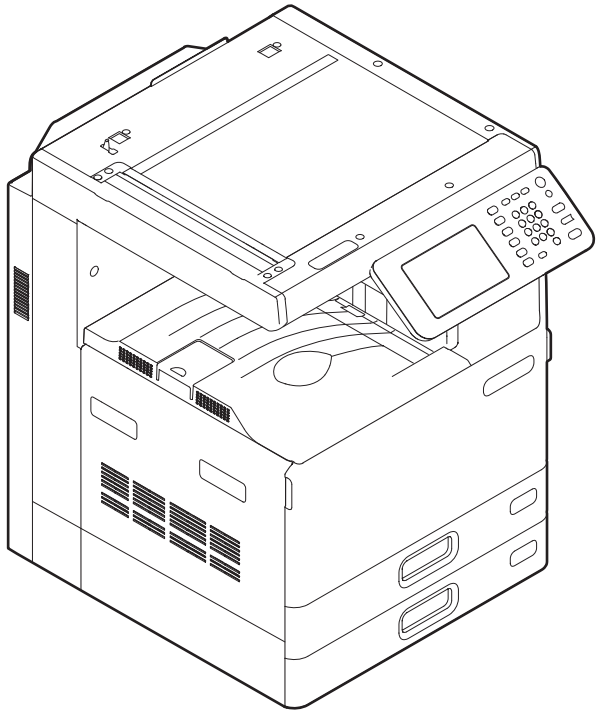
TOSHIBA

SERVICE MANUAL

MULTIFUNCTIONAL DIGITAL COLOR SYSTEMS

e-STUDIO2555C/3055C/3555C/4555C/5055C

e-STUDIO2555CSE/3055CSE/3555CSE/4555CSE/5055CSE



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8. ERROR CODE AND TROUBLESHOOTING

8.1 General Descriptions

This chapter explains the procedures for solving troubles occurring in the equipment.

When a trouble occurs, check if an error code is displayed on the LCD screen of the control panel first. If displayed, refer to“🕮 P. 8-4 "8.2 Error Code List"" to figure out the classification and contents of the error, and then refer to “🕮 P. 8-45 "8.3 Diagnosis and Prescription for Each Error Code"" to remove its cause.
If not displayed and the equipment does not operate properly or images are not printed properly, refer to “🕮 P. 8-274 "8.4 Other errors"" or “🕮 P. 8-277 "8.5 Troubleshooting for the Image"" to remove its cause.

Note:
If unusual odor is detected or if smoke or fire comes out of the equipment, immediately turn the power OFF.
Even in the cases other than the above, fully observe safety precautions.
If any PC board or HDD shall be replaced, refer to“9.3Precautions for Installation of GP-1070 and Disposal of HDD/Board”.

8.1.1 If a problem continues even after performing all troubleshooting.

If a problem continues even after performing all troubleshooting and technical tips, report the problem to the appropriate Toshiba service center along with the following information. This information will help the service center understand your problem and take quick action to find the solution.

1. Serial Number
2. List Print
   Refer to the appropriate Service Manual / Service Handbook for the detailed procedure to obtain a List Print.
   A. Enter the value given below to obtain a List Print by CSV file.
      9S-300: All CSV files
   B. Enter the value given below to obtain a List Print by printing it out.
      9S-101: 05 code
      9S-102: 08 code
      9S-104: Pixel counter data (Toner cartridge standard)
      9S-106: Error history (1000 cases max)
      9S-108: Firmware update log (200 cases max)
      9S-110: Power on/off log (100 cases max)
3. For image-related problems, collect image samples with the problem areas and the feeding direction marked first. Then provide information about the media type and weight, and the print data / spool files for duplicating the problem.
4. For abnormal acoustic noise, describe the situation in as much detail as possible.
5. For hardware-related problems, provide photos of any broken parts, paper jams, etc.
   In case of paper jams, include the type of paper and its manufacturer.
6. For software-related problems, provide list prints, TopAccess Logs and the detailed procedure needed to duplicate the problem.

* This is the minimum information required to report a complaint. It would be appreciated if you could obtain additional information.

* Follow the directions of the service center if they request additional information as each issue is unique to some degree.

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8.1.2 Collection of debug logs with a USB device

[1] General description

The purpose of collecting the debug logs is to acquire the information for analyzing problems which occurred during the MFP's operation. In such a case, you can collect the debug logs by inserting a USB device into the MFP. Even if the power has to be turned OFF with the main power switch after a problem occurs, the debug logs will be saved in the MFP (up to 3 logs). If the debug logs have already been saved in the MFP, they also can be collected.

The following information is included in the USB debug logs.
Internal operation, Job history, HDD/memory usage status, etc. (Personal/Corporate information (address book) not included)

When the debug logs are collected, also do so for the following information. since it may be difficult to investigate only using the debug log.

- List print mode ([9] + [START]) [300: All CSV files]
- Job logs below in TopAccess -> [Logs] -> [Export Logs]
  - Print Job Log Export
  - Fax Transmission Journal Export
  - Fax Reception Journal Export
  - Scan Log Export
  - Messages Log Export
- Problem occurrence time
  Or the time when the customer called if it is difficult to work out when it occurred
- Status of when you collected the debug log
  As in the example below, check the status to know if the problem occurred at the debug log collection or how the customer recovered it.
  E.g.
  - You checked the problem and connected a USB device to the equipment.
  - No problem occurred when an attempt to collect the debug log was made; however the customer did turn the main power switch OFF when the problem occurred, so the log can be collected.

[2] Collection procedure

1. Note
   When collecting a log, be sure to obtain consent from the user in advance and get the dedicated script file from the service center.
2. About USB devices
   Be sure to format the USB device with FAT16/32 beforehand. (Recommend size: 2GB or more)
3. Advance preparation of collection
   Store the dedicated script file to the root directory of the USB device.
4. Procedure for collecting debug logs
   1. Insert USB device, in which the dedicated script file is stored, into the MFP while the power is ON.
   2. The LED in the MFP starts blinking after the USB device has been inserted.
   3. When the collection of the debug logs is finished, beeping is heard.
   4. After the beeping has stopped, remove the USB device.

   Notes:
   - Do not remove the USB device while the LED in the MFP is blinking.
   - If the LED does not start blinking after the USB device is inserted and a few minutes have passed, try the procedure from step 1 again.
   - If there is no beeping after the LED starts blinking (about 20 minutes), try procedure from step 1 again.
   - If the USB device is inserted when the MFP is not ready, the debug logs cannot be collected.
5. Collected debug logs
   - When the collection of the debug logs is completed, the compressed file of the collected logs is stored in the root directory of the USB device.
     File name: XXXX.YYYYMMDDHHmmSS

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(XXXX= Serial number of the equipment, YYYY= year, MM= month, DD= day, HH= hour, mm= minute, SS= second)

- After the debug logs have been collected, be sure to send them to the service center together with a report.

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8.2 Error Code List

The following error codes is displayed at the upper right of the screen when the “CLEAR PAPER” or “CALL SERVICE” symbol is blinking.

8.2.1 Jam

Error code	Classification	Contents	Troubleshooting
E010	Paper exit jam	Jam not reaching the exit sensor: The paper which has passed through the fuser unit does not reach the exit sensor.	P. 8-45
E011	Other paper jam	Transfer belt paper-clinging jam: The paper after the 2nd transfer is clinging to the transfer belt.	P. 8-61
E013	Other paper jam	The paper jam occurred between the registration pass sensor and the paper clinging detection sensor.	P. 8-63
E020	Paper exit jam	Stop jam at the exit sensor: The trailing edge of the paper does not pass the exit sensor after its leading edge has reached this sensor.	P. 8-47
E030	Other paper jam	Power-ON jam: The paper is remaining on the paper transport path when power is turned ON.	P. 8-63
E061		Incorrect paper size setting for 1st drawer: The size of paper in the 1st drawer differs from size setting of the equipment.	P. 8-64
E062		Incorrect paper size setting for 2nd drawer: The size of paper in the 2nd drawer differs from size setting of the equipment.	P. 8-64
E063		Incorrect paper size setting for PFP upper drawer: The size of paper in the 3rd drawer differs from size setting of the equipment.	P. 8-64
E064		Incorrect paper size setting for PFP lower drawer: The size of paper in the 4th drawer differs from size setting of the equipment.	P. 8-64
E065		Incorrect paper size setting for bypass tray: The size of paper in the bypass tray differs from size setting of the equipment.	P. 8-64
E090		Image data delay jam: Image data to be printed cannot be prepared.	P. 8-64
E091		Motor-ON time-out jam: The equipment does not operate normally because abnormality occurred on an interface between the SYS board and engine firmware.	P. 8-64
E0A0		Image transport ready time-out jam: Image data to be printed cannot be sent.	P. 8-65

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Error code	Classification	Contents	Troubleshooting
E110	Paper misfeeding	ADU misfeeding (Paper not reaching the registration sensor): The paper which has passed through ADU does not reach the registration sensor during duplex printing.	P. 8-48
E120		Bypass misfeeding (Paper not reaching the bypass feed sensor): Paper fed from the bypass tray does not reach the bypass feed sensor.	P. 8-48
E130		1st drawer misfeeding (Paper not reaching the 1st drawer feed sensor): The paper fed from the 1st drawer does not reach the 1st drawer feed sensor.	P. 8-49
E140		2nd drawer misfeeding (Paper not reaching the 2nd drawer feed sensor): The paper fed from the 2nd drawer does not reach the 2nd drawer feed sensor.	P. 8-49
E150		PFP upper drawer misfeeding (Paper not reaching the PFP upper drawer feed sensor): The paper fed from the PFP upper drawer does not reach the PFP upper drawer feed sensor.	P. 8-50
E160		PFP lower drawer misfeeding (Paper not reaching the PFP lower drawer feed sensor): The paper fed from the PFP lower drawer does not reach the PFP lower drawer feed sensor.	P. 8-50
E190		LCF misfeeding (Paper not reaching the LCF feed sensor): The paper fed from the LCF does not reach the LCF feed sensor.	P. 8-51
E200	Paper transport jam	1st drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the 1st drawer feed sensor.	P. 8-52
E210		2nd drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the 1st drawer feed sensor.	P. 8-52
E220		2nd drawer transport jam (Paper not reaching the 1st drawer feed sensor): The paper does not reach the 1st drawer feed sensor after it has passed the 2nd drawer feed sensor.	P. 8-53
E270		Bypass transport jam (Paper not reaching the registration sensor): Paper fed from the bypass tray and passed through the bypass feed sensor does not reach the registration sensor.	P. 8-52
E300		PFP upper drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the 1st drawer feed sensor.	P. 8-52
E310		PFP upper drawer transport jam (Paper not reaching the 1st drawer feed sensor): The paper does not reach the 1st drawer feed sensor after it has passed the 2nd drawer feed sensor.	P. 8-53

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Error code	Classification	Contents	Troubleshooting
E320	Paper transport jam	PFP upper drawer transport jam (Paper not reaching the 2nd drawer feed sensor): The paper does not reach the 2nd drawer feed sensor after it has passed the PFP upper drawer feed sensor.	P. 8-54
E330		PFP lower drawer transport jam (Paper not reaching the registration sensor): The paper does not reach the registration sensor after it has passed the 1st drawer feed sensor.	P. 8-52
E340		PFP lower drawer transport jam (Paper not reaching the 1st drawer feed sensor): The paper does not reach the 1st drawer feed sensor after it has passed the 2nd drawer feed sensor.	P. 8-53
E350		PFP lower drawer transport jam (Paper not reaching the 2nd drawer feed sensor): The paper does not reach the 2nd drawer feed sensor after it has passed the PFP upper drawer feed sensor.	P. 8-54
E360		PFP lower drawer transport jam (Paper not reaching the PFP upper drawer feed sensor): The paper does not reach the PFP upper drawer feed sensor after it has passed the PFP lower drawer feed sensor.	P. 8-54
E3C0		LCF transport jam (Paper not reaching the registration sensor): Paper fed from the LCF and passed through the 1st drawer feed sensor does not reach the registration sensor.	P. 8-52
E3D0		LCF transport jam (Paper not reaching the 1st drawer feed sensor): Paper fed from the LCF and passed through the 2nd drawer feed sensor does not reach the 1st drawer feed sensor.	P. 8-53
E3E0		LCF transport jam (Paper not reaching the 2nd drawer feed sensor): Paper fed from the LCF and passed through the LCF feed sensor does not reach the 2nd drawer feed sensor.	P. 8-54
E410	Cover open jam	Front cover open jam: The front cover has opened during printing.	P. 8-68
E420		PFP side cover open jam: The PFP side cover has opened during printing.	P. 8-68
E430		ADU open jam: The ADU has opened during printing.	P. 8-69
E440		Jam access cover open jam: The Jam access cover has opened during printing.	P. 8-69
E450		LCF side cover open jam: The LCF side cover has opened during printing.	P. 8-70
E480		Bridge unit open jam: The bridge unit has opened during printing.	P. 8-71
E490		Job separator cover open jam: The Job separator cover has opened during printing.	P. 8-71

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Error code	Classification	Contents	Troubleshooting
E510	Paper transport jam (ADU section)	Jam not reaching the ADU entrance sensor: The paper does not reach the ADU entrance sensor after it is switchbacked in the exit/ reverse section.	P. 8-55
E520		Stop jam in the ADU: The paper does not reach the ADU exit sensor after it has passed the ADU entrance sensor.	P. 8-56
E550	Other paper jam	Paper remaining jam on the transport path: The paper is remaining on the transport path when printing is finished.	P. 8-65
E551		Paper remaining jam on the transport path (when a service call occurs)	P. 8-66
E552		Paper remaining jam on the transport path (when the cover is closed)	P. 8-66
E570	Paper transport jam (Reverse section)	Jam not reaching the reverse sensor: The paper does not reach the reverse sensor.	P. 8-56
E580		Stop jam at the reverse section: The paper is remaining at the reverse sensor.	P. 8-57

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Error code	Classification	Contents	Troubleshooting
E712	RADF jam	Jam not reaching the original registration sensor: The original fed from the original feeding tray does not reach the original registration sensor.	P. 8-72
E714		Feed signal reception jam: The feed signal is received even no original exists on the original feeding tray.	P. 8-72
E721		Jam not reaching the read sensor: The original does not reach the read sensor after it has passed the registration sensor (when scanning obverse side) or the reverse sensor (when scanning reverse side).	P. 8-73
E722		Jam not reaching the original exit/reverse sensor (during scanning): The original which passed the read sensor does not reach the original exit/reverse sensor when it is transported from the scanning section to exit section.	P. 8-73
E724		Stop jam at the original registration sensor: The trailing edge of the original does not pass the original registration sensor after its leading edge has reached this sensor.	P. 8-74
E725		Stop jam at the read sensor: The trailing edge of the original does not pass the read sensor after its leading edge has reached this sensor.	P. 8-74
E726		Transport/exit signal reception jam: RADF receives the transport/exit reception signal from the equipment when no original is at the exposure waiting position.	P. 8-75
E731		Stop jam at the original exit/reverse sensor: The trailing edge of the original does not pass the original exit/reverse sensor after its leading edge has reached this sensor.	P. 8-75
E860		RADF jam access cover open: The RADF jam access cover has opened during RADF operation.	P. 8-76
E870		RADF open jam: RADF has opened during RADF operation.	P. 8-76
E871		Cover open jam in the read ready status	P. 8-76

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Error code	Classification	Contents	Troubleshooting
E910	Finisher jam (Bridge unit)	Jam at the bridge unit transport sensor 1: The paper does not reach the bridge unit transport sensor 1 after it has passed the exit sensor.	P. 8-78
E920		Stop jam at the bridge unit transport sensor 1: The trailing edge of the paper does not pass the bridge unit transport sensor 1 after its leading edge has reached the sensor.	P. 8-78
E930		Jam at the bridge unit transport sensor 2: The trailing edge of the paper does not reach the bridge unit transport sensor 2 after its leading edge has reached the bridge unit transport sensor 1.	P. 8-79
E940		Stop jam at the bridge unit transport sensor 2: The trailing edge of the paper does not pass the bridge unit transport sensor 2 after its leading edge has reached the bridge unit transport sensor 2.	P. 8-79
E950	Job separator jam	Jam not reaching the job separator transport sensor: The paper has passed through the exit sensor does not reach the job separator transport sensor.	P. 8-79
E951		Stop jam at the job separator transport sensor: The trailing edge of the paper does not pass the job separator transport sensor.	P. 8-79
E9F0	Finisher jam (Puncher unit)	Punching jam: Jam occurred at the HP detection of punch motor. [MJ-1036] Punching jam: Punching is not performed properly. [MJ-1107/1108 (when MJ-6104 is installed)]	P. 8-105
EA10	Finisher jam (Finisher section)	1st transport motor (M8) fault/ 2nd transport motor (M4) fault [MJ-1036] Paper transport delay jam: The paper which has passed the bridge unit does not reach the entrance sensor.[MJ-1107] The paper which has passed the bridge unit does not reach the entrance sensor. [MJ-1108]	P. 8-81 P. 8-81
EA20		1st transport motor (M8) fault/ 2nd transport motor (M4) fault [MJ-1036] Paper transport jam (transport sensor): Paper being transported on the Finisher transport path is stopped at the entrance sensor at 27.56 inches or longer. [MJ-1107/1108]	P. 8-82 P. 8-83
EA21		Paper size error jam: Paper does not reach the sensor because the paper is shorter than spec. [MJ-1107/1108]	P. 8-84
EA22		Paper transport jam (Finisher paper punching edge detection sensor): The paper position sensor on the Finisher transport path detects paper shorter than the acceptable paper size. [MJ-1107/1108/MJ-6104]	P. 8-84

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Error code	Classification	Contents	Troubleshooting
EA23	Finisher jam (Finisher section)	Paper transport jam (transport sensor): Paper being transported on the Finisher transport path is stopped at the transport sensor at 27.56 inches or longer. [MJ-1107/1108]	P. 8-85
EA24		Paper transport jam (between entrance and transport sensors): The leading edge of paper which has passed the entrance sensor on the Finisher transport path does not reach the transport sensor. [MJ-1107/1108	P. 8-85
EA25		Paper transport jam in the Finisher (after paper stack exit): Paper is detected in the finishing tray sensor after the paper stack has exited from the finishing tray. [MJ-1036] Paper transport jam (after paper stack exit): The finishing tray paper detection sensor detects paper after a stack of paper exits from the finishing tray. [MJ-1107/1108]	P. 8-88 P. 8-85
EA26		Paper transport jam (stop command request): A command to stop equipment operation is received while paper is being transported in the Finisher. [MJ-1107/1108]	P. 8-85
EA27		Paper transport jam (paper not inserted): The equipment detects a paper-not-inserted jam but the entrance sensor is turned ON before the equipment is stopped. [MJ-1107/1108]	P. 8-85
EA28		Paper transport jam (paper holder plate operation delay): An attempt to start the arm assisting operation for dropping paper on the finishing tray is made, but the previous arm assisting operation has not yet been finished. [MJ-1107/1108]	P. 8-85
EA29		Paper transport jam (stack transport delay): The buffer tray is extended to drop a stack of paper on the finishing tray but the previous stack has not yet exited. [MJ-1107/1108]	P. 8-85
EA2A		Paper transport jam in the Finisher (Entrance path - middle path sensor) [MJ-1036]	P. 8-88
EA2B		Paper transport jam in the Finisher (Middle path sensor) [MJ-1036]	P. 8-88
EA2C		Paper transport jam in the Finisher (Entrance path - sub-path sensor) [MJ-1036]	P. 8-89
EA2D		Paper transport jam in the Finisher (Sub-path sensor) [MJ-1036]	P. 8-90
EA2E		Paper transport remaining jam in the Finisher (sub-path sensor): Paper is detected in the sub-path sensor when the power is turned ON or the cover is closed. [MJ-1036]	P. 8-90

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Error code	Classification	Contents	Troubleshooting
EA31	Finisher jam (Finisher section)	Paper transport remaining jam in the Finisher: Paper is detected in the entrance path sensor or middle path sensor when the power is turned ON or the cover is closed. [MJ-1036]	P. 8-91
		Transport path paper remaining jam: Paper is detected by the transport sensor when the power is turned ON. [MJ-1107/1108]	P. 8-91
EA32		Exit paper remaining jam in the Finisher: Paper is detected in the finishing tray sensor when the power is turned ON. [MJ-1036]	P. 8-92
		Exit paper remaining jam: The paper is remaining on the finishing tray when the power is turned ON. [MJ-1107/1108]	P. 8-94
EA40		Finisher cover open jam: (1) A paper jam occurs when any of the covers is opened during the transporting of paper in the Finisher (until the paper exit is completed after the B command has been received). (2) A paper jam occurs when the supplying of the voltage of 24V is stopped during the transporting of paper. [MJ-1036]	P. 8-95
		Cover open error: (1) The front cover or stationary tray is opened during paper transport. (2) A paper jam occurs when the supplying of the voltage of 24V is stopped during the transporting of paper. [MJ-1107] (1) The front upper cover or stationary tray is opened during paper transport. (2) A paper jam occurs when the supplying of the voltage of 24V is stopped during the transporting of paper. [MJ-1108]	P. 8-95
EA50		Stapling jam: Stapling is not performed properly. [MJ-1036]	P. 8-96
		Stapling jam: Stapling is not performed properly. [MJ-1107/1108]	P. 8-96
EA60		Early arrival jam: The entrance path sensor detects the paper earlier than a specified timing. [MJ-1036] Early arrival jam: The entrance sensor detects the paper earlier than a specified timing. [MJ-1107] Early arrival jam: The feed sensor detects the paper earlier than a specified timing. [MJ-1108]	P. 8-98
EA70		Stack exit belt home position error: The stack exit belt is not at the home position. [MJ-1107/1108]	P. 8-99

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Error code	Classification	Contents	Troubleshooting
EA90	Finisher jam (Saddle stitcher section)	Door open jam: The delivery cover or inlet cover has opened during printing. [MJ-1108]	P. 8-101
EAA0		Paper remaining in Saddle Stitch Finisher: Paper remaining in Saddle Stitch Finisher [MJ-1108]	P. 8-101
EAB0		Paper transport jam in Saddle Stitch Finisher: Paper transport jam in Saddle Stitch Finisher [MJ-1108]	P. 8-102
EAB1		Short paper jam: Short paper jam (Saddle Stitch Finisher) [MJ-1108]	P. 8-103
EAD0	Other paper jam	Print end command time-out jam: The printing has not finished normally because of an error occurring on the interface between the SYS board and the engine firmware at the end of printing.	P. 8-107
EAE0		Receiving time time-out jam: The printing has been interrupted because of the communication error between the equipment and finisher when the paper is transported from the equipment to the finisher.	P. 8-107
EAF1	Finisher jam	Stack exit roller nip home position detection error [MJ-1036]	P. 8-100
EB30	Other paper jam	Ready time time-out jam: The equipment judges that the paper transport to the finisher is disabled because of the communication error between the equipment and finisher at the start of printing.	P. 8-107
EB50	Paper transport jam	Paper remaining on the transport path: The multiple feeding of preceding paper caused the misfeeding of upcoming paper.	P. 8-57
EB60		Paper remaining on the transport path: The multiple feeding of preceding paper caused the misfeeding of upcoming paper (redetection after no jam is detected at [EB50]).	P. 8-59

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Error code	Classification	Contents	Troubleshooting
ED10	Finisher jam	Skew adjustment motor (M1) home position detection abnormality: The Skew adjustment motor is not at the home position. [MJ-1107/1108 (when MJ-6104 is installed)]	P. 8-108
ED11		Sideways adjustment motor (M2) home position detection error: The Sideways adjustment motor is not at the home position. [MJ-1107/1108 (when MJ-6104 is installed)]	P. 8-109
ED12		Shutter home position error: The shutter is not at the home position. [MJ-1107/1108]	P. 8-109
ED13		Front alignment plate home position error: The front alignment plate is not at the home position. [MJ-1107/1108]	P. 8-110
ED14		Rear alignment plate home position error: The rear alignment plate is not at the home position. [MJ-1107/1108]	P. 8-111
ED15		Paddle home position error: The paddle is not at the home position. [MJ-1107/1108]	P. 8-112
ED16		Buffer tray home position error: The buffer tray is not at the home position. [MJ-1107/1108]	P. 8-113
EF10	Finisher jam (Saddle Stitcher section)	Paper not supported for Saddle Stitch Finisher: Unsupported paper size, type and an excess number of pages for stapling are selected. [MJ-1108]	P. 8-114
EF11		Saddle Stitch Finisher stapling error (front): Front stapling is not correctly done. [MJ-1108]	P. 8-115
EF12		Saddle Stitch Finisher stapling error (rear): Rear stapling is not correctly done. [MJ-1108]	P. 8-115
EF13		Saddle paper holder home position detection abnormality: The paper holder home position cannot be detected. [MJ-1108]	P. 8-115

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Error code	Classification	Contents	Troubleshooting
EF14	Finisher jam (Saddle Stitcher section)	Saddle paper exit jam: Outputting paper is not completed within a fixed time. [MJ-1108]	P. 8-116
EF15		Saddle Stitch Finisher side alignment motor home position detection abnormality: The side alignment motor home position cannot be detected. [MJ-1108]	P. 8-116
EF16		Saddle Stitch Finisher stacker motor home position detection abnormality: The stacker motor home position cannot be detected. [MJ-1108]	P. 8-117
EF17		Saddle Stitch Finisher folding blade home position detection abnormality: The folding blade home position cannot be detected. [MJ-1108]	P. 8-117
EF18		Saddle Stitch Finisher additional folding roller home position detection abnormality: The additional folding roller home position cannot be detected. [MJ-1108]	P. 8-118
EF19		Saddle paper folding jam: Fold processed paper cannot be transported to the additional folding roller. [MJ-1108]	P. 8-118
EF20		Saddle stacker jam: Transported paper cannot be detected in the stacker. [MJ-1108]	P. 8-119

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8.2.2 Service call

Error code	Classification	Contents	Troubleshooting
C020	Drive system related service call	Developer drive motor abnormality: The developer drive motor is not rotating normally.	P. 8-120
C040	Paper feeding system related service call	PFP motor abnormality: The PFP motor is not rotating normally. (the case that paper can be fed from any drawer except the PFP)	P. 8-122
C130		1st drawer tray abnormality: The tray-up motor is not rotating or the 1st drawer tray is not moving normally. (the case that paper can be fed from any drawer except the 1st drawer)	P. 8-122
C140		2nd drawer tray abnormality: The tray-up motor is not rotating or the 2nd drawer tray is not moving normally. (the case that paper can be fed from any drawer except the 2nd drawer)	P. 8-122
C150		PFP upper drawer tray abnormality: The PFP upper drawer tray-up motor is not rotating or the PFP upper drawer tray is not moving normally. (the case that paper can be fed from any drawer except the PFP upper drawer)	P. 8-124
C160		PFP lower drawer tray abnormality: The PFP lower drawer tray-up motor is not rotating or the PFP lower drawer tray is not moving normally. (the case that paper can be fed from any drawer except the PFP lower drawer)	P. 8-124
C180		LCF tray-up motor abnormality: The LCF tray-up motor is not rotating or the LCF tray is not moving normally. (the case that paper can be fed from any drawer except the LCF)	P. 8-125
C1A0		LCF end fence motor abnormality: The LCF end fence motor is not rotating or the LCF end fence is not moving normally. (the case that paper can be fed from any drawer except the LCF)	P. 8-126
C1B0		LCF transport motor abnormality: The LCF transport motor is not rotating normally (when paper can be fed from any drawer except the LCF).	P. 8-127
C260	Scanning system related service call	Peak detection error: Lighting of the exposure lamp (white reference) is not detected when power is turned ON, or communication error with CCD board.	P. 8-128
C270		Carriage home position sensor not turning OFF within a specified period of time: The carriage does not shift from its home position in a specified time.	P. 8-129
C280		Carriage home position sensor not going ON within a specified time	P. 8-129
C290		Scanner fuse blowout: 24V power for the scanning system is not supplied at the scanner warming-up after power-ON.	P. 8-130

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Error code	Classification	Contents	Troubleshooting
C370	Copy process related service call	Drum TBU motor abnormality	P. 8-200
C380		Auto-toner sensor-K abnormality (upper limit)	P. 8-200
C381		Auto-toner sensor-K abnormality (lower limit)	P. 8-201
C390		Auto-toner sensor-C abnormality (upper limit)	P. 8-202
C391		Auto-toner sensor-C abnormality (lower limit)	P. 8-203
C3A0		Auto-toner sensor-M abnormality (upper limit)	P. 8-204
C3A1		Auto-toner sensor-M abnormality (lower limit)	P. 8-205
C3B0		Auto-toner sensor-Y abnormality (upper limit)	P. 8-206
C3B1		Auto-toner sensor-Y abnormality (lower limit)	P. 8-207
C3E0		Developer unit replacement (old-new) detection abnormality	P. 8-208
C3E1		Drum/cleaner/charger unit replacement (old-new) detection abnormality	P. 8-209
C445	Fuser unit related service call	IH coil abnormality after abnormality judgment (pre-running end temperature abnormality)	P. 8-132
C446		IH coil abnormality after abnormality judgment (pre-running end temperature abnormality)	P. 8-132
C447		IH coil abnormality after abnormality judgment (temperature abnormality at ready status)	P. 8-132
C449		IH coil abnormality after abnormality judgment (temperature abnormality at high temperature)	P. 8-132
C471		IH board initialization abnormality	P. 8-133
C472		Power supply abnormality	P. 8-133
C473		Surge pressure detection / power and voltage upper limit abnormality	P. 8-134
C474		Power and voltage lower limit abnormality	P. 8-134
C475		IH power voltage abnormality (power supply abnormality when door is opened)	P. 8-134
C480		IGBT high temperature abnormality	P. 8-135
C481		IGBT thermistor breaking abnormality	P. 8-135
C4B0		Fuser unit counter abnormality	P. 8-136
C4B1		Fuser unit voltage judgment abnormality	P. 8-136
C4C0		Fuser unit new/old detection fuse abnormality	P. 8-137
C4D0		Fuser thermistor abnormality	P. 8-137
C4E0		Fuser pressure roller release abnormality - Though the pressure roller is released, its position cannot be detected.	P. 8-139
C4E1		Fuser pressure roller contact/semi-contact abnormality - Though the pressure roller is contacted, its position cannot be detected.	P. 8-139
C4E2		Fuser belt rotation detection sensor abnormality - The fuser belt does not rotate or incorrectly rotates.	P. 8-139
C550	Optional communication related service call	RADF I/F error: Communication error has occurred between the RADF and the scanner.	P. 8-141
C551		RADF model detection error	P. 8-145
C560		Communication error between Engine-CPUs	P. 8-141
C580		Communication error between LGC board and finisher	P. 8-141

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Error code	Classification	Contents	Troubleshooting
C5A0	Circuit related service call	EEPROM not connected (LGC board)	P. 8-146
C5A1		EEPROM data abnormality (LGC board)	P. 8-146
C8E0	Optional communication related service call	RADF communication protocol abnormality: The system has to be stopped because the control	P. 8-145
C900	Circuit related service call	Connection error between SYS board and LGC board	P. 8-146
C911		Toner cartridge IC chip access board abnormality	P. 8-147
C940		Engine-CPU abnormality	P. 8-148
C962		LGC board ID abnormality	P. 8-148
C964		LGC board boot process abnormality	P. 8-148
C970	Process related service call	High-voltage transformer abnormality: Leakage of the main charger is detected.	P. 8-210
C9E0	Circuit related service call	Connection error between scanner CPU and system CPU	P. 8-149
CA00	Image control related service call	color registration abnormality	P. 8-183

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Error code	Classification	Contents	Troubleshooting
CB00	Finisher related service call	Finisher not connected: Communication error has occurred between the equipment and finisher. [MJ-1107/1108]	P. 8-155
CB01		Finisher communication error [MJ-1036] Finisher communication error: Communication error has occurred between the equipment and finisher. [MJ-1107/1108]	P. 8-155
CB10		Entrance motor abnormality: The entrance motor is not rotating normally. [MJ-1107/1108]	P. 8-156
CB11		Buffer tray guide motor abnormality: The buffer tray guide motor is not rotating or the buffer tray guide is not moving normally. [MJ-1107/1108]	P. 8-156
CB12		Buffer roller drive motor abnormality: The buffer roller drive motor is not rotating or the buffer roller is not moving normally. [MJ-1107/1108]	P. 8-157
CB13		Finisher exit motor abnormality [MJ-1108]	P. 8-157
CB14		Paper holding arm motor abnormality [MJ-1108]	P. 8-158
CB30		Movable tray shift motor abnormality: The movable tray shift motor or the movable tray does not work properly. [MJ-1036] Movable tray shift motor abnormality: The movable tray shift motor is not rotating or the movable tray is not moving normally. [MJ-1107/1108]	P. 8-158 P. 8-160
CB31		Movable tray paper-full detection error: The actuator of the movable tray paper-full detection sensor does not move smoothly. [MJ-1107/1108]	P. 8-161
CB40		Front alignment plate home position detection error: The detection of the home position ends abnormally because the front alignment plate has not worked properly. [MJ-1036] Front alignment motor abnormality: The front alignment motor is not rotating or the front alignment plate is not moving normally. [MJ-1107/1108]	P. 8-161 P. 8-162
CB50		Stapler unit home position detection error: The detection of the home position of the stapler unit ends abnormally. [MJ-1036] Stapler home position error: The stapler home position sensor does not work. [MJ-1107/1108]	P. 8-163 P. 8-163

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Error code	Classification	Contents	Troubleshooting
CB51	Finisher related service call	Stapler unit sliding home position detection error: The detection of the home position of the stapler unit sliding ends abnormally. [MJ-1036] Stapler shift home position error: The stapler is not at the home position. [MJ-1107/1108]	P. 8-165 P. 8-165
CB60		Stapler shift motor abnormality: Stapler shift motor is not rotating or staple unit is not moving normally. [MJ-1107/1108]	P. 8-166
CB80		Finisher control PC board (FIN) backup RAM error: An error occurs during the writing of data into the EEPROM of the Finisher. [MJ-1036] Backup RAM data abnormality: Abnormality of checksum value on finisher controller PC board is detected when the power is turned ON. [MJ-1107/1108]	P. 8-166 P. 8-167
CB81		Flash ROM abnormality: Abnormality of checksum value on finisher controller PC board is detected when the power is turned ON. [MJ-1107/1108]	P. 8-167
CB82		Finisher - Main CPU program error [MJ-1107/1108]	P. 8-168
CB83		Saddle Stitch Finisher - Main CPU program error [MJ-1108]	P. 8-168
CB84		Hole Punch Unit - Main CPU program error [MJ-1107/1108/6104]	P. 8-168
CB91		Saddle Stitch Finisher flash ROM abnormality [MJ-1108]	P. 8-168
CB92		Saddle Stitch Finisher RAM abnormality [MJ-1108]	P. 8-169
CB93		Additional folding motor abnormality [MJ-1108]	P. 8-169
CB94		Saddle transport motor abnormality [MJ-1108]	P. 8-170
CB95		Stacker motor abnormality [MJ-1108]	P. 8-170
CBA0		Front saddle stapler home position error: The stapler home position detection is abnormally operated and finished. [MJ-1108]	P. 8-170
CBB0		Rear saddle stapler home position error: The stapler home position detection is abnormally operated and finished. [MJ-1108]	P. 8-171
CBE0		Saddle Stitch Finisher folding motor (M17) abnormality: The folding motor is not rotating or the folding roller is not moving normally. [MJ-1108]	P. 8-171
CC02		Stack exit roller nip home position detection error [MJ-1036]	P. 8-172
CC20		Saddle communication error [MJ-1108]	P. 8-172
CC30		Stack transport motor abnormality: The stack transport motor is not rotating or the stack transport belt is not moving normally. [MJ-1107/1108]	P. 8-172

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Error code	Classification	Contents	Troubleshooting
CC31	Finisher related service call	Transport motor abnormality: The transport motor is not rotating or the stack transport roller -1 and -2 is not rotating normally. [MJ-1107/1108]	P. 8-173
CC41		Paper holder cam home position abnormality: The paper holder cam is not at the home position. [MJ-1107/1108]	P. 8-174
CC51		Punch unit sliding motor (M12) abnormality[MJ-1036] Sideways adjustment motor (M2) abnormality: Sideways adjustment motor is not rotating or puncher is not shifting normally. [MJ-1107/1108 (when MJ-6104 is installed)]	P. 8-175 P. 8-175
CC52		Skew adjustment motor (M1) abnormality: Skew adjustment motor is not rotating or puncher is not shifting normally. [MJ-1107/1108 (when MJ-6104 is installed)]	P. 8-176
CC54		Abnormality of paper detection sensors (S24 and S25)[MJ-1036]	P. 8-176
CC60		Punch motor abnormality [MJ-1036]	P. 8-176
CC61		Punch motor abnormality [MJ-1036] Punch motor (M3) home position detection error: Punch motor is not rotating or puncher is not shifting normally. [MJ-1107/1108 (when MJ-6104 is installed)]	P. 8-176 P. 8-177
CC71		Punch ROM checksum error: Abnormality of checksum value on Hole punch controller PC board is detected when the power is turned on. [MJ-1107/1108 (when MJ-6104 is installed)]	P. 8-178
CC72		Punch RAM read/write error: Abnormality of checksum value on Hole punch controller PC board is detected when the power is turned on. [MJ-1107/1108 (when MJ-6104 is installed)]	P. 8-178
CC80		Front alignment motor (M2) abnormality [MJ-1036] Rear alignment motor abnormality: The rear alignment motor is not rotating or the rear alignment plate is not moving normally. [MJ-1107/1108]	P. 8-179 P. 8-179
CC93		Knurled roller shift solenoid abnormality [MJ-1036]	P. 8-180
CC94		Fan motor abnormality[MJ-1036]	P. 8-180
CCF1		Tray safety switch abnormality - (1) The tray safety switch turned on during tray operation (moving up or down). (2) The tray operated with the tray safety switch turned on.	P. 8-180

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Error code	Classification	Contents	Troubleshooting
CDE0	Finisher related service call	Paddle motor abnormality: The paddle motor is not rotating or the paddle is not rotating normally. [MJ-1107/1108]	P. 8-181
CE00		Communication error between finisher and punch unit: Communication error between finisher controller PC board and punch controller PC board [MJ-1107/1108 (when MJ-6104 is installed)]	P. 8-182
CE10	Image control related service call	Image quality sensor abnormality (OFF level): The output value of this sensor is out of a specified range when sensor light source is OFF.	P. 8-190
CE20		Image quality sensor abnormality (no pattern level): The output value of this sensor is out of a specified range when the image quality control test pattern is not formed.	P. 8-190
CE40		Image quality control test pattern abnormality: The test pattern is not formed normally.	P. 8-194
CE41		Image quality TRC control test pattern abnormality: The image quality TRC control test pattern is not printed normally.	P. 8-196
CE50		Temperature/humidity sensor abnormality: The output value of this sensor is out of a specified range.	P. 8-197
CE60	Copy process related service call	Drum thermistor 2 abnormality: The output value of the drum thermistor 2 is out of a specified range.	P. 8-197
CE70	Image control related service call	Drum drive switching abnormality: The drum switching detection sensor (S11) is not turned ON after the drum motor was rotated for a specified period of time.	P. 8-198
CE80	LED head related service call	LED head communication error	P. 8-151
CE81		Interface initialization error between LED head and LGC board	P. 8-153
CE90	Image control related service call	Drum thermistor 1 abnormality: The output value of the drum thermistor 1 is out of a specified range.	P. 8-199
CF10	Finisher related service call	Communication module writing failure. [MJ-1107/1108]	P. 8-182
F070	Communication related service call	Communication error between System-CPU and Engine-CPU	P. 8-141
F071		Communication initialization error between System-CPU and Engine-CPU	P. 8-142
F090	Circuit related service call	SRAM abnormality on the SYS board	P. 8-149

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Error code	Classification	Contents	Troubleshooting
F100_0	Other service call	HDD format error: Operation of HDD key data fails.	P. 8-211
F100_1		HDD format error: Encryption key data of either the SYS board or the SRAM board for the SYS board are damaged.	P. 8-211
F100_2		HDD format error: Encryption key data of both the SYS board and the SRAM board for the SYS board are damaged.	P. 8-212
F101_0		HDD connection error (HDD connection cannot be detected.)	P. 8-214
F101_1		Root partition mount error (HDD formatting fails.): The HDD cannot be connected (mounted) caused by damage to the areas in which the program is mainly stored.	P. 8-214
F101_2		Partition mount error: The HDD cannot be connected (mounted) caused by damage to areas other than those described in the F101_1 and F101_4 to F101_9 errors.	P. 8-214
F101_3		Partition mount error: The HDD cannot be connected (mounted) caused by damage to areas other than those described in the F101_1 and F101_4 to F101_9 errors.	P. 8-214
F101_4		Partition mount error: The HDD cannot be connected (mounted) caused by damage to the "/work" partition.	P. 8-215
F101_5		Partition mount error: The HDD cannot be connected (mounted) caused by damage to the "/registration" partition.	P. 8-216
F101_6		Partition mount error: The HDD cannot be connected (mounted) caused by damage to the "/backup" partition.	P. 8-217
F101_7		Partition mount error: The HDD cannot be connected (mounted) caused by damage to the "/imagedata" partition.	P. 8-218
F101_8		Partition mount error: The HDD cannot be connected (mounted) caused by damage to the "/storage" partition.	P. 8-219
F101_9		Partition mount error: The HDD cannot be connected (mounted) caused by damage to the "/encryption" partition.	P. 8-220
F102		HDD start error: HDD cannot become ‘Ready’ state.	P. 8-221
F103		HDD transfer time-out: Reading/writing cannot be performed in the specified period of time.	P. 8-221
F104		HDD data error: Abnormality is detected in the data of HDD.	P. 8-221
F105		HDD other error	P. 8-221

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Error code	Classification	Contents	Troubleshooting
F106_0	Other service call	ADI-HDD error: Illegal disk replacement detected (ADI-HDD Exchange to SATA-HDD)	P. 8-221
F106_1		ADI-HDD error: HDD type detection error	P. 8-222
F106_2		ADI-HDD error: ADI encryption key download operation error	P. 8-222
F106_3		ADI-HDD error: ADI authentication Admin Password generation error	P. 8-223
F106_4		ADI-HDD error: Authentication random number generation error	P. 8-223
F106_5		ADI-HDD error: Authentication data transmission error	P. 8-223
F106_6		ADI-HDD error: Error caused by reason other than F106_0 to 5 errors.	P. 8-224
F106_7			P. 8-224
F106_8			P. 8-224
F106_10			P. 8-224
F106_UNDEF			P. 8-224
F109_0		Key consistency error: Consistency check operation error.	P. 8-225
F109_1		Key consistency error: SRAM encryption AES key data damage.	P. 8-225
F109_2		Key consistency error: Signature Check public key damage.	P. 8-225
F109_3		Key consistency error: HDD encryption parameter damage.	P. 8-226
F109_4		Key consistency error: license data damage.	P. 8-227
F109_5		Key consistency error: Encryption key for ADI-HDD is damaged.	P. 8-228
F109_6		Key consistency error: Administrator password error for ADI-HDD authentication.	P. 8-229
F110	Communication related service call	Communication error between System-CPU and Scanner-CPU	P. 8-231
F111		Scanner response abnormality	P. 8-231
F120	Other service call	Database abnormality: Database is not operating normally.	P. 8-231
F121		Database abnormality (user information management database)	P. 8-231
F122		Database abnormality (Message/Job log management database)	P. 8-232
F124		Database abnormality: Database is not operating normally. (Language management database)	P. 8-232
F130		Invalid MAC address	P. 8-233
F131		Error due to damage to filtering setting file	P. 8-233
F140		ASIC format error: ASIC formatting fails or memory acquiring fails when software is formatted	P. 8-233
F200		Data Overwrite option (GP-1070) disabled	P. 8-234
F350	Circuit related service call	SYS board abnormality	P. 8-149
F400		SYS cooling fan abnormality	P. 8-234

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Error code	Classification	Contents	Troubleshooting
F500	Other service call	HD partition damage	P. 8-234
F510		Application start error	P. 8-235
F520		Operating system start error	P. 8-235
F521		Integrity check error	P. 8-235
F550		Encryption partition error	P. 8-235
F600		Software update error	P. 8-236
F700		Overwrite error	P. 8-236
F800		Date error	P. 8-236
F900		Machine information alignment error	P. 8-236
F902_1		System firmware / System software model information error - Invalid system firmware/ software is installed.	P. 8-237
F902_4		SYS board model information error	P. 8-238

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8.2.3 Error in Internet FAX / Scanning Function

1. Internet FAX related error

Error code	Classification	Troubleshooting
1C10	System access abnormality	P. 8-239
1C11	Insufficient memory	P. 8-239
1C12	Message reception error	P. 8-239
1C13	Message transmission error	P. 8-239
1C14	Invalid parameter	P. 8-239
1C15	Exceeding file capacity	P. 8-239
1C30	Directory creation failure	P. 8-239
1C31	File creation failure	P. 8-239
1C32	File deletion failure	P. 8-239
1C33	File access failure	P. 8-239
1C40	Image conversion abnormality	P. 8-239
1C60	HDD full failure during processing	P. 8-239
1C61	Address Book reading failure	P. 8-239
1C63	Terminal IP address unset	P. 8-239
1C64	Terminal mail address unset	P. 8-239
1C65	SMTP address unset	P. 8-240
1C66	Server time time-out error	P. 8-240
1C69	SMTP server connection error	P. 8-240
1C6B	Terminal mail address error	P. 8-240
1C6C	Destination mail address error	P. 8-240
1C6D	System error	P. 8-240
1C70	SMTP client OFF	P. 8-240
1C71	SMTP authentication error	P. 8-240
1C72	POP before SMTP error	P. 8-240
1CC0	Job canceling	-
1CC1	Power failure	P. 8-240

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2. RFC related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
2500	Syntax error, command unrecognized	HOST NAME error (RFC: 500) Destination mail address error (RFC: 500) Terminal mail address error (RFC: 500)	P. 8-241
2501	Syntax error in parameters or arguments	HOST NAME error (RFC: 501) Destination mail address error (RFC: 501) Terminal mail address error (RFC: 501)	P. 8-241
2503	Bad sequence of commands	Destination mail address error (RFC: 503)	P. 8-241
2504	Command parameter not implemented	HOST NAME error (RFC: 504)	P. 8-241
2550	Mailbox unavailable	Destination mail address error (RFC: 550)	P. 8-241
2551	User not local	Destination mail address error (RFC: 551)	P. 8-241
2552	Insufficient system storage	Terminal/Destination mail address error (RFC: 552)	P. 8-241
2553	Mailbox name not allowed	Destination mail address error (RFC: 553)	P. 8-241

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3. Electronic Filing related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
2B11	Job status failed.	JOB status abnormality	P. 8-242
2B20	Failed to access file.	File library function error	P. 8-242
2B30	Insufficient disk space.	Insufficient disk space in /BOX partition	P. 8-242
2B31	Failed to access Electronic Filing.	Status of specified Electronic Filing or folder is undefined or being created/deleted	P. 8-242
2B50	Failed to process image.	Image library error	P. 8-242
2B51	Failed to print images from the document box	List library error	P. 8-242
2B71	Document(s) expire(s) in a few days	Documents expiring in a few days exist	-
2B80	Hard Disk space for Electronic Filing nearly full.	Hard disk space in /BOX partition is nearly full (90%).	-
2B90	Insufficient Memory.	Insufficient memory capacity	P. 8-242
2BA0	Invalid Box password specified.	Invalid Box password	P. 8-242
2BA1	Incorrect paper size / invalid color mode / invalid resolution	The specified paper size, color mode or resolution is not available.	P. 8-242
2BB0	Job canceled	Job canceling	-
2BB1	Power failure occurred	Power failure	P. 8-242
2BC0	System fatal error.	Fatal failure occurred	P. 8-242
2BD0	Power failure occurred during e-Filing restoring.	Power failure occurred during restoring of Electronic Filing	P. 8-242
2BE0	Failed to get machine parameter.	Machine parameter reading failure	P. 8-242
2BF0	Maximum number of page range is reached.	Exceeding maximum number of pages	P. 8-242
2BF1	Maximum number of document range is reached.	Exceeding maximum number of documents	P. 8-242
2BF2	Maximum number of folder range is reached.	Exceeding maximum number of folders	P. 8-242

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4. Remote scanning related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
2A20	Failed to acquire resource	System management module resource acquiring failure	P. 8-243
2A31	WS Scan function is not available	Disabled WS Scan	P. 8-243
2A40	System fatal error	System error	P. 8-243
2A50	Job canceling	Job canceling	-
2A51	Power failure	Power failure	P. 8-243
2A60	Authentication for WS Scan failed	WS Scan user authentication failure	P. 8-243
2A70	Insufficient permission to execute RemoteScan	Remote Scan privilege check error	P. 8-243
2A71	Insufficient permission to execute WS Scan	WS Scan privilege check error	P. 8-243
2A72	Insufficient permission to access e-Filing box using scan utility.	e-Filing data access privilege check error (Scan Utility)	P. 8-243

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5. E-mail related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
2C10	Illegal Job status	System access abnormality	P. 8-244
2C11	Not enough memory	Insufficient memory	P. 8-244
2C12	Illegal Job status	Message reception error	P. 8-244
2C13	Illegal Job status	Message transmission error	P. 8-244
2C14	Invalid parameter specified	Invalid parameter	P. 8-244
2C15	Email size exceeded limit or maximum size	Exceeding file capacity	P. 8-244
2C20	Illegal Job status	System management module access abnormality	P. 8-244
2C21	Illegal Job status	Job control module access abnormality	P. 8-244
2C22	Illegal Job status	Job control module access abnormality	P. 8-244
2C30	Failed to create directory	Directory creation failure	P. 8-244
2C31	Failed to create file	File creation failure	P. 8-244
2C32	Failed to delete file	File deletion failure	P. 8-244
2C33	Failed to create file	File access failure	P. 8-244
2C40	Failed to convert image file format	Image conversion abnormality	P. 8-244
2C43	Encryption error. Failed to create file	Encryption error	P. 8-244
2C44	Creating the image file was not permitted.	Encryption PDF enforced mode error	P. 8-244
2C45	Failed in making meta data.	Meta data creation error (Scan to Email)	P. 8-244
2C60	Failed to process your Job. Insufficient disk space.	HDD full failure during processing	P. 8-244
2C61	Failed to read AddressBook	Address Book reading failure	P. 8-245
2C62	Not enough memory	Memory acquiring failure	P. 8-244
2C63	Invalid Domain Address	Terminal IP address unset	P. 8-245
2C64	Invalid Domain Address	Terminal mail address unset	P. 8-245
2C65	Failed to connect to SMTP server	SMTP address unset	P. 8-245
2C66	Failed to connect to SMTP server	Server time time-out error	P. 8-245
2C69	Failed to connect to SMTP server	SMTP server connection error	P. 8-245
2C6A	Failed to send E-Mail message	HOST NAME error (No RFC error)	P. 8-245
2C6B	Invalid address specified in From: field	Terminal mail address error	P. 8-245
2C6C	Invalid address specified in To: field	Destination mail address error (No RFC error)	P. 8-245
2C70	SMTP service is not available	SMTP client OFF	P. 8-245
2C71	Failed SMTP Authentication	SMTP authentication error	P. 8-245
2C72	POP Before SMTP Authentication Failed	POP before SMTP error	P. 8-245
2CC0	Job canceled	Job canceling	-
2CC1	Power failure occurred	Power failure	P. 8-245

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6. File sharing related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
2D10	Illegal Job status	System access abnormality	P. 8-246
2D11	Not enough memory	Insufficient memory	P. 8-246
2D12	Illegal Job status	Message reception error	P. 8-246
2D13	Illegal Job status	Message transmission error	P. 8-246
2D14	Invalid parameter specified	Invalid parameter	P. 8-246
2D15	Document size exceeded limit or maximum size.	Exceeding the maximum size for file sharing	P. 8-246
2D30	Failed to create directory	Directory creation failure	P. 8-246
2D31	Failed to create file	File creation failure	P. 8-246
2D32	Failed to delete file	File deletion failure	P. 8-246
2D33	Failed to create file	File access failure	P. 8-246
2D40	Failed to convert image file format	Image conversion abnormality	P. 8-246
2D43	Encryption error. Failed to create file	Encryption error	P. 8-246
2D44	Creating the image file was not permitted.	Encryption PDF enforced mode error	P. 8-246
2D45	Failed in making meta data.	Meta data creation error (Scan to File)	P. 8-246
2D62	Failed to connect to network destination. Check destination path	File server connection error	P. 8-246
2D63	Specified network path is invalid. Check destination path	Invalid network path	P. 8-246
2D64	Logon to file server failed. Check username and password	Login failure	P. 8-246
2D65	There are too many documents in the folder. Failed in creating new document.	Exceeding documents in folder: Creating new document is failed.	P. 8-247
2D66	Failed To Process your Job. Insufficient Storage space.	Storage capacity full failure during processing	P. 8-247
2D67	FTP service is not available	FTP service not available	P. 8-247
2D68	File Sharing service is not available	File sharing service not available	P. 8-247
2D69	NetWare service is not available	NetWare service not available	P. 8-247
2DA0	Expired scan documents deleted from share folder.	Periodical deletion of scanned documents completed properly.	-
2DA1	Expired Sent Fax documents deleted from shared folder.	Periodical deletion of transmitted FAX documents completed properly.	-
2DA2	Expired Received Fax documents deleted from shared folder.	Periodical deletion of received FAX documents completed properly.	-
2DA3	Scanned documents in shared folder deleted upon user’s request.	Manual deletion of scanned documents completed properly.	-

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Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
2DA4	Sent Fax Documents in shared folder deleted upon user's request.	Manual deletion of transmitted FAX documents completed properly.	-
2DA5	Received Fax Documents in shared folder deleted upon user's request.	Manual deletion of received FAX documents completed properly.	-
2DA6	Failed to delete file.	File deletion failure	P. 8-246
2DA7	Failed to acquire resource.	Resource acquiring failure	P. 8-246
2DC0	Job canceled	Job canceling	-
2DC1	Power failure occurred	Power failure	P. 8-247
2E10	Failed to store document(s) in USB folder.	USB storage system access abnormality	P. 8-247
2E11	Failed to store document(s) in USB folder.	Insufficient memory capacity for USB storage	P. 8-247
2E12	Failed to store document(s) in USB folder.	Message reception error in USB storage	P. 8-247
2E13	Failed to store document(s) in USB folder.	Message transmission error in USB storage	P. 8-247
2E14	Failed to store document(s) in USB folder.	Invalid parameter for USB storage	P. 8-247
2E15	Document size exceeded limit or maximum size	Exceeding the maximum size for file sharing	P. 8-247
2E30	Failed to store document(s) in USB folder.	Creation of a directory failed.	P. 8-247
2E31	Failed to store document(s) in USB folder.	File creation failure in USB storage	P. 8-247
2E32	Failed to store document(s) in USB folder.	File deletion failure in USB storage	P. 8-247
2E33	Failed to store document(s) in USB folder.	File access failure in USB storage	P. 8-248
2E40	Failed to convert image file format	Image conversion abnormality in USB storage	P. 8-248
2E43	Encryption error. Failed to create file.	Encryption failure in USB storage	P. 8-248
2E44	Creating the image file was not permitted.	Encryption PDF enforced mode error in USB storage	P. 8-248
2E45	Failed in making meta data.	Meta data creation error in USB storage (Scan to File)	P. 8-248
2E65	There are too many documents in folders. Failed in creating new document.	File creation error due to insufficient USB folder capacity	P. 8-248
2E66	Failed To Process your Job. Insufficient Storage space.	HDD full failure during USB storage	P. 8-248
2EC0	Job canceled	Job canceling	-
2EC1	Power Failure Job Aborted	Power failure in USB storage	P. 8-248

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7. E-mail reception related error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
3A10	MIME Error has been detected in the received mail.	E-mail MIME error	P. 8-249
3A20	Analyze Error has been detected in the received mail.	E-mail analysis error	P. 8-249
3A30	Whole partial mails were not reached by timeout.	Partial mail time-out error	P. 8-249
3A40	Partial Mail Error has been detected in the received mail.	Partial mail related error	P. 8-249
3A50	HDD Full Error has been occurred in this mail.	Insufficient HDD capacity error	P. 8-249
3A70	Receiving partial mail was aborted since the partial mail setting has been changed to Disable.	Warning of partial mail interruption	P. 8-249
3A80	Partial mail was received during the partial mail setting is disabled.	Partial mail reception setting OFF	P. 8-249
3B10	Format Error has been detected in the received mail.	E-mail format error	P. 8-249
3B20	Content-Type Error has been detected in the received mail.	Content-Type error	P. 8-249
3B40	Decode Error has been detected in the received mail.	E-mail decode error	P. 8-249
3C10	Tiff Analyze Error has been detected in the received mail.	TIFF analysis error	P. 8-249
3C13	Tiff Analyze Error has been detected in the received mail.		P. 8-249
3C20	Tiff Compression Error has been detected in the received mail.	TIFF compression error	P. 8-249
3C30	Tiff Resolution Error has been detected in the received mail.	TIFF resolution error	P. 8-249
3C40	Tiff Paper Size Error has been detected in the received mail.	TIFF paper size error	P. 8-249
3C50	Offramp Destination Error has been detected in the received mail.	Offramp destination error	P. 8-250
3C60	Offramp Security Error has been detected in the received mail.	Offramp security error	P. 8-250
3C70	Power Failure has been occurred in Email receiving.	Power failure error	P. 8-250
3C90	OffRamp Fax transmission disable error has been detected in the received mail.	OffRamp Fax transmission disable error	P. 8-250
3D10	SMTP Destination Error has been detected in the received mail. This mail was deleted.	Destination address error	P. 8-250
3D20	Offramp Destination limitation Error has been detected in the received mail.	Offramp destination limitation error	P. 8-250

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Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
3D30	Fax Board Error has been occurred in the received mail.	FAX board error	P. 8-250
3E10	POP3 Connection Error has been occurred in the received mail.	POP3 server connection error	P. 8-250
3E20	POP3 Connection Timeout Error has been occurred in the received mail.	POP3 server connection time-out error	P. 8-250
3E30	POP3 Login Error has been occurred in the received mail.	POP3 login error	P. 8-250
3E40	POP3 Login Error occurred in the received mail.	POP3 login method error	P. 8-250
3F10	File I/O Error has been occurred in this mail. The mail could not be received until File I/O is recovered.	File I/O error	P. 8-250
3F20			P. 8-250

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8.2.4 Printer function error

Following codes are displayed at the end of the user name on the print job log screen.

Error code	Contents	Troubleshooting
4011	Print job cancellation - Print job (copy, list print, network print) is deleted from the print job screen.	P. 8-251
4021	Print job power failure - The power of the equipment is turned OFF during print job (copy, list print, network print).	P. 8-251
4031	HDD full during print - Large quantity image data by private print or invalid network print are saved in HDD.	P. 8-251
4041	User authentication error: The user who intended to print a document is not registered as a user.	P. 8-251
4042	Department authentication error? A department whose code is specified for a print job is not registered.	P. 8-251
4045	Problem in LDAP server connection or LDAP server authorization settings	P. 8-251
4111	Quota over error (The number of the assigned pages set by department and user management has reached 0.): The numbers of output pages have exceeded those specified with both of the department code and the user code at the same time.	P. 8-251
4112	Quota over error (The number of the assigned pages set by user management has reached 0.): The number of output pages has exceeded the one specified with the user code.	P. 8-251
4113	Quota over error (The number of the assigned pages set by department management has reached 0.): The number of output pages has exceeded the one specified with the department code.	P. 8-251
4121	Job canceling due to external counter error	P. 8-251
4211	Printing data storing limitation error: Printing with its data being stored to the HDD temporarily (Proof print, Private print, Scheduled print, etc.) cannot be performed.	P. 8-251
4212	e-Filing storing limitation error: Printing with its data being stored to the HDD (print and e-Filing, print to e-Filing, etc.) cannot be performed.	P. 8-251
4213	File storing limitation error: The file storing function is set to "disabled".	P. 8-251
4214	Fax/Internet Fax transmission limitation error: Fax / Internet Fax transmission function or Network Fax/Internet Fax function is disabled.	P. 8-251
4221	Private-print-only error: Jobs other than Private print jobs cannot be performed.	P. 8-251
4231	Hardcopy security printing error: hardcopy security printing job is performed when the function is restricted.	P. 8-251
4311	Not being authorized to perform JOB	P. 8-252
4312	Not authorized to store a file	P. 8-252
4313	No privilege for e-Filing storage: No privilege to store e-Filing data is given. (e-Filing storage permission)	P. 8-252
4314	No privilege for Fax / Internet Fax transmission: No privilege to send Fax or Internet Fax jobs is given. (Fax / Internet Fax transmission permission)	P. 8-252
4321	No privilege for print settings: No privilege to print with the specified settings is given. (Print setting permission)	P. 8-252

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Error code	Contents	Troubleshooting
4411	Image data creation failure: Data that you tried to print may be corrupted. • Network print: Data are corrupted or invalid. • Direct print: A file is corrupted or not in a supported format.	P. 8-252
4412	Double-sign encoding error: A double-sign encoding error occurred because the PDF file is encrypted in a forbidden language or in a language not supported.	P. 8-252
4611	Font download failure (exceeding maximum number of registrations): A new font cannot be registered because the number of fonts registered in this equipment has reached the limit.	P. 8-252
4612	Font download failure (HDD full): A new font cannot be registered because there is not sufficient space in the font storage area of this equipment.	P. 8-252
4613	Font download failure (others): A new font cannot be registered due to other abnormality.	P. 8-252
4621	Font deletion failure: A font cannot be deleted because the specified font does not exist, the specified font is undeletable or any other abnormality occurred.	P. 8-252
4F10	Printing was not performed successfully due to other abnormalities.	P. 8-252

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8.2.5 TopAccess related error/Communication error with external application

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
5010	-	Internal setting error: There is a print job, a proof print job, a private print job, a print job without a set department code, a scan job or a fax job remaining in this equipment.	P. 8-253
5012	Invalid temporary password and permanent password	Authentication error: A temporary password downloaded from e-Bridge and entered in this equipment is not valid, or the permanent password set in the e-Bridge is not valid.	P. 8-253
5013	e-Bridge communication error	e-Bridge communication error: Communication is attempted while the e-Bridge is enabled for some reason such as version upgrade.	P. 8-253
5014	No SSL certificate	No SSL certificate: There is no SSL certificate or the certificate is not in a correct file format.	P. 8-253
5015	Invalid SSL certificate	Invalid SSL certificate: SSL certificate is not valid.	P. 8-254
5016	Expired SSL certificateIncorrect time in MFP	Expired SSL certificate: SSL certificate is expired.	P. 8-254
5017	Other SSL certificate related error	Other SSL certificate related error: SSL certificate is invalid.	P. 8-254
5018	Invalid DNS error	Invalid DNS error: DNS address is invalid.	P. 8-254
5019	Connection error	Connection error: Settings for initial URL and proxy are incorrect.	P. 8-254
501A	Proxy error	Proxy error: IP address or port for proxy setting is invalid.	P. 8-255
501B	No URL (host/port) or invalid path	No URL (host/port) or invalid path: Initial URL is invalid.	P. 8-255
5030	HTTP communication error	An error in the HTTP communication	P. 8-255
50FF	eBR2 internal error	A fatal error occurred in the MFP	P. 8-255
5110	Toner Not Recognized - Please Check Toner.	Toner cartridge detection error.	P. 8-255
5212	Time for Slit Glass and Main Charger Cleaning - Please Clean Slit Glass and Main Charger.	Appears when the time for main charger cleaning comes (at every output of approx. 10,000 sheets)	P. 8-256
5BD0	Power failure occurred during restore	Power supply is cut off during the restoration of database sent from TopAccess	P. 8-256
5C10	FAX Unit is not attached.	Network FAX is disabled because the FAX Unit is not attached	P. 8-256

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Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
5C11	Security error on Address Book.	The network FAX job failed because the specified address is not registered in the Address Book	P. 8-256

8.2.6 MFP access error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
6007	Failed user login	Unsuccessful User Login to MFP: User authentication cannot be done because connection to the authentication server has failed.	P. 8-257
6008	Failed to connect on External LDAP server for Role Base Access Control	Failed to connect on External Role Base Access Control (LDAP) Server: User authentication cannot be done because connection to an external RBAC server has failed.	P. 8-257
6013	Failed to connect on the authentication server	Connection failure to the authentication server: Failed to connect to the authentication server	P. 8-257
6032	Illegal period.	Card related error: Expired card: The card cannot be used because it has expired.	P. 8-257
6033	No entering record.	Card related error: Invalid flag data (no room-entry data): The card cannot be used because no room-entry data are recorded in it.	P. 8-257
6034	Illegal entering record.	Card related error: Invalid flag data (invalid card data): The card cannot be used because the data required for the use of the card are not correctly set.	P. 8-257
6041	Card Authentication Failed because of Card Reading Error	Card authentication: Card related error: Card data cannot be obtained correctly.	P. 8-259
6042	Card Authentication Failed because of setting Error	Card authentication: Card setting error: The self-diagnostic code required for card authentication is not set in this equipment correctly.	P. 8-259
6052	Failed to connect on External LDAP server for Role Base Access Control	Failed to connect on External Role Base Access Control (LDAP) Server: User authentication for print job cannot be done because connection to an external RBAC server has failed.	P. 8-259

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Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
6121	SecureErase fails	Automatic Secure Erase failure	P. 8-259
6131	SNTP server synchronization failure	Synchronization with the SNTP server failed.	P. 8-259

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8.2.7 Maintenance error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
7101	Failed to update Copier Firmware	System firmware installation failure	P. 8-260
7103	Failed to update Copier Main ROM	Engine firmware installation failure	P. 8-260
7105	Failed to update Copier Scanner ROM	Scanner firmware installation failure	P. 8-260
7109	Failed to update Printer Driver	Printer driver upload failure	P. 8-260
710B	Failed to update Point And Print	Point and Print data upload failure	P. 8-260
710F	Failed to install Language Pack	Failed to install Language Pack Language Pack installation failure	P. 8-261
7111	Failed to install Patch	Patch installation failure	P. 8-260
7113	Failed to install Plugin	Plug-in installation failure	P. 8-260
7115	Failed to update HDD Data	HDD data installation failure	P. 8-260
7117	Failed to update Reversing Automatic Document Feeder ROM	DF firmware installation failure	P. 8-260
7119	Failed to update PFC ROM	PFC firmware installation failure	P. 8-260
711D	Failed to remove License Key	License key returning failure	P. 8-261
711F	Failed to install License Key	License key installation failure	P. 8-261
71A4	Failed in consistency confirmation of cryptographic key	Cryptographic key consistency confirmation failure	P. 8-261
71AA	Invalid Error Occurd while getting Certificate from SCEP server	Invalid Error Occurd while getting Certificate from SCEP server	P. 8-262
71AB	Timeout Error Occurd while getting Certificate from SCEP server	Timeout Error Occurd while getting Certificate from SCEP server	P. 8-262
71AC	File Save Error Occurd while getting Certificate from SCEP server	File Save Error Occurd while getting Certificate from SCEP server	P. 8-262
71B0	Failed to decrypt Software Package	Software package file decryption failure	P. 8-262
71B5	Failed to update Finisher ROM	Finisher firmware installation failure	P. 8-263
71B7	Failed to update Saddle ROM	Saddle firmware installation failure	P. 8-263
71B9	Failed to update Punch ROM	Punch firmware installation failure	P. 8-263

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8.2.8 Network error

Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
8000	Static IPv4 duplicated address detected	IPv4 address overlaps.	P. 8-264
8011	Link Local address of IPv6 was duplicated.	Linklocal Address Conflict	P. 8-264
8012	Manual address of IPv6 was duplicated.	Manual IPv6 Address Conflict	P. 8-264
8013	Stateless address of IPv6 was duplicated.	Stateless Address Conflict	P. 8-264
8014	Stateful address of IPv6 was duplicated.	Stateful Address Conflict	P. 8-264
8022	Authentication Failure	Failed in 802.1X authentication.	P. 8-264
8023	Can not contact Authentication Server/Switch	Failed in connection to authentication server and switch.	P. 8-265
8024	Certificate verification Failure	Failed in verification of certificate.	P. 8-265
8031	No IKE proposal chosen	Ipsec error for ikev1 certification failed	P. 8-265
8032	IKE Certificate Authentication failed	Ipsec error for wrong proposal choosen	P. 8-265
8033	IKE Pre-shared key Authentication failed	Ipsec error if auth for shared key failed	P. 8-265
8034	Invalid Certificate	Ipsec error if invalid certificate uploaded	P. 8-266
8035	Certificate Type unsupported	Ipsec error if certificate not supported	P. 8-266
8036	Invalid certificate authority	Ipsec error if invalid certificate authentication	P. 8-266
8037	Certificate unavailable	Ipsec error if certificate are not avialable	P. 8-266
8038	No ISAKMP SA established	Ipsec error for SA is not present	P. 8-266
8039	Invalid Signature	Ipsec error for invalid signaturer for certificate	P. 8-267
803A	No IKEv2 proposal chosen	Ipsec error is proposal choosen is wrong	P. 8-267
803B	IKEv2 Certificate Authentication failed	Ipsec error for ikev2 certification failed	P. 8-267
803C	IKEv2 Secret key Authentication failed	Ipsec error for ikev2 if secret key auth failed	P. 8-267
803D	Falling Back to IKEv1	Ipsec error if peer dosent support IKEv2 and falling back to IKEv1	P. 8-267
803E	ISAKMP SA unusable (deleted)	Ipsec error if ISAKMP SA is not created of destroyed due to some uncertain condition	P. 8-268
803F	Crypto operation failed	Ipsec error for ikev2 if crypto operation failed	P. 8-268
8040	Invalid key information	Ipsec error for ikev2 if key info is invalid	P. 8-268
8041	CA not trusted	Ipsec error for ikev2 if CA is not trusted	P. 8-268

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Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
8042	Authentication Method mismatch	Ipsec error if auth method is not matching	P. 8-268
8043	IKE Version mismatch	Ipsec error if ike version is not matching	P. 8-269
8044	Encapsulation mode mismatch	Ipsec error for encaptulation is not matching	P. 8-269
8045	Peer IP Address mismatch	Ipsec error for peer ip mismatch	P. 8-269
8046	Local IP Address mismatch	Ipsec error for local ip mismatch	P. 8-269
8047	Local ID mismatch	Ipsec error for local id mismatch	P. 8-269
8048	Remote ID mismatch	Ipsec error for remote id mismatch	P. 8-269
8049	IPsec Remote IP mismatch	Ipsec error for remote ip mismatch	P. 8-270
804A	IKEv1/IKEv2 Timed out	Ipsec error for ike timeout	P. 8-270
804B	Invalid manual key data	Ipsec error id manual key is not valid	P. 8-270
8061	Secure Update to Primary IPv4 DDNS failed.	Secure primary DDNS update error	P. 8-270
8062	Secure Update to Secondary IPv4 DDNS failed	Secure secondary DDNS update error	P. 8-270
8063	Secure Update to Primary IPv6 DDNS failed.	Secure primary DDNS update error	P. 8-270
8064	Secure Update to Secondary IPv6 DDNS failed	Secure secondary DDNS update error	P. 8-270
8065	IPv6 Update to Primary DDNS failed.	IPv6 primary DDNS update error	P. 8-270
8066	IPv6 Update to Secondary DDNS failed.	IPv6 secondary DDNS update error	P. 8-270
8067	IPv4 Update to Primary DDNS failed.	IPv4 primary DDNS update error	P. 8-270
8068	IPv4 Update to Secondary DDNS failed.	IPv4 secondary DDNS update error	P. 8-270
8069	Invalid TSIG/SIG(0) Key file uploaded	This message is displayed when the key file for SIG(0) or TSIG is invalid	P. 8-271
8101	Wireless association with Access point failure	Wireless association with Access point failure	P. 8-271
8102	Unable to contact Access point	MFP not able to contact the Access point with the specified SSID	P. 8-271
8103	Certificate verification Failure	Wireless Certificate verification failure	P. 8-271
8121	Domain - General Failure during Authentication	Domain - General Failure during Authentication	P. 8-271
8122	Domain - Invalid Username or Password	Domain - Invalid Username or Password	P. 8-272
8123	Domain - Server not present in Network	Domain - Server not present in Network	P. 8-272
8124	Domain - User account is disabled on Server	Domain - User account is disabled on Server	P. 8-272

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Error code	Message displayed in the TopAccess screen	Contents	Troubleshooting
8125	Domain - User account has expired and cannot be used for logon	Domain - User account has expired and cannot be used for logon	P. 8-272
8126	Domain - User account is locked and cannot be used for logon	Domain - User account is locked and cannot be used for logon	P. 8-272
8127	Domain - Invalid logon hours for the User	Domain - Invalid logon hours for the User	P. 8-273
8128	Active Directory Domain - Clock Skew error due to difference in Time between Server and MFP	Active Directory Domain - Clock Skew error due to difference in Time between Server and MFP	P. 8-273
8129	Active Directory Domain - Kerberos Ticket has expired and cannot be used for Authentication	Active Directory Domain - Kerberos Ticket has expired and cannot be used for Authentication	P. 8-273
812A	Active Directory Domain - Verification of the Ticket has failed	Active Directory Domain - Verification of the Ticket has failed	P. 8-273
812B	Active Directory Domain-The Domain specified could not be found	Active Directory Domain-The Domain specified could not be found	P. 8-273

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8.2.9 Error history

In the setting mode (08-9703), the latest twenty groups of error data will be displayed.
Display example

EA10	99999999	2013-07-11 17:05:32	064	064	2362_1000_0000_0_XXXXXXXXX
Error code	Total counter	YYYY-MM-DD HH:MM:SS	MMM	NNN	ABCD_EFHI_JLOP_Q_R
4 digits	8 digits	14 digits	3 digits	3 digits	23 digits

A	Paper source
	0: Not selected 1: Bypass feed 2: LCF 3: 1st drawer 4: 2nd drawer 5: PFP upper drawer 6: PFP lower drawer 7: Unused 8: Unused
B	Paper size code
	0: A5/ST 1: A5-R 2: ST-R 3: LT 4: A4 5: B5-R 6: LT-R 7: A4-R 8: OTHER/UNIV 9: B5 A: FOLIO/COMP B: LG C: B4 D: LD E: A3 F: 13"LG G: Unused H: A6-R I: Post card J: 8.5"SQ K: A3-wide L: LD wide M: 8K N: 16K-R O: 16K P: COM10 Q: DL R: Monarch S: CHO-3 T: YOU-4 U: SRA3(320x450) V: SRA3(320x460) Z: Not selected
C	Sort mode/staple mode
	0: Non-sort/Non-staple 1: Group 2: Sort 7: Front staple 8: Double staple 9: Rear staple A: Saddle stitch B: Center fold
D	ADF mode
	0: Unused 1: AUTO FEED (SADF) 2: STACK FEED
E	APS/AMS mode
	0: Not selected 1: APS 2: AMS
F	Duplex mode
	0: Not selected 1: Book 2: Double-sided/Single-sided 4: Double-sided/Duplex copying 8: Single-sided/Duplex copying
G	Unused
H	Image shift
	0: Unused 1: Book 2: Left 3: Right 4: Top 5: Bottom 6: Book+Top 7: Book+Bottom 8: Left+Top 9: Left+Bottom A: Right+Top B: Right+Bottom
I	Editing
	0: Unused 1: Masking 2: Trimming 3: Mirror image 4: Unused 5: NEG/POS
J	Edge erase/Dual-page
	0: Unused 1: Edge erase 2: Dual-page 3: Edge erase & Dual-page
K	Unused
L	Function
	0: Unused 1: Copying 2: FAX/Internet FAX transmission 3: FAX/Internet FAX/E-mail reception printing 4: Unused 5: Printing/List print 6: Scan/E-mail transmission
MMM	Primary scanning reproduction ratio (Display in hexadecimal)
	(Mx256)+(Mx16)+M
NNN	Secondary scanning reproduction ratio (Display in hexadecimal)
	(Nx256)+(Nx16)+N
O	Color mode
	0: Auto color 1: Full color 2: Black 3: Unused 4: Twin color copy 5: Gray scale 6: Unused 7: Image smoothing

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P	Media type
	0: Plain paper 1: Thick 1 2: Thick 2 3: Thick 3 4: Thick 4 5: Special paper 1 6: Special paper 2 7: Recycled paper 8: Plain paper 1 9: Plain paper 2 A: Thin paper B: OHP film C: Thick 1/ reverse D: Thick 2/ reverse E: Thick 3/ reverse F: Thick 4/ reverse G: Special paper 1/ reverse H: Special paper 2/ reverse I: Envelope J: Tab paper K: Plain paper/ reverse L: Recycled paper/ reverse M: Thin paper/ reverse N: Special paper 3/ reverse O: Special paper 3/ reverse P: Envelope/ reverse Z: Unused
Q	RADF size mixed
	0: Unused 1: Size mixed 2: Single-size document
R	Workflow ID: 10-digit ID

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8.3 Diagnosis and Prescription for Each Error Code

8.3.1 Check item

Check item	Contents
Sensor check	• Check the sensor in the test mode. • Check that there is no dust on the sensor. • Check that the actuator is correctly operated.
Connector check	• Check that the connector is not disconnected. • Check that the pins are not deformed and do not come off. • Disconnect and reconnect the connector.
Harness check	• Check if the harnesses are open circuited.
Motor check	• Check the motor in the test mode. • Check that there is no abnormality in the driving section. • Check that there is no abnormality in the roller.
Board check	• Check if the board is short circuited or open circuited.

8.3.2 Paper transport jam (paper exit section)

[E010] Jam not reaching the exit sensor

Classification	Error content
Paper transport jam	Jam not reaching the exit sensor

Phenomenon of paper jamming	Check item	Measures
Paper jamming immediately after the removal and installation of the transfer belt unit.	Transfer belt unit	Check if the transfer belt unit is installed properly. 📖 P. 4-130 "4.7.3 Transfer belt unit (TBU)"
Paper separation failure at separation guide in the Fuser Unit	Fuser unit	• Paper transport check • Check the gap between the separation guide and fuser belt. 📖 P. 6-86 "6.12.1 Adjustment of the Separation Guide Gap"
	Drawer	Check that paper is not skewed in the side guides of the drawer.
	Leading edge margin	Adjust the margin with 05-4402 (Leading edge position adjustment) to "Color: 5.5 mm". Widen the margin if needed. (Specification Black: 4.2 mm / Color: 5 mm) • Use A3/LD paper • It is easy to check skew with a copy of a solid image (about 10 mm on its leading edge). Refer to 📖 P. 6-15 "[C] Secondary scanning data writing start position".
Paper jamming at separation finger in the Fuser Unit.	Fuser unit	Clean the separation finger. Check if the fingers or springs of the separation finger are securely attached. Replace the separation finger.

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Phenomenon of paper jamming	Check item	Measures
The leading edge of paper has no scratches and the paper stops before being fused.	Fuser unit	Check that the pressure release screw of the pressure roller is securely tightened and pressure is properly applied.
	Transfer belt	Replace the transfer belt. Replace the transfer belt unit.
Paper folded in one side and fused during duplex printing		Check if toner adheres to the fuser entry guide. Clean it if needed.
All	Exit sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[C]) • Actuator check • Connector check • Harness check
	LGC board	• Board check • Connector check (CN355, CN361, CN362) • Harness check
	DRV board	• Board check • Connector check (CN450, CN451, CN461) • Harness check

Parts to be replaced	Remark
Separation finger of the fuser unit	
Transfer belt	
Transfer belt unit	
Exit sensor	
LGC board	
DRV board	

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[E020] Stop jam at the exit sensor

Classification	Error content
Paper transport jam	Stop jam at the exit sensor

Phenomenon of paper jamming	Check item	Measures
Paper jamming at separation finger in the Fuser Unit.	Fuser unit	Clean the separation finger. Check if the fingers or springs of the separation finger are securely attached. Replace the separation finger.
Paper separation failure at separation guide in the fuser unit	Fuser unit	• Paper transport check • Check the gap between the separation guide and fuser belt. 📖 P. 6-86 "6.12.1 Adjustment of the Separation Guide Gap"
	Drawer	Check that paper is not skewed in the side guides of the drawer.
	Leading edge margin	Adjust the margin with 05-4402 (Leading edge position adjustment) to "Color: 5.5 mm". (Specification Black: 4.2 mm / Color: 5 mm) • Use A3/LD paper • It is easy to check skew with a copy of a solid image (about 10 mm on its leading edge). Refer to 📖 P. 6-15 "[C] Secondary scanning data writing start position".
Scratches on the leading edge of paper		Check if toner adheres to the exit gate. Clean it if needed.
Paper stopped in the reverse section	Reverse gate solenoid	• Solenoid check (Perform the output check: 03-222, 03-223) • Connector check (J1010, J1118, CN351) • Harness check
All	Self-diagnosis code	Change the setting value of 08-4542 (Switching for incorrect size jam detection) from “1” (Disabled) to “0”(Enabled).
	Exit sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[C]) • Actuator check • Connector check • Harness check
	LGC board	• Board check • Connector check (CN356, CN355) • Harness check

Parts to be replaced	Remark
Separation finger of the fuser unit	
Reverse gate solenoid	
Exit sensor	
LGC board	

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8.3.3 Paper misfeeding

[E110] ADU misfeeding (paper not reaching the registration sensor)

Classification	Error content
Paper transport jam	ADU misfeeding (paper not reaching the registration sensor)

Phenomenon of paper jamming	Check item	Measures
Paper stop jam at the registration roller position	Registration guide	Check the registration guide. Replace it if needed.
All	Registration sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[A]) • Connector check (J1077, J1114) • Harness check
	DRV board	• Board check • Connector check (CN450, CN451, CN462) • Harness check
	LGC board	• Board check • Connector check (CN361, CN362) • Harness check
	ADU	Check if the connector between the ADU and equipment is connected.

Parts to be replaced	Remark
Registration sensor	
DRV board	
LGC board	
Rollers in the ADU	Clean or replace it.

[E120] Bypass misfeeding (paper not reaching the bypass feed sensor)

Classification	Error content
Paper transport jam	Bypass misfeeding (paper not reaching the feed sensor)

Check item	Measures
Bypass feed clutch	• Clutch check (Perform the output check: 03-204) • Connector check (J1073, CN461, J1109) • Harness check
Feed sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[B]) • Connector check (J1072, CN461, J1109) • Harness check
DRV board	• Board check • Connector check (CN462, CN450, CN451) • Harness check
LGC board	• Board check • Connector check (CN361, CN362) • Harness check

Parts to be replaced	Remark
Bypass feed clutch	
Feed sensor	
DRV board	

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Parts to be replaced	Remark
LGC board	
Bypass feed roller	Replace it if it is worn out.
Bypass separation roller	Replace it if it is worn out.

[E130] 1st drawer misfeeding (paper not reaching the 1st drawer feed sensor)

Classification	Error content
Paper transport jam	1st drawer misfeeding (paper not reaching the feed sensor)

Check item	Measures
Feed sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[B]) • Connector check (J1072, CN462, J1109) • Harness check
1st drawer feed clutch	• Clutch check (Perform the output check: 03-201) • Connector check (CN391, J1016) • Harness check
DRV board	• Board check • Connector check (CN462, CN450, CN451) • Harness check
LGC board	• Board check • Connector check (CN361, CN362) • Harness check

Parts to be replaced	Remark
Feed sensor	
DRV board	
LGC board	
1st drawer feed clutch	
1st drawer feed roller	Replace it if it is worn out.
1st drawer separation roller	Replace it if it is worn out.
1st drawer pickup roller	Replace it if it is worn out.

[E140] 2nd drawer misfeeding (paper not reaching the 2nd drawer feed sensor)

Classification	Error content
Paper transport jam	2nd drawer misfeeding (paper not reaching the 2nd drawer feed sensor)

Check item	Measures
2nd drawer feed sensor	• Sensor check (Perform the input check: 03-[FAX]ON/[4]/[D]) • Connector check (J1085, J1111, CN454) • Harness check
2nd drawer feed clutch	• Clutch check (Perform the output check: 03-202) • Harness check • Connector check (J1084, CN453)
DRV board	• Board check • Connector check (CN462, CN450, CN451) • Harness check

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Check item	Measures
LGC board	• Board check • Connector check (CN361, CN362) • Harness check

Parts to be replaced	Remark
2nd drawer feed sensor	
DRV board	
LGC board	
2nd drawer feed clutch	
2nd drawer feed roller	Replace it if it is worn out.
2nd drawer separation roller	Replace it if it is worn out.
2nd drawer pickup roller	Replace it if it is worn out.

[E150] PFP upper drawer misfeeding (paper not reaching the PFP upper drawer feed sensor)

Classification	Error content
Paper transport jam	PFP upper drawer misfeeding (paper not reaching the PFP upper drawer feed sensor)

Check item	Measures
PFP upper drawer feed sensor	• Sensor check (Perform the input check: 03-[FAX]ON/[0]/[C]) • Connector check (CN247, J959, J975) • Harness check
PFP upper drawer feed clutch	• Clutch check (Perform the output check: 03-226) • Connector check (CN246, J960, J963) • Harness check
LGC board	• Board check • Connector check (CN371) • Harness check
PFP board	• Board check • Connector check (J959, CN241, CN246, CN247) • Harness check

Parts to be replaced	Remark
PFP upper drawer feed sensor	
PFP upper drawer feed clutch	
LGC board	
PFP board	
PFP upper drawer feed roller	Replace it if it is worn out.
Separation roller	Replace it if it is worn out.
Pickup roller	Replace it if it is worn out.

[E160] PFP lower drawer misfeeding (paper not reaching the PFP lower drawer feed sensor)

Classification	Error content
Paper transport jam	PFP lower drawer misfeeding (paper not reaching the PFP lower drawer feed sensor)

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Check item	Measures
PFP upper drawer feed sensor	• Sensor check (Perform the input check: 03-[FAX]ON/[0]/[D]) • Connector check (CN247, J959, J976) • Harness check
PFP upper drawer feed clutch	• Clutch check (Perform the output check: 03-228) • Connector check (CN246, J960, J962) • Harness check
LGC board	• Board check • Connector check (CN371) • Harness check
PFP board	• Board check • Connector check (J959, CN241, CN246, CN247) • Harness check

Parts to be replaced	Remark
PFP lower drawer feed sensor	
PFP lower drawer feed clutch	
LGC board	
PFP board	
PFP lower drawer feed roller	Replace it if it is worn out.
Separation roller	Replace it if it is worn out.
Pickup roller	Replace it if it is worn out.

[E190] LCF misfeeding (paper not reaching the LCF feed sensor)

Classification	Error content
Paper transport jam	LCF misfeeding (paper not reaching the LCF feed sensor)

Check item	Measures
LCF feed sensor	• Sensor check (Perform the input check: 03-[COPY]ON/[9]/[F]) • Connector check (CN1, CN6, CN349) • Harness check
LCF feed clutch	• Clutch check (Perform the output check: 03-209) • Connector check (CN1, CN6, CN349) • Harness check
LGC board	• Board check • Connector check (CN371) • Harness check
PFP board	• Board check • Connector check (CN1, CN6) • Harness check

Parts to be replaced	Remark
LCF feed sensor	
LCF feed clutch	
LGC board	
PFP board	
LCF feed roller	Replace it if it is worn out.
Separation roller	Replace it if it is worn out.
Pickup roller	Replace it if it is worn out.

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8.3.4 Paper transport jam

[E200] 1st drawer transport jam (not reaching the registration sensor)
[E210] 2nd drawer transport jam (not reaching the registration sensor)
[E270] Bypass transport jam (not reaching the registration sensor)
[E300] PFP upper drawer transport jam (not reaching the registration sensor)
[E330] PFP lower drawer transport jam (not reaching the registration sensor)
[E3C0] LCF transport jam (not reaching the registration sensor)

Classification	Error content
Paper transport jam	1st drawer transport jam (not reaching the registration sensor) 2nd drawer transport jam (not reaching the registration sensor) Bypass transport jam (not reaching the registration sensor) PFP upper drawer transport jam (not reaching the registration sensor) PFP lower drawer transport jam (not reaching the registration sensor) LCF transport jam (not reaching the registration sensor)

Check item	Measures
Registration sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[A]) • Connector check (CN462, J1114, J1077) • Harness check
1st drawer feed clutch	• Clutch check (Perform the output check: 03-201) • Connector check (CN391, J1016) • Harness check
2nd drawer feed clutch	• Clutch check (Perform the output check: 03-202) • Connector check (CN453, J1084) • Harness check
Bypass feed clutch	• Clutch check (Perform the output check: 03-204) • Connector check (CN461, J1109) • Harness check
Transport clutch (H)	• Clutch check (Perform the output check: 03-230) • Connector check (CN453, J1089) • Harness check
Transport clutch (L)	• Clutch check (Perform the output check: 03-233) • Connector check (CN453, J1090) • Harness check
DRV board	• Board check • Connector check (CN462, CN450, CN451) • Harness check
LGC board	• Board check • Connector check (CN361, CN362) • Harness check

Parts to be replaced	Remark
Registration sensor	
1st drawer feed clutch	
2nd drawer feed clutch	
Bypass feed clutch	
Transport clutch (H)/(L)	
DRV board	
LGC board	
Feed roller	Replace it if it is worn out.

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Parts to be replaced	Remark
Separation roller	Replace it if it is worn out.
Pickup roller	Replace it if it is worn out.
Transport roller	Replace it if it is worn out.

[E220] 2nd drawer transport jam (not reaching the feed sensor)
[E310] PFP upper drawer transport jam (not reaching the feed sensor)
[E340] PFP lower drawer transport jam (not reaching the feed sensor)
[E3D0] LCF transport jam (not reaching the feed sensor)

Classification	Error content
Paper transport jam	2nd drawer transport jam (not reaching the feed sensor) PFP upper drawer transport jam (not reaching the feed sensor) PFP lower drawer transport jam (not reaching the feed sensor) LCF transport jam (not reaching the feed sensor)

Check item	Measures
Feed sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[B]) • Connector check (CN462, J1114, J1078) • Harness check
Transport clutches (high speed)	• Clutch check (Perform the output check: 03-230) • Connector check (CN453, J1089) • Harness check
Transport clutches (low speed)	• Clutch check (Perform the output check: 03-233) • Connector check (CN453, J1090) • Harness check
DRV board	• Board check • Connector check (CN453, CN450, CN451) • Harness check
LGC board	• Board check • Connector check (CN361, CN362) • Harness check

Parts to be replaced	Remark
1st drawer feed sensor	
Transport clutches (high speed)	
Transport clutches (low speed)	
DRV board	
LGC board	
Feed roller	Replace it if it is worn out.
Separation roller	Replace it if it is worn out.
Pickup roller	Replace it if it is worn out.
Transport roller	Replace it if it is worn out.

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[E320] PFP upper drawer transport jam (not reaching the 2nd drawer feed sensor)
[E350] PFP lower drawer transport jam (not reaching the 2nd drawer feed sensor)
[E3E0] LCF transport jam (not reaching the 2nd drawer feed sensor)

Classification	Error content
Paper transport jam	PFP upper drawer transport jam (not reaching the 2nd drawer feed sensor) PFP lower drawer transport jam (not reaching the 2nd drawer feed sensor) LCF transport jam (not reaching the 2nd drawer feed sensor)

Check item	Measures
2nd drawer feed sensor	• Sensor check (Perform the input check: 03-[FAX]ON/[1]/[F]) • Connector check (J1085, J1111, CN454) • Harness check
LGC board	• Board check • Connector check (CN371) • Harness check

Parts to be replaced	Remark
2nd drawer feed sensor	
LGC board	
Feed roller	Replace it if it is worn out.
Separation roller	Replace it if it is worn out.
Pickup roller	Replace it if it is worn out.
Transport roller	Replace it if it is worn out.

[E360] PFP lower drawer transport jam (not reaching the PFP upper drawer feed sensor)

Classification	Error content
Paper transport jam	PFP lower drawer transport jam (not reaching the PFP upper drawer feed sensor)

Check item	Measures
PFP upper drawer feed sensor	• Sensor check (Perform the input check: 03-[FAX]ON/[0]/[C]) • Connector check (CN247, J959, J975) • Harness check
PFP transport clutch	• Clutch check (Perform the output check: 03-225) • Connector check (CN241, CN247, J957) • Harness check
LGC board	• Board check • Connector check (CN371) • Harness check
PFP board	• Board check • Connector check (CN241, CN247) • Harness check

Parts to be replaced	Remark
PFP lower drawer feed sensor	
PFP transport clutches	
LGC board	
PFP board	

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Parts to be replaced	Remark
Feed roller	Replace it if it is worn out.
Separation roller	Replace it if it is worn out.
Pickup roller	Replace it if it is worn out.
PFP transport roller	Replace it if it is worn out.

[E510] ADU transport stop jam

Classification	Error content
Paper transport jam	ADU transport stop jam

Check item	Measures
Reverse sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[D]) • Connector check (J1064, J1104) • Harness check
ADU entrance sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[G]) • Connector check (J1067, CN421) • Harness check
Reverse motor	• Motor check (Perform the output check: 03-121/171) • Connector check (J1001, J1118, CN351) • Harness check
LGC board	• Connector check (CN353, CN390) • Harness check • Board check
ADU board	• Connector check (CN420, CN421, CN422, J1064) • Harness check • Board check
Reverse roller	Roller check (attrition, deformation, deterioration)
Upper exit roller	Roller check (attrition, deformation, deterioration)

Parts to be replaced	Remark
Reverse sensor	
ADU entrance sensor	
Reverse motor	
LGC board	
ADU board	
Reverse roller	
Upper exit roller	

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[E520] Stop jam in the ADU

Classification	Error content
Paper transport jam	Stop jam in the ADU

Check item	Measures
ADU entrance sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[H]) • Connector check (J1066, CN421) • Harness check
LGC board	• Board check • Connector check (CN390) • Harness check
ADU board	• Board check • Connector check (J1064, CN420, CN421, CN422) • Harness check
ADU motor	• Motor check (Perform the output check: 03-110/160) • Connector check (J1065, CN422) • Harness check • Bracket check

Parts to be replaced	Remark
ADU entrance sensor	
ADU motor	
LGC board	
ADU board	
Rollers in the ADU	Replace it if it is worn out.
Pressure spring	

[E570] Jam not reaching the reverse sensor

Classification	Error content
Paper transport jam	Jam not reaching the reverse sensor

Check item	Measures
Reverse sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[D]) • Connector check (J1064, J1104) • Harness check
Fuser motor	• Motor check (Perform the output check: 03-113) • Connector check (J1007) • Harness check
Reverse motor	• Motor check (Perform the output check: 03-121/171) • Connector check (J1001, J1118, CN351) • Harness check
Reverse gate solenoid	• Solenoid check (Perform the output check: 03-222, 03-223) • Connector check (J1010, J1118, CN351) • Harness check
LGC board	• Connector check (CN353, CN390) • Harness check • Board check
Reverse roller	Roller check (attrition, deformation, deterioration)

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Parts to be replaced	Remark
Reverse sensor	
Fuser motor	
Reverse motor	
Reverse gate solenoid	
LGC board	
Reverse roller	

[E580] Stop jam at the reverse section

Classification	Error content
Paper transport jam	Stop jam at the reverse section

Check item	Measures
Reverse sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[D]) • Connector check (J1064, J1104) • Harness check
Reverse motor	• Motor check (Perform the output check: 03-121/171) • Connector check (J1001, J1118, CN351) • Harness check
Reverse gate solenoid	• Solenoid check (Perform the output check: 03-222, 03-223) • Connector check (J1010, J1118, CN351) • Harness check
LGC board	• Connector check (CN353, CN390) • Harness check • Board check
Reverse roller	Roller check (attrition, deformation, deterioration)
Upper exit roller	Roller check (attrition, deformation, deterioration)

Parts to be replaced	Remark
Reverse sensor	
Reverse motor	
Reverse gate solenoid	
LGC board	
Reverse roller	
Upper exit roller	

[EB50] Paper remaining on the transport path due to multiple feeding

Classification	Error content
Paper transport jam	Paper remaining on the transport path due to multiple feeding

When the paper is fed from any of the 1st drawer, bypass feed unit or ADU:
(When the paper is fed from the 1st drawer:)

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Check item	Measures
Feed sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[B]) • Connector check (J1078, J1114, CN462) • Harness check
DRV board	• Board check • Connector check (CN462, CN450, CN451) • Harness check
LGC board	• Board check • Connector check (CN361, CN362) • Harness check

Parts to be replaced	Remark
Feed sensor	
DRV board	
LGC board	
Separation roller	Replace it if it is worn out.

(When the paper is fed from the bypass feed unit:)

Check item	Measures
Feed sensor	• Sensor check(Perform the input check: 03-[ALL]OFF/[9]/[B]) • Connector check (J1078, J1114, CN462) • Harness check
DRV board	• Board check • Connector check (CN462, CN450, CN451) • Harness check
LGC board	• Board check • Connector check (CN361, CN362) • Harness check

Parts to be replaced	Remark
1st drawer feed sensor	
DRV board	
LGC board	
Separation roller, Separation pad	Replace it if it is worn out.

(When the paper is fed from the ADU:)

Check item	Measures
ADU entrance sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[H]) • Connector check (J1066, CN421) • Harness check
LGC board	• Board check • Connector check (CN390, CN361, CN362) • Harness check
ADU board	• Board check • Connector check (J1064, CN420, CN421, CN422) • Harness check

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Check item	Measures
Registration sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[A]) • Connector check (J1077, J1114, CN462) • Harness check
DRV board	• Board check • Connector check (CN462, CN450, CN451) • Harness check

Parts to be replaced	Remark
ADU entrance sensor	
LGC board	
ADU board	
DRV board	
Registration sensor	
Roller	Replace it if it is worn out.

When the paper is fed from any of the 2nd drawer, PFP or LCF:

Check item	Measures
Feed sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[B]) • Connector check (J1078, J1114, CN462) • Harness check
2nd drawer paper feed sensor	• Sensor check (Perform the input check: 03-[FAX]ON/[4]/[D]) • Connector check (J1085, J1111, CN454) • Harness check
DRV board	• Board check • Connector check (CN454, CN462, CN450, CN451) • Harness check
LGC board	• Board check • Connector check (CN361, CN362) • Harness check

Parts to be replaced	Remark
Feed sensor	
Paper feed sensor	
LGC board	
DRV board	
Roller	Replace it if it is worn out.

[EB60] Paper remaining on the transport path due to multiple feeding

Classification	Error content
Paper transport jam	

Check item	Measures
Registration sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[A]) • Connector check (CN462, J1114, J1077) • Harness check

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Check item	Measures
DRV board	• Board check • Connector check (CN462, CN450, CN451) • Harness check
LGC board	• Connector check (CN361, CN362) • Board check
Drive unit, Rollers	• Gear check • Roller check

Parts to be replaced	Remark
Registration sensor	
DRV board	
LGC board	
Rollers	Replace it if it is worn out.

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8.3.5 Other paper jam

[E011] Paper jam caused by clinging to the transfer belt (Paper not reached the paper clinging detection sensor)

Classification	Error content
Other paper jam	Paper jam caused by clinging to the transfer belt (Paper not reached the paper clinging detection sensor)

Phenomenon of paper jamming	Check item	Measures
Paper jamming immediately after the removal and installation of the transfer belt unit.	Transfer belt unit	Check if the transfer belt unit is installed properly. 📖 P. 4-130 "4.7.3 Transfer belt unit (TBU)"
Paper stop jam at transfer belt	Drawer	Check if paper is folded at the leading edge.
No scratches on the paper leading edge	Drawer	Check if paper is folded at the leading edge. Check that paper is not skewed in the side guides of the drawer.
	Process unit	Clean the process unit or replace it.
	Paper clinging detection sensor	Clean the sensor

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Phenomenon of paper jamming	Check item	Measures
All	DRV board	• Board check • Connector check (CN461, CN450, CN451) • Harness check
	LGC board	• Board check • Connector check (CN361, CN362) • Harness check
	Paper clinging detection sensor	• Sensor check (Perform the input check: 03-[ALL]OFF/[9]/[E]) • Connector check (J643, J645, J1109, CN461) • Harness check
	Check of the 2nd transfer roller connection	Check that the 2nd transfer roller shaft is securely grounded via the frame. • Check if the leaf spring is deformed. • Check if the shaft tip and the leaf spring contact properly.
	Change of the 2nd transfer bias	If the leading edge of paper clings to the 2nd transfer roller and causes paper jamming, change the 2nd transfer roller bias correction factor of the leading/trailing edge of the paper. (The larger the value, the smaller the transfer voltage of the leading/trailing edge of the paper.) Codes to be changed (Initial value of the transfer bias of the leading edge of the paper: 0) • Color mode print (top side): 05-2938-* • Color mode print (back side): 05-2939-* • Black mode print (top side): 05-2940-* • Black mode print (back side): 05-2941-* Sub codes:* → Plain paper: 0, Thick paper 1: 1, Thick paper 2: 2, Thick paper 3: 3, Overhead transparencies: 4, Special paper 1: 5, Special paper 2: 6, Recycled paper: 7, Thick paper 4: 8, Thin paper: 9, Envelope: 10, Special paper 3: 11 **Notes:** After these codes are changed, perform solid duplex-printing and check that there is no faint or void image on the leading/trailing edge of the paper.

Parts to be replaced	Remark
Process unit	
Registration motor	
DRV board	
LGC board	
Paper clinging detection sensor	
Registration roller	Replace it if it is worn out.

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[E013] Jam not reaching transport sensor after paper alignment at the registration roller

Classification	Error content
Other paper jam	Jam not reaching transport sensor after paper alignment at the registration roller

Phenomenon of paper jamming	Check item	Measures
Paper stop jam at Registration roller	Drawer	Check if any damage is at the leading edge. Check if paper is folded at the leading edge.
	Drive unit, Rollers	• Drive unit check • Gear check • Roller check
	Developer unit	Replace the Developer unit.

Parts to be replaced	Remark
Rollers	
Developer unit	

[E030] Power-ON jam

Classification	Error content
Other paper jam	Power-ON jam

Check item	Measures
Sensor in the jamming area	• Sensor check (Refer to the table below) • Connector check • Harness check
LGC board	• Board check • Connector check • Harness check

Parts to be replaced	Remark
Sensor in the jamming area	Refer to the table below.
LGC board	

Relation between the jamming area and the corresponding sensors/covers.
(If a jam is occurring in the ADU, LCF or PFP, check the board in each unit.)

Jamming area	Cover	Sensor	Test Mode/Input check
Registration area	Jam access cover	Registration sensor	03-[ALL]OFF/[9]/[A]
		Paper clinging detection sensor	03-[ALL]OFF/[9]/[E]
		Registration pass sensor	03-[ALL]OFF/[9]/[F]
		Feed sensor	03-[ALL]OFF/[9]/[B]
Exit area	Fuser cover	Exit sensor	03-[ALL]OFF/[9]/[C]
ADU	ADU	ADU entrance sensor	03-[ALL]OFF/[9]/[G]
		ADU exit sensor	03-[ALL]OFF/[9]/[H]
Bypass feed unit	Side cover	2nd drawer feed sensor	03-[FAX]ON/[4]/[D]
LCF	LCF side cover	LCF feed sensor	03-[COPY]ON/[9]/[F]

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Jamming area	Cover	Sensor	Test Mode/Input check
PFP	PFP side cover	PFP upper drawer feed sensor	03-[FAX]ON/[0]/[C]
		PFP lower drawer feed sensor	03-[FAX]ON/[0]/[D]
Bridge unit	Bridge unit	Bridge unit transport sensor-1 (Entrance sensor)	03-[ALL]OFF/[0]/[A]
		Bridge unit transport sensor-2 (Exit sensor)	03-[ALL]OFF/[0]/[B]
Finisher	Finisher door	Sensors in the finisher	-

[E061]Incorrect paper size setting for 1st drawer
[E062]Incorrect paper size setting for 2nd drawer
[E063]Incorrect paper size setting for PFP upper drawer
[E064]Incorrect paper size setting for PFP lower drawer
[E065]Incorrect paper size setting for bypass tray

If any paper remains in the equipment or drawer, remove it. Match the paper size of the drawer setting and the one in the drawer.

* Paper size detection is performed at the first sheet of paper when the drawer is opened or closed, or when the power of the equipment is turned ON.

[E090]Image data delay jam

Classification	Error item
Other paper jam	Image data to be printed cannot be prepared.

Check item	Measures
Other	• Remove the paper remained in front of the registration sensor) • Check if the error is cleared by turning the power OFF and then back ON.
SYS board	• Connector check • Main memory check • Board check
LGC board	• Connector check • Board check
HDD	• Connector check • HDD check

Replace parts	Remarks
SYS board	
LGC board	
HDD	
Main memory	

[E091] Motor on time-out jam

Classification	Error item
Other paper jam	The equipment does not operate normally because abnormality occurred on an interface between the SYS board and engine firmware.

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Check item	Measures
Other	• Check if there is any paper in the equipment. Remove it if there is. • If the error still occurs, check the following.
Power	Check if the error is cleared by turning the power OFF and then back ON.
SYS board	• Connector check • Board check
LGC board	• Connector check • Board check
HDD	• Connector check • HDD check

Replace parts	Remarks
SYS board	
LGC board	
HDD	

[E0A0]Image transport ready time-out jam

Classification	Error content
Other paper jam	Image transport ready time-out jam

Check item	Measures
LGC board	Connector check

Parts to be replaced	Remark
LGC board	

[E550] Paper remaining jam on the transport path

Classification	Error content
Other paper jam	Paper remaining on the transport path when printing is finished (caused by a multiple paper feeding)

Step	Check Item	Result	Measure	Next Step
1	Jamming transport path		Open the cover of the unit/area whose picture is flashing on the control panel and remove any paper on the transport path.	
2	Feed or transport roller possibly causing multiple feeding		Check the feed roller.	
3	Sensor in the jamming area		• Sensor check (Refer to the table below) • Harness check • Connector check	

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Step	Check Item	Result	Measure	Next Step
4	LGC board		• Harness check • Connector check • Board check	
	Notes: If the jam is occurring in the ADU, PFP, or LCF, check the board in each unit.			

Parts to be replaced	Remark
Feed or transport roller possibly causing multiple feeding	
Sensor in the jamming area	Refer to the table below.
LGC board	

Relation between the jamming area and the corresponding sensors/covers.

Jamming area	Cover	Sensor	Test Mode/Input check
Registration area	Jam access cover	Registration sensor	03-[ALL]OFF/[9]/[A]
		Paper clinging detection sensor	03-[ALL]OFF/[9]/[E]
		Registration pass sensor	03-[ALL]OFF/[9]/[F]
		Feed sensor	03-[ALL]OFF/[9]/[B]
Exit area	Fuser cover	Exit sensor	03-[ALL]OFF/[9]/[C]
ADU	ADU	ADU entrance sensor	03-[ALL]OFF/[9]/[G]
		ADU exit sensor	03-[ALL]OFF/[9]/[H]
Bypass feed unit	Side cover	2nd drawer feed sensor	03-[FAX]ON/[4]/[D]
LCF	LCF side cover	LCF feed sensor	03-[COPY]ON/[9]/[F]
PFP	PFP side cover	PFP upper drawer feed sensor	03-[FAX]ON/[0]/[C]
		PFP lower drawer feed sensor	03-[FAX]ON/[0]/[D]
Bridge unit	Bridge unit	Bridge unit transport sensor-1 (Entrance sensor)	03-[ALL]OFF/[0]/[A]
		Bridge unit transport sensor-2 (Exit sensor)	03-[ALL]OFF/[0]/[B]
Finisher	Finisher door	Sensors in the finisher	-

[E551] Paper remaining jam on the transport path (when a service call occurs)
[E552] Paper remaining jam on the transport path (when the cover is closed)

Classification	Error content
Other paper jam	Paper remaining on the transport path when printing is finished (when a service call occurs) (E551) Paper remaining on the transport path when printing is finished (when the cover is closed) (E552)

Step	Check Item	Result	Measure	Next Step
1	Jamming transport path		Open the cover of the unit/area whose picture is flashing on the control panel and remove any paper on the transport path.	

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Step	Check Item	Result	Measure	Next Step
2	Sensor in the jamming area		• Sensor check (Refer to the table below) • Harness check • Connector check	
3	LGC board		• Harness check • Connector check • Board check	
	Notes: If the jam is occurring in the ADU, LCF or PFP, check the board in each unit.			

Parts to be replaced	Remark
Feed or transport roller possibly causing multiple feeding	
Sensor in the jamming area	Refer to the table below.
LGC board	

Relation between the jamming area and the corresponding sensors/covers.

Jamming area	Cover	Sensor	Test Mode/Input check
Registration area	Jam access cover	Registration sensor	03-[ALL]OFF/[9]/[A]
		Paper clinging detection sensor	03-[ALL]OFF/[9]/[E]
		Registration pass sensor	03-[ALL]OFF/[9]/[F]
		Feed sensor	03-[ALL]OFF/[9]/[B]
Exit area	Fuser cover	Exit sensor	03-[ALL]OFF/[9]/[C]
ADU	ADU	ADU entrance sensor	03-[ALL]OFF/[9]/[G]
		ADU exit sensor	03-[ALL]OFF/[9]/[H]
Bypass feed unit	Side cover	2nd drawer feed sensor	03-[FAX]ON/[4]/[D]
LCF	LCF side cover	LCF feed sensor	03-[COPY]ON/[9]/[F]
PFP	PFP side cover	PFP upper drawer feed sensor	03-[FAX]ON/[0]/[C]
		PFP lower drawer feed sensor	03-[FAX]ON/[0]/[D]
Bridge unit	Bridge unit	Bridge unit transport sensor-1 (Entrance sensor)	03-[ALL]OFF/[0]/[A]
		Bridge unit transport sensor-2 (Exit sensor)	03-[ALL]OFF/[0]/[B]
Finisher	Finisher door	Sensors in the finisher	-

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8.3.6 Cover open jam

[E410] Front cover open jam

Classification	Error content
Cover open jam	Front cover open jam

Check item	Measures
Switching regulator	• Is the voltage of 24V being supplied from the power supply unit? (Perform the input check: 03-[ALL]OFF[7]/[D]) • Connector check (CN323) • Fuse check (F201, F202, F203)
HVT board	• Board check • Connector check (CN530, CN531) • Harness check
LGC board	• Board check • Connector check (CN374, CN372, CN373, CN369) • Harness check
Front cover switch	• Switch check (Perform the input check: 03-[ALL]OFF/[7]/[C]) • Connector check (J1052) • Harness check

Parts to be replaced	Remark
Switching regulator	
LGC board	
High-voltage transformer	
Front cover switch	

[E420] PFP side cover open jam

Classification	Error content
Cover open jam	PFP side cover open jam

Check item	Measures
PFP side cover opening/ closing switch	• Is the PFP side cover opening/closing switch working? (Perform the input check: 03-[FAX]ON/[0]/[A]) • Connector check (CN247, J959, J974) • Harness check
PFP board	• Board check • Connector check (CN241, CN247) • Harness check
LGC board	• Board check • Connector check (CN371) • Harness check

Parts to be replaced	Remark
PFP side cover opening/ closing switch	
PFP board	
LGC board	

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[E430] ADU opened during printing

Classification	Error content
Cover open jam	ADU open jam

Check item	Measures
Side cover switch	• Is the switch working? (Perform the input check: 03-[ALL]OFF[7]/[A]) • Connector check (J1008, J1009, CN354) • Harness check
LGC board	• Board check • Connector check (CN354) • Harness check

Parts to be replaced	Remark
Side cover switch	
LGC board	

[E440] Jam access cover open jam

Classification	Error content
Cover open jam	Jam access cover open jam

Check item	Measures
Jam access cover opening/ closing switch	• Is the jam access cover opening/closing switch working? (Perform the input check: 03-[FAX]ON/[4]/[A]) • Connector check (J1083, J1111) • Harness check
DRV board	• Board check • Connector check (CN454, CN450, CN451) • Harness check
LGC board	• Board check • Connector check (CN361, CN362) • Harness check

Parts to be replaced	Remark
Jam access cover opening/ closing switch	
DRV board	
LGC board	

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[E450] LCF side cover open jam

Classification	Error content
Cover open jam	LCF side cover open jam

Check item	Measures
LCF side cover opening/ closing switch	• Is the switch working? (Perform the input check: 03-[COPY]ON/[9]/[A]) • Connector check (CN7, CN70) • Harness check
LCF board	• Board check • Connector check (CN7, CN1) • Harness check
LGC board	• Board check • Connector check (CN371) • Harness check

Parts to be replaced	Remark
LCF side cover opening/ closing switch	
LCF board	
LGC board	

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[E480] Bridge unit open jam

Classification	Error content
Cover open jam	Bridge unit open jam

Check item	Measures
Bridge unit cover opening/ closing detection sensor	• Is the sensor working? (Perform the input check: 03-[ALL]OFF/[7]/[B]) • Connector check (J805) • Harness check
LGC board	• Board check • Connector check (CN354) • Harness check

Parts to be replaced	Remark
Bridge unit cover opening/ closing detection sensor	
LGC board	

[E490] Job separator cover has opened during printing

Classification	Error content
Cover open jam	Job separator cover open jam

Check item	Measures
Job separator cover switch	• Is the Job separator cover switch working? (Perform the input check: 03-[ALL]OFF[7]/[B]) • Connector check (CN260, CN261) • Harness check
LGC board	• Board check • Connector check (CN302) • Harness check

Parts to be replaced	Remark
Job separator cover switch	
LGC board	

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8.3.7 RADF jam

[E712] Jam not reaching the original registration sensor

Classification	Error content
RADF jam	Jam not reaching the original registration sensor

Check item	Measures
Pickup roller Feed roller Separation roller	Clean them if ther are stained.
Original registration sensor	• Sensor check (Perform the input check: 03-[FAX] ON[7]/[H]) • Connector check (CN74, J88, J86) • Harness check
RADF board	• Board check • Connector check (CN74) • Harness check

Parts to be replaced	Remark
Original registration sensor	
RADF board	
Pickup roller	Replace it if it is worn out
Feed roller	Replace it if it is worn out.
Separation roller	Replace it if it is worn out.

[E714] Feed signal reception jam

Classification	Error content
RADF jam	Feed signal reception jam

Check item	Measures
Empty sensor	• Sensor check (Perform the input check: 03-[FAX] ON[7]/[B]) • Lever check • Connector check (CN75, J92, J96) • Harness check
RADF board	• Board check • Connector check (CN75) • Harness check

Parts to be replaced	Remark
Empty sensor	
RADF board	

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[E721] Jam not reaching the read sensor

Classification	Error content
RADF jam	Jam not reaching the read sensor

Phenomenon of paper jamming	Check item	Measures
All	Registration sensor Read roller	Clean the registration roller and the read roller if they are stained.
	Read sensor	• Sensor check (Perform the input check: 03-[FAX] ON[7]/[G]) • Connector check (CN75, J94) • Harness check
	RADF board	• Board check • Connector check (CN75) • Harness check

Parts to be replaced	Remark
Reading start guide of the RADF	
Paper guide of the RADF	
Read sensor	
RADF board	
Registration roller	Replace it if it is worn out.
Read roller	Replace it if it is worn out.

[E722] Jam not reaching the original exit/reverse sensor (during scanning)

Classification	Error content
RADF jam	Jam not reaching the original exit/reverse sensor (during scanning)

Check item	Measures
Read roller	Clean the read roller if it is stained.
Original exit/reverse sensor	• Sensor check (Perform the input check: 03-[FAX] ON[7]/[E]) • Connector check (CN75, J93) • Harness check
RADF board	• Board check • Connector check (CN75) • Harness check

Parts to be replaced	Remark
Original exit/reverse sensor	
RADF board	
Read roller	Replace it if it is worn out.

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[E724] Stop jam at the registration sensor

Classification	Error content
RADF jam	Stop jam at the registration sensor

Check item	Measures
Registration roller	Clean the registration roller if it is stained.
Registration sensor	• Sensor check (Perform the input check: 03-[FAX] ON[7]/[H]) • Connector check (J86, J88) • Harness check
RADF board	• Board check • Connector check (CN74) • Harness check
Original width detection sensor-1	• Sensor check (Perform the input check: 03-[FAX] ON[8]/[F]) • Connector check (J94) • Harness check
Original width detection sensor-2	• Sensor check (Perform the input check: 03-[FAX] ON[8]/[G]) • Connector check (J94) • Harness check

Parts to be replaced	Remark
Registration sensor	
RADF board	
Registration roller	Replace it if it is worn out.
Original width detection sensor-1	
Original width detection sensor-2	

[E725] Stop jam at the read sensor

Classification	Error content
RADF jam	Stop jam at the read sensor

Check item	Measures
Read roller	Clean the read roller if it is stained.
Read sensor	• Sensor check (Perform the input check: 03-[FAX] ON[7]/[G]) • Connector check (CN75, J94) • Harness check
Original intermediate transport sensor	• Sensor check (Perform the input check: 03-[FAX] ON[7]/[F]) • Connector check (CN75, J94) • Harness check
RADF board	• Board check • Connector check (CN75) • Harness check

Parts to be replaced	Remark
Read sensor	
RADF board	
Read roller	Replace it if it is worn out.

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Parts to be replaced	Remark
Original intermediate transport sensor	

[E726] Transport/exit signal reception jam

Classification	Error content
RADF jam	Transport/exit signal reception jam

Check item	Measures
RADF board	• Board check • Connector check • Harness check
SYS board	• Board check • Connector check • Harness check
Switching power supply	• Check if the 24V and 5V outputs of the switching power supply are normal. • Board check • Connector check • Harness check

Parts to be replaced	Remark
RADF board	
SYS board	
Switching power supply	

[E731] Stop jam at the original exit/reverse sensor

Classification	Error content
RADF jam	Stop jam at the original exit/reverse sensor

Check item	Measures
Exit roller	Clean the exit roller if it is stained.
Stop jam at the original exit/ reverse sensor	• Sensor check (Perform the input check: 03-[FAX] ON[7]/[E]) • Connector check (J93, CN75) • Harness check
RADF board	• Board check • Connector check (CN75) • Harness check

Parts to be replaced	Remark
Exit sensor	
RADF board	
Exit roller	Replace it if it is worn out.

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[E860] RADF jam access cover open

Classification	Error content
RADF jam	RADF jam access cover open

Check item	Measures
RADF jam access cover sensor	• Switch check (Perform the input check: 03-[FAX] ON[7]/[C]) • Connector check (CN72) • Harness check
RADF board	• Board check • Connector check (CN72) • Harness check

Parts to be replaced	Remark
RADF jam access cover sensor	
RADF board	

[E870] RADF open jam

Classification	Error content
RADF jam	RADF open jam

Check item	Measures
RADF opening/closing sensor	• Sensor check (Perform the input check: 03-[FAX] ON[7]/[D]) • Connector check (J87, CN80) • Harness check • Is the RADF opening/closing sensor adjusted within the specified range?
RADF board	• Board check • Connector check (CN80) • Harness check

Parts to be replaced	Remark
RADF opening/closing sensor	
RADF board	

[E871] Cover open jam in the read ready status

Classification	Error item
RADF jam	Jam caused by opening of the Original jam access cover or front cover while the RADF is waiting for the scanning start signal from the equipment.

Check item	Measures
RADF	• Close the RADF if it is opened. • Remove if there is any original before closing it.

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Check item	Measures
Original jam access cover opening/ closing sensor	• Sensor check (Perform the input check: 03: [FAX]/ON/[7]/[C]) • Connector check (J97, J92, CN75) • Harness check
RADF board	• Connector check (CN75) • Board check

Replace parts	Remarks
Original jam access cover opening/ closing sensor	
RADF board	

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8.3.8 Jam in bridge unit

[E910] Paper not reaching the bridge unit transport sensor-1
[E920] Paper stopping at the bridge unit transport sensor-1

Classification	Error content
Jam in bridge unit	Paper not reaching the bridge unit transport sensor-1 Paper stopping at the bridge unit transport sensor-1

Phenomenon of paper jamming	Check item	Measures
Paper separation failure at separation guide in the fuser unit	Fuser unit	• Check the gap between the separation guide and the fuser belt. 📖 P. 6-86 "6.12.1 Adjustment of the Separation Guide Gap" • Paper tranceport check
	Drawer	Check that paper is not skewed in the side guides of the drawer.
	Leading edge margin	Adjust the margin with 05-4402 (Leading edge position adjustment) to "Color: 5.5 mm". Widen the margin if needed. (Specification Black: 4.2 mm / Color: 5 mm) • Use A3/LD paper • It is easy to check skew with a copy of a solid image (about 10 mm on its leading edge). Refer to "6.1.1 Image Related Adjustment".
There are scratches on the leading paper edge		Replace it if needed.Check if the guide is not deformed. Replace it if needed.
All	Bridge unit exit	Check that Mylar on the bridge unit exit is not deformed. Replace it if needed. (E920)
	Finisher	Check if paper jamming occurs in the finisher.
	Bridge unit transport sensor-1 (entrance sensor)	• Sensor check (Perform the input check: 03-[ALL]OFF[0]/[A]) • Connector check (CN354, J801, J1011) • Harness check
	Bridge unit gate solenoid	• Solenoid check (Perform the output check: 03-232) • Connector check (CN354, J804, J1011) • Harness check
	LGC board	• Board check • Connector check (CN354) • Harness check
	Bridge unit	• Does the transport roller of the bridge unit work when the fuser motor is rotated? (Perform the output check: 03-113/163) • Check the drive system of the equipment and bridge unit. • Check if the rollers in the exit roller, the pressure spring and the bridge unit are worn out.

Parts to be replaced	Remark
Bridge unit transport sensor-1 (entrance sensor)	
LGC board	
Bridge unit gate solenoid	

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[E930] Paper not reaching the bridge unit transport sensor-2
[E940] Paper stopping at the bridge unit transport sensor-2

Classification	Error content
Jam in bridge unit	Paper not reaching the bridge unit transport sensor-2 Paper stopping at the bridge unit transport sensor-2

Check item	Measures
Bridge unit transport sensor-2 (exit sensor)	• Sensor check (Perform the input check: 03-[ALL]OFF[0]/[B]) • Connector check (CN354, J802, J1011) • Harness check
LGC board	• Board check • Connector check (CN354, J1011) • Harness check
Bridge unit	• Does the transport roller of the bridge unit work when the fuser motor is rotated? (Perform the output check: 03-113/163) • Check the drive system of the equipment and bridge unit. • Check if the rollers in the exit roller, the pressure spring and the bridge unit are worn out.

Parts to be replaced	Remark
Bridge unit transport sensor-2 (exit sensor)	
LGC board	

[E950] Jam not reaching the JSP feed sensor
[E951] Stop jam at the JSP feed sensor

Classification	Error content
Job separator jam	Jam not reaching the job separator transport sensor Stop jam at the job separator transport sensor

Procedure	Check item	Result	Measure	Next Step
1	Open the JSP cover. Is there any paper on the transport path?	Yes	Remove the paper.	
		No		2
2	Is the JSP feed sensor working? (Perform the input check in the test mode: 03-[ALL]OFF/[0]/[A])	Yes		3
		No	• Check if the connector of the JSP feed sensor is disconnected. • Check if either of the connectors CN260 or CN262 on the JSP board is disconnected. • Check if the connector CN397 on the LGC board is disconnected. • Check if the connector pins are disconnected and the harnesses are open circuited. • Check if the conductor patterns on the JSP board and LGC board are short circuited or open circuited. • Replace the JSP feed sensor. • Replace the JSP board. • Replace the LGC board.	

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Procedure	Check item	Result	Measure	Next Step
3	Replacing board		• Replace the JSP board. • Replace the LGC board.	

Parts to be replaced	Remark
JSP feed sensor	
JSP board	
LGC board	

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8.3.9 Paper jam in finisher section

[EA10] 1st transport motor (M8) fault/ 2nd transport motor (M4) fault

Classification	Error content
Finisher jam (Finisher section)	Paper transport delay jam

MJ-1036

Probable cause	Checking and measures
1st transport motor (M8) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN22)
2nd transport motor (M4) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN14)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the motor and the connector, exchange the finisher control PC board (FIN).

[EA10] Paper transport delay jam

Classification	Error content
Paper jam in finisher section	Paper transport delay jam

MJ-1107

Check item	Measures
Entrance sensor	Is there a disconnection of the connector, incorrect installation or breakage of the entrance sensor (S1)?
Gate solenoid	• Is the gap between the flapper and entrance roller shaft other than 0.60±0.20mm when the gate solenoid (SOL2) is pulled? • Is the harness between the gate solenoid (SOL2) and the finisher control PC board (CN22) disconnected or open circuited?
Entrance motor	Is the harness between the entrance motor (M1) and the finisher control PC board (CN7) disconnected or open circuited?

Parts to be replaced	Remark
Entrance sensor	
Finisher controller PC board	

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[EA10] Transport delay jam (paper not inserted)
MJ-1108

Classification	Error content
Paper jam in finisher section	Transport delay jam (paper not inserted)

Check item	Measures
Finisher	Check if there is any paper in the finisher or on the transport path of the equipment and remove it if there is.
Feeding sensor (S22)	Check if there is a disconnection of the connector, incorrect installation or breakage of the feeding sensor (S22). If there is, reinstall the sensor correctly or replace it.
Transport path switching solenoid (SOL5)	Check that the gap between the transfer guide surface and the upper surface of the flapper tip is in the acceptable range according to the status of the transport path switching solenoid (SOL5) (solenoid OFF: 1.5 to 2.1 mm, solenoid ON: 2.3 to 2.9 mm). If it is not, adjust it.
Entrance motor (M1)	Check the harness between the entrance motor (M1) and the finisher controller board (CN26). If there is any abnormality, correct it.
Interface PC board (I/F)	Check the harness between the transport path switching solenoid (SOL5) and the interface PC board (CN6), If there is any abnormality, correct it. • Board check • Connector check (CN5, CN6, CN7) • Harness check
Finisher control PC board (FIN)	• Board check • Connector check (CN25, CN27) • Harness check

Parts to be replaced	Remark
Feeding sensor (S22)	
Transport path switching solenoid (SOL5)	
Entrance motor (M1)	
Interface PC board (I/F)	
Finisher control PC board (FIN)	

[EA20] 1st transport motor (M8) fault/ 2nd transport motor (M4) fault

Classification	Error content
Finisher jam (Finisher section)	Paper transport delay jam

MJ-1036

Probable cause	Checking and measures
1st transport motor (M8) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN22)

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Probable cause	Checking and measures
2nd transport motor (M4) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN14)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the motor and the connector, exchange the finisher control PC board (FIN).

[EA20] Paper transport stop jam

Classification	Error content
Paper jam in finisher section	Paper transport delay jam

MJ-1107

Phenomenon of paper jamming	Check item	Measures
All	Transport sensor	• Sensor check • Connector check (S2) • Harness check
	Finisher controller PC board	Board check(CN22)

Parts to be replaced	Remark
Transport sensor	
Finisher controller PC board	

[EA20] Paper transport stop jam (entrance sensor)

Classification	Error content
Paper jam in finisher section	Paper transport stop jam (entrance sensor)

MJ-1108

Phenomenon of paper jamming	Check item	Measures
All	Finisher	Check if there is any paper in the finisher or on the transport path of the equipment and remove it if there is.
	Entrance sensor (S1)	• Sensor check • Connector check • Harness check
	Finisher control PC board (FIN)	• Board check • Connector check (CN26) • Harness check

Parts to be replaced	Remark
Entrance sensor (S1)	
Finisher control PC board (FIN)	

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[EA21] Paper size error jam (transport sensor)

Classification	Error content
Paper jam in finisher section	Paper size error jam (transport sensor) Paper size error jam (punch paper edge sensor)

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Check item	Measures
Entrance sensor	• Sensor check(S1) • Connector check (CN7, CN22) • Harness check
Transport sensor	• Sensor check(S2) • Connector check (CN7, CN22) • Harness check

Parts to be replaced	Remark
Entrance sensor	
Transport sensor	
Finisher contoller PC board	

MJ-1108

Phenomenon of paper jamming	Check item	Measures
All	Finisher	Check if there is any paper in the finisher or on the transport path of the equipment and remove it if there is.
	Entrance sensor (S1)	• Sensor check • Connector check • Harness check
	Transport sensor (S2)	• Sensor check • Connector check • Harness check
	Finisher control PC board (FIN)	• Board check • Connector check (CN6, CN26) • Harness check

Parts to be replaced	Remark
Entrance sensor (S1)	
Transport sensor (S2)	
Finisher control PC board (FIN)	

[EA22] Paper size error jam (punch paper edge sensor)

Classification	Error content
Paper jam in finisher section	Paper size error jam (transport sensor) Paper size error jam (punch paper edge sensor)

MJ-1107

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Check item	Measures
Entrance sensor	• Sensor check(S1) • Connector check (CN7, CN22) • Harness check
Transport sensor	• Sensor check(S2) • Connector check (CN7, CN22) • Harness check
Paper position sensor	• Sensor check (S6-1, S6-2) • Connector check (CN1, CN2) • Harness check

Parts to be replaced	Remark
Entrance sensor	
Transport sensor	
Paper position sensor	
Finisher contoller PC board	

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Phenomenon of paper jamming	Check item	Measures
All	Finisher	Check if there is any paper in the finisher or on the transport path of the equipment and remove it if there is.
	Entrance sensor (S1)	• Sensor check • Connector check • Harness check
	Transport sensor (S2)	• Sensor check • Connector check • Harness check
	Paper position sensor	• Sensor check (S6-1, S6-2) • Connector check (CN1, CN2) • Harness check
	Finisher control PC board (FIN)	• Board check • Connector check (CN6, CN26) • Harness check

Parts to be replaced	Remark
Entrance sensor	
Transport sensor	
Paper position sensor	
Finisher control PC board	

[EA23] Paper transport stop jam (transport sensor)
[EA24] Paper transport stop jam (between entrance & transport sensor)
[EA25] Paper transport stop jam (after paper stack exit)
[EA26] Paper transport stop jam (stop command request)
[EA27] Paper transport stop jam (paper not inserted)
[EA28] Paper transport stop jam (paper holder plate operation delay)
[EA29] Paper transport stop jam (stack transport delay)

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Classification	Error content
Paper jam in finisher section	Paper transport stop jam (transport sensor) Paper transport stop jam (between entrance & transport sensor) Paper transport stop jam (after paper stack exit) Paper transport stop jam (stop command request) Paper transport stop jam (paper not inserted) Paper transport stop jam (paper holder plate operation delay) Paper transport stop jam (stack transport delay)

Phenomenon of paper jamming	Check item	Measures
All	Finisher	Check if there is any paper in the finisher or on the transport path of the equipment and remove it if there is.
	Entrance sensor (S1)	• Sensor check • Connector check • Harness check
	Transport sensor (S2)	• Sensor check • Connector check • Harness check
	Processing tray sensor (S12)	• Sensor check • Connector check • Harness check
	Paper holding cam	Is there any mechanical problem when the paper holding cam is rotated?
	Buffer roller drive motor (M6)	• Motor check • Connector check • Harness check
	Buffer tray guide	Open and close the buffer tray guide. If there is any mechanical problem, fix its mechanism.
	Buffer tray guide motor (M3)	• Motor check • Connector check • Harness check
	Finisher control PC board (FIN)	• Board check • Connector check (CN7, CN11, CN18, CN22) • Harness check

Parts to be replaced	Remark
Entrance sensor	
Transport sensor	
Processing tray sensor	
Buffer roller drive motor	
Buffer tray guide motor	
Finisher contoller PC board	

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Phenomenon of paper jamming	Check item	Measures
All	Finisher	Check if there is any paper in the finisher or on the transport path of the equipment and remove it if there is.
	Entrance sensor (S1)	• Sensor check • Connector check • Harness check
	Transport sensor (S2)	• Sensor check • Connector check • Harness check
	Processing tray sensor (S12)	• Sensor check • Connector check • Harness check
	Paper holding cam	Is there any mechanical problem when the paper holding cam is rotated?
	Assist arm motor (M10)	• Motor check • Connector check • Harness check
	Buffer tray guide	Open and close the buffer tray guide. If there is any mechanical problem, fix its mechanism.
	Buffer tray guide motor (M2)	• Motor check • Connector check • Harness check
	Finisher control PC board (FIN)	• Board check • Connector check (CN6, CN13, CN11, CN18, CN26) • Harness check

Parts to be replaced	Remark
Entrance sensor (S1)	
Transport sensor (S2)	
Processing tray sensor (S12)	
Assist arm motor (M10)	
Buffer tray guide motor (M2)	
Finisher control PC board (FIN)	

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[EA25] Stack exit motor (M5) abnormality

Classification	Error content
Paper jam in finisher section	Paper transport jam in the Finisher

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Probable cause	Checking and measures
Stack exit motor (M5) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connectors. (Finisher control PC board (FIN): CN14)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the motor, sensor and connectors, exchange the finisher control PC board (FIN).

[EA2A] Paper transport jam in the Finisher (Entrance path - middle path sensor)

Classification	Error content
Paper jam in finisher section	Paper transport jam in the Finisher (Entrance path - middle path sensor)

MJ-1036

Probable cause	Checking and measures
1st transport motor (M8) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
2nd transport motor (M4) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Entrance path sensor (S19) abnormality	Measure the voltage on TP86 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Middle path sensor (S7) abnormality	Measure the voltage on TP84 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN6, CN14, CN22)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the sensor and the connector, replace the finisher control PC board (FIN).

[EA2B] Paper transport jam in the Finisher (Middle path sensor)

Classification	Error content
Paper jam in finisher section	Paper transport jam in the Finisher (Middle path sensor)

MJ-1036

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Probable cause	Checking and measures
2nd transport motor (M4) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Entrance path sensor (S19) abnormality	Measure the voltage on TP86 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Middle path sensor (S7) abnormality	Measure the voltage on TP84 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN6, CN14, CN22)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the sensor and the connector, replace the finisher control PC board (FIN).

[EA2C] Paper transport jam in the Finisher (Entrance path - sub-path sensor)

Classification	Error content
Paper jam in finisher section	Paper transport jam in the Finisher (Entrance path - sub-path sensor)

MJ-1036

Probable cause	Checking and measures
1st transport motor (M8) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
2nd transport motor (M4) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Entrance path sensor (S19) abnormality	Measure the voltage on TP86 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Sub-path sensor (S8) abnormality	Measure the voltage on TP85 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Stationary tray full detection sensor (S11) abnormality	Measure the voltage on TP26 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN6, CN10, CN14, CN22)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the sensor and the connector, replace the finisher control PC board (FIN).

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[EA2D] Paper transport jam in the Finisher (Sub-path sensor)

Classification	Error content
Paper jam in finisher section	Paper transport jam in the Finisher (Sub-path sensor)

MJ-1036

Probable cause	Checking and measures
2nd transport motor (M4) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Entrance path sensor (S19) abnormality	Measure the voltage on TP86 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Sub-path sensor (S8) abnormality	Measure the voltage on TP85 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Stationary tray full detection sensor (S11) abnormality	Measure the voltage on TP26 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN6, CN10, CN14, CN22)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the sensor and the connector, replace the finisher control PC board (FIN).

[EA2E] Paper transport remaining jam in the Finisher (sub-path sensor)

Classification	Error content
Paper jam in finisher section	Paper transport remaining jam in the Finisher (sub-path sensor)

MJ-1036

Probable cause	Checking and measures
Entrance path sensor (S19) abnormality	Measure the voltage on TP86 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Sub-path sensor (S8) abnormality	Measure the voltage on TP85 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.

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Probable cause	Checking and measures
Stationary tray full detection sensor (S11) abnormality	Measure the voltage on TP26 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN6, CN10, CN22)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the sensor and the connector, replace the finisher control PC board (FIN).

[EA31] Transport jam in Finisher

Classification	Error content
Paper jam in finisher section	Paper transport remaining jam in the Finisher

MJ-1036

Probable cause	Checking and measures
Entrance path sensor (S19) abnormality	Measure the voltage on TP86 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Middle path sensor (S7) abnormality	Measure the voltage on TP84 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Sub-path sensor (S8) abnormality	Measure the voltage on TP85 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN6, CN22)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the sensor and the connector, exchange the finisher control PC board (FIN).

[EA31] Transport path paper remaining jam

Classification	Error content
Paper jam in finisher section	Transport path paper remaining jam

MJ-1107

Check item	Measures
Transport sensor	• Sensor check (S2) • Connector check (CN22) • Harness check

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Check item	Measures
Entrance sensor	• Sensor check (S1) • Connector check (CN7, CN22) • Harness check
Paper position sensor	• Sensor check (S6-1, S6-2) • Connector check (CN1, CN2) • Harness check
Finisher controller PC board	• Borad check • Connector check (CN22) • Harness check

Parts to be replaced	Remark
Transport sensor	
Entrance sensor	
Paper position sensor	
Finisher controller PC board	

MJ-1108

Phenomenon of paper jamming	Check item	Measures
All	Finisher	Check if there is any paper in the finisher or on the transport path of the equipment and remove it if there is.
	Entrance sensor (S1)	• Sensor check • Connector check • Harness check
	Feeding sensor (S22)	• Sensor check (S22) • Connector check (CN8) • Harness check
	Paper position sensor	• Sensor check (S6-1, S6-2) • Connector check (CN1, CN2) • Harness check
	Transport sensor (S2)	• Sensor check • Connector check • Harness check
	Finisher control PC board (FIN)	• Board check • Connector check (CN6) • Harness check

Parts to be replaced	Remark
Entrance sensor	
Feeding sensor	
Paper position sensor	
Transport sensor	
Finisher control PC board	

[EA32] Finishing tray paper detection error

Classification	Error content
Paper jam in finisher section	Exit paper remaining jam

MJ-1036

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Probable cause	Checking and measures
Finishing tray sensor (S4) abnormality	Measure the voltage on TP14 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN5)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the sensor and the connector, exchange the finisher control PC board (FIN).

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[EA32] Exit paper remaining jam

Classification	Error content
Paper jam in finisher section	Exit paper remaining jam

MJ-1107

Check item	Measures
Processing tray sensor	• Sensor check(S12) • Connector check (CN11) • Harness check
Finisher controller PC board	• Sensor check • Connector check (CN11) • Harness check

Parts to be replaced	Remark
Processing tray sensor	
Finisher controller PC board	

MJ-1108

Phenomenon of paper jamming	Check item	Measures
All	Finisher	Check if there is any paper in the finisher or on the transport path of the equipment and remove it if there is.
	Processing tray sensor (S12)	• Sensor check • Connector check • Harness check
	Finisher control PC board (FIN)	• Board check • Connector check (CN18) • Harness check

Parts to be replaced	Remark
Processing tray sensor (S12)	
Finisher control PC board (FIN)	

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[EA40] Cover open detection error

Classification	Error content
Paper jam in finisher section	Cover open error

MJ-1036

Probable cause	Checking and measures
Sub-path opening/closing sensor (S12) abnormality	Measure the voltage on TP12 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Front cover switch (SW1) abnormality	Measure the voltage on TP77 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when the switch is ON and within the range of 3.3V ± 5% when OFF. If the voltage does not fall within the range mentioned, replace the switch.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN10, CN13)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the switches, sensor and connector, exchange the finisher control PC board (FIN).

[EA40] Door open jam

Classification	Error content
Paper jam in finisher section	Door open jam

MJ-1107

Check item	Measures
Front cover	• Close the front cover if it's open.
Front cover switch	• Switch check(SW1) • Connector check (CN16) • Harness check
Stationary tray opening/closing switch	• Switch check(SW2) • Connector check (CN16) • Harness check
Finisher controller PC board	• Switch check • Connector check (CN16) • Harness check

Parts to be replaced	Remark
Handle cover	If it is broken.
Front cover switch	
Stationary tray opening/closing switch	
Finisher controller PC board	

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[EA40] Cover open error

Classification	Error content
Paper jam in finisher section	Cover open error

MJ-1108

Check item	Measures
Cover	• Close the front cover or the stationary tray if they are opened.
Front cover switch (SW1)	• Sensor check • Connector check • Harness check
Stationary tray opening/closing switch (SW2)	• Sensor check • Connector check • Harness check
Finisher controller board	• Connector check(CN16) • Board check

Parts to be replaced	Remark
Cover locking bracket	If it is broken.
Front cover switch (SW1)	
Stationary tray opening/closing switch (SW2)	
Finisher controller board	

[EA50] Stapling jam

Classification	Error content
Paper jam in finisher section	Stapling jam

MJ-1036

Probable cause	Checking and measures
Staple unit stapling start position sensor (S17) abnormality	Measure the voltage on TP23 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when the sensor is ON and within the range of 3.3V±5% when OFF. If the voltage does not fall within the range mentioned, replace the staple unit.
Staple unit staple empty sensor (S18) abnormality	Measure the voltage on TP24 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when the sensor is ON and within the range of 3.3V±5% when OFF. If the voltage does not fall within the range mentioned, replace the staple unit.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connectors. (Finisher control PC board (FIN): CN17)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the staple unit and the connectors, exchange the finisher control PC board (FIN).

[EA50] Stapling jam

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Classification	Error content
Paper jam in finisher section	Stapling jam

MJ-1107

Check item	Measures
Stapler	• Check if there is any paper in the finisher or on the transport path of the equipment or on the finishing tray. Remove it if there is • Is the jam cleared by taking off the staple cartridge from the finisher and removing the staple sheet slid from the staple case?(S11) • If the actuator of the stapler safety sensor (S11) does not move smoothly, remove its clip from the side and then reattach it. • Connector check (CN2) • Harness check
Finisher controller PC board	• Board check • Connector check (CN2) • Harness check

Parts to be replaced	Remark
Stapler	
Finisher controller PC board	

MJ-1108

Check item	Measures
Stapler	• Check if there is any paper in the finisher or on the transport path of the equipment or on the finishing tray. Remove it if there is • Is the jam cleared by taking off the staple cartridge from the finisher and removing the staple sheet slid from the staple case? • If the actuator of the stapler safety sensor (S11) does not move smoothly, remove its clip from the side and then reattach it. • Connector check • Harness check
Finisher controller PC board	• Board check • Connector check (CN19) • Harness check

Parts to be replaced	Remark
Stapler	
Finisher controller PC board	

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[EA60] Early arrival jam

Classification	Error content
Paper jam in finisher section	Early arrival jam

MJ-1036

Probable cause	Checking and measures
Entrance path sensor (S19) abnormality	Measure the voltage on TP86 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN22)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the sensor and the connector, exchange the finisher control PC board (FIN).

MJ-1107

Check item	Measures
Entrance sensor	• Sensor check(S1) • Connector check (CN7) • Harness check
Finisher controller PC board	• Board check • Connector check (CN7) • Harness check

Parts to be replaced	Remark
Entrance sensor	
Finisher controller PC board	

MJ-1108

Check item	Measures
Finisher	Check if there is any paper in the finisher or on the transport path of the equipment and remove it if there is.
Feeding sensor (S22)	• Sensor check(S22) • Connector check (CN8) • Harness check
Interface control PC board (I/F)	• Board check • Connector check (CN8) • Harness check

Parts to be replaced	Remark
Feeding sensor (S22)	
Interface control PC board (I/F)	

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[EA70] Stack exit belt home position error / Stack slider home position error

Classification	Error content
Paper jam in finisher section	Stack exit belt home position error / Stack slider home position error

MJ-1107

Check item	Measures
Stack belt exit home position sensor	Check if there is a disconnection of the connector, incorrect installation or breakage of the stack belt exit home position sensor (S9). If there is, reinstall the sensor correctly or replace it.
	Check if the connector CN11 on the finisher controller PC board is disconnected from the stack belt exit home position sensor (S9) and the harnesses are open circuited. Correct if any.
Stack transport motor	Is the harness between the stack transport motor (M5) and the finisher control PC board (CN10) disconnected or open circuited?

Parts to be replaced	Remark
Stack belt exit home position sensor	
Stack transport motor	
Finisher controller PC board	

MJ-1108

Check item	Measures
Stack belt exit home position sensor	Check if there is a disconnection of the connector, incorrect installation or breakage of the stack belt exit home position sensor (S9). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN18) on the finisher controller PC board is disconnected from the stack belt exit home position sensor (S9) and the harnesses are open circuited. Correct if any.
Stack transport motor	Check if the connector (CN17) on the finisher controller PC board is disconnected from the stack transport motor (M8) and the harnesses are open circuited. Correct if any.

Parts to be replaced	Remark
Stack belt exit home position sensor	
Stack transport motor	
Finisher controller PC board	

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[EAF1] Stack exit roller nip home position detection error
MJ-1036

Replacement part	Measure
Stack exit roller shift motor (M6) Stack exit roller home position sensor (S13)	The stack exit roller home position sensor (S13) does not detect that the exit roller is not at the upper position after the stack exit roller motor (M6) has been driven in the specified time when the exit roller is moved down.
	The stack exit roller home position sensor (S13) does not detect that the exit roller is at the upper position after the stack exit roller shift motor (M6) has been driven in the specified time when the exit roller is moved up.

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8.3.10 Paper jam in saddle stitcher section

[EA90] Saddle stitch unit open error

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Classification	Error item
Paper jam in saddle stitcher section	Door open jam

Check item	Measures
Saddle stitch unit	Close the saddle stitch unit if it is open.
Finisher, stacker	Remove any paper on the stacker.
Saddle stitch unit opening/closing switch	Check if there is a disconnection of the connector, incorrect installation or breakage of the saddle stitch unit opening/ closing switch (SW5). If there is, reinstall the sensor correctly or replace it.
	Check if the harness between the saddle stitch unit opening/ closing switch (SW5) and the CN13 of the saddle control PC board or the CN2 of the interface PC board (I/F) is disconnected or open circuited. Correct if so.

Replace parts	Remarks
Saddle stitch unit opening/closing switch	
Finisher controller PC board	
Interface PC board	

[EAA0] Paper remaining in Saddle Stitch Finisher

Classification	Error item
Finisher jam (Saddle stitcher section)	

MJ-1108

Check item	Measures
Finisher, saddle stitcher	• Check if there is any paper in the finisher, saddle stitcher or the on the transport path of the equipment. Remove it if there is. • Use paper accepted in the specifications.
Paper	Do not use the paper shorter than the specification.
Junction box paper detection sensor (S24)	• Sensor check(S24) • Connector check(CN8) • Harness check
Transport path-2 (S27)	• Sensor check(S27) • Connector check(CN20) • Harness check
Transport path-3 (S28)	• Sensor check(S28) • Connector check(CN20) • Harness check
Ejecting roller sensor(S29)	• Sensor check(S29) • Connector check(CN20) • Harness check

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Check item	Measures
Interface PC board (I/F)	• Board check • Connector check(CN1, CN2, CN5, CN7, CN8) • Harness check
Saddle stitcher controller board	• Board check • Connector check(CN10, CN13, CN20) • Harness check

Replace parts	Remarks
Junction box paper detection sensor (S26)	
Transport path-2 (S27)	
Transport path-3 (S28)	
Ejecting roller (S29)	
Interface PC board (I/F)	
Saddle stitcher controller board	

[EAB0] Paper transport jam in Saddle Stitch Finisher

Classification	Error item
Finisher jam (Saddle stitcher section)	Paper transport jam in Saddle Stitch Finisher

MJ-1108

Check item	Measures
Finisher, saddle stitcher	• Check if there is any paper in the finisher, saddle stitcher or the on the transport path of the equipment. Remove it if there is. • Use paper accepted in the specifications.
Paper	Do not use the paper longer than the specification.
Transport roller	Fix any mechanical problem occurring when the transfer roller is rotated.
Feeding sensor (S22)	• Sensor check(S22) • Connector check • Harness check
Junction box paper detection sensor (S24)	• Sensor check(S24) • Connector check(CN8) • Harness check
Transport path-2 (S27)	• Sensor check(S27) • Connector check(CN20) • Harness check
Transport path-3 (S28)	• Sensor check(S28) • Connector check(CN20) • Harness check
Ejecting roller sensor(S29)	• Sensor check(S29) • Connector check(CN20) • Harness check
Transport path switching solenoid (SOL5)	Check that the gap between the transfer guide surface and the upper surface of the flapper tip is in the acceptable range according to the status of the transport path switching solenoid (SOL5) (solenoid OFF: 1.5 to 2.1 mm, solenoid ON: 2.3 to 2.9 mm). If it is not, adjust it.

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Check item	Measures
Entrance motor (M1)	• Motor check(M1) • Connector check(CN26) • Harness check
Interface PC board (I/F)	• Board check • Connector check(CN1, CN2, CN5, CN7, CN8) • Harness check
Saddle stitcher controller board	• Board check • Connector check(CN10, CN13, CN20) • Harness check

Replace parts	Remarks
Junction box paper detection sensor (S26)	
Feeding sensor (S22)	
Transport path-2 (S27)	
Transport path-3 (S28)	
Ejecting roller (S29)	
Entrance motor (M1)	
Transport path switching solenoid (SOL9)	
Interface PC board (I/F)	
Saddle stitcher controller board	
Finisher controller board	

[EAB1] Short paper jam in Saddle Stitch Finisher

Classification	Error item
Finisher jam (Saddle stitcher section)	Short paper jam in Saddle Stitch Finisher

MJ-1108

Check item	Measures
Finisher, saddle stitcher	• Check if there is any paper in the finisher, saddle stitcher or the on the transport path of the equipment. Remove it if there is. • Use paper accepted in the specifications.
Feeding sensor	• Sensor check (S22) • Connector check • Harness check
Junction box paper detection sensor	• Sensor check (S26) • Connector check (CN8) • Harness check
Transport path-2 sensor	• Sensor check (S27) • Connector check (CN20) • Harness check
Transport path-3 sensor	• Sensor check (S28) • Connector check (CN20) • Harness check

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Check item	Measures
Ejecting roller sensor	• Sensor check (S29) • Connector check (CN20) • Harness check
Saddle stitcher controller board	• Connector check (CN10) • Board check

Replace parts	Remarks
Feeding sensor	
Junction box paper detection sensor	
Transport path-2 sensor	
Transport path-3 sensor	
Ejecting roller sensor	
Saddle stitcher controller board	

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8.3.11 Paper jam in puncher unit

[E9F0] Punching jam

Classification	Error content
Finisher jam (Punch section)	Punching jam

MJ-1036 (When MJ-6007 is installed)

Probable cause	Checking and measures
Punch unit sliding motor abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Punch sliding unit home position sensor abnormality	Measure the voltage on TP26 on the hole punch control PC board. Then check that the measured voltage is 1V or lower when not shielded and within the range of 5V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Paper detection sensor (light-receiving/light-emitting) (S24/S25)	Measure the voltage on 8 pin of CN6 on the hole punch control PC board. Then check that the measured voltage is 3.0V or higher when not shielded and 1.2 or lower when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Hole punch control PC board: CN3, CN4, CN5, CN6)
Hole punch control PC board abnormality	If the error still occurs after replacing the sensor and the connector, replace the hole punch control PC board.
Finisher control PC board (FIN) abnormality	Replace the finisher control PC board (FIN).

MJ-1107/1108 (When MJ-6104 is installed)

Check item	Measures
Punch Unit	Check if there is any paper on the transport path of the equipment and remove it if there is.
Punch motor (M3)	• Motor check • Connector check • Harness check
Punch HP sensor (S4)	• Sensor check • Connector check • Harness check
Punch sensor (S5)	• Sensor check • Connector check • Harness check
Hole punch control PC board	• Board check • Connector check • Harness check

Parts to be replaced	Remark
Punch HP sensor	
Punch sensor	
Punch motor	
Hole punch control PC board	

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8.3.12 Other paper jam

[EAD0] Print end command time-out jam

Classification	Error content
Other paper jam	The printing has not finished normally because of an error occurring on the interface between the SYS board and the engine firmware at the end of printing.

Check item	Measures
Power	• Check if the error is cleared by turning the power OFF and • then back ON.
SYS board	• Connector check • Board check
LGC board	• Connector check • Board check

Parts to be replaced	Remark
SYS board	
LGC board	

[EAE0] Receiving time-out jam

Classification	Error content
Other paper jam	Receiving time-out jam

Check item	Measures
Finisher	• Is the finisher working? • Check if the voltage (24V) is being supplied to the finisher. • Check if the harness connecting the I/F connector of the finisher side and LGC board is open circuited. • Connector check
LGC board	• Connector check(CN363) • Check if the harness connecting the finisher and LGC board is open circuited. • Check if the conductor pattern on the LGC board is short circuited or open circuited.

Parts to be replaced	Remark
LGC board	
Harness	

[EB30] Ready time-out jam

Classification	Error content
Other paper jam	Ready time-out jam

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Check item	Measures
Finisher	Check if the connector on the equipment is disconnected from the finisher or the harnesses are open circuited. Correct if any.

Parts to be replaced	Remark
PFC board	
LGC board	

[ED10] Skew adjustment motor (M1) home position detection abnormality

MJ-1107/1108 (when MJ-6104 is installed)

Classification	Error content
Other paper jam	Skew adjustment motor (M1) home position detection abnormality

Check item	Measures
Skew adjustment motor (M1)	Rotate skew adjustment motor and fix its mechanism if it does not rotate smoothly.
Skew HP sensor (S2) Skew adjustment motor (M1) Hole punch control PC board	Check if the connectors on the hole punch controller PC board (HP board) are disconnected from the skew HP sensor (S2) and the skew adjustment motor, or the harnesses are open circuited. Correct if any.

Parts to be replaced	Remark
Skew adjustment motor	
Skew HP sensor	
Hole punch control PC board	

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[ED11] Sideways adjustment motor (M2) home position detection error

MJ-1107/1108 (when MJ-6104 is installed)

Classification	Error content
Other paper jam	Sideways adjustment motor (M2) home position detection error

Check item	Measures
Sideways adjustment motor (M2)	Rotate sideways adjustment motor and fix its mechanism if it does not rotate smoothly.
Sideways deviation HP sensor (S3) Sideways adjustment motor (M2) Hole punch control PC board	Check if the connectors on the hole punch controller PC board (HP board) are disconnected from the sideways deviation HP sensor (S3) and the sideways adjustment motor, or the harnesses are open circuited. Correct if any.

Parts to be replaced	Remark
Sideways adjustment motor	
Sideways deviation HP sensor	
Hole punch control PC board	

[ED12] Shutter home position error

Classification	Error content
Other paper jam	Shutter home position error

MJ-1107

Check item	Measures
Movable tray paper-full sensor	Fix any mechanical problem occurring when the actuator is moved.
	Check if there is a disconnection of the connector, incorrect installation or breakage of the movable tray paper-full sensor (S16). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN13) on the finisher controller PC board is disconnected from the movable tray paper-full sensor (S16) and the harnesses are open circuited. Correct if so.
Shutter	Open and close the shutter. Fix any mechanical problem.
Shutter opening/closing sensor	Check if there is a disconnection of the connector, incorrect installation or breakage of the shutter opening/closing sensor (S4). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN13) on the finisher controller PC board is disconnected from the shutter opening/closing sensor (S4) and the harnesses are open circuited. Correct if so.
Shutter clutch	Check if the connector (CN5) on the finisher controller PC board is disconnected from the shutter clutch (CLT1) and the harnesses are open circuited. Correct if so.

Parts to be replaced	Remark
Movable tray paper-full sensor	
Shutter opening/closing sensor	
Shutter clutch	

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Parts to be replaced	Remark
Finisher controller PC board	

MJ-1108

Check item	Measures
Movable tray paper-full sensor	Fix any mechanical problem occurring when the actuator is moved.
	Check if there is a disconnection of the connector, incorrect installation or breakage of the movable tray paper-full sensor (S16). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN12) on the finisher controller PC board is disconnected from the movable tray paper-full sensor (S16) and the harnesses are open circuited. Correct if so.
Shutter	Open and close the shutter. Fix any mechanical problem.
Shutter opening/closing sensor	Check if there is a disconnection of the connector, incorrect installation or breakage of the shutter opening/closing sensor (S4). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN12) on the finisher controller PC board is disconnected from the shutter opening/closing sensor (S4) and the harnesses are open circuited. Correct if so.
Shutter clutch	Check if the connector (CN10) on the finisher controller PC board is disconnected from the shutter clutch (CLT1) and the harnesses are open circuited. Correct if so.

Parts to be replaced	Remark
Movable tray paper-full sensor	
Shutter opening/closing sensor	
Shutter clutch	
Finisher controller PC board	

[ED13] Front alignment plate home position error

Classification	Error content
Other paper jam	Front alignment plate home position error

MJ-1107

Check item	Measures
Front alignment plate	Move the front alignment plate. Fix any mechanical problem.
Front alignment plate home position sensor	Check if there is a disconnection of the connector, incorrect installation or breakage of the front alignment plate home position sensor (S7). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN11) on the finisher controller PC board is disconnected from the front alignment plate home position sensor (S7) and the harnesses are open circuited. Correct if so.
Front alignment motor	Check if the connector (CN10) on the finisher controller PC board is disconnected from the front alignment motor (M9) and the harnesses are open circuited. Correct if so.

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Parts to be replaced	Remark
Front alignment plate home position sensor	
Front alignment motor	
Finisher controller PC board	

MJ-1108

Check item	Measures
Front alignment plate	Move the front alignment plate. Fix any mechanical problem.
Front alignment plate home position sensor	Check if there is a disconnection of the connector, incorrect installation or breakage of the front alignment plate home position sensor (S7). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN18) on the finisher controller PC board is disconnected from the front alignment plate home position sensor (S7) and the harnesses are open circuited. Correct if so.
Front alignment motor	Check if the connector (CN17) on the finisher controller PC board is disconnected from the front alignment motor (M5) and the harnesses are open circuited. Correct if so.

Parts to be replaced	Remark
Front alignment plate home position sensor	
Front alignment motor	
Finisher controller PC board	

[ED14] Rear alignment plate home position error

Classification	Error content
Other paper jam	Rear alignment plate home position error

MJ-1107

Check item	Measures
Rear alignment plate	Move the rear alignment plate. Fix any mechanical problem.
Rear alignment plate home position sensor	Check if there is a disconnection of the connector, incorrect installation or breakage of the rear alignment plate home position sensor (S8). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN11) on the finisher controller PC board is disconnected from the rear alignment plate home position sensor (S8) and the harnesses are open circuited. Correct if so.
Rear alignment motor	Check if the connector (CN10) on the finisher controller PC board is disconnected from the rear alignment motor (M10) and the harnesses are open circuited. Correct if so.

Parts to be replaced	Remark
Rear alignment plate home position sensor	
Rear alignment motor	

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Parts to be replaced	Remark
Finisher controller PC board	

MJ-1108

Check item	Measures
Rear alignment plate	Move the rear alignment plate. Fix any mechanical problem.
Rear alignment plate home position sensor	Check if there is a disconnection of the connector, incorrect installation or breakage of the rear alignment plate home position sensor (S8). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN18) on the finisher controller PC board is disconnected from the rear alignment plate home position sensor (S8) and the harnesses are open circuited. Correct if so.
Rear alignment motor	Check if the connector (CN17) on the finisher controller PC board is disconnected from the rear alignment motor (M6) and the harnesses are open circuited. Correct if so.

Parts to be replaced	Remark
Rear alignment plate home position sensor	
Rear alignment motor	
Finisher controller PC board	

[ED15] Paddle home position error

Classification	Error content
Other paper jam	Paddle home position error

MJ-1107

Check item	Measures
Paddle	Rotate the paddle. If there is any mechanical problem, fix its mechanism.
Paddle home position sensor Paddle motor Finisher controller PC board	Check if the connectors on the finisher controller PC board are disconnected from the paddle home position sensor (S3) and the paddle motor (M8), or the harnesses are open circuited. Correct if any.

Parts to be replaced	Remark
Paddle motor	
Paddle home position sensor	
Finisher controller PC board	

MJ-1108

Check item	Measures
Paddle	Rotate the paddle. If there is any mechanical problem, fix its mechanism.

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Check item	Measures
Paddle home position sensor Paddle motor Finisher controller PC board	Check if the connectors on the finisher controller PC board are disconnected from the paddle home position sensor (S3) and the paddle motor (M3), or the harnesses are open circuited. Correct if any.

Parts to be replaced	Remark
Paddle motor	
Paddle home position sensor	
Finisher controller PC board	

[ED16] Buffer tray home position error

Classification	Error content
Other paper jam	Buffer tray home position error

MJ-1107

Check item	Measures
Buffer tray guide	Open and close the buffer tray guide. If there is any mechanical problem, fix its mechanism.
Buffer tray home position sensor Buffer tray guide motor Finisher controller PC board	Check if the connectors on the finisher controller PC board are disconnected from the buffer tray home position sensor (S5) and the buffer tray guide motor (M3), or the harnesses are open circuited. Correct if any.

Parts to be replaced	Remark
Buffer tray home position sensor	
Buffer tray guide motor	
Finisher controller PC board	

MJ-1108

Check item	Measures
Buffer tray guide	Open and close the buffer tray guide. Fix any mechanical problem.
Buffer tray home position sensor	Check if there is a disconnection of the connector, incorrect installation or breakage of the buffer tray home position sensor (S5). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN11) on the finisher controller PC board is disconnected from the buffer tray home position sensor (S5) and the harnesses are open circuited. Correct if so.
Assist arm motor	Check if the connector (CN13) on the finisher controller PC board is disconnected from the assist arm motor (M10) and the harnesses are open circuited. Correct if so.
Buffer tray guide motor	Check if the connector (CN11) on the finisher controller PC board is disconnected from the buffer tray guide motor (M2) and the harnesses are open circuited. Correct if so.

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Parts to be replaced	Remark
Buffer tray home position sensor	
Assist arm motor	
Buffer tray guide motor	
Finisher controller PC board	

[EF10] Paper not supported for Saddle Stitch Finisher

MJ-1108

Check the paper size, paper type, or number of pages for stapling. Change them if they are unsupported.

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[EF11] Saddle Stitch Finisher stapling error (front)

MJ-1108

Classification	Error item
Finisher jam (Saddle section)	Front stapling is not correctly done.

Check item	Measures
Finisher	• Is there any paper remaining on the paper transport path in the Finisher or the equipment, or on the finishing tray?. • Is the jam released by taking off the front staple cartridge from the Finisher and removing the staple sheet slid from the staple case?
Front saddle stapler drive unit	• Unit check • Connector check • Harness check
Saddle controller board	• Connector check (CN3) • Board check

Replace parts	Remarks
Front saddle stapler drive unit	
Saddle controller board	

[EF12] Saddle Stitch Finisher stapling error (rear)

MJ-1108

Classification	Error item
Finisher jam (Saddle section)	Rear stapling is not correctly done.

Check item	Measures
Finisher	• Is there any paper remaining on the paper transport path in the Finisher or the equipment, or on the finishing tray?. • Is the jam released by taking off the rear staple cartridge from the Finisher and removing the staple sheet slid from the staple case?
Rear saddle stapler drive unit	• Unit check • Connector check • Harness check
Saddle controller board	• Connector check (CN3) • Board check

Replace parts	Remarks
Rear saddle stapler drive unit	
Saddle controller board	

[EF13] Saddle stitch unit paper holding home position detection error

MJ-1108

Classification	Error item
Finisher jam (Saddle section)	The paper holder home position cannot be detected.

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Check item	Measures
Finisher	• Is there any mechanical problem when the paper holding cam is rotated?
Paper holding home position sensor (S38)	• Sensor check • Connector check • Harness check
Saddle controller board	• Connector check (CN8) • Board check

Replace parts	Remarks
Paper holding home position sensor (S38)	
Saddle controller board	

[EF14] Saddle paper exit jam

MJ-1108

Classification	Error item
Finisher jam (Saddle section)	Outputting paper is not completed within a fixed time.

Check item	Measures
Finisher	• Is there any paper remaining in the paper transport path of the equipment or the saddle stitch section of the Finisher?
Exit sensor (S31)	• Sensor check • Connector check • Harness check
Saddle controller board	• Connector check (CN19) • Board check

Replace parts	Remarks
Exit sensor (S31)	
Saddle controller board	

[EF15] Saddle Stitch Finisher side alignment motor home position detection abnormality

MJ-1108

Classification	Error item
Finisher jam (Saddle section)	The side alignment motor home position cannot be detected.

Check item	Measures
Finisher	• Is there any mechanical problem when the jog is moved?
Side alignment home position sensor (S36)	• Sensor check • Connector check • Harness check
Side alignment motor (M15)	• Motor check • Connector check • Harness check

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Check item	Measures
Saddle controller board	• Connector check (CN5) • Board check

Replace parts	Remarks
Side alignment home position sensor (S36)	
Side alignment motor (M15)	
Saddle controller board	

[EF16] Saddle Stitch Finisher stacker motor home position detection abnormality

MJ-1108

Classification	Error item
Finisher jam (Saddle section)	The stacker motor home position cannot be detected.

Check item	Measures
Stacker carrier	• Is there any mechanical problem when the stacker carrier is moved?
Stacker home position sensor (S33)	• Sensor check • Connector check • Harness check
Stacker motor (M14)	• Motor check • Connector check • Harness check
Saddle controller board	• Connector check (CN4) • Board check

Replace parts	Remarks
Stacker home position sensor (S33)	
Stacker motor (M14)	
Saddle controller board	

[EF17] Saddle Stitch Finisher folding blade home position detection abnormality

MJ-1108

Classification	Error item
Finisher jam (Saddle section)	The folding blade home position cannot be detected.

Check item	Measures
Folding blade cam	• Is there any mechanical problem when the folding blade cam is rotated?
Folding blade home position sensor (S35)	• Sensor check • Connector check • Harness check
Folding blade clutch (CLT3)	• Clutch check • Connector check • Harness check
Saddle controller board	• Connector check (CN15) • Board check

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Replace parts	Remarks
Folding blade home position sensor (S35)	
Folding blade clutch (CLT3)	
Saddle controller board	

[EF18] Saddle Stitch Finisher additional folding roller home position detection abnormality

MJ-1108

Classification	Error item
Finisher jam (Saddle section)	The additional folding roller home position cannot be detected.

Check item	Measures
Additional folding carrier	• Is there any mechanical problem when the additional folding carrier is moved?
Additional folding home position sensor (S39)	• Sensor check • Connector check • Harness check
Additional folding motor (M20)	• Motor check • Connector check • Harness check
Saddle controller board	• Connector check (CN18, CN19) • Board check

Replace parts	Remarks
Additional folding home position sensor (S39)	
Additional folding motor (M20)	
Saddle controller board	

[EF19] Saddle paper folding jam

MJ-1108

Classification	Error item
Finisher jam (Saddle section)	Fold processed paper cannot be transported to the additional folding roller.

Check item	Measures
Finisher	• Is there any paper remaining in the paper transport path in the equipment or the saddle stitch section of the Finisher?
Exit transport sensor (S41)	• Sensor check • Connector check • Harness check
Saddle controller board	• Connector check (CN19) • Board check

Replace parts	Remarks
Exit transport sensor (S41)	

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Replace parts	Remarks
Saddle controller board	

[EF20] Saddle stacker jam

MJ-1108

Classification	Error item
Finisher jam (Saddle section)	Transported paper cannot be detected in the stacker.

Check item	Measures
Finisher	• Is there any paper remaining in the paper transport path in the equipment or the saddle stitch section of the Finisher?
Stacker paper detection sensor (S30)	• Sensor check • Connector check • Harness check
Saddle controller board	• Connector check (CN19) • Board check

Replace parts	Remarks
Stacker paper detection sensor (S30)	
Saddle controller board	

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8.3.13 Drive system related service call

[C020] Developer drive motor abnormality

Classification	Error content
Drive system related service call	Developer drive motor abnormality: The developer drive motor is not rotating normally.

Check item	Measures
Developer unit	• Check if the developer material is caked. • Check if there is any abnormality in the row of gears on the rear side of the developer unit. • Check if the amount of developer material is proper.
Development drive unit/Paper feeding drive unit	• Check if there is any foreign matter between the gears. • Check if there is any damage on the gear tooth surface. • Check if there is any scratch on the caliber or the shaft of each gear. • Check if the proper amount of grease is applied to the caliber or the shaft of each gear. • Check if there is any damage to the developer drive output coupling.
Paper feeding/developer unit drive motor	• Check that the motor is rotated normally. (03-112) • Connector check • Harness check
Drum TBU drive unit	• Check if there is any foreign matter in the row of the color developer drive gears. • Check if there is any damage on the tooth surface of the color developer drive gears. • Check if there is any scratch on the caliber or the shaft of each color developer drive gear. • Check if the proper amount of grease is applied to the caliber or the shaft of each color developer drive gear. • Check if there is any damage to the developer drive output coupling.
LGC board	• Board check • Connector check (CN391, CN392) • Harness check
1st/2nd drawer feed roller	• Check if the 1st drawer feed roller is overloaded. • Check if there is any damage to the roller coupling.
Bypass unit	• Check if the bypass feed roller is overloaded. • Check if there is any damage to the row of the bypass unit gears.
Paper feeding drive section	• Check if there is any foreign matter between the gears. • Check if there is any damage on the gear tooth surface. • Check if there is any scratch on the caliber or the shaft of each gear.
Transport roller	• Check if the PFU transport roller is overloaded.

Parts to be replaced	Remark
Developer unit	
Feeding/developing drive unit	
Paper feeding/developer unit drive motor	
Drum TBU drive unit	

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Parts to be replaced	Remark
LGC board	
1st/2nd drawer feed roller	
Bypass unit	
Paper feeding drive section	
Transport roller	

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8.3.14 Paper feeding system related service call

[C040] PFP motor abnormality

Classification	Error content
Paper feeding system related service call	PFP motor abnormality

Procedure	Check item	Result	Measure	Next Step
1	Is the PFP motor working? (Perform the output check: 03-109/159)	Yes		2
		No	• Check if the connector J952 of the PFP motor is disconnected. • Check if the connector CN245 on the PFP board is disconnected. • Check if the connector CN241 on the PFP board is • Check if the connector CN371 on the LGC board is disconnected. • Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor patterns on the PFP motor board, PFP board and LGC board are short circuited or open circuited.	
2	Is the LED on the PFP motor board lit without flashing?	Yes		3
		No	• Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor patterns on the PFP motor board, PFP board and LGC board are short circuited or open circuited.	
3	PFP board		• Check if the PLL lock signal CN945-7 pin output from the PFP board is always “L” level. • Check if the voltage supplied to the microcomputer input terminal IC5-17 pin is always “L” level.	

Parts to be replaced	Remark
PFP motor	
PFP board	
LGC board	

[C130] 1st drawer tray abnormality
[C140] 2nd drawer tray abnormality

Classification	Error content
Paper feeding system related service call	1st drawer tray abnormality 2nd drawer tray abnormality

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Procedure	Check item	Result	Measure	Next Step
1	Does the tray go up? (Perform the output check: 03-242, 243)	Yes		2
		No	• Check if the connector of the tray-up motor is disconnected (J1079, CN457). • Check if the connector on the DRV board is disconnected. (CN450, CN451, CN457) • Check if the connector on the LGC board is disconnected (CN361, CN362). • Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor pattern on the LGC board is short circuited or open circuited.	
2	Is the tray-up sensor working? (Perform the input check: 03-[ALL]OFF/[0]/[E], 03-[FAX]ON/[4]/[E]	Yes		3
		No	• Check if the connector of the sensor is disconnected (CN460, J1088, J1094, J1097, J1103). • Check if the connector on the DRV board is disconnected. (CN450, CN451, CN460) • Check if the connector on the LGC board is disconnected (CN361, CN362). • Check if the slit reaches the sensor. • Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor pattern on the LGC board is short circuited or open circuited.	
3	DRV board		• Check if the conductor pattern on the DRV board is short circuited or open circuited.	
4	LGC board		• Check if the conductor pattern on the LGC board is short circuited or open circuited.	

Parts to be replaced	Remark
Tray-up motor	
DRV board	
LGC board	
Tray-up sensor	

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[C150] PFP upper drawer tray abnormality
[C160] PFP lower drawer tray abnormality

Classification	Error content
Paper feeding system related service call	PFP upper drawer tray abnormality PFP lower drawer tray abnormality

Procedure	Check item	Result	Measure	Next Step
1	Does the tray go up? (Perform the output check: 03-278, 280)	Yes		2
		No	• Check if the connector of the tray-up motor is disconnected. (CN5, CN50) • Check if any of the connectors CN241, CN242 and CN244 on the PFP board is disconnected. • Check if the connector CN371 on the LGC board is disconnected. • Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor patterns on the PFP board and LGC board are short circuited or open circuited.	
2	Is the tray-up sensor working? (Perform the input check: 03-[COPY]ON/[5]/[A], 03-[COPY]ON/[5]/[E]	Yes		3
		No	• Check if the connector of the sensor is disconnected. • Check if any of the connectors CN241, CN244 and CN246 on the PFP board is disconnected. • Check if the connector CN371 on the LGC board is disconnected. • Check if the slit reaches the sensor. • Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor patterns on the PFP board and LGC board are short circuited or open circuited.	
3	LGC board		• Check if the conductor pattern on the LGC board is short circuited or open circuited.	

Parts to be replaced	Remark
Tray-up motor	
PFP board	
LGC board	
Tray-up sensor	

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[C180] LCF tray-up motor abnormality

Classification	Error content
Paper feeding system related service call	LCF tray-up motor abnormality

Procedure	Check item	Result	Measure	Next Step
1	Does the tray move? (Perform the output check: 03-271)	Yes		2
		No	• Check if the connector of the LCF tray-up motor is disconnected. (CN5, CN50) • Check if any of the connectors CN100, CN101 and CN103 on the LCF board is disconnected. • Check if the connector CN371 on the LGC board is disconnected. • Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor patterns on the LCF board and LGC board are short circuited or open circuited.	
2	Are the LCF tray-up sensor and LCF tray bottom sensor working? (Perform the input check: 03-[COPY]ON/[8]/[A], 03-[COPY]ON/[8]/[E])	Yes		3
		No	• Check if the connectors of the sensors are disconnected. (CN6, CN63, CN64) • Check if any of the connectors CN100, CN104 and CN105 on the LCF board is disconnected. • Check if the connector CN371 on the LGC board is disconnected. • Check if the slit reaches the sensors. • Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor patterns on the LCF board and LGC board are short circuited or open circuited.	
3	LGC board		• Check if the conductor pattern on the LGC board is short circuited or open circuited.	

Parts to be replaced	Remark
LCF tray-up motor	
LCF board	
LGC board	
LCF tray-up sensor	
LCF tray bottom sensor	

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[C1A0] LCF end fence motor abnormality

Classification	Error content
Paper feeding system related service call	LCF end fence motor abnormality

Procedure	Check item	Result	Measure	Next Step
1	Is the LCF end fence motor working? (Perform the output check: 03-207)	Yes		2
		No	• Check if the connector of the LCF end fence motor is disconnected. (CN5, CN51) • Check if any of the connectors CN100, CN101 and CN103 on the LCF board is disconnected. • Check if the connector CN371 on the LGC board is disconnected. • Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor patterns on the LCF board and LGC board are short circuited or open circuited.	
2	Are the LCF end fence home/stop position sensors working? (Perform the input check: 03-[COPY]ON/[8]/[H], 03-[COPY]ON/[8]/[G])	Yes		3
		No	• Check if the connectors of the sensors are disconnected. (CN4, CN40, CN400, CN403) • Check if either of the connectors CN100 or CN107 on the LCF board is disconnected. • Check if the connector CN371 on the LGC board is disconnected. • Check if the slit reaches the sensors. • Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor patterns on the LCF board and LGC board are short circuited or open circuited.	
3	LGC board		• Check if the conductor pattern on the LGC board is short circuited or open circuited.	

Parts to be replaced	Remark
LCF end fence motor	
LCF board	
LGC board	
LCF end fence home position sensor	
LCF end fence stop position sensor	

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[C1B0] LCF transport motor abnormality

Classification	Error content
Paper feeding system related service call	The LCF transport motor is not rotating normally (when paper can be fed from any drawer except the LCF).

Procedure	Check item	Result	Measure	Next Step
1	Is the LCF transport motor working? (Perform the output check: 03-122/172)	Yes		2
		No	• Check if the connector CN3, CN30 of the LCF transport motor is disconnected. • Check if the connector CN102 on the LCF board is disconnected. • Check if the signal line connector CN100 on the LCF board is disconnected. • Check if the power line connector CN101 on the LCF board is disconnected. • Check if the connector CN371 on the LGC board is disconnected. • Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the connector pins are disconnected or the harnesses are open circuited.	
2	LCF transport motor LGC board		• Check if the connector pins are disconnected or the harnesses are open circuited. • Check if the conductor patterns on the LCF transport motor board, LCF board and LGC board are short circuited or open circuited. • Check if the PLL lock signal CN102-3 pin output from the LCF board is always “L” level. • Check if the voltage supplied to the microcomputer input terminal IC103-17 pin is always “L” level.	

Parts to be replaced	Remark
LCF transport motor	
LCF board	
LGC board	

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8.3.15 Scanning system related service call

[C260] Peak detection error

Classification	Error content
Scanning system related service call	Peak detection error

Procedure	Check item	Result	Measure	Next Step
1	Does the exposure lamp light? (Perform the output check: 03-267)	Yes	It is lit.	2
		No	It is not lit.	3
2	Shading correction plate		Check if there is any scratch or stain on the shading correction plate.	
	Mirror		Check if the mirror is tilted. • Check that the lens is reflected in the mirror looking at carriage-1 from the upper position. • Check that the mirror is secured at the leaf spring.	
	Exposure lamp		1. Check if the exposure lamp is correctly lit. 2. Check if the harness is connected properly to the exposure lamp connector. 3. When the carriage is driven, check if the harness interferes with it or parts are caught in it.	
	CCD board / Lens unit		1. Check if the connector of the CCD board is connected properly. 2. Check if the CCD board is installed properly. (Check that the lens unit is not tilted or the screw is securely tighten.)	
	SYS board		1. Check if the connector of the SYS board (CN122, CN126) is connected properly. 2. Check if the mounted parts on the SYS board are damaged or abnormal. 3. Check if 10 V is output from the power supply for CCD. (CN122-1pin).	
3	SYS board		1. Check if the supply cable is connected properly to the connector (CN127). 2. Check if the mounted parts on the SYS board are damaged or abnormal.	
	Exposure lamp		1. Check if the harness of the exposure lamp is connected to the LED light source properly. 2. Check if the exposure lamp is scratched or damaged. 3. Check if the exposure lamp harness comes off the board.	
	Power supply harness		1. Check if wiring of the power supply harness (CN127) is abnormal. 2. Check if the harness is scratched or open circuited.	

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Parts to be replaced	Remark
Lens unit	
SYS board	
Exposure lamp	
Power supply harness	

[C270] Carriage home position sensor not going OFF within a specified time

Classification	Error content
Scanning system related service call	Carriage home position sensor not going OFF within a specified time

Procedure	Check item	Measures
1	Carriage locking	Check if the carriage locking screw for packaging is attached.
2	Carriage home position sensor	1. Check if the harness of the carriage home position sensor is connected properly. 2. Check if the harness is caught or open circuited.
3	SYS board	1. Check if the connector of the SYS board (CN121, CN125, CN127) is connected properly. 2. Check if the mounted parts on the SYS board are damaged or abnormal. 3. Check if 24 V (CN127) on the SYS board is short circuited. 4. Check if 24 V is supplied to the SYS board (CN127).
4	Scan motor	1. Check if the belt tension is loosened. 2. Check if the motor fixing screw is loosened. 3. Check if the carriage wire and the timing belt come off. 4. Check if the connector (J007/J125) is connected to the motor properly. 5. Check if the harness of the motor is caught or open circuited.

Parts to be replaced	Remark
Carriage home position sensor	
Carriage home position sensor harness	
SYS board	
Scan motor	
Scan motor harness	

[C280] Carriage home position sensor not going ON within a specified time

Classification	Error content
Scanning system related service call	Carriage home position sensor not going ON within a specified time

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Procedure	Check item	Measures
1	Carriage locking	Check if the carriage locking screw for packaging is attached.
2	Carriage hole position sensor	1. Check if the harness is properly connected to the sensor. 2. Check if the harness is caught or open circuited.
3	SYS board	1. Check if the harness (J002/J121) of the carriage home position sensor is connected properly. 2. Check if the mounted parts on the SYS board are damaged or abnormal. 3. Check if 24 V (CN127) on the SYS board is short circuited. 4. Check if 24 V is supplied to the SYS board (CN127).
4	Scan motor	1. Check if the belt tension is loosened (if the motor screw is loosened). 2. Check if the carriage wire and the timing belt come off. 3. Check if the connector (J007/J125) is connected to the motor properly. 4. Check if the harness of the motor is caught or open circuited.

Parts to be replaced	Remark
Carriage home position sensor	
Carriage home position sensor harness	
SYS board	
Scan motor	
Scan motor harness	

[C290] Scanner fuse blowout

Classification	Error content
Scanning system related service call	The scanning system does not operate due to a blowout of the fuse in the scanning system.

Check item	Result	Measure
Is 24V supplied to the SYS board?	Yes	Check the following because the signal for checking 24V on the SYS board is abnormal. 1. Check if 3V is input in 35 Pin of the scanner CPU (IC301). 2. Check if the mounted parts on the SYS board are damaged or abnormal. 3. Check if 24V on the SYS board is short circuited. 4. Check if 24V is supplied to the SYS board (CN127).
	No	1. Check if the 24V supply harness is properly connected to the connector (CN127). 2. Check if 24V and SG on the SYS board are short circuited. 3. Check if the power supply is short circuited by pulling out the supply harness on the SYS board (CN127). 4. Check if the fuse on the LVPS (F204) is open circuited. 5. Check if there is no abnormality on the LVPS.

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Parts to be replaced	Remark
SYS board	
Fuse (F204)	
Power supply harness	
LVPS	

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8.3.16 Fuser unit related service call

Notes:
Be sure to turn OFF the power and unplug the power cable beforehand when checking the power supply unit and fuser unit.
The fuser unit itself or the part of the unit remains heated and the capacitors are still charged after a while the power cable is unplugged. So make sure the unit is cooled down enough before checking.

[C445/C446/C447/C449] IH-COIL abnormality after abnormality judgment

Classification	Error content
Fuser unit related service call	IH-COIL abnormality after abnormality judgment

Procedure	Check item	Measures
1	Power voltage	Check if the power voltage is normal.(Is the voltage during the operation ±10% of the rated voltage?)
2	Thermistor	• Check if the center and edge thermistor are installed properly. • Check if the harnesses of the center and edge thermistor are open circuited. • Check if the connectors of the center and edge thermistor are disconnected (J1101).
3	Switching regulator and fuser unit	• Is the fuser unit installed correctly? • Check if the IH-COIL is broken. • Check if the terminal of the IH-COIL is attached securely. • Check if the thermostat is blown • Check if the drawer connector is damaged or its connection is detected. • Check if the connectors of the power supply unit are disconnected (CN504, CN506). • Check if the power supply unit is abnormal.
4	LGC board	• Check if the connectors CN355 and CN357 are disconnected. • Check if the conductor pattern on the LGC board is short circuited or open circuited.

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Procedure	Check item	Measures
5	Clear the status counter	1. [0]+ [8] Power ON. 2. Key in "2002", then press [START]. 3. Change the current status counter value (08-2002) "5", "6", "7", "9", "22", "23", "24", "25", "27", "29", or "63 to 66". * The status counter value is as follows in the following cases. - The error occurred during warming-up: "5" or "6" The error occurred after the equipment has become ready: "7". - The temperature detected by the center thermistor is 220°C or higher, the temperature detected by the edge thermistor is 235°C or higher : "9", "22", "23", "25", "27" or "29" - The error occurred during printing: "24", "25", or "64 to 66". - The error occurred during energy saving: "27". - A paper jam occurred: "29".

[C471] IH board initialization abnormality
[C472] Power supply abnormality

Classification	Error item
Fuser unit related service call	Power is not supplied to the IH board

Check item	Measures
Power supply	• Check if the power voltage is normal.(Is the voltage during the operation ±10% of the rated voltage?)
Side cover interlock switch	• Connector check (J1008, CN354) • Harness check
Fuser unit	• Drawer connector check • Thermostat check • Unit check
LGC board	• Connector check (CN357) • Board check
FIL board	• Connector check • Board check
IH board	• Connector check (CN561, CN562, CN563) • Board check
Status counter	1. [0], [8] Power ON. 2. Key in “2002”, then press [START]. 3. Change the current status counter value (08-2002) "11" to "0" 4. Turn the power OFF and then back ON. Make sure that the equipment enters the normal ready state.
Connector and harness	• Check the connectors and harnesses of the parts replaced just before C471 occurred. • Check the connectors which connect the equipment and LCF/PFP.

Replace parts	Remarks
Side cover interlock switch.	

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Replace parts	Remarks
LGC board	
FIL board	
IH board	
Power supply	

[C473] Surge pressure detection / power and voltage upper limit abnormality
[C474] Power and voltage lower limit abnormality

Classification	Error item
Fuser unit related service call	The power voltage supplied to the IH board is higher than upper limit (C473) The power voltage supplied to the IH board is lower than upper limit (C474)

Check item	Measures
Power supply	• Check if the power voltage is normal.(Is the voltage during the operation ±10% of the rated voltage?)
Fuser unit	• Drawer connector check • Thermostat check • Unit check
IH board	• Connector check (CN357, CN561, CN562, CN563) • Board check
Status counter	1. [0], [8] Power ON. 2. Key in “2002”, then press [START]. 3. Change the current status counter value (08-2002) "13" or "16" to "0". 4. Turn the power OFF and then back ON. Make sure that the equipment enters the normal ready state.

Replace parts	Remarks
Power supply	
IH board	

[C475] IH power voltage abnormality or IH initial abnormality

Classification	Error item
Fuser unit related service call	IH power supply abnormality at door open

Check item	Measures
Power supply	• Check if the power voltage is normal.(Is the voltage during the operation ±10% of the rated voltage?)
Side cover interlock switch	• Connector check (J1008, CN354) • Harness check
Fuser unit	• Drawer connector check • Thermostat check • Unit check
LGC board	• Connector check (CN357) • Board check

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Check item	Measures
FIL board	• Connector check (CN501, CN502, CN551, CN552, CN553, CN554) • Board check
IH board	• Connector check (CN561, CN562, CN563) • Board check
Status counter	1. [0], [8] Power ON. 2. Key in “2002”, then press [START]. 3. Change the current status counter value (08-2002) "11" to "0" 4. Turn the power OFF and then back ON. Make sure that the equipment enters the normal ready state.

Replace parts	Remarks
Side cover interlock switch.	
LGC board	
FIL board	
IH board	
Power supply	

[C480] IGBT high temperature abnormality

Classification	Error item
Fuser unit related service call	IGBT overheating abnormality

Check item	Measures
IH board cooling fan	• Fan motor check (Perform the output check: 03-442) • Connector check (J1098) • Harness check
IH board	• Connector check (CN561, CN562, CN563) • Harness check
LGC board	• Connector check (CN357) • Harness check
Status counter	1. [0], [8] Power ON. 2. Key in “2002”, then press [START]. 3. Change the current status counter value (08-2002) "14" to "0". 4. Turn the power OFF and then back ON. Make sure that the equipment enters the normal ready state.

Replace parts	Remarks
IH board cooling fan	
IH board	
LGC board	
Power supply	

[C481] IGBT thermistor breaking abnormality

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Classification	Error item
Fuser unit related service call	The abnormality caused by breaking of the sensor which detects the temperature of IGBT

Check item	Measures
IH board	• Connector check (CN357, CN561, CN562, CN563) • Harness check
LGC board	• Connector check (CN357) • Harness check
Status counter	1. [0], [8] Power ON. 2. Key in “2002”, then press [START]. 3. Change the current status counter value (08-2002) "15" to "0". 4. Turn the power OFF and then back ON. Make sure that the equipment enters the normal ready state.

Replace parts	Remarks
IH board	
LGC board	
Power supply	

[C4B0] Fuser unit counter abnormality

Classification	Error content
Fuser unit related service call	Fuser unit counter abnormality

Check item	Measure
LGC board	• Check if the conductor pattern on the board is short circuited or open circuited. • Check if EEPROM is mounted.
Status counter	1. Turn the power ON while [0] and [8] are pressed simultaneously. 2. Key in “2002”, then press the [START] button. 3. Reset the displayed current status counter value "1 to 4", "8", "17 to 21", "26", "28", "30 to 62", or "67 or more", then press [OK] or [INTERRUPT]. 4. Turn the power OFF and then back ON. Make sure that the equipment enters the normal status.

Parts to be replaced	Remark
LGC board	

[C4B1] Fuser unit voltage judgment abnormality

Classification	Error item
Fuser unit related service call	Errors in the IH board when the destination selection of the equipment is incorrect.

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Check item	Measures
LGC board	• Connector check (CN357) • Board check
IH board	• Connector check (CN561, CN562, CN563) • Board check

Replace parts	Remarks
LGC board	
IH board	

[C4C0] Fuser unit new/old detection fuse abnormality

Classification	Error content
Fuser unit related service call	Fuser unit new/old detection fuse abnormality

Check item	Measure
Fuser unit	• Connector check (J1101) • Harness check • Unit check
LGC board	• Connector check (CN355, CN356) • Harness check • Board check

Parts to be replaced	Remark
Fuser unit	
LGC board	

[C4D0] Fuser thermistor abnormality

Classification	Error content
Fuser unit related service call	Fuser thermistor abnormality

Check item	Measure
Fuser unit	• Drawer connector check • Thermostat check • Unit check
Thermistor	• Connector check (J1101) • Check if the harnesses of the center and edge thermistor are open circuited.
LGC board	• Connector check (CN355) • Check if the conductor pattern on the LGC board is open circuited or short circuited.
Cancel the service call	After repairing the matter which caused the error [C4D0], turn the power OFF and then back ON to cancel the service call. However, the counter value will be stored until it is written over by the value of the other service call.

Parts to be replaced	Remark
Thermistor	

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Parts to be replaced	Remark
LGC board	

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[C4E0] Fuser pressure roller release abnormality
[C4E1] Fuser pressure roller contact/semi-contact abnormality

Classification	Error item
Fuser unit related service call	The releasing behavior of the pressure roller cannot be detected/the abnormality of the sensor of the fuser unit (rear/color of harness: blue) (C4E0) The contacting/semi-contacting behavior of the pressure roller cannot be detected/the abnormality of the sensor of the fuser unit (front/color of harness: blue) (C4E1)

Check item	Measures
Pressure roller contact/release detection sensor (S27, S28)	• Sensor check (Perform the input check: 03-[FAX]ON/[2]/[G], 03-[FAX]ON/[2]/[H]) • Connector check (J1116, J1117) • Harness check
Pressure roller contact/release motor (M13)	• Motor check (Perform the output check: 03-272) • Connector check (CN353) • Harness check
Fuser unit	• Drawer connector check • Thermostat check • Unit check
LGC board	• Connector check (CN355, CN356) • Board check

Replace parts	Remarks
Pressure roller contact/release detection sensor	
Pressure roller contact/release motor	
LGC board	

[C4E2] Fuser belt rotation detection sensor abnormality

Classification	Error item
Fuser unit related service call	The fuser belt does not rotate or does so incorrectly/the abnormality of the sensor of the fuser unit (front/color of harness: yellow)

Check item	Measures
Fuser unit	• Fuser belt rotation detection sensor check (Input check: 03-[ALL]OFF/[6]/[A]) • Connector check in the fuser belt rotation sensor • Harness check in the fuser belt rotation sensor • Rotation detection plate (rotor) check • Grease check in the gear (shaft / tooth flank) • Fuser belt check • Check if the bushing of fuser belt drive shaft is worn. • Fuser unit installation check (Check that the levers fixing the fuser unit are lifted up.)

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Check item	Measures
Fuser drive unit	• Bushing check • Check that the drive unit is correctly installed (3 dowels). • Check that the drive metal plate is not broken. • Check that the gear is not damaged or worn. • One-way clutch check • Grease check in the gear (shaft / tooth flank)
LGC board	• Connector check (CN355, CN356) • Board check

Replace parts	Remarks
Fuser belt rotation detection sensor	
Detection plate (rotor)	Dirty/damaged
Fuser belt	Deformed/damaged
Bushing of fuser belt drive shaft	Worn
Bushing of fuser drive unit	Worn
Drive plate	Bend section broken
Gear	Teeth damaged, worn
LGC board	

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8.3.17 Communication related service call

[C550] RADF I/F error

Classification	Error content
Communication related service call	RADF I/F error

Check item	Measure
RADF board	• Check if the harness connecting the RADF board and SYS board is disconnected or open circuited. • Check if the conductor pattern on the RADF board is short circuited or open circuited. • Connector check
SYS board	• Check if the conductor pattern on the SYS board is short circuited or open circuited. • Connector check

Parts to be replaced	Remark
RADF board	
SYS board	

[C560] Communication error between Engine-CPUs

Classification	Error item
Optional communication related service call	Communication error between Engine-CPUs

Check item	Measures
LGC board	Turn the power OFF and then back ON using the main power switch. If the same error occurs again, replace the LGC board.

Replace parts	Remarks
LGC board	

[C580] Communication error between LGC board and finisher

Classification	Error content
Communication related service call	Communication error between LGC board and finisher

Check item	Measure
Finisher	Check if the specified finisher is attached.

[F070] Communication error between System-CPU and Engine-CPU

Classification	Error content
Communication related service call	Communication error between System-CPU and Engine-CPU

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Check item	Measure
Error code	• Turn the power OFF and then back ON using the main power switch, and then check if the error code changes to another one. • If it changes to another one, follow the procedure for the changed error code.
Check firmware version	• Check the version of the system firmware on the SYS board. • Check the version of the engine firmware on the LGC board.
Board check	• Check if the connector CN128 on the SYS board and the connector CN350 on the LGC board are completely inserted. • Check if the connector pin between the SYS board (connector CN128) and the LGC board (connector CN350) is disconnected. • Check if the connectors CN380, CN381, CN382, CN383, CN384, CN385, CN386 and CN387 of the LED head are completely inserted, and the harness is disconnected or open circuited. • Check if the conductor patterns on the LGC board and SYS board are short circuited or open circuited
HRNS-LGC-DEV-212 HRNS-LGC-DRM-212 HRNS-LGC-ADU-212 HRNS-DRV-SFBTRU-212	• Connector check • Harness check

Parts to be replaced	Remark
LGC board	
SYS board	
LED head	
HRNS-LGC-DEV-212 HRNS-LGC-DRM-212 HRNS-LGC-ADU-212 HRNS-DRV-SFBTRU-212	

[F071] Communication initialization error between System-CPU and Engine-CPU

Classification	Error content
Communication related service call	Communication initialization error between System-CPU and Engine-CPU

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Procedure	Check item	Measures
1	LED head, harness	1-1. Disconnect all the harnesses (flat cable and power supply) of the LED heads, and then turn the power ON. Check if the error changes to another service call (CE80 etc.). (CN380 to CN387) 1-2. If the error does not change to another service call such as CE80 in step 1-1, go to step 2. If the error changes to another service call, follow the steps below. 1-3. Connect the harnesses of the LED head to the LGC board single color at a time, and then turn the power ON to identify the LED head in error. Check if F071 occurs. Place the parts causing the error. Check the connectors and harnesses of the color in error. <Harness (flat cable) - LGC board> Y color: CN382 M color: CN380 C color: CN386 K color: CN384 <Harness (power supply) - LGC board> Y color: CN383 M color: CN381 C color: CN387 K color: CN385 <Harness (flat calbe) - LED head> Y color: CN592 M color: CN593 C color: CN594 K color: CN595 <Harness (power supply) - LED head> Y color: CN596 M color: CN597 C color: CN598 K color: CN599
2	Check firmware version	• Check the version of the system firmware on the SYS board. • Check the version of the engine firmware on the LGC board.
3	Board check	• Check if the connector CN128 on the SYS board and the connector CN350 on the LGC board are completely inserted. • Check if the connector pin between the SYS board (connector CN128) and the LGC board (connector CN350) is disconnected. • Check if the connectors CN380, CN381, CN382, CN383, CN384, CN385, CN386 and CN387 of the LED head are completely inserted, and the harness is disconnected or open circuited. • Check if the conductor patterns on the LGC board and SYS board are short circuited or open circuited

Parts to be replaced	Remark
LGC board	

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Parts to be replaced	Remark
SYS board	
LED head	
Harness of LED head (flat cable)	
Harness of LED head (power supply)	

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8.3.18 RADF related service call

[C551] RADF model detection error

Classification	Error content
RADF related service call	Incorrect RADF installed to the equipment

Check item	Measure
RADF	• Replace the RADF with the correct one.

Parts to be replaced	Remark
RADF	

[C8E0] RADF communication protocol abnormality

Classification	Error content
Optional communication related service call	The system has to be stopped because the control abnormality occurred.

Check item	Measure
Power	Turn the power OFF and then back ON to check if the equipment operates normally.
RADF board	• Connector check • Board check

Parts to be replaced	Remark
RADF board	

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8.3.19 Circuit related service call

[C5A0] EEPROM not connected (LGC board)

Classification	Contents
Circuit related service call	SRAM board data abnormality (LGC board)

Check item	Measure
EEPROM	EEPROM check
LGC board	• IC socket check (IC52) • Board check

Replacement part	Measure
EEPROM	
LGC board	

[C5A1] EEPROM data abnormality (LGC board)

Classification	Contents
Circuit related service call	SRAM board data abnormality (LGC board)

Check item	Measure
EEPROM	EEPROM check
LGC board	• IC socket check (IC52) • Board check

Replacement part	Measure
EEPROM	
LGC board	

[C900] Connection error between the SYS board and the LGC board

Classification	Contents
Circuit related service call	Connection error between SYS board and LGC board

Check item	Measure
LGC board	• Connector check (CN350) • Board check
SYS board	• Connector check (CN128) • Board check

Replacement part	Measure
LGC board	
SYS board	

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[C911] Toner cartridge IC chip access board abnormality

Classification	Contents
Toner cartridge related service call	Abnormal access between the CTRG board and LGC board (High possibility of failure except the LGC board)

Procedure	Check item	Result	Measure	Next Step
1	Does non-genuine toner cartridge display appear when the front cover is opened and closed?	Yes	Use the genuine toner cartridge.	
		No		2
2	Toner cartridge		• Check the phenomenon by removing the toner cartridges (Y, M, C and K) and reinserting them. • Check that the CTRG board of each cartridge (Y, M, C and K) is installed properly. • Avoid touching the contact point. • Wipe the contact point with a soft cloth if it's stained.	
3	Contact point on the equipment side		Check that the spring of the contact point for each color (Y, M, C and K) is not deformed.	
4	Is the spring of the contact point returned when it is pushed lightly?	Yes		
		No	• Check that the CTIF board is installed properly. • Board check	7
	Notes: The spring of the contact point may be released if you push the toner cartridge all the way in when an abnormality occurs.			
5	LGC board		• Connector check (CN375) • Board check	
6	HRNS-LGC-TNRIC-212		• Connector check (CN375, CN440) • Harness check	
7	CTIF board for each color (Y, M, C and K)		• Check that the board is installed properly. • Board check	

Replacement part	Measure
Toner cartridge	
LGC board	
HRNS-LGC-TNRIC-212	
CTIF board	

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[C940] Engine-CPU abnormality

Classification	Contents
Circuit related service call	Engine-CPU abnormality

Check item	Measure
Main power switch	Turn OFF the main power switch, then back ON.
Engine-CPU, FROM, and SDRAM	Check if the conductor pattern between the Engine-CPU, FROM is short circuited or open circuited. Check if the conductor pattern between the Engine-CPU, SDRAM is short circuited or open circuited.
LGC board	Board check

Replacement part	Measure
LGC board	

[C962] LGC board ID abnormality

Classification	Contents
Circuit related service call	LGC board ID abnormality

Check item	Measure
Error code	• Turn the power OFF and then back ON using the main power switch, and then check if the error code changes to another one. • If it changes to another one, follow the procedure for the changed error code
LGC board	• Connector check (CN350) • Board check
SYS board	• Connector check (CN128) • Board check

Replacement part	Measure
LGC board	
SYS board	

[C964] LGC board boot process abnormality

Classification	Contents
Circuit related service call	LGC board boot process abnormality

Check item	Measure
LGC board	Turn the power OFF and then back ON using the main power switch. If the same error occurs again, replace the LGC board.

Replacement part	Measure
LGC board	

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[C9E0] Connection error between the CCD board and the SYS board

Classification	Contents
Circuit related service call	Connection error between scanner CPU and system CPU

Check item	Measure
SYS board	Board check

Replacement part	Measure
CCD board	
SYS board	

[F090] SRAM abnormality on the SYS board

Classification	Contents
Circuit related service call	SRAM abnormality on the SYS board

Check item	Measure
SRAM	Check the connection of SRAM
	1. Turn the power OFF, and start up the Setting Mode (08). 2. When “SRAM REQUIRES INITIALIZATION” is displayed on the LCD, check the destination and then press the [START] button. If the destination is not correct, key in the correct one and then press the [START] button. (SRAM is initialized.) 3. After the confirmation message is displayed, press the [INTERRUPT] button. 4. Perform the panel calibration (08-9050). 5. Enter the serial number (08-9601). Match it with the serial number on the label attached to the rear cover of the equipment. 6. Initialize the NIC information (08-9083). 7. Turn the power OFF and then start up with the Adjustment mode (05). 8. Perform “Data transfer of characteristic value of scanner” (05-3203). 9. Perform “Automatic gamma adjustment” <PPC> (05-7869). (using [4][FAX] test pattern) 10. Perform “Automatic gamma adjustment” <PRT> (05-8008). (using [70][FAX] test pattern) 11. Turn the power OFF and then back ON.
SYS board	Board check

Replacement part	Measure
SRAM on the SYS board	
SYS board	

[F350] SYS board abnormality

Classification	Contents
Circuit related service call	SYS board abnormality

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Check item	Measure
SYS board	Board check
Combination of the firmware version	• Check the combination of the firmware version of the system firmware, engine firmware, and scanner firmware. • Reinstall the scanner firmware.

Replacement part	Measure
SYS board	

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8.3.20 LED head related service call

[CE80] LED head communication error

Classification	Contents
LED head related service call	Communication error between the LGC board and the LED head

Step	Check Item	Result	Measure	Next Step
1	Check the value of the self-diagnosis code (08-4706) in which is displayed in the details of the LED head communication error. • Check each color with its corresponding self-diagnosis mode. Y: 08-4706-0 M: 08-4706-1 C: 08-4706-2 K: 08-4706-3 **Remarks:** The self-diagnosis value other than "0" (Normal) indicates that an error has occurred.		Self-diagnosis values 1, 5, 9 and 13: LED head unconnected error	2
			Self-diagnosis values 2, 6, 10 and 14: LED head mix error	4
			Self-diagnosis values 4, 8 and 12: Checksum mismatch / Gradation module error	2
			Self-diagnosis values other than the above	2
2	Is the LGC board normal? • Check the connectors used for the colors in which errors have occurred. Y: CN382 and CN383 M: CN380 and CN381 C: CN386 and CN387 K: CN384 and CN385 • Check the LGC board.	Yes		3
		No	Repair or replace it.	5

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Step	Check Item	Result	Measure	Next Step
3	Check if the harnesses between the LGC board and the LED head are disconnected or open circuited. • Check the connectors and the harnesses used for the colors in which errors have occurred. <Harness (FFC) at the LGC board side> Y: CN382 M: CN380 C: CN386 K: CN384 <Harness (power supply) at the LGC board side> Y: CN383 M: CN381 C: CN387 K: CN385 <Harness (FFC) at the LED head side> Y: CN592 M: CN593 C: CN594 K: CN595 <Harness (power supply) at the LED head side> Y: CN596 M: CN597 C: CN598 K: CN599	Yes		4
		No	Repair it.	5
4	The LED head used for the colors in which errors have occurred.		Repair it.	5
5	Reset the self-diagnosis value.		Change the setting value of the LED head communication error details to "0" (Normal) to reset the self-diagnosis value. Y: 08-4706-0 M: 08-4706-1 C: 08-4706-2 K: 08-4706-3	

Replacement part	Measure
LGC board	
Harness (FFC)	
Harness (power supply)	
LED head	

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[CE81] Interface initialization error between LED head and LGC board

Classification	Contents
LED head related service call	Interface initialization error between LED head and LGC board

Procedure	Check item	Result	Measure	Next Step
1	Perform 08-4723 to identify the color of LED head in error. 0 bit: Y 1st bit: M 2nd bit: C 3rd bit: K **Remarks:** The value of each bit becomes "1" if error occurs. (e.g.) Y color: 1, M color: 2, C color 4, K color: 8, Y and K color: 9			2
2	Is the LGC board normal? - Check the connectors of the LED head identified in step 1. Y color: CN382, CN383 M color: CN380, CN381 C color: CN386, CN387 K color: CN384, CN385 - Check the LGC board.	Yes		3
		No	Repair or replace it.	

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Procedure	Check item	Result	Measure	Next Step
3	Check the harnesses between the LGC board and the LED heads. Check the connectors and harnesses of the color in error. <Harness (flat cable) - LGC board> Y color: CN382 M color: CN380 C color: CN386 K color: CN384 <Harness (power supply) - LGC board> Y color: CN383 M color: CN381 C color: CN387 K color: CN385 <Harness (flat cable) - LED head> Y color: CN592 M color: CN593 C color: CN594 K color: CN595 <Harness (power supply) - LED head> Y color: CN596 M color: CN597 C color: CN598 K color: CN599	Yes		4
		No	Replace it.	
4	LED head in error		Replace it.	

Replacement part	Measure
LGC board	
Harness of LED head (flat cable)	
Harness of LED head (power supply)	
LED head	

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8.3.21 Finisher related service call

[CB00] Finisher not connected
[CB01] Finisher communication error

Classification	Error content
Finisher related service call	Finisher not connected: Communication error has occurred between the equipment and finisher. Finisher communication error: Communication error has occurred between the equipment and finisher.

Check item	Measure
Finisher	• Check if the harness connecting the equipment and the finisher controller PC board is disconnected or open circuited. • Check if the conductor pattern on the finisher controller PC board is open circuited or short circuited. • Update the finisher firmware.
LGC board	• Check if the harness connecting the finisher and the LGC board on the equipment is disconnected or open circuited. • Connector check (CN363) • Check if the conductor pattern on the LGC board is open circuited or short circuited.

Parts to be replaced	Remark
Finisher control PC board	
LGC board	

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[CB10] Entrance motor abnormality

Classification	Contents
Finisher related service call	Entrance motor abnormality: The entrance motor is not rotating normally.

MJ-1107

Check Item	Measure
Entrance roller	If there is mechanical problem when the entrance roller is rotated, fix the mechanism.
Entrance motor (M1)	Check the connectors and harnesses between the entrance motor (M1) and the finisher control PC board (CN7).

Replacement part	Measure
Entrance motor (M1)	
Finisher controller PC board	

MJ-1108

Check Item	Measure
Feeding roller	Rotate the feeding roller. Fix any mechanical problem.
Entrance motor	Check if the connector (CN26) on the finisher controller PC board is disconnected from the entrance motor (M1) and the harnesses are open circuited. Correct if so.

Replacement part	Measure
Entrance motor	
Finisher control PC board	

[CB11] Buffer tray guide motor abnormality

* A [CB11] error occurs if the [ED16] error occurs three times in succession or the [ED16] error occurs during the initialization.

Classification	Contents
Finisher related service call	Buffer tray guide motor abnormality: The buffer tray guide motor is not rotating or the buffer tray guide is not moving normally.

MJ-1107

Check Item	Measure
Buffer tray guide	If there is mechanical problem when the buffer tray guide is opened/closed while the buffer roller is lifted up, fix the mechanism.
Buffer tray guide motor (M3)	Check the connectors and harnesses between the buffer tray guide motor (M3) and the finisher control PC board (CN18).

Replacement part	Measure
Buffer tray guide motor (M3)	
Finisher controller PC board	

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MJ-1108

Check Item	Measure
Buffer tray guide	Raise the buffer roller and open/close the buffer tray guide. Fix any mechanical problem.
Buffer tray guide motor	Check if the connector (CN11) on the finisher controller PC board is disconnected from the buffer tray guide motor (M2) and the harnesses are open circuited. Correct if so.

Replacement part	Measure
Buffer tray guide motor	
Finisher controller PC board	

[CB12] Buffer roller drive motor abnormality

Classification	Contents
Finisher related service call	Buffer roller drive motor abnormality: The buffer roller drive motor is not rotating or the buffer roller is not moving normally.

MJ-1107

Check Item	Measure
Buffer roller	If there is mechanical problem when the buffer roller is rotated, fix the mechanism.
Buffer roller drive motor (M6)	Check the connectors and harnesses between the buffer roller drive motor (M6) and the finisher control PC board (CN18).

Replacement part	Measure
Buffer roller drive motor (M6)	
Finisher controller PC board	

MJ-1108

Check Item	Measure
Buffer roller	Rotate the buffer roller. Fix any mechanical problem.
Buffer roller drive motor	Check if the connector (CN11) on the finisher controller PC board is disconnected from the buffer roller drive motor (M4) and the harnesses are open circuited. Correct if so.

Replacement part	Measure
Buffer roller drive motor	
Finisher controller PC board	

[CB13] Finisher exit motor (M11) abnormality

MJ-1108

Classification	Error item
Finisher related service call	

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Check item	Measures
Exit roller	• Is there any mechanical problem when the exit roller is rotated?
Exit motor (M11).	• Motor check • Connector check • Harness check
Finisher control board	• Connector check (CN13) • Board check

Replace parts	Remarks
Exit motor	
Finisher control board	

[CB14] Paper pusher arm motor (M10) abnormality
MJ-1108

Classification	Error item
Finisher related service call	

Check item	Measures
Paper pusher cam	• Is there any mechanical problem when the paper pusher cam is rotated?
Assist arm motor (M10)	• Motor check • Connector check • Harness check
Finisher control board	• Connector check (CN13) • Board check

Replace parts	Remarks
Assist arm motor	
Finisher control board	

[CB30] Movable tray shift motor (M1) abnormality, Movable tray paper top detection error
MJ-1036

Classification	Contents
Finisher related service call	Movable tray shift motor abnormality: The movable tray shift motor is not rotating or the movable tray is not moving normally.

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Error	Timing of detection
Movable tray shift motor (M1) Stack top detection solenoid (SOL1) Stack top detection sensor-1 (S1) Stack top detection sensor-2 (S2 Movable tray lower limit sensor (S14)	A locking signal is detected after the specified time *while the movable tray is moving. * A locking signal is not monitored from the start driving the motor until the specified time has passed.
	The stack top position of paper is not detected after the movable tray shift motor (M1) is driven in the specified time when the movable tray is moved up.
	The lower limit position of the stack top of paper is not detected after the movable tray shift motor (M1) has been driven in the specified time during the initial movement of the movable tray.
	The turning OFF of the movable tray lower limit sensor (S14) is not detected when the movable tray is moved from a point where this sensor is turned ON to one point where this sensor is turned OFF after the movable tray shift motor (M1) has been driven in the specified time.

Probable cause	Checking and measures
Movable tray shift motor (M1) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the moto
Movable tray lower limit sensor (S14) abnormality	Measure the voltage on TP17 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V ± 5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity among the connector terminals is normal. If electricity is not conducted, replace the connectors. (Finisher control PC board (FIN): CN4, CN10)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the motor, sensors and connectors, exchange the finisher control PC board (FIN).
Stack top detection solenoid (SOL1) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the solenoid.
Stack top detection sensor-1 (S1) abnormality	Measure the voltage on TP11 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V ± 5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Stack top detection sensor-2 (S2) abnormality	Measure the voltage on TP20 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V ± 5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Finisher control PC board (FIN): CN3)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the solenoid, sensors and connector, exchange the finisher control PC board (FIN).

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[CB30] Movable tray shift motor abnormality

MJ-1107

Classification	Contents
Finisher related service call	Movable tray shift motor abnormality: The movable tray shift motor is not rotating or the movable tray is not moving normally.

Check Item	Measure
Movable tray	If there is mechanical problem when the movable tray is moved, fix the mechanism.
Movable tray shift motor (M7)	Check the connectors and harnesses between the movable tray shift motor (M7) and the finisher control PC board (CN8).
Movable tray position A, B, and C sensors (S13, S14, and S15)	• Connector check • Sensor check

Replacement part	Measure
Movable tray shift motor (M7)	
Movable tray position A, B, and C sensors (S13, S14, and S15)	
Finisher controller PC board	

MJ-1108

Check item	Measures
Movable tray	If there is mechanical problem when the movable tray is moved, fix the mechanism.
Movable tray shift motor (M12)	Check the connectors and harnesses between the movable tray shift motor (M12) and the finisher control PC board (CN16).
Movable tray position A, B, and C sensors (S13, S14, and S15)	• Connector check • Sensor check

Parts to be replaced	Remark
Movable tray shift motor (M7)	
Movable tray position A, B, and C sensors (S13, S14, and S15)	
Finisher controller PC board	

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[CB31] Movable tray paper-full detection error

Classification	Contents
Finisher related service call	Movable tray paper-full detection error: The actuator of the movable tray paper-full detection sensor does not move smoothly.

MJ-1107

Check Item	Measure
Movable tray paper-full detection sensor (S16)	• If there is mechanical problem when the actuator is moved, fix the mechanism. • Sensor check • Check the connectors and harnesses between the movable tray paper-full detection sensor (S16) and the finisher control PC board (CN13).

Replacement part	Measure
Movable tray paper-full detection sensor (S16)	
Finisher controller PC board	

MJ-1108

Check item	Measures
Movable tray paper-full sensor	Fix any mechanical problem occurring when the actuator is moved.
	Check if there is a disconnection of the connector, incorrect installation or breakage of the movable tray paper-full sensor (S16). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN12) on the finisher controller PC board is disconnected from the movable tray paper-full sensor (S16) and the harnesses are open circuited. Correct if so.

Parts to be replaced	Remark
Movable tray paper-full sensor	
Finisher control PC board	

[CB40] Front alignment motor abnormality

* You receive a [CB40] error when the [ED13] error occurs three times in succession.

MJ-1036

Classification	Contents
Finisher related service call	Front alignment motor abnormality: The front alignment motor is not rotating or the front alignment plate is not moving normally.

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Error	Timing of detection
Rear alignment motor (M3) Rear alignment plate home position sensor (S6)	The turning OFF of the rear alignment plate home position sensor (S6) is not detected when the rear alignment plate is moved from a point where this sensor is turned ON to one point where this sensor is turned OFF after the rear alignment motor (M3) has been driven at the specified number of pulse.
	The turning ON of the rear alignment plate home position sensor (S6) is not detected when the rear alignment plate is moved from a point where this sensor is turned OFF to one point where this sensor is turned ON after the rear alignment motor (M3) has been driven at the specified number of pulse.

Probable cause	Checking and measures
Rear alignment motor (M3) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Rear alignment plate home position sensor (S6) abnormality	Measure the voltage on TP16 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connectors. (Finisher control PC board (FIN): CN5, CN12)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the motor, sensor and connectors, exchange the finisher control PC board (FIN).

[CB40] Front alignment motor abnormality

* You receive a [CB40] error when the [ED13] error occurs three times in succession.

Classification	Contents
Finisher related service call	Front alignment motor abnormality: The front alignment motor is not rotating or the front alignment plate is not moving normally.

MJ-1107

Check Item	Measure
Front alignment plate	If there is mechanical problem when the front alignment plate is moved, fix the mechanism.
Front alignment motor (M9)	Check the connectors and harnesses between the front alignment motor (M9) and the finisher control PC board (CN10).

Replacement part	Measure
Front alignment motor (M9)	
Finisher controller PC board	

MJ-1108

Check item	Measures
Front alignment plate	If there is mechanical problem when the front alignment plate is moved, fix the mechanism.

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Check item	Measures
Front alignment motor (M5)	Check the connectors and harnesses between the front alignment motor (M5) and the finisher control PC board (CN10).

Parts to be replaced	Remark
Front alignment motor (M5)	
Finisher controller PC board	

[CB50] Staple motor (M10) abnormality
MJ-1036

Error	Timing of detection
Stapler motor (M10) Staple unit clinching home position sensor (S16)	The staple unit clinching home position sensor (S16) does not detect the opening of the staple unit after the stapler motor (M10) has been driven reversely in the specified time from the closing during the initial movement of the staple unit.
	The staple unit clinching home position sensor (S16) does not detect the opening of the staple unit in the specified time from the closing during the clinching movement of the staple unit, and also this sensor does not detect the opening by the reverse rotation of the motor after the stapler is stopped.
	The staple unit clinching home position sensor (S16) does not detect the closing of the staple unit after the specified time during the clinching movement of the staple unit.
	The staple unit clinching home position sensor (S16) does not detect the opening of the staple unit at the start of the clinching.

Probable cause	Checking and measures
Staple motor (M10) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the staple unit.
Staple unit clinching home position sensor (S16) abnormality	Measure the voltage on CN16 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when the sensor is ON and within the range of 3.3V ± 5% when OFF. If the voltage does not fall within the range mentioned, replace the staple unit.
Staple unit improper clinching prevention sensor (S15) abnormality	Measure the voltage on TP25 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V ± 5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connectors. (Finisher control PC board (FIN): CN16, CN17)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the motor, sensors, switch and connectors, exchange the finisher control PC board (FIN).

[CB50] Stapler home position error
* You receive a [CB50] error when the [EA50] error occurs three times in succession.

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Classification	Contents
Finisher related service call	Stapler home position error: The stapler home position sensor does not work.

MJ-1107

Check Item	Measure
Stapler	• Check the connectors and harnesses between the stapler(M4) and finisher controller PC board (CN2). • Check the harnesses in the stapler.

Replacement part	Measure
Stapler	
Finisher controller PC board	

MJ-1108

Check item	Measures
Stapler	• Check the connectors and harnesses between the stapler and finisher controller PC board (CN19). • Check the harnesses in the stapler.

Parts to be replaced	Remark
Stapler	
Finisher controller PC board	

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[CB51] Staple unit sliding motor (M7) abnormality

MJ-1036

Error	Timing of detection
Staple unit sliding motor (M7) Staple unit sliding home position sensor (S3)	The turning OFF of the staple unit sliding home position sensor (S3) is not detected when the staple unit is moved from a point where this sensor is turned ON to one point where this sensor is turned OFF after the staple unit sliding motor (M7) has been driven at the specified number of pulse.
	The turning ON of the staple unit sliding home position sensor (S3) is not detected when the staple unit is moved from a point where this sensor is turned OFF to one point where this sensor is turned ON after the staple unit sliding motor (M7) has been driven at the specified number of pulse.

Probable cause	Checking and measures
Staple unit sliding motor (M7) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the staple unit.
Staple unit sliding home position sensor (S3) abnormality	Measure the voltage on TP18 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connectors. (Finisher control PC board (FIN): CN3, CN18)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the staple unit, sensors and connectors, exchange the finisher control PC board (FIN).

[CB51] Stapler shift home position error

Classification	Contents
Finisher related service call	Stapler shift home position error: The stapler is not at the home position.

MJ-1107

Check Item	Measure
Stapler	If there is mechanical problem when the stapler is moved, fix the mechanism.
Stapler unit home position sensor (S10)	• Sensor check • Check the connectors and harnesses between the stapler unit home position sensor (S10) and the finisher control PC board (CN1).
Stapler unit shift motor (M4)	Check the connectors and harnesses between the stapler unit shift motor (M4) and the finisher control PC board (CN5).

Replacement part	Measure
Stapler unit home position sensor (S10)	
Finisher controller PC board	

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MJ-1108

Check item	Measures
Stapler	Move the stapler. Fix any mechanical problem.
Stapler unit home position sensor	Check if there is a disconnection of the connector, incorrect installation or breakage of the stapler unit home position sensor (S10). If there is, reinstall the sensor correctly or replace it.
	Check if the connector (CN21) on the finisher controller PC board is disconnected from the stapler unit home position sensor (S10) and the harnesses are open circuited. Correct if so.
Stapler unit shift motor	Check if the connector (CN10) on the finisher controller PC board is disconnected from the stapler unit shift motor (M9) and the harnesses are open circuited. Correct if so.

Parts to be replaced	Remark
Stapler unit home position sensor	
Finisher controller PC board	

[CB60] Stapler unit shift motor abnormality

Classification	Contents
Finisher related service call	Stapler shift motor abnormality: Stapler shift motor is not rotating or staple unit is not moving normally.

MJ-1107

Check Item	Measure
Stapler	If there is mechanical problem when the stapler is moved, fix the mechanism.
Stapler unit shift motor (M4)	Check the connectors and harnesses between the stapler unit shift motor (M4) and the finisher control PC board (CN5).

Replacement part	Measure
Stapler unit shift motor (M4)	
Finisher controller PC board	

MJ-1108

Check Item	Measure
Stapler	If there is mechanical problem when the stapler is moved, fix the mechanism.
Stapler unit shift motor (M9)	Check the connectors and harnesses between the stapler unit shift motor (M9) and the finisher control PC board (CN10).

Replacement part	Measure
Stapler unit shift motor (M4)	
Finisher controller PC board	

[CB80] Finisher control PC board (FIN) backup RAM error

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Classification	Contents
Finisher related service call	Backup RAM data abnormality: Abnormality of checksum value on finisher controller PC board is detected when the power is turned ON.

MJ-1036

Error	Timing of detection
EEPROM	Data readout check is performed after data writing and the result of the data readout check does not conform to the written data.
	The equipment does not enter the ready status after the specified time has passed from data writing.

Probable cause	Checking and measures
Finisher control PC board (FIN) abnormalit	Replace the finisher control PC board (FIN) as the cause is a fault in the IC of the backup RAM.

[CB80] Backup RAM data abnormality

MJ-1107/1108

Classification	Contents
Finisher related service call	Backup RAM data abnormality: Abnormality of checksum value on finisher controller PC board is detected when the power is turned ON.

Check Item	Measure
Main power switch	Turn OFF the main power switch, then back ON.

Replacement part	Measure
Finisher controller PC board	

[CB81] Flash ROM abnormality

MJ-1107/1108

Classification	Contents
Finisher related service call	Flash ROM abnormality: Abnormality of checksum value on finisher controller PC board is detected when the power is turned ON.

Check Item	Measure
Main power switch	Turn OFF the main power switch, then back ON.
Finisher controller PC board	Board check

Replacement part	Measure
Finisher controller PC board	

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[CB82] Finisher main program error
MJ-1107/1108

Classification	Error item
Finisher related service call	Finisher main program error

Check item	Measures
Finisher control board	• Update the firmware version of the finisher control PC board (FIN). • Board check

Replace parts	Remarks
Finisher control board	

[CB83] Saddle main program error
MJ-1108

Classification	Error item
Finisher related service call	Saddle main program error

Check item	Measures
Saddle control PC board	• Update the firmware version of the saddle control PC board (SDL). • Board check

Replace parts	Remarks
Saddle control PC board	

[CB84] Punch unit main program error
MJ-1107/1108 (When MJ-6104 is installed)

Classification	Error item
Finisher related service call	Hole Punch Unit - Main CPU program error

Check item	Measures
Hole punch control PC board (HP)	• Update the firmware version of the PNC board (HP). • Board check

Replace parts	Remarks
Hole punch control PC board	

[CB91] Saddle flash ROM abnormality
MJ-1108

Classification	Error item
Finisher related service call	Saddle flash ROM abnormality

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Check item	Measures
Reproducibility	Turn the power OFF and then back ON.
Saddle controller PC board (SDL)	• Check if the conductor pattern on the saddle controller PC board (SDL) is open circuited or short circuited. • Connector check • Board check

Replace parts	Remarks
Saddle controller PC board	

[CB92] Saddle Stitch Finisher RAM abnormality
MJ-1108

Classification	Error item
Finisher related service call	Saddle Stitch Finisher RAM abnormality

Check item	Measures
Reproducibility	Turn the power OFF and then back ON.
Saddle controller PC board (SDL)	• Check if the conductor pattern on the saddle controller PC board (SDL) is open circuited or short circuited. • Connector check • Board check

Replace parts	Remarks
Saddle controller PC board	

[CB93] Saddle Stitch Finisher additional folding motor abnormality
MJ-1108

Classification	Error item
Finisher related service call	The [CB93] error also occurs when the error [EF18] has occurred consecutively for 3 times.

Check item	Measures
Additional folding carrierr	• Is there any mechanical problem when the additional folding carrier is moved? • Connector check • Harness check
Additional folding motor (M20)	• Motor check • Connector check • Harness check
Saddle control PC board (SDL)	• Connector check (CN18) • Board check

Replace parts	Remarks
Additional folding motor	
Saddle control PC board	

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[CB94] Saddle transport motor abnormality
MJ-1108

Classification	Error item
Finisher related service call	The [CB94] error also occurs when the error [EAB0] or [EF13] has occurred consecutively for 3 times.

Check item	Measures
Transport roller	• Is there any mechanical problem when the transport rollers are rotated?
Saddle transport motor (M16)	• Motor check • Connector check • Harness check
Saddle control PC board (SDL)	• Connector check (CN18) • Board check

Replace parts	Remarks
Saddle transport motor	
Saddle control PC board	

[CB95] Saddle Stitch Finisher stacker motor abnormality
MJ-1108

Classification	Error item
Finisher related service call	The [CB95] error also occurs when the error [EF16] has occurred consecutively for 3 times.

Check item	Measures
Stacker carrier	• Is there any mechanical problem when the stacker carrier is moved?
Stacker motor (M14)	• Motor check • Connector check • Harness check
Saddle control PC board (SDL)	• Connector check (CN4) • Board check

Replace parts	Remarks
Stacker motor	
Saddle control PC board	

[CBA0] Front saddle stapler home position error
MJ-1108

Classification	Error item
Finisher related service call	

Check item	Measures
Front saddle stapler clinch unit	Harness check
Saddle control PC board (SDL)	• Connector check (CN4) • Board check

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Replace parts	Remarks
Front saddle stapler clinch unit	
Saddle control PC board	

[CBB0] Rear saddle stapler home position error
MJ-1108

Classification	Error item
Finisher related service call	

Check item	Measures
Rear saddle stapler clinch unit	Harness check
Saddle control PC board (SDL)	• Connector check (CN7) • Board check

Replace parts	Remarks
Rear saddle stapler clinch unit	
Saddle control PC board	

[CBE0] Saddle Stitch Finisher folding motor (M17) abnormality
MJ-1108
* You receive a [CBE0] error when the [EF17] error occurs three times in succession.

Classification	Contents
Finisher related service call	An encoder pulse interruption error or rotation abnormality occurs in the saddle stitch finisher folding motor.

Check Item	Measure
Folding motor encoder sensor (S34)	• Sensor check (S34) • Connector check • Harness check
Side alignment motor (M15)	Harness check
Saddle control PC board (SDL)	• Connector check (CN11, CN14) • Board check

Replacement part	Measure
Folding motor encoder sensor (S34)	
Side alignment motor (M15)	
Saddle control PC board (SDL)	

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[CC02] Stack exit roller nip home position detection error
MJ-1036

Replacement part	Measure
Stack exit roller shift motor (M6) Stack exit roller home position sensor (S13)	The stack exit roller home position sensor (S13) does not detect that the exit roller is not at the upper position after the stack exit roller motor (M6) has been driven in the specified time when the exit roller is moved down.
	The stack exit roller home position sensor (S13) does not detect that the exit roller is at the upper position after the stack exit roller shift motor (M6) has been driven in the specified time when the exit roller is moved up.

[CC20] Saddle communication error
MJ-1108

Classification	Contents
Finisher related service call	Saddle communication error

Check Item	Measure
Interface PC board (I/F)	• Connector check • Harness check
Finisher control PC board (FIN)	• Connector check • Harness check
Saddle control PC board (SDL)	• Connector check • Harness check
Interface PC board (I/F)	Board check
Finisher control PC board (FIN)	Board check
Saddle control PC board (SDL)	Board check
Finisher control PC board (FIN)	Update the firmware version of the finisher control PC board (FIN).
Saddle control PC board (SDL)	Update the firmware version of the saddle control PC board (SDL).

Replacement part	Measure
Interface PC board (I/F)	
Finisher control PC board (FIN)	
Saddle control PC board (SDL)	

[CC30] Stack transport motor abnormality
* You receive a [CC30] error when the [EA70] error occurs three times in succession.

Classification	Contents
Finisher related service call	Stack transport motor abnormality: The stack transport motor is not rotating or the stack transport belt is not moving normally.

MJ-1107

Check Item	Measure
Stack transport belt	If there is mechanical problem when the stack transport belt is moved, fix the mechanism.

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Check Item	Measure
Stack transport motor (M5)	Check the connectors and harnesses between the stack transport motor (M5) and the finisher control PC board (CN10).

Replacement part	Measure
Stack transport motor (M5)	
Finisher controller PC board	

MJ-1108

Check item	Measures
Stack transport belt	Move the stack transport belt. Fix any mechanical problem.
Stack transport motor	Check if the connector (CN17) on the finisher controller PC board is disconnected from the stack transport motor (M8) and the harnesses are open circuited. Correct if so.

Parts to be replaced	Remark
Stack transport motor	
Finisher control PC board	

[CC31] Transport motor abnormality

* You receive a [CC31] error when the [ED12] error occurs three times in succession.

Classification	Contents
Finisher related service call	Transport motor abnormality: The transport motor is not rotating or the stack transport roller -1 and -2 is not rotating normally.

MJ-1107

Check Item	Measure
Stack transport roller	If there is mechanical problem when the stack transport roller -1 and -2 are rotated, fix the mechanism.
Transport motor (M2)	Check the connectors and harnesses between the transport motor (M2) and the finisher control PC board (CN5).

Replacement part	Measure
Transport motor (M2)	
Finisher controller PC board	

MJ-1108

Check item	Measures
Stack transport roller -1 Stack transport roller -2	Rotate the stack transport roller -1 and -2. Fix any mechanical problem.
Transport motor	Check if the connector (CN10) on the finisher controller PC board is disconnected from the transport motor (M7) and the harnesses are open circuited. Correct if so.

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Parts to be replaced	Remark
Transport motor	
Finisher control PC board	

[CC41] Paper holder cam home position abnormality

Classification	Contents
Finisher related service call	Paper holder cam home position abnormality: The paper holder cam is not at the home position.

MJ-1107

Check Item	Measure
Paper holder cam	If there is mechanical problem when the paper holder cam is rotated, fix the mechanism.
Paper holder home position sensor (S6)	Check the connectors and harnesses between the paper holder home position sensor (S6) and the finisher control PC board (CN17).

Replacement part	Measure
Paper holder home position sensor (S6)	
Finisher controller PC board	

MJ-1108

Check item	Measures
Paper pusher cam	Rotate the paper pusher cam. Fix any mechanical problem.
Paper holder home position sensor	Check if the connector (CN9) on the finisher controller PC board is disconnected from the paper holder home position sensor (S6) and the harnesses are open circuited. Correct if so.

Parts to be replaced	Remark
Paper holder home position sensor	
Finisher control PC board	

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[CC51] Punch unit sliding motor (M12) abnormality

* You receive a [CC51] error when the [ED11] error occurs three times in succession or occurs during the initialization.

MJ-1036

Error	Timing of detection
Punch unit sliding motor (M12) Punch sliding unit home position sensor (S23)	The punch sliding unit is not slid after sliding request is sent.
	The punch sliding unit home position sensor (S23) does not detect that the unit is at its home position after the specified time when the unit is returned to the home position, or this sensor does not detect that the unit is out of its home position after the specified time when the unit is released.
	The punch sliding unit home position sensor (S23) does not detect that the unit is at its home position after the specified time when the unit is moved, or this sensor does not detect that the unit is at its home position when the unit is released.

Probable cause	Checking and measures
Punch unit sliding motor (M12) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Punch sliding unit home position sensor (S23) abnormality	Measure the voltage on TP26 on the hole punch control PC board (HP). Then check that the measured voltage is 1V or lower when not shielded and within the range of 5V ± 5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Hole punch control PC board (HP): CN3, CN5, CN6)
Hole punch control PC board (HP) abnormality	If the error still occurs after replacing the motor, sensor and connectors, exchange the hole punch control PC board (HP).

[CC51] Sideways adjustment motor (M2) abnormality

MJ-1107/1108 (When MJ-6104 is installed)

* You receive a [CC51] error when the [ED11] error occurs three times in succession or occurs during the initialization.

Classification	Contents
Finisher related service call	Sideways adjustment motor (M2) abnormality: Sideways adjustment motor is not rotating or puncher is not shifting normally.

Check Item	Measure
Transport path	If there is any paper remaining on the transport path, remove the paper.
Sideways adjustment motor (M2)	• If there is mechanical problem when the sideways adjustment motor (M2) is rotated, fix the mechanism. • Check the connectors and harnesses between the hole punch control PC board (HP) and sideways adjustment motor (M2).
Sideways deviation home position sensor (S3)	• Sensor check • Harness check

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Replacement part	Measure
Sideways adjustment motor (M2)	
Hole punch control PC board (HP)	

[CC52] Skew adjustment motor (M1) abnormality

MJ-1107/1108 (When MJ-6104 is installed)

* The [CC52] error occurs when the [ED10] error occurs three times in succession or during the initial operation.

Classification	Contents
Finisher related service call	Skew adjustment motor (M1) abnormality: Skew adjustment motor is not rotating or puncher is not shifting normally.

Check Item	Measure
Transport path	If there is any paper remaining on the transport path, remove the paper.
Skew adjustment motor (M1)	• If there is mechanical problem when the skew adjustment motor (M1) is rotated, fix the mechanism. • Check the connectors and harnesses between the hole punch control PC board (HP) and skew adjustment motor (M1).
Skew home position sensor (S2)	• Sensor check • Harness check

Replacement part	Measure
Skew home position sensor (S2)	
Skew adjustment motor (M1)	
Hole punch control PC board (HP)	

[CC54] Abnormality of paper detection sensors (S24 and S25)

MJ-1036

Error	Timing of detection
Paper detection sensor (S24/S25) adjustment erro	The adjustment of the paper detection sensors (S24 and S25) has been failed.。

Probable cause	Checking and measures
Paper detection sensors (S24 and S25) abnormality	Measure the voltage on pin CN6.8 on the hole punch control PC board (HP). Then check that the measured voltage is 3.0V or higher when not shielded and 1.2V or lower when shielded. If the voltage does not fall within the range mentioned, replace a couple of PC boards on either the light-receiving side or the light-emitting side.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Hole punch control PC board (HP): CN4, CN6)
Hole punch control PC board (HP) abnormality	If the error still occurs after replacing the sensors and the connectors, exchange the hole punch control PC board (HP).

[CC60, CC61] Punch motor abnormality

MJ-1036

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Error	Timing of detection
Punch motor (M11) Paper detection sensor (S24/S25) Punch shaft home position sensor (S26) Rear punch shaft home position sensor (S22)	The paper detection sensors (S24 and S25) do not emit light after specified time when they are selected
	The level of the light-receiving amount is not lowered after the light-emitting amount of the paper detection sensors (S24 and S25) is adjusted to the lower limit.
	Punching is not performed after punching request is sent, or the punching request is sent during the punching.
	The status of the punch shaft home position sensor (S26) or the rear punch shaft home position sensor (S22) is not changed after punching request is sent.
	A punching locking signal is detected consistently over the specified time.
	The punch shaft home position sensor (S26) or the rear punch shaft home position sensor (S22) does not detect that the shaft is not at its home position at the start of punching or punch waste full detection.

Probable cause	Checking and measures
Punch motor (M11) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Rear punch shaft home position sensor (S22) abnormality	Measure the voltage on TP25 on the hole punch control PC board (HP). Then check that the measured voltage is 1V or lower when not shielded and within the range of 5V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Punch shaft home position sensor (S26) abnormality	Measure the voltage on TP24 on the hole punch control PC board (HP). Then check that the measured voltage is 1V or lower when not shielded and within the range of 5V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Punch motor clock sensor (S20) abnormality	Measure the voltage on TP27 on the hole punch control PC board (HP). Then check that the measured voltage is 1V or lower when not shielded and within the range of 5V±5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connector. (Hole punch control PC board (HP): CN2, CN5, CN6)
Hole punch control PC board (HP) abnormality	If the error still occurs after replacing the motor, sensors and connectors, exchange the hole punch control PC board (HP).

[CC61] Punch motor (M3) home position detection error

MJ-1107/1108 (When MJ-6104 is installed)

* The [CC61] error occurs when the [E9F0] error occurs three times in succession or during the initial operation.

Classification	Contents
Finisher related service call	Punch motor (M3) home position detection error: Punch motor is not rotating or puncher is not shifting normally.

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Check Item	Measure
Transport path	If there is any paper remaining on the transport path, remove the paper.
Punch motor (M3)	• If there is mechanical problem when the punch motor (M3) is rotated, fix the mechanism. • Check the connectors and harnesses between the hole punch control PC board (HP) and punch motor (M3).
Punch home position sensor (S4)	• Sensor check • Harness check

Replacement part	Measure
Punch home position sensor (S4)	
Punch motor (M3)	
Hole punch control PC board (HP)	

[CC71] Punch ROM checksum error
MJ-1107/1108 (When MJ-6104 is installed)

Classification	Contents
Finisher related service call	Punch ROM checksum error: Abnormality of checksum value on Hole punch controller PC board is detected when the power is turned on.

Check Item	Measure
Hole punch control PC board (HP)	Board check

Replacement part	Measure
Hole punch control PC board (HP)	

[CC72] Punch RAM read/write error
MJ-1107/1108 (When MJ-6104 is installed)

Classification	Contents
Finisher related service call	Punch RAM read/write error: Abnormality of checksum value on Hole punch controller PC board is detected when the power is turned on.

Check Item	Measure
Hole punch control PC board (HP)	Board check

Replacement part	Measure
Hole punch control PC board (HP)	

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[CC80] Front alignment motor (M2) abnormality
MJ-1036

Error	Timing of detection
Front alignment motor (M2) Front alignment plate home position sensor (S5)	The turning OFF of the front alignment plate home position sensor (S5) is not detected when the front alignment plate is moved from a point where this sensor is turned ON to one point where this sensor is turned OFF after the front alignment motor (M2) has been driven at the specified number of pulse.
	The turning ON of the front alignment plate home position sensor (S5) is not detected when the front alignment plate is moved from a point where this sensor is turned OFF to one point where this sensor is turned ON after the front alignment motor (M2) has been driven at the specified number of pulse.

Probable cause	Checking and measures
Front alignment motor (M2) abnormality	Check if the electrical continuity of the coil is normal. If electricity is not conducted, replace the motor.
Front alignment plate home position sensor (S5) abnormality	Measure the voltage on TP15 on the finisher control PC board (FIN). Then check that the measured voltage is 1V or lower when not shielded and within the range of 3.3V ± 5% when shielded. If the voltage does not fall within the range mentioned, replace the sensor.
Faulty cables and connectors	Check if the electrical continuity between the connector terminals is normal. If electricity is not conducted, replace the connectors. (Finisher control PC board (FIN): CN5, CN12)
Finisher control PC board (FIN) abnormality	If the error still occurs after replacing the motor, sensor and connectors, exchange the finisher control PC board (FIN).

[CC80] Rear alignment motor abnormality
* You receive a [CC80] error when the [ED14] error occurs three times in succession.

Classification	Contents
Finisher related service call	Rear alignment motor abnormality: The rear alignment motor is not rotating or the rear alignment plate is not moving normally.

MJ-1107

Check Item	Measure
Rear alignment plate	If there is mechanical problem when the rear alignment plate is moved, fix the mechanism.
Rear alignment motor (M10)	Check the connectors and harnesses between the rear alignment motor (M10) and the finisher control PC board (CN10).

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Replacement part	Measure
Rear alignment motor (M10)	
Finisher control PC board	

MJ-1108

Check Item	Measure
Rear alignment plate	If there is mechanical problem when the rear alignment plate is moved, fix the mechanism.
Rear alignment motor (M6)	Check the connectors and harnesses between the rear alignment motor (M6) and the finisher control PC board (CN17).

Replacement part	Measure
Rear alignment motor (M6)	
Finisher control PC board	

[CC93] Knurled roller shift solenoid abnormality

MJ-1036

Error	Timing of detection
Knurled roller shift solenoid (SOL3) 2nd transport motor (M4) Knurled roller home position sensor (S10)	The knurled roller home position sensor (S10) does not detect that the knurled roller is at the upper position after the 2nd transport motor (M4) has been driven at the specified number of pulses during the initial rising movement of the knurled roller.
	The knurled roller home position sensor (S10) does not detect that the knurled roller is not at the upper position after the 2nd transport motor (M4) has been driven at the specified number of pulses during the initial lowering movement of the knurled roller.
	The knurled roller home position sensor (S10) does not detect that the knurled roller is at the upper position when the pressurization of stack exit movement is finished.

[CC94] Fan motor abnormality

MJ-1036

Error	Timing of detection
Fan motor (M10)	The turning ON of the fan locking signal is detected consistently after the specified time*. * A locking signal is not monitored from the start driving the motor until the specified time has passed.

[CCF1] Tray safety switch abnormality

Classification	Contents
Finisher related service call	Tray safety switch abnormality: • The tray safety switch turned on during tray operation (moving up or down). • The tray operated with the tray safety switch turned on.

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Check Item	Measure
Tray safety switch (SW2)	Check the connectors and harnesses between the tray safety switch (SW2) and the connector J110 on the finisher controller PC board.
Stack tray shift motor (M2)	Check the connectors and harnesses between the stack tray shift motor (M2) and the connector J114 on the finisher controller PC board.

Replacement part	Measure
Tray safety switch (SW2)	
Stack tray shift motor (M2)	
Finisher control PC board	

[CDE0] Paddle motor abnormality

* You receive a [CDE0] error when the [ED15] error occurs three times in succession or during the initial operation.

Classification	Contents
Finisher related service call	Paddle motor abnormality: The paddle motor is not rotating or the paddle is not rotating normally.

MJ-1107

Check Item	Measure
Paddle	Rotate the paddle. Fix any mechanical problem.
Paddle motor	Check if the connector (CN22) on the finisher controller PC board is disconnected from the paddle motor (M3) and the harnesses are open circuited. Correct if so.

Replacement part	Measure
Paddle motor	
Finisher control PC board	

MJ-1108

Check Item	Measure
Paddle	IRotate the paddle. Fix any mechanical problem.
Paddle motor (M8)	Check the connectors and harnesses between the paddle motor (M8) and the finisher control PC board (CN6).

Replacement part	Measure
Paddle motor (M8)	
Finisher control PC board	

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[CE00] Punch communication error

Classification	Contents
Finisher related service call	Communication error between finisher and punch unit: Communication error between finisher controller PC board and punch controller PC board

MJ-1107 (When MJ-6104 is installed)

Check Item	Measure
Hole punch control PC board (HP)	• Check the connectors and harnesses between the hole punch control PC board (HP) and the finisher control PC board. • Board check

Replacement part	Measure
Hole punch control PC board (HP)	
Finisher control PC board	

MJ-1108 (When MJ-6104 is installed)

Check item	Measures
Hole punch control PC board (HP)	• Check the connectors and harnesses between the hole punch control PC board (HP) and the finisher control PC board. • Board check

Parts to be replaced	Remark
Hole punch control PC board (HP)	
Finisher control PC board	

[CF10] Communication module writing failure

Classification	Contents
Finisher related service call	Communication module writing failure.

Check item	Measure
Finisher	• Check if the harness connecting the equipment and the finisher controller PC board is disconnected or open circuited. • Check if the conductor pattern on the finisher controller PC board is open circuited or short circuited. • Update the finisher firmware.
LGC board	• Check if the harness connecting the finisher and the LGC board on the equipment is disconnected or open circuited. • Connector check (CN363) • Check if the conductor pattern on the LGC board is open circuited or short circuited.

Parts to be replaced	Remark
Finisher control PC board	
LGC board	

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8.3.22 Image control related service call

(1) Based on the procedure of [CE10], [CE20] and [CE40] described below, check the status and take appropriate actions. And then perform the forced performing of image quality closed-loop control according to the following procedure.
1. While pressing [0] and [5] simultaneously, turn ON the power.
2. Key in [2742], and then press the [START] button. Confirm that the image quality control has finished normally.

(2) After confirming the items in (1), clear the abnormal detection counter of image quality control.
1. While pressing [0] and [8] simultaneously, turn ON the power.
2. Key in [2528], and then press the [START] button.
3. Rewrite the displayed status counter from “1” - “16” to “0”, and then press the [OK] or [INTERRUPT] button.
4. Key in [2529], and then press the [START] button.
5. Rewrite the displayed status counter from “1” - “16” to “0”, and then press the [OK] or [INTERRUPT] button.
6. Key in [2530], and then press the [START] button.
7. Rewrite the displayed status counter from “1” - “16” to “0”, and then press the [OK] or [INTERRUPT] button.
8. Key in [2531], and then press the [START] button.
9. Rewrite the displayed status counter from “1” - “16” to “0”, and then press the [OK] or [INTERRUPT] button.
10. Turn the power OFF and then back ON. Make sure that the equipment enters the normal ready state.

[CA00] Color registration abnormality

Classification	Contents
Image control related service call	Color registration abnormality

Step	Check Item	Result	Measure	Next Step
1	Remove the transfer belt unit. 📖 P. 4-130 "4.7.3 Transfer belt unit (TBU)"			
2	Is an image created on the transfer belt?	Yes		6
		No		3
3	Check if there is any abnormality on the rods of the main charger cleaner. Correct if there is.			
4	Check if the drum is rotated properly by turning the coupling of the cleaner unit. Correct the auger and the surrounding hardware if not.			
5	LED head		• Check the connectors and harnesses between the LGC board (CN380, CN381, CN382, CN383, CN384, CN385, CN386, CN387, CN592, CN593, CN594, CN595, CN596, CN597, CN598, and CN599) and the LED head. • Check if there is any stain or scratch on the LED head. Clean or correct if there is.	

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Step	Check Item	Result	Measure	Next Step
6	Check if there is any stain on the image quality sensor (Front) and image quality sensor (Rear).			
7	Check if the sensor shutter is working properly.			
8	< Invalidating color registration control >		• Turn the power ON while [0] and [8] are pressed simultaneously. • Key in “4546”, then press the [START] button. (08-4546: Position adjustment control / Mode setting) • Set the value to “0” (not performed automatically). • Turn the power OFF.	
9	< Checking the abnormal status on color registration >		• Turn the power ON while [0] and [5] are pressed simultaneously. • Key in “4720”, then press the [START] button. (05-4720: Displaying the cause of color registration detection error)	

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Step	Check Item	Result	Measure	Next Step
10	Check the displayed value. When the error [CA00] occurs, the value between 1 and 255 is displayed. (0: Normal completion) (The statuses of total 8 sections (4 colors on the front and rear sides) are displayed.)		1: Y on the rear side detection abnormality (*1)	16
			2: Y on the front side detection abnormality (*1)	16
			3: Y on the front and rear sides detection abnormality	16
			4: M on the rear side detection abnormality (*1)	16
			8: M on the front side detection abnormality (*1)	16
			12: M on the front and rear sides detection abnormality	16
			16: C on the rear side detection abnormality (*1)	16
			32: C on the front side detection abnormality (*1)	16
			48: C on the front and rear sides detection abnormality	16
			64: K on the rear side detection abnormality (*1)	16
			85: All colors on the rear side detection abnormality	11
			128: K on the front side detection abnormality (*1)	16
			170: All colors on the front side detection abnormality	11
			192: K on the front and rear sides detection abnormality	16
			255: All colors on the front and rear sides detection abnormality	11
			Other than the above: Multiple colors detection abnormality **Remarks:** The adjustment value is the sum of (*1), which, as in the example below, specifies the cause of the detection abnormality. (E.g. 1) 05-4720 --- in case of 72 72 = 64 + 8 → K on the rear side / M on the front side detection abnormality (E.g. 2) 05-4720 --- in case of 146 146 = 128 + 18 = 128 + 16 + 2 → K on the front side / C on the rear side / Y on the front side detection abnormality	16

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Step	Check Item	Result	Measure	Next Step
11	< Checking the status of the image position aligning sensor >		Check if the light emitting area of the image position aligning sensor emits LEDs and if the reflected lights on the transfer belt surface are detected by the light receiving area of the image position aligning sensor. 1. Turn the power ON while [0] and [3] are pressed simultaneously. 2. Press the [START] button. 3. Press the [FAX] button, then check how items [A] and [B] are displayed while [1] is pressed. 4. Press the [CLEAR] button. 5. Key in “125”, then press the [START] button. (03-125: Sensor shutter is opened) 6. Key in “126”, then press the [START] button. (03-126: Image position aligning sensor / LED ON) 7. Press the [START] button. 8. Press the [FAX] button, then check how items [A] and [B] are displayed while [1] is pressed. 9. Compare them with the statues of [A] and [B] displayed in (3). - Both [A] and [B] are changed - The image position aligning sensors on both sides are operating normally. - [A] remains same - The image position aligning sensor on the rear side is not operating normally. - [B] remains same - The image position aligning sensor on the front side is not operating normally. - Both [A] and [B] remain same - The image position aligning sensors on both sides are not operating normally. 10. Press the [CLEAR] button. 11. Key in “176”, then press the [START] button. (03-176: Image position aligning sensor / LED OFF) 12. Key in “175”, then press the [START] button. (03-175: Sensor shutter closed) 13. Turn the power OFF. 14. If the image position aligning sensors on both sides are operating normally, proceed to step (23). In other cases, proceed to step (22).	

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Step	Check Item	Result	Measure	Next Step
12	Image position aligning sensor		• Check the connectors and harnesses (J673, J781) between the image position aligning sensor and the LGC board (CN366). • Check if the light emitting or receiving area of the image position aligning sensor stained with toner.	
13	Are the sensor shutters of the image position aligning sensor opening or closing normally? Are they normal without any damage? 1. Take off the transfer belt unit so that the sensor unit can be seen. 2. Turn the power ON while [0] and [3] are pressed simultaneously. 3. The shutter should be opened when “125” is keyed in. It should be closed when “175” is keyed in.	Yes		14
		No		15
14	Is the light emitting area of the image position aligning sensor emitting LEDs? 1. Key in “125” to open the sensor shutter. 2. The light emitting area of the sensor should emit LEDs when "126" is keyed in.	Yes		16
		No		15
15	Image position aligning sensor		• Connector and harness check • Clean the light emitting and receiving areas of the image position aligning sensor. • If the sensor shutter is damaged, replace it. • If the sensor shutter solenoid is not operating normally, replace the solenoid.	11
16	< Checking with test pattern >		• Turn the power ON while [0] and [4] are pressed simultaneously. • Key in “286”, then press the [START] button. • Press the [CLEAR] button after one sheet of test pattern has been exited. • Check if the printed image of the test pattern in each color contains difference in density on its front, center and rear sides, or if there is any image trouble in a whole image.	
17	Is the image of the test pattern printed normally without any difference in density on its front and rear sides?	Yes		20
		No		18

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Step	Check Item	Result	Measure	Next Step
18	Transfer belt and the photoconductive drum		Check the contacting status of the transfer belt and the photoconductive drum.	19
19	Developer material		Check the amount of the developer material. (Check if the developer material is supplied on the developer sleeve.)	20
20	Is the image printed normally without yellow, magenta, cyan or black streaks in the secondary scanning direction?	Yes		22
		No		21
21	Check if the main charger wire corresponding to the color of the streaks is stained.			22
22	Is the image printed normally without white streaks in the secondary scanning direction?	Yes		24
		No		23
23	Check if the LED head is stained.			
24	Is a certain color in the printed image turned to black solid?	Yes		26
		No		25
25			• Abnormality in the main high-voltage transformer corresponding to the color or abnormality in the LED head. • Switch one of 4 main high-voltage transformers which possibly contains abnormality with the one possibly normal. Then print the same test pattern. • If the color which turned into black solid changes along with the replacement of the main high-voltage transformer, this main high-voltage transformer is defined as abnormal. • If the color which turned into black solid does not change, check if the harness between the LGC board and the main high-voltage transformer is broken or if the power is sufficiently supplied to the main charger (breaking of the high-voltage harness or connection defect). If no problem is found, check the LED head.	26
26	If the density level is low on both front and rear sides, is the image printed normally in cases other than noted above?	Yes		28
		No		27

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Step	Check Item	Result	Measure	Next Step
27			• Check if the photoconductive drum and the transfer belt are rotating. If not, correct their mechanism. • Check if there are abnormal stain, large breaking or scratches on the transfer belt surface. • Check if the connector of the transfer transformer is disconnected. • Check if the high-voltage harnesses of the main high-voltage transformer and the transfer transformer are disconnected. • Check if the harness between the LGC board and the transfer transformer is broken. • Check if the high-voltage joints of the transfer belt unit are securely contacted or if they are not stained. • Check if the high-voltage harness is broken. • Check if the connector of the main high-voltage transformer is disconnected. • Check if the harness between the LGC board and the main high-voltage transformer is broken. • Replace the transfer transformer. • Replace the main high-voltage transformer.	16
28	< Checking with the enforced image position adjustment > Does the error [CA00] occur during the position adjustment control? 1. Turn the power ON while [0] and [5] are pressed simultaneously. 2. Key in “4719”, then press the [START] button. (05-4719: Enforced position adjustment)	Yes		29
		No		9
29	< Validating the color registration control >		Check the operation and correct if necessary. Then be sure to perform the following: 1. Turn the power ON while [0] and [8] are pressed simultaneously. 2. Key in “4546”, then press the [START] button. (08-4546: Position adjustment control / Mode setting) 3. Set the value to “4” (default value). 4. Turn the power OFF.	
30	<Checking the image position aligning sensor>		Clean the image position aligning sensor (S7, S8).	

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Step	Check Item	Result	Measure	Next Step
31	<Checking the power supply>		Check if any of the springs for supplying power to the transfer belt unit is deformed. Replace the spring if it is deformed.	

[CE10] Image quality sensor abnormality (OFF level)

Classification	Contents
Image control related service call	Image quality sensor abnormality (OFF level): The output value of this sensor is out of a specified range when sensor light source is OFF.

Check Item	Measure
Image quality sensor	Connector check
LGC board	• Connector check (CN366) • Check the harnesses between the LGC board and the image quality sensor. • Check the harnesses between the LGC board and the switching power supply.

Replacement part	Measure
Switching power supply	
Image quality sensor	
LGC board	

[CE20] Image quality sensor abnormality

Classification	Contents
Image control related service call	Image quality sensor abnormality (no pattern level): The output value of this sensor is out of a specified range when the image quality control test pattern is not formed.

Step	Check Item	Result	Measure	Next Step
1	• Check the image quality sensor detection value (05-2757). • Is the value of 05-2757-0 "0", and is the value of 05-2757-1 "255"?	Yes		9
		No		2
2	• Is the transfer belt or the transfer belt unit securely installed? • Are there any abnormal stains (cleaning defects), large scratches or breaking on the transfer belt surface? • Are the drum and the transfer belt rotating smoothly? • Is the transfer belt tight?	Yes		6
		No		3

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Step	Check Item	Result	Measure	Next Step
3	Transfer belt unit		Check if the transfer belt unit is securely installed. Correct it if not.	4
4	Transfer belt		Check if any toner image remains on the transfer belt surface. If any, check the installation status of the TBU cleaner unit. If there is any abnormality, correct it, and clean the transfer belt.	5
5	Drum and transfer belt		Check if the drum and the transfer belt are properly operated. (ON: 03-101 / OFF: 03-151) If the transfer belt rotates normally, check if any abnormal stains (cleaning defects), large scratches or breaking are on the surface of transfer belt by making full rotation of transfer belt. Replace the transfer belt if any. Check if the transfer belt is loose or heaving, and correct it if needed. If they are not rotating normally, check if their drive gears are damaged or if they contact the equipment. Correct it if needed.	19*
6	• Is the sensor shutter of the image quality sensor opening or closing normally? Or is it normal without any damage? • Is the sensor surface of the image quality sensor clean?	Yes		9
		No		7
7	Sensor unit		Take off the transfer belt unit so that you can see the sensor unit.	
8	Sensor shutter		• Check if the sensor shutter is opening or closing normally. (Opening: 03-125 / Closing: 03-175) If the sensor shutter is not opening or closing, check if it is damaged or there is any abnormality in the sensor shutter solenoid. * If the shutter is opened (03-125), close the shutter (03-175). • Check the connector and the harness between the sensor shutter solenoid and the LGC board. (LGC CN337-8pin, 9pin) • Slide the sensor shutter so that the sensor surface can be seen. Clean the sensor surface with a cotton swab or a soft cloth. Clean the area around the sensor (e.g.: sensor shutter) if it is stained, so that the sensor surface does not become dirty.	19*

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Step	Check Item	Result	Measure	Next Step
9	Image quality sensor		Check the connectors and harnesses between the LGC board (CN366) and the image quality sensor.	*
10	• Is +5V power supply voltage normally supplied to the image quality sensor? • Is +5V voltage normally output by the CN345-7pin on the LGC board?	Yes		13
		No		11
11	Switching power supply		Check if +5V voltage is output by the switching power supply (PS-ACC CN404-7pin).	
12	LGC board		• Check if +5V voltage is output by the C33 + terminal on the LGC board. • Check if the supply harness between the switching power supply and the LGC board is open circuited, damaged or disconnected.	19*
13	Set the values of "Image quality closed-loop control / Contrast voltage (08-2486)" to "0" (Invalid).			
14	Perform “Enforced performing of image quality open-loop control (05-2740)”.			
15	Output the image quality control test pattern (04-270) more than one time and the list print ([9][START]). Is the image normal?	Yes		17
		No		16
16	Abnormal image Correct the abnormal image.		Blank print, Solid print, White banding, Color banding, White spots, Poor transfer, Uneven image density, Faded image (low density), Uneven light distribution, Blotched image. * Blank print: including when one of the YMCK colors is not printed.	18
17	Replace the image quality sensor or the LGC board.			
18	Set the values of “Image quality closed-loop control / Contrast voltage (08-2486)” to “1” (Valid).			
19	Perform "Forced performing of image quality closed-loop control (05-2742)" and make sure it is completed normally. (Error [CE10], [CE20] and [CE40] do not appear.)	Yes		21
		No		20
20	Check and correct it accordingly.			
21	Perform "Automatic gamma adjustment".			

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Step	Check Item	Result	Measure	Next Step
22	Reset all of the values in the codes “Abnormality detection count (Y/M/C/K) Display/0 clearing (08-2528 to 08-2531)”.			

* Go to step 13 for the second time.

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[CE40] Image quality control test pattern abnormality

Classification	Contents
Image control related service call	Image quality control test pattern abnormality: The test pattern is not formed normally.

Step	Check Item	Result	Measure	Next Step
1	Check if there is any abnormality on the hand grips and rods of the main charger cleaner. Correct if there is.			
2	Check if the drum is rotated properly by turning the coupling of the developer unit. Correct the auger and the surrounding hardware if not.			
3	LED head		• Check the connectors and harnesses between the LGC board (CN380, CN381, CN382, CN383, CN384, CN385, CN386, CN387, CN592, CN593, CN594, CN595, CN596, CN597, CN598 and CN599) and theLED head. • Check if there is any stain or scratch on the LED head. Clean or correct if there is.	
4	Check if there is any stain on the image quality sensor (Rear).			
5	Check if the sensor shutter is working properly.			
6	Transfer belt		Check if the transfer belt is properly operated. (ON: 03-101 / OFF: 03-151) If the transfer belt rotates normally, check if any abnormal stains (cleaning defects), large scratches or breaking are on the surface of transfer belt by making full rotation of transfer belt. Replace the transfer belt if any. Check if the transfer belt is loose or heaving, and correct it if needed. If the transfer belt is not rotating normally, check if the drive gears are damaged or if it contacts the equipment or if the transfer belt cleaning unit is normal. Correct it if needed.	17*
7	Check if any of the springs for supplying power to the transfer belt unit is deformed. Replace the spring if it is deformed.			
8	Use “Image quality control abnormal detection counter Y to K display/0 clearing (08-2528 to 2531)” to check the abnormal occurring condition for each color.			

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Step	Check Item	Result	Measure	Next Step
9	Check the first pattern detection value for each color of image quality sensor detection value (05-2758-2 to 5), and identify the color of unit which causing test pattern abnormality. Identify the color of unit by check the value which exceeds "600". (Sub-code 2: Y, 3: M, 4: C, 5: K)			
10	Check if the developer unit identified in step 9 has been installed properly.		Visually check the installation status of the developer unit, and correct it if there is any abnormality.	17*
11	Set the values of "Image quality closed-loop control / Contrast voltage (08-2486)" to "0" (Invalid).			
12	Perform "Enforced performing of image quality open-loop control (05-2740)".			
13	Output several number of sheets of the image quality control test pattern (04-270) and the list print ([9][START]->101), and check the pattern of the color identified in step 9. Is the image normal?	Yes		15
		No		14
14	Abnormal image Correct the abnormal image.		Blank print, Solid print, White banding, Color banding, White spots, Poor transfer, Uneven image density, Faded image (low density), Uneven light distribution, Blotched image. * Blank print: including when one of the YMCK colors is not printed.	16
15	Replace the image quality sensor or LGC board.			
16	Set the values of “Image quality closed-loop control / Contrast voltage (08-2486)” to “1” (Valid).			
17	Perform “Forced performing of image quality closed-loop control (05-2742).” Is it completed normally?	Yes		19
		No		18
18	Check and correct it accordingly.			
19	Perform "Automatic gamma adjustment".			
20	Clear all “Image quality control abnormal detection counter Y to K display/0 clearing (08-2528 to 2531)”.			

* If you have already performed this checking cycle once, proceed to step (11).

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[CE41] Image quality TRC control test pattern abnormality

Classification	Error item
Image control related service call	The image quality TRC control test pattern is not printed normally.

Step	Check item	Result	Measures	Next step
1	Change the setting of the image quality TRC control to "Disabled". Set the values of 08-2600 and 08-8103 to "0".			2
2	Output several number of sheets of the image quality control test pattern (04-270) and the list print ([9][START]->101), and check the pattern of each color. Is the image normal?	YES		3
		NO	• Check if process units and developer units are properly installed. • Check if there is any scattered toner or developer material around the LED head, clean it if there is any. • Correct the problem by referring to "Troubleshooting for the Image". 📖 P. 8-277 "8.5 Troubleshooting for the Image"	
3	Change the setting of the image quality TRC control to "Enabled". Set the values of 08-2600 and 08-8103 to "1".			4
4	Perform the automatic gamma adjustment. If the adjustment is normally finished, this is the end of the procedure. If the error CE41 still occurs, proceed to step 5.			
5	4.Check if the harness between the connector CN128 on the SYS board and the connector CN350 on the LGC board is disconnected or open circuited. Correct if so.			6
6	6.Check if the conductor patterns on the SYS board and the LGC board are short circuited or open circuited.			7
7	7.If no abnormality is found in steps 5 to 6 above, replace the IMG board.			8
8	8.Perform automatic gamma adjustment. If the adjustment is normally finished, this is the end of the procedure. If the error CE41 still occurs, proceed to step 9.			

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Step	Check item	Result	Measures	Next step
9	Reinstall the removed SYS board and then replace the LGC board. Perform automatic gamma adjustment after the board is replaced.			

Replace parts	Remarks
LGC board	
SYS board	

[CE50] Temperature/humidity sensor abnormality

Classification	Contents
Image control related service call	Temperature/humidity sensor abnormality: The output value of this sensor is out of a specified range.

Check Item	Measure
Temperature/humidity sensor	Check the connectors and harnesses between the temperature/humidity sensor and LGC board (CN369).

Replacement part	Measure
Temperature/humidity sensor	
LGC board	

[CE60] Drum thermistor 2 abnormality

Classification	Error item
Copy process related service call	The output value of the drum thermistor 2 is out of a specified range.

Check item	Measures
Drum thermistor 2	• Thermistor check (Perform the input check: 03-[COPY]ON/[4]) • Connector check (J1054) • Harness check
LGC board	• Connector check (CN370) • Harness check

Replace parts	Remarks
Drum thermistor 2	
LGC board	

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[CE70] Drum drive switching abnormality

Classification	Contents
Image control related service call	Drum drive switching abnormality: The drum switching detection sensor (S11) is not turned ON after the drum motor was rotated for a specified period of time.

Step	Check Item	Result	Measure	Next Step
1	Is the drum switching motor (M3) operating properly? (Perform the output check: 03-240)	Yes		5
		No		2
2	Drum switching motor (M3)		Check the connector of the motor and joint connectors	
3	Drum switching detection sensor (S11)		Sensor check	
4	LGC board		• Connector check (CN391, CN392) • Board check	
5	Is the drum switching detection sensor (S11) working? (Perform the input check: 03-[ALL]OFF/[8]/[F] (Highlighted in the black mode))	Yes		8
		No		6
6	Drum switching detection sensor (S11)		• Sensor, connector, joint connector check • Check if there is any foreign matter such as grease in the detection area of the drum switching detection sensor.	
7	LGC board		• Connector check (CN391, CN392) • Board check	
8	Is the drum switching motor assembled in the drum drive unit able to be rotated smoothly by hand?	Yes		10
		No		9
9	Drum switching motor (M3)		• While reinstalling the drum switching motor, push it so that its gear will slightly move away from the engaging gear. • Check the bracket in which the drum switching motor is installed. If it is deformed, replace it.	
10	Is the drum switching guide able to be moved smoothly by hand after the drum switching motor has been removed?	Yes		12
		No		11
11	Drum switching motor (M3)		Check if the slide area (guide, plate) of the drum switching guide is deformed or any foreign matter is attached to it. (Replace it if there is.)	
12	LGC board		Board check	

Replacement part	Measure
Drum switching motor (M3)	

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Replacement part	Measure
Drum switching detection sensor (S11)	
LGC board	

[CE90] Drum thermistor 1 abnormality

Classification	Contents
Image control related service call	Drum thermistor 1 abnormality: The output value of the drum thermistor 1 is out of a specified range.

Check Item	Measure
Drum thermistor 1	• Thermistor check (Perform the input check: 03-[COPY]ON/[3]) • Connector check (J1053) • Harness check
LGC board	• Connector check (CN370)

Replacement part	Measure
Drum thermistor 1	
LGC board	

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8.3.23 Copy process related service call

[C370] Drum TBU motor abnormality

Classification	Contents
Copy process related service call	Transfer belt motor abnormality

Check Item	Measure
Transfer belt unit	• Connector check (J1061, J1063) • Check if the transport belt unit is working normally.
Drum TBU motor	Connector check
LGC board	Connector check (CN388)
Transfer belt	Check if it's normal
Release detection sensor	Sensor check

Replacement part	Measure
Drum TBU motor	
LGC board	

[C380] Auto-toner sensor-K abnormality (upper limit)

Classification	Contents
Copy process related service call	Auto-toner sensor-K abnormality (upper limit)

Step	Check Item	Result	Measure	Next Step
1	Developer unit		• Check if the developer unit is installed properly. • Check that the developer unit and coupling on the equipment side are properly engaged. • Check that the mixer of the developer unit is rotated. • Check if the developer material is too dark visually. • Check if the amount of the developer material is too large or too small. • Remove any toner or dust on the ATC sensor connector and the drawer connector of the process cover. • Remove any toner or dust on the EPU sensor connector and the drawer connector on the equipment side.	
2	Auto toner sensor - Equipment Harness - LGC board		• Check the connectors and harnesses between the auto toner sensor and LGC board (CN365). • Remove any foreign matter such as toner in the connector of the auto toner sensor.	

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Replacement part	Measure
Auto toner sensor	
Harness	
LGC board	
Developer material	

[C381] Auto-toner sensor-K abnormality (lower limit)

Classification	Contents
Copy process related service call	Auto-toner sensor-K abnormality (lower limit)

Step	Check Item	Result	Measure	Next Step
1	Developer unit		• Check if the developer unit is installed properly. • Check that the developer unit and coupling on the equipment side are properly engaged. • Check that the mixer of the developer unit is rotated. • Check if the developer material is too light visually. • Check if the amount of the developer material is too large or too small. • Remove any toner or dust on the ATC sensor connector and the drawer connector of the process cover. • Remove any toner or dust on the EPU sensor connector and the drawer connector on the equipment side.	
2	Auto toner sensor Harness LGC board		• Check the connectors and harnesses between the auto toner sensor and LGC board (CN365). • Check if there is any foreign matter such as toner in the connector of the auto toner sensor. Remove if there is and reconnect it.	

Replacement part	Measure
Auto toner sensor	
Harness	
LGC board	
Developer material	

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[C390] Auto-toner sensor-C abnormality (upper limit)

Classification	Contents
Copy process related service call	Auto-toner sensor-C abnormality (upper limit)

Step	Check Item	Result	Measure	Next Step
1	Developer unit		• Check if the developer unit is installed properly. • Check that the developer unit and coupling on the equipment side are properly engaged. • Check that the mixer of the developer unit is rotated. • Check if the developer material is too dark visually. • Check if the amount of the developer material is too large or too small. • Remove any toner or dust on the ATC sensor connector and the drawer connector of the process cover. • Remove any toner or dust on the EPU sensor connector and the drawer connector on the equipment side.	
2	Auto toner sensor Harness LGC board		• Check the connectors and harnesses between the auto toner sensor and LGC board (CN365). • Check if there is any foreign matter such as toner in the connector of the auto toner sensor. Remove if there is and reconnect it.	

Replacement part	Measure
Auto toner sensor	
Harness	
LGC board	
Developer material	

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[C391] Auto-toner sensor-C abnormality (lower limit)

Classification	Contents
Copy process related service call	Auto-toner sensor-C abnormality (lower limit)

Step	Check Item	Result	Measure	Next Step
1	Developer unit		• Check if the developer unit is installed properly. • Check that the developer unit and coupling on the equipment side are properly engaged. • Check that the mixer of the developer unit is rotated. • Check if the developer material is too light visually. • Check if the amount of the developer material is too large or too small. • Remove any toner or dust on the ATC sensor connector and the drawer connector of the process cover. • Remove any toner or dust on the EPU sensor connector and the drawer connector on the equipment side.	
2	Auto toner sensor Harness LGC board		• Check the connectors and harnesses between the auto toner sensor and LGC board (CN365). • Check if there is any foreign matter such as toner in the connector of the auto toner sensor. Remove if there is and reconnect it.	

Replacement part	Measure
Auto toner sensor	
Harness	
LGC board	
Developer material	

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[C3A0] Auto-toner sensor-M abnormality (upper limit)

Classification	Contents
Copy process related service call	Auto-toner sensor-M abnormality (upper limit)

Step	Check Item	Result	Measure	Next Step
1	Developer unit		• Check if the developer unit is installed properly. • Check that the developer unit and coupling on the equipment side are properly engaged. • Check that the mixer of the developer unit is rotated. • Check if the developer material is too dark visually. • Check if the amount of the developer material is too large or too small. • Remove any toner or dust on the ATC sensor connector and the drawer connector of the process cover. • Remove any toner or dust on the EPU sensor connector and the drawer connector on the equipment side.	
2	Auto toner sensor Harness LGC board		• Check the connectors and harnesses between the auto toner sensor and LGC board (CN364). • Check if there is any foreign matter such as toner in the connector of the auto toner sensor. Remove if there is and reconnect it.	

Replacement part	Measure
Auto toner sensor	
Harness	
LGC board	
Developer material	

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[C3A1] Auto-toner sensor-M abnormality (lower limit)

Classification	Contents
Copy process related service call	Auto-toner sensor-M abnormality (lower limit)

Step	Check Item	Result	Measure	Next Step
1	Developer unit		• Check if the developer unit is installed properly. • Check that the developer unit and coupling on the equipment side are properly engaged. • Check that the mixer of the developer unit is rotated. • Check if the developer material is too light visually. • Check if the amount of the developer material is too large or too small. • Remove any toner or dust on the ATC sensor connector and the drawer connector of the process cover. • Remove any toner or dust on the EPU sensor connector and the drawer connector on the equipment side.	
2	Auto toner sensor Harness LGC board		• Check the connectors and harnesses between the auto toner sensor and LGC board (CN364). • Check if there is any foreign matter such as toner in the connector of the auto toner sensor. Remove if there is and reconnect it.	

Replacement part	Measure
Auto toner sensor	
Harness	
LGC board	
Developer material	

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[C3B0] Auto-toner sensor-Y abnormality (upper limit)

Classification	Contents
Copy process related service call	Auto-toner sensor-Y abnormality (upper limit)

Step	Check Item	Result	Measure	Next Step
1	Developer unit		• Check if the developer unit is installed properly. • Check that the developer unit and coupling on the equipment side are properly engaged. • Check that the mixer of the developer unit is rotated. • Check if the developer material is too dark visually. • Check if the amount of the developer material is too large or too small. • Remove any toner or dust on the ATC sensor connector and the drawer connector of the process cover. • Remove any toner or dust on the EPU sensor connector and the drawer connector on the equipment side.	
2	Auto toner sensor Harness LGC board		• Check the connectors and harnesses between the auto toner sensor and LGC board (CN364). • Check if there is any foreign matter such as toner in the connector of the auto toner sensor. Remove if there is and reconnect it.	

Replacement part	Measure
Auto toner sensor	
Harness	
LGC board	
Developer material	

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[C3B1] Auto-toner sensor-Y abnormality (lower limit)

Classification	Contents
Copy process related service call	Auto-toner sensor-Y abnormality (lower limit)

Step	Check Item	Result	Measure	Next Step
1	Developer unit		• Check if the developer unit is installed properly. • Check that the developer unit and coupling on the equipment side are properly engaged. • Check that the mixer of the developer unit is rotated. • Check if the developer material is too light visually. • Check if the amount of the developer material is too large or too small. • Remove any toner or dust on the ATC sensor connector and the drawer connector of the process cover. • Remove any toner or dust on the EPU sensor connector and the drawer connector on the equipment side.	
2	Auto toner sensor Harness LGC board		• Check the connectors and harnesses between the auto toner sensor and LGC board (CN364). • Check if there is any foreign matter such as toner in the connector of the auto toner sensor. Remove if there is and reconnect it.	

Replacement part	Measure
Auto toner sensor	
Harness	
LGC board	
Developer material	

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[C3E0] Developer unit replacement (old-new) detection abnormality

Classification	Contents
Copy process related service call	Developer unit replacement (old-new) detection abnormality

Step	Check Item	Result	Measure	Next Step
1	Check if the old/new detection bar of the developer unit is being ejected.	Yes		4
		No		2
2	Check if the harness of the old/new detection switch in the developer unit is open circuited.	Yes		3
		No	Replace the harness.	
3	Is the old/new detection switch of the developer unit normal?	Yes		4
		No	Replace the old/new detection switch.	
4	Check if the old/new detection pusher is moved to the escape position while the coupling of the developer unit is rotated by hand. (Is the driving in the old/new detection pusher section transmitted?)	Yes		3
		No	Correct the old/new detection pusher so that it is moved to the escape position.	
5	Check that the coupling of the paper feed developer drive unit is driven properly.	Yes	Correct the engagement of the couplings in the paper feed developer drive unit and the developer unit.	9
		No		6
6	Check that the paper feeding/developer unit drive motor rotates properly. (Input check: 03-112)	Yes		9
		No		7
7	Check that the connector of the paper feeding/developer unit drive motor is connected properly.	Yes		9
		No		8
8	Check if the harness of the paper feeding/developer unit drive motor is open circuited.	Yes		9
		No	Replace the paper feeding/developer unit drive motor.	
9	Check that the coupling of the drum TBU drive unit is driven properly.	Yes	Correct the engagement of the couplings in the drum TBU drive unit and the developer unit.	
		No		10
10	Check that the connector of the LGC board (CN310) is connected properly.	Yes		11
		No	Reconnect the connector.	
11	Is the harness of the LGC board normal?	Yes		12
		No	Replace the harness.	
12	Is the LGC board normal?		Replace the LGC board.	

Replacement part	Measure
Developer unit old/new detection switches	
Paper feeding/developer unit drive motor	
LGC board	

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Replacement part	Measure
Harness	

[C3E1] Drum/cleaner/charger unit replacement (old-new) detection abnormality

Classification	Contents
Copy process related service call	Drum/cleaner/charger unit replacement (old-new) detection abnormality

Step	Check Item	Result	Measure	Next Step
1	Check if the old/new detection bar of the drum cleaner unit is being ejected.	Yes		4
		No		2
2	Check if the harness of the drum old/new detection switch in the drum cleaner unit is open circuited.	Yes		3
		No	Replace the harness.	
3	Is the drum old/new detection switch of the drum cleaner unit normal?	Yes		4
		No	Replace the drum old/new detection switch.	
4	Check if the drum old/new detection pusher is moved to the escape position while the coupling of the drum cleaner unit is rotated by hand. (Is a driving in the old/new detection pusher section transmitted?)	Yes		3
		No	Correct the drum old/new detection pusher so that it is moved to the escape position.	
5	Check that the coupling of the drum TBU drive unit is driven properly.	Yes	Correct the engagement of the couplings in the drum TBU drive unit and the drum cleaner unit.	9
		No		6
6	Check that the drum TBU drive motor rotates properly. (Input check: 03-112)	Yes		9
		No		7
7	Check that the connector of the drum TBU drive motor is connected properly.	Yes		9
		No		8
8	Check if the harness of the drum TBU drive motor is open circuited.	Yes		9
		No	Replace the drum TBU drive motor.	
9	Check that the connector of the LGC board (CN360) is connected properly.	Yes		11
		No	Reconnect the connector.	
10	Is the harness of the LGC board normal?	Yes		11
		No	Replace the harness.	
11	Is the LGC board normal?		Replace the LGC board.	

Replacement part	Measure
Drum old/new detection switches	
Drum TBU motor	
LGC board	

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Replacement part	Measure
Harness	

[C970] High-voltage transformer abnormality

Classification	Contents
Copy Process related service call	High-voltage transformer abnormality: Leakage of the main charger is detected.

Check Item	Measure
Main charger	Check if the main charger is installed securely.
Spring of high-voltage supply contact point	Check if the spring of high-voltage supply contact point is deformed.
Needle electrode	• Check if the needle electrode is broken or the main charger grid is deformed. • Check if any foreign matter is on the needle electrode or main charger grid.

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8.3.24 Other service call

[F100_0] HDD format error (Operation failure of key data)

Classification	Contents
Other service call	HDD format error: Operation of HDD key data fails.

Check item	Measures
Setting	Reboot the equipment. If it cannot be recovered, reinstall the software in the following procedure. 1. Install the system firmware. 📖 P. 11-5 "11.2 Firmware Updating with USB Device"

[F100_1] HDD format error (HDD encryption key data damaged - one board)

Classification	Contents
Other service call	HDD format error: Encryption key data of either the SYS board or the SRAM board for the SYS board are damaged.

Check item	Measures
Encryption key status	Check the displayed message. ([3] + [C] + [POWER] → 5. Key Backup Restore)

Take appropriate countermeasures shown in the table below according to the messages displayed in "SRAM Key Status" and "FROM Key Status".

Remarks:

If the error is not cleared, reinstallation of the system firmware, system software and application is needed. ([4]+[9] → Power-ON)
📖 P. 11-5 "11.2 Firmware Updating with USB Device"

SRAM Key Status	FROM Key Status	Measure
OK	AccessFailed	Replace the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" (all steps)
OK	KeyNull	Recover the encryption key on the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" ([D]Restore encryption key)
	KeyBroken	
AccessFailed	OK	Replace the SRAM board (for the SYS board). (USB backup data are not used) 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" (all steps)
KeyNull	OK	Recover the encryption key on the SRAM board. 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" ([H]Backup encryption key)
KeyBroken		

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SRAM Key Status	FROM Key Status	Measure
Keymismatch	Keymismatch	<The error occurs when the SYS board is replaced> Recover the encryption key on the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" ([D]Restore encryption key) <The error occurs except when the SYS board is replaced> Replace the SRAM board (for the SYS board). 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" (all steps)

[F100_2] HDD format error (HDD encryption key data damaged - both boards)

Classification	Contents
Other service call	HDD format error: Encryption key data of both the SYS board and the SRAM board for the SYS board are damaged.

Check item	Measures
Encryption key status	Check the displayed message. ([3] + [C] + [POWER] → 5. Key Backup Restore)

Take appropriate countermeasures shown in the table below according to the messages displayed in "SRAM Key Status" and "FROM Key Status".

Remarks:

If the error is not cleared, reinstallation of the system firmware / system software and application is needed. ([4]+[9] → Power-ON)

SRAM Key Status	FROM Key Status	Measure
*	AccessFailed	Replace the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" (all steps) <With USB backup data: All key data recovery> 1. Recover all the data on the SRAM board. [5] + [9] + [POWER] → 2. Restore SRAM Data from USB (For details, see "12.1.4Cloning procedure [B]Restore procedure") 2. Recover the encryption key/license on the SYS board. Follow the procedures below noted in "9.2.4Precautions and Procedures when replacing the SYS board". [C] Restore ADI key (only when ADI-HDD is installed) [D] Restore encryption key [E] Restore license
AccessFailed	*	Replace the SYS board. 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" (for the SYS board, all steps)

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SRAM Key Status	FROM Key Status	Measure
KeyNull/ KeyBroken	KeyNull/ KeyBroken	<No USB backup data> 1. Reinstall the system software. 📖 P. 11-5 "11.2 Firmware Updating with USB Device" <With USB backup data: All key data recovery> 1. Recover all the data on the SRAM board. [5] + [9] + [POWER] → 2. Restore SRAM Data from USB (For details, see "12.1.4Cloning procedure [B]Restore procedure") 2. Recover the encryption key/license on the SYS board. Follow the procedures below noted in "9.2.4Precautions and Procedures when replacing the SYS board". [C] Restore ADI key (only when ADI-HDD is installed) [D] Restore encryption key [E] Restore license

* AccessFailed, KeyNull or KeyBroken

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[F101_0] HDD connection error (HDD connection cannot be detected.)

[F101_1] Root partition mount error (HDD formatting fails.)

[F101_2][F101_3] Partition mount error (The HDD cannot be connected (mounted) caused by damage to areas other than those described in the F101_1 and F101_4 to F101_9 errors.)

Classification	Contents
Other service call	HDD unmounted: Connection of HDD cannot be detected. Sub-code 0: HDD connection error (HDD connection cannot be detected.) Sub-code 1: Root partition mount error (HDD formatting fails.) Sub-code 2, 3: Partition mount error (The areas other than those described in the F101_1 and F101_4 to F101_9 errors are damaged.)

Check item	Measures
HDD, SYS board, Setting	1. Turn the power of the equipment OFF and check the connection of the HDD. - Connector and harness check - Check if the connector pins of the HDD are bent. - Check if HDD for other equipment is not installed. - Check if SRAM for other equipment is not installed. 2. If the error still occurs after step 1, perform the following. - Perform [3C] - [5] (Key Backup Restore) and check that each Key Status is "OK". - If not, recover the key (copy "SRAM Key Status" to "FROM Key Status" or vice versa). 3. If the error still persists after step 2, perform the following. - Perform [3C] - [3] (Format HDD), and then install "System Software (HD data)" with [49] - [4]. **Notes:** The following items will be deleted by performing [3C] - [3] (Format HDD). • Message Log • Job Log • Spool Data (Print, Email reception) • Template If F101_1 occurs with ADI-HDD or the error persists after performing step 3, perform step 3 after performing [4]+[C]+[POWER]→1. Revert factory initial status HDD. 4. If the error persists even after step 3, replace the HDD.

Replacement part	Measure
HDD	
SYS board	

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[F101_4] Partition mount error (The HDD cannot be connected (mounted) caused by damage to the "/work" partition.)

Classification	Contents
Other service call	HDD unmounted: Connection of HDD cannot be detected. Sub-code 4: Partition mount error (The "/work" partition is damaged.)

Check item	Measures
HDD, SYS board, Setting	1. Turn the power of the equipment OFF and check the connection of the HDD. - Connector and harness check - Check if the connector pins of the HDD are bent. - Check if HDD for other equipment is not installed. - Check if SRAM for other equipment is not installed. 2. If the error still occurs after step 1, perform the following. - Perform [3C] - [5] (Key Backup Restore) and check that each Key Status is "OK". - If not, recover the key (copy "SRAM Key Status" to "FROM Key Status" or vice versa). 3. If the error persists after step 2, perform [5]+[C]+[POWER]→2. Recovery F/S→3. /work, and then restart the equipment. 4. If the error persists after step 3, perform [5]+[C]+[POWER]→3. Initialize HDD→2. /work, and then restart the equipment. 5. If the error still persists after step 4, perform the following. - Perform [3C] - [3] (Format HDD), and then install "System Software (HD data)" with [49] - [4]. **Notes:** The following items will be deleted by performing [3C] - [3] (Format HDD). • Message Log • Job Log • Spool Data (Print, Email reception) • Template If the error persists after performing step 5, perform step 5 after performing [4]+[C]+[POWER]→1. Revert factory initial status HDD. 6. If the error persists even after step 5, replace the HDD.

Replacement part	Measure
HDD	
SYS board	

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[F101_5] Partition mount error (The HDD cannot be connected (mounted) caused by damage to the "/registration" partition.)

Classification	Contents
Other service call	HDD unmounted: Connection of HDD cannot be detected. Sub-code 5: Partition mount error (The "/registration" partition is damaged.)

Check item	Measures
HDD, SYS board, Setting	1. Turn the power of the equipment OFF and check the connection of the HDD. - Connector and harness check - Check if the connector pins of the HDD are bent. - Check if HDD for other equipment is not installed. - Check if SRAM for other equipment is not installed. 2. If the error still occurs after step 1, perform the following. - Perform [3C] - [5] (Key Backup Restore) and check that each Key Status is "OK". - If not, recover the key (copy "SRAM Key Status" to "FROM Key Status" or vice versa). 3. If the error persists after step 2, perform [5]+[C]+[POWER]→2. Recovery F/S→4. /registration, and then restart the equipment. 4. If the error persists after step 3, perform [5]+[C]+[POWER]→3. Initialize HDD→3. /registration, and then restart the equipment. 5. If the error still persists after step 4, perform the following. - Perform [3C] - [3] (Format HDD), and then install "System Software (HD data)" with [49] - [4]. **Notes:** The following items will be deleted by performing [3C] - [3] (Format HDD). • Message Log • Job Log • Spool Data (Print, Email reception) • Template If the error persists after performing step 5, perform step 5 after performing [4]+[C]+[POWER]→1. Revert factory initial status HDD. 6. If the error persists even after step 5, replace the HDD.

Replacement part	Measure
HDD	
SYS board	

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[F101_6] Partition mount error (The HDD cannot be connected (mounted) caused by damage to the "/backup" partition.)

Classification	Contents
Other service call	HDD unmounted: Connection of HDD cannot be detected. Sub-code 6: Partition mount error (The "/backup" partition is damaged.)

Check item	Measures
HDD, SYS board, Setting	1. Turn the power of the equipment OFF and check the connection of the HDD. - Connector and harness check - Check if the connector pins of the HDD are bent. - Check if HDD for other equipment is not installed. - Check if SRAM for other equipment is not installed. 2. If the error still occurs after step 1, perform the following. - Perform [3C] - [5] (Key Backup Restore) and check that each Key Status is "OK". - If not, recover the key (copy "SRAM Key Status" to "FROM Key Status" or vice versa). 3. If the error persists after step 2, perform [5]+[C]+[POWER]→2. Recovery F/S→5. /backup, and then restart the equipment. 4. If the error persists after step 3, perform [5]+[C]+[POWER]→3. Initialize HDD→4. /backup, and then restart the equipment. 5. If the error still persists after step 4, perform the following. - Perform [3C] - [3] (Format HDD), and then install "System Software (HD data)" with [49] - [4]. **Notes:** The following items will be deleted by performing [3C] - [3] (Format HDD). • Message Log • Job Log • Spool Data (Print, Email reception) • Template If the error persists after performing step 5, perform step 5 after performing [4]+[C]+[POWER]→1. Revert factory initial status HDD. 6. If the error persists even after step 5, replace the HDD.

Replacement part	Measure
HDD	
SYS board	

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[F101_7] Partition mount error (The HDD cannot be connected (mounted) caused by damage to the "/imagedata" partition.)

Classification	Contents
Other service call	HDD unmounted: Connection of HDD cannot be detected. Sub-code 7: Partition mount error (The "/imagedata" partition is damaged.)

Check item	Measures
HDD, SYS board, Setting	1. Turn the power of the equipment OFF and check the connection of the HDD. - Connector and harness check - Check if the connector pins of the HDD are bent. - Check if HDD for other equipment is not installed. - Check if SRAM for other equipment is not installed. 2. If the error still occurs after step 1, perform the following. - Perform [3C] - [5] (Key Backup Restore) and check that each Key Status is "OK". - If not, recover the key (copy "SRAM Key Status" to "FROM Key Status" or vice versa). 3. If the error persists after step 2, perform [5]+[C]+[POWER]→2. Recovery F/S→6. /imagedata, and then restart the equipment. 4. If the error persists after step 3, perform [5]+[C]+[POWER]→3. Initialize HDD→5. /imagedata, and then restart the equipment. 5. If the error still persists after step 4, perform the following. - Perform [3C] - [3] (Format HDD), and then install "System Software (HD data)" with [49] - [4]. **Notes:** The following items will be deleted by performing [3C] - [3] (Format HDD). • Message Log • Job Log • Spool Data (Print, Email reception) • Template If the error persists after performing step 5, perform step 5 after performing [4]+[C]+[POWER]→1. Revert factory initial status HDD. 6. If the error persists even after step 5, replace the HDD.

Replacement part	Measure
HDD	
SYS board	

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[F101_8] Partition mount error (The HDD cannot be connected (mounted) caused by damage to the "/storage" partition.)

Classification	Contents
Other service call	HDD unmounted: Connection of HDD cannot be detected. Sub-code 8: Partition mount error (The "/storage" partition is damaged.)

Check item	Measures
HDD, SYS board, Setting	1. Turn the power of the equipment OFF and check the connection of the HDD. - Connector and harness check - Check if the connector pins of the HDD are bent. - Check if HDD for other equipment is not installed. - Check if SRAM for other equipment is not installed. 2. If the error still occurs after step 1, perform the following. - Perform [3C] - [5] (Key Backup Restore) and check that each Key Status is "OK". - If not, recover the key (copy "SRAM Key Status" to "FROM Key Status" or vice versa). 3. If the error persists after step 2, perform [5]+[C]+[POWER]→2. Recovery F/S→7. /storage, and then restart the equipment. 4. If the error persists after step 3, perform [5]+[C]+[POWER]→3. Initialize HDD→6. /storage, and then restart the equipment. 5. If the error still persists after step 4, perform the following. - Perform [3C] - [3] (Format HDD), and then install "System Software (HD data)" with [49] - [4]. **Notes:** The following items will be deleted by performing [3C] - [3] (Format HDD). • Message Log • Job Log • Spool Data (Print, Email reception) • Template If the error persists after performing step 5, perform step 5 after performing [4]+[C]+[POWER]→1. Revert factory initial status HDD. 6. If the error persists even after step 5, replace the HDD.

Replacement part	Measure
HDD	
SYS board	

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[F101_9] Partition mount error (The HDD cannot be connected (mounted) caused by damage to the "/encryption" partition.)

Classification	Contents
Other service call	HDD unmounted: Connection of HDD cannot be detected. Sub-code 9: Partition mount error (The "/encryption" partition is damaged.)

Check item	Measures
HDD, SYS board, Setting	1. Turn the power of the equipment OFF and check the connection of the HDD. - Connector and harness check - Check if the connector pins of the HDD are bent. - Check if HDD for other equipment is not installed. - Check if SRAM for other equipment is not installed. 2. If the error still occurs after step 1, perform the following. - Perform [3C] - [5] (Key Backup Restore) and check that each Key Status is "OK". - If not, recover the key (copy "SRAM Key Status" to "FROM Key Status" or vice versa). 3. If the error persists after step 2, perform [5]+[C]+[POWER]→2. Recovery F/S→8. /encryption, and then restart the equipment. 4. If the error persists after step 3, perform [5]+[C]+[POWER]→3. Initialize HDD→7. /encryption, and then restart the equipment. 5. If the error still persists after step 4, perform the following. - Perform [3C] - [3] (Format HDD), and then install "System Software (HD data)" with [49] - [4]. **Notes:** The following items will be deleted by performing [3C] - [3] (Format HDD). • Message Log • Job Log • Spool Data (Print, Email reception) • Template If the error persists after performing step 5, perform step 5 after performing [4]+[C]+[POWER]→1. Revert factory initial status HDD. 6. If the error persists even after step 5, replace the HDD.

Replacement part	Measure
HDD	
SYS board	

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[F102] HDD start error
[F103] HDD transfer time-out
[F104] HDD data error
[F105] HDD other error

Classification	Contents
Other service call	HDD start error: HDD cannot become “Ready” state. HDD transfer time-out: Reading/writing cannot be performed in the specified period of time. HDD data error: Abnormality is detected in the data of HDD. HDD other error

Check item	Measures
HDD	• Connector and harness check • Check if the connector pins of the HDD are bent. • Perform the bad sector check (08-9072). If the check result is OK, recover the data in the HDD. If the check result is failed, replace the HDD.

Replacement part	Measure
HDD	
SYS board	

[F106_0] ADI-HDD error: Illegal disk replacement detected (ADI-HDD Exchange to SATA-HDD)

Classification	Error item
Other service call	ADI-HDD error: The ADI-HDD has been replaced illegally to SATA-HDD (normal type).

Check item	Measures
Setting	Check if the HDD has been replaced with a SATA-HDD (normal type). 1. Start the equipment in the 4C mode: [4] + [C] + [POWER] 2. Check the type of the HDD shown on the top left of the control panel display "Current HDD type". 2a. In case of "SATA-HDD" (normal type), replace it with the original ADI-HDD or a new ADI-HDD. **Notes:** To replace with the original ADI-HDD, start the equipment in the normal mode and then reinstall system software only if any abnormality occurs. 2b. In case of "ADI-HDD" Check each item in the Measures field for the HDD below. If the error still occurs, reinstall the system software.
HDD	• Connector check • Harness check Follow the procedure below if no abnormality is found in the check items above. 1. Start the equipment in the 4C mode: [4] + [C] + [POWER] -> 1. Revert factory initial status HDD 2. Reinstall the system software.

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[F106_1] ADI-HDD error: HDD type detection error

Classification	Error item
Other service call	ADI-HDD error: HDD type detection fails.

Check item	Measures
Setting	If the error is not recovered after rebooting the equipment or no abnormality is found on any check items for the HDD, reinstall the system software.
HDD	• Connector check • Harness check • Start the equipment in the 5C mode: [5] + [C] + [POWER] Check the file system and recover it if necessary. If the recovery fails, replace the HDD. If the equipment does not start in the 5C mode, also replace the HDD. • Check that either the ADI-HDD or SATA-HDD (normal type) is mounted. 1. Start the equipment in the 4C mode: [4] + [C] + [POWER] 2. Check the type of the HDD shown on the top left of the control panel display "Current HDD type". Normal status: ADI-HDD or SATA-HDD Abnormal status: Unknown HDD If "Unknown HDD" is displayed, reinstall the system software.

[F106_2] ADI-HDD error: ADI encryption key download operation error

Classification	Error item
Other service call	ADI-HDD error: Downloading of or consistency check for ADI-HDD encryption key fails.

Check item	Measures
Setting	Checking of ADI-HDD encryption key status 1. Start the equipment in the 3C mode: [3] + [C] + [POWER] 2. The authentication menu is displayed. Press [OK]. (Not required in the default setting) 3. Select "5. Key Backup Restore" and then press the [START] button. 4. Check the status of the ADI-HDD encryption key on the Key Backup Restore Mode menu. 5. After the operation is completed, shut down the equipment by pressing the [POWER] button. • In case both the SRAM ADIKey and FROM ADIKey status are OK Reinstall the system firmware. • In case either the SRAM ADIKey or FROM ADIKey status is other than OK Restore the ADI-HDD encryption key. • In case both of the SRAM ADIKey or FROM ADIKey status are other than OK Reinstall the system software.

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[F106_3] ADI-HDD error: ADI authentication Admin Password generation error

Classification	Error item
Other service call	ADI-HDD error: The generation of ADI authentication Admin Password fails.

Check item	Measures
Setting	Perform [3]+[C]+[POWER]-> [3.Format HDD], and then install the system software by performing [4]+[9]+[POWER]-> [4.System Software(HD data)]. **Notes:** The following items will be deleted by performing [3]+[C]+[POWER]-> [3.Format HDD]. • Message Log • Job Log • Spool Data (Print, Email reception) • Template

[F106_4] ADI-HDD error: Authentication random number generation error

Classification	Error item
Other service call	ADI-HDD error: The generation of a random number for authentication data fails.

Check item	Measures
Setting	Perform [3]+[C]+[POWER]-> [3.Format HDD], and then install the system software by performing [4]+[9]+[POWER]-> [4.System Software(HD data)]. **Notes:** The following items will be deleted by performing [3]+[C]+[POWER]-> [3.Format HDD]. • Message Log • Job Log • Spool Data (Print, Email reception) • Template

[F106_5] ADI-HDD error: Authentication data transmission error

Classification	Error item
Other service call	ADI-HDD error: The transmission of authentication data fails.

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Check item	Measures
Setting	Perform [3]+[C]+[POWER]-> [3.Format HDD], and then install the system software by performing [4]+[9]+[POWER]-> [4.System Software(HD data)]. **Notes:** The following items will be deleted by performing [3]+[C]+[POWER]-> [3.Format HDD]. • Message Log • Job Log • Spool Data (Print, Email reception) • Template
	• In case this error occurred after returning SRAM data for SRAM cloning: Copy the ADI-HDD encryption key from FROM to SRAM. 1. Start the equipment in the 3C mode: [3] + [C] + [POWER] 2. The authentication menu is displayed. Press [OK]. (Not required in the default setting) 3. Select "5. Key Backup Restore" and then press the [START] button. 4. Select "6. ADIKey FROM to SRAM" and then press the [START] button. 5. After the restoring of the encryption key has completed, "Operation Complete" is displayed. 6. After the operation has completed, shut down the equipment by pressing the [POWER] button.

[F106_6]/[F106_7]/[F106_8]/[F106_10] /[F106_UNDEF] ADI-HDD error: Error caused by reason other than F106_0 to 5 errors

Classification	Error item
Other service call	ADI-HDD error: Error caused by reason other than F106_0 to 5 errors

Check item	Measures
Setting	Perform [3]+[C]+[POWER]-> [3.Format HDD], and then install the system software by performing [4]+[9]+[POWER]-> [4.System Software(HD data)]. **Notes:** The following items will be deleted by performing [3]+[C]+[POWER]-> [3.Format HDD]. • Message Log • Job Log • Spool Data (Print, Email reception) • Template

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[F109_0] Key consistency error (Consistency check operation error)

Classification	Contents
Other service call	Key consistency error - Key consistency check on each key data fails.

Check item	Measures
Setting	Reboot the equipment. If it cannot be recovered, reinstall the software in the following procedure. 1. Install the system firmware. 2. If the error cannot be solved after installing the system firmware, reinstall the system software and application program. 📖 P. 11-21 "11.3.2 Update procedure"([A]Updating firmware)
SRAM board (for SYS board)	If the error is not cleared after the software reinstallation, replace the SRAM board. 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)"
SYS board	If the error is not cleared after this (see above), replace the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board"

Replacement part	Measure
SRAM board	
SYS board	

[F109_1] Key consistency error (SRAM encryption AES key data damage)

Classification	Contents
Other service call	Key consistency error - AES key data used for SRAM encryption are damaged.

Check item	Measures
Setting	Reboot the equipment. If it cannot be recovered, reinstall the software in the following procedure. 1. Install the system firmware. 2. If the error cannot be solved after installing the system firmware, reinstall the system software and application program. 📖 P. 11-21 "11.3.2 Update procedure"([A]Updating firmware)

[F109_2] Key consistency error (Signature Check public key damage)

Classification	Contents
Other service call	Key consistency error - Public key data used for Integrity Check are damaged.

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Check item	Measures
Setting	Reboot the equipment. If it cannot be recovered, reinstall the software in the following procedure. 1. Install the system firmware. 2. If the error cannot be solved after installing the system firmware, reinstall the system software and application program. 📖 P. 11-21 "11.3.2 Update procedure"([A]Updating firmware)

[F109_3] Key consistency error (HDD encryption parameter damage)

Classification	Contents
Other service call	Key consistency error - Parameter used for HDD partition encryption are damaged.

Check item	Measures
Encryption key status confirmation	Check the message displayed by [3] + [C] + [POWER] → 5. Key Backup Restore.

Take measures given in the following table according to the messages displayed in the SRAM Key Status and FROM Key Status fields.

Remarks:

If the error is not cleared, reinstallation of the system firmware, system software and application is needed. ([4]+[9] → Power-ON)

SRAM Key Status	FROM Key Status	Measure
*	AccessFailed	Replace the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" (all steps) <With USB backup data: All key data recovery> 1. Recover all the data on the SRAM board. [5] + [9] + [POWER] → 2. Restore SRAM Data from USB (For details, see "12.1.4Cloning procedure [B]Restore procedure") 2. Recover the encryption key/license on the SYS board. Follow the procedures below noted in "9.2.4Precautions and Procedures when replacing the SYS board". [C] Restore ADI key (only when ADI-HDD is installed) [D] Restore encryption key [E] Restore license
AccessFailed	*	Replace the SYS board. 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" (for the SYS board, all steps)
OK	KeyNull/ KeyBroken	Recover the encryption key on the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" ([D]Restore encryption key)
AccessFailed	OK	Replace the SRAM board (for the SYS board). 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" (all steps)

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SRAM Key Status	FROM Key Status	Measure
KeyNull/ KeyBroken	OK	Recover the encryption key on the SRAM board. 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" (for the SYS board, [H] Backup encryption key)
KeyNull/ KeyBroken	KeyNull/ KeyBroken	<No USB backup data> 1. Reinstall the system software. 📖 P. 11-5 "11.2 Firmware Updating with USB Device" <With USB backup data: All key data recovery> 1. Recover all the data on the SRAM board. [5] + [9] + [POWER] → 2. Restore SRAM Data from USB (For details, see "12.1.4Cloning procedure [B]Restore procedure") 2. Recover the encryption key/license on the SYS board. Follow the procedures below noted in "9.2.4Precautions and Procedures when replacing the SYS board". [C] Restore ADI key (only when ADI-HDD is installed) [D] Restore encryption key [E] Restore license

* AccessFailed, KeyNull or KeyBroken

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[F109_4] Key consistency error (license data damage)

Classification	Contents
Other service call	Key consistency error - The license data are damaged.

Check item	Measures
Encryption key status confirmation	Check the message displayed by [3] + [C] + [POWER] → 5. Key Backup Restore.

Take measures given in the following table according to the messages displayed in the SRAM Licence Status and FROM Licence Status fields.

Remarks:

If the error is not cleared, reinstallation of the system firmware, system software and application is needed. ([4]+[9] → Power-ON)

SRAM Licence Status	FROM Licence Status	Measure
*	AccessFailed	Replace the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" (all steps) <With USB backup data: All key data recovery> 1. Recover all the data on the SRAM board. [5] + [9] + [POWER] → 2. Restore SRAM Data from USB (For details, see "12.1.4Cloning procedure [B]Restore procedure") 2. Recover the encryption key/license on the SYS board. Follow the procedures below noted in "9.2.4Precautions and Procedures when replacing the SYS board". [C] Restore ADI key (only when ADI-HDD is installed) [D] Restore encryption key [E] Restore license

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SRAM Licence Status	FROM Licence Status	Measure
AccessFailed	*	Replace the SYS board. 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" (all steps)
KeyMismatch	KeyMismatch	<The error occurs when the SYS board is replaced> Recover the license on the SYS board. (Transfer the license from SYS-SRAM to SYS-FROM.) 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board"([E]Restore license) <The error occurs except when the SYS board is replaced> Recover the license on the SRAM board. (Transfer the license from SYS-FROM to SYS-SRAM.) 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)"([I]Backup license)

* AccessFailed or KeyMismatch

[F109_5] Key consistency error (encryption key for ADI-HDD is damaged)

Classification	Contents
Other service call	Key consistency error - Encryption key for ADI-HDD is damaged.

Check item	Measures
Encryption key status confirmation	Check the message displayed by [3] + [C] + [POWER] → 5. Key Backup Restore.

Take measures given in the following table according to the messages displayed in the SRAM Key Status and FROM Key Status fields.

Remarks:

If the error is not cleared, reinstallation of the system firmware, system software and application is needed. ([4]+[9] → Power-ON)

SRAM Key Status	FROM Key Status	Measure
*	AccessFailed	Replace the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" (all steps) <With USB backup data: All key data recovery> 1. Recover all the data on the SRAM board. [5] + [9] + [POWER] → 2. Restore SRAM Data from USB (For details, see "12.1.4Cloning procedure [B]Restore procedure") 2. Recover the encryption key/license on the SYS board. Follow the procedures below noted in "9.2.4Precautions and Procedures when replacing the SYS board". [C] Restore ADI key (only when ADI-HDD is installed) [D] Restore encryption key [E] Restore license
AccessFailed	*	Replace the SRAM board (for the SYS board). 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" (all steps)

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SRAM Key Status	FROM Key Status	Measure
OK	KeyNull/ KeyBroken	Recover the ADI key on the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" ([C]Restore ADI key)
KeyNull/ KeyBroken	OK	Recover the encryption key on the SRAM board. 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" ([G]Backup ADI key)
KeyNull/ KeyBroken	KeyNull/ KeyBroken	<No USB backup data> 1. Create the partition in the HDD, and reinstall the system software. 📖 P. 9-17 "9.2.3 Precautions and procedures when replacing the HDD"(Perform step 3 or later in "[E]Replace / Format HDD") <With USB backup data: All key data recovery> 1. Recover all the data on the SRAM board. [5] + [9] + [POWER] → 2. Restore SRAM Data from USB (For details, see "12.1.4Cloning procedure [B]Restore procedure") 2. Recover the encryption key/license on the SYS board. Follow the procedures below noted in "9.2.4Precautions and Procedures when replacing the SYS board". [C] Restore ADI key (only when ADI-HDD is installed) [D] Restore encryption key [E] Restore license
KeyMismatch	KeyMismatch	<The error occurs when the SYS board is replaced> Recover the encryption key on the SYS board. (Transfer the license from SYS-SRAM to SYS-FROM.) 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board"([C]Restore ADI key) <The error occurs except when the SYS board is replaced> Recover the encryption key on the SRAM board. (Transfer the license from SYS-FROM to SYS-SRAM.) 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)"([G]Backup ADI key)

* AccessFailed or KeyMismatch

[F109_6] Key consistency error (administrator password error for ADI-HDD authentication)

Classification	Contents
Other service call	Key consistency error - Administrator password error for ADI-HDD authentication.

Check item	Measures
Encryption key status confirmation	Check the message displayed by [3] + [C] + [POWER] → 5. Key Backup Restore.

Take measures given in the following table according to the messages displayed in the SRAM Key Status and FROM Key Status fields.

Remarks:

If the error is not cleared, reinstallation of the system firmware, system software and application is needed. ([4]+[9] → Power-ON)

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SRAM Key Status	FROM Key Status	Measure
*	AccessFailed	Replace the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" (all steps) <With USB backup data: All key data recovery> 1. Recover all the data on the SRAM board. [5] + [9] + [POWER] → 2. Restore SRAM Data from USB (For details, see "12.1.4Cloning procedure [B]Restore procedure") 2. Recover the encryption key/license on the SYS board. Follow the procedures below noted in "9.2.4Precautions and Procedures when replacing the SYS board". [C] Restore ADI key (only when ADI-HDD is installed) [D] Restore encryption key [E] Restore license
AccessFailed	*	Replace the SRAM board (for the SYS board). 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" (all steps)
OK	KeyNull/ KeyBroken	Recover the ADI key on the SYS board. 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board" ([C]Restore ADI key)
KeyNull/ KeyBroken	OK	Recover the encryption key on the SRAM board. 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)" ([G]Backup ADI key)
KeyNull/ KeyBroken	KeyNull/ KeyBroken	<No USB backup data> 1. Create the partition in the HDD, and reinstall the system software. 📖 P. 9-17 "9.2.3 Precautions and procedures when replacing the HDD"(Perform step 3 or later in “[E]Replace / Format HDD”) <With USB backup data: All key data recovery> 1. Recover all the data on the SRAM board. [5] + [9] + [POWER] → 2. Restore SRAM Data from USB (For details, see "12.1.4Cloning procedure [B]Restore procedure") 2. Recover the encryption key/license on the SYS board. Follow the procedures below noted in "9.2.4Precautions and Procedures when replacing the SYS board". [C] Restore ADI key (only when ADI-HDD is installed) [D] Restore encryption key [E] Restore license
KeyMismatch	KeyMismatch	<The error occurs when the SYS board is replaced> Recover the encryption key on the SYS board. (Transfer the license from SYS-SRAM to SYS-FROM.) 📖 P. 9-22 "9.2.4 Precautions and Procedures when replacing the SYS board"([C]Restore ADI key) <The error occurs except when the SYS board is replaced> Recover the encryption key on the SRAM board. (Transfer the license from SYS-FROM to SYS-SRAM.) 📖 P. 9-26 "9.2.5 Precautions and procedure when replacing the SRAM board (for the SYS board)"([G]Backup ADI key)

* AccessFailed or KeyMismatch

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[F110] Communication error between System-CPU and Scanner-CPU
[F111] Scanner response abnormality

Classification	Error content
Communication related service call	Communication error between System-CPU and Scanner-CPU Scanner response abnormality

Check item	Measure
Reproducibility	Turn the power OFF and then back ON using the main power switch.
SYS board	• Check if the conductor pattern on the SYS board is short circuited or open circuited. • Connector check (CN123) • Harness check (CN123)

Parts to be replaced	Remark
SYS board	

[F120] Database abnormality

Classification	Error item
Other service call	Database abnormality: Database is not operating normally.

Check item	Measures
Setting	1. Check that no jobs remain and rebuild the databases. ([5] + [C] + [POWER] -> 4. Initialize database -> 1. LDAP DB and 2. Log DB (Job,Msg). 2. If the error is not recovered, reinstall the system software. ([4] + [9] + [POWER] -> 4. System Software(HD data)) **Notes:** • If you rebuild the databases with a job remaining, delete it after finishing. • When "Rebuilding all databases" is performed, all data including log/user/role/group/department information and address book data are deleted. If you back up the data in advance, they will be recovered by restoring them after rebuilding the database.

[F121] Database abnormality (user information management database)

Classification	Error item
Other service call	Login after the startup fails in any starting mode because user management database is corrupted.

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Check item	Measures
Setting	1. Delete the log in the following procedure:[5] + [C] + [POWER] → 4. Initialize database → 1. LDAP database (to delete user database) (Note that all user, role, group and accounting data will be deleted.) 2. If the error is not recovered, reinstall the system software. ([4] + [9] + [POWER] -> 4. System Software(HD data)) **Notes:** • If you rebuild the databases with a job remaining, delete it after finishing. • When "Rebuilding all databases" is performed, all data including log/user/role/group/department information and address book data are deleted. If you back up the data in advance, they will be recovered by restoring them after rebuilding the database.

[F122] Database abnormality (message/job log management database)

Classification	Error item
Other service call	Login after the startup fails in any starting mode because log management database is corrupted.

Check item	Measures
Setting	1. Delete the log in the following procedure: [5] + [C] + [POWER] → 4. Initialize database → 2. Log database (jobs and messages) (Note that all job and message logs will be deleted.) 2. If the error is not recovered, reinstall the system software. ([4] + [9] + [POWER] → 4. System Software(HD data)) **Notes:** • If you rebuild the databases with a job remaining, delete it after finishing. • When "Rebuilding all databases" is performed, all data including log/user/role/group/department information and address book data are deleted. If you back up the data in advance, they will be recovered by restoring them after rebuilding the database.

[F124] Language DB damage error

Classification	Error item
Other service call	Login after the startup fails in any starting mode because language management database is corrupted.

Check item	Measures
Setting	Delete the journal file: [5] + [C] + [START] → 4. Initialize DB → 3. Language DB If the recovery is still not completed, reinstall the system software and application program.📖 P. 11-21 "11.3.2 Update procedure"

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[F130] Invalid MAC address

Classification	Contents
Other service call	Invalid MAC address

Check item	Measures
Setting	Compare the serial number of the equipment with a number displayed with 08-9601. If they are different, enter the correct serial number at 08-9601, 08-9083.

[F131] Error due to damage to filtering setting file

Classification	Contents
Other service call	The filtering function is not working properly due to the damage to the file for the filtering setting.

Check item	Measures
Setting	1. Check the bad sector of the HDD (08-9072). If the result is "NG", replace the HDD. **Notes:** It may take more than 30 minutes to finish the checking. 2. Perform [3] + [C] + [POWER] → [3], and then reinstall the HDD software. **Notes:** User data will be deleted when [3] + [C] + [POWER] → [3] is performed.

Parts to be replaced	Remarks
HDD	

[F140] ASIC format error

Classification	Contents
Other service call	ASIC formatting fails or memory acquiring fails when software is formatted

Check item	Measures
SYS board	• Connector check • Board check
Main memory	• Check the installation • Main memory check

Replace parts	Remarks
Main memory	
SYS board	

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[F200] Data Overwrite option (GP-1070) disabled

Classification	Contents
Other service call	Data Overwrite option (GP-1070) disabled

Check item	Measures
Setting	Perform firmware installation (all firmware: OS, HDD, SYS, Engine Main Firmware, and Scanner Firmware) with the USB device. * When the function of the Data Overwrite option (GP-1070) is deleted from the equipment, the service call "F200" occurs.
	Perform 08-3840 to install the Data Overwrite Enabler (GP-1070). * If F200 occurs while High ("3") is set for the security level (08-8911), it cannot be released by installing the firmware using the USB device. Install the Data Overwrite Enabler (GP-1070) by 08-3840.

[F400] SYS cooling fan abnormality

Classification	Contents
Circuit related service call	SYS cooling fan abnormality

Check item	Measures
SYS cooling fan	Check if the fan is rotating properly. If not, check if any foreign object is adhered.
SYS board	Check the connector (CN103) and relay connector.

Replacement part	Measure
SYS board	
SYS cooling fan	

[F500] HD partition damage

Classification	Error item
Other service call	The file system is abnormal.

Check item	Measures
Setting	• Diagnose the file system with [5] + [C] + [POWER] → 1. • Check F/S, and then recover the problem partition with [5] + [C] + [POWER] → 2. Recovery F/S. • If it is not recovered, reinstall the software after the HDD format.

Replace parts	Remarks

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[F510] Application start error

Classification	Error item
Other service call	The application fails to start.

Check item	Measures
Setting	1. Reboot. 2. If it has still not recovered, reinstall the system software. 3. If it still persists after step 2, perform [3] + [C] + [POWER] → 3, and then reinstall the system software. **Notes:** User data will be deleted when [3] + [C] + [POWER] → 3 is performed.

[F520] Operating system start error

Classification	Error item
Other service call	The operating system fails to start.

Check item	Measures
Setting	1. Reboot. 2. If it has still not recovered, reinstall the system software. 3. If it still persists after step 2, perform [3] + [C] + [POWER] → 3, and then reinstall the system software. **Notes:** User data will be deleted when [3] + [C] + [POWER] → 3 is performed.

[F521] Integrity check error

Classification	Error item
Other service call	The program data fails to be authenticated.

Check item	Measures
Setting	Restart the equipment. If the error is not recovered after restarting the equipment, reinstall software following the procedure below. 1. Reinstall the system software and application program. 📖 P. 9-17 "9.2.3 Precautions and procedures when replacing the HDD"

[F550] Encryption partition error

Classification	Error item
Other service call	The encryption partition fails to be read and written.

Check item	Measures
Setting	• Recover the encryption key with [3] + [C] + [POWER] → 5.

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[F600] F/W update error

Classification	Error item
Other service call	The firmware fails to be updated.

Check item	Measures
Setting	1. Perform [3] + [C] + [POWER] → [1] → [START] for "Clear Error Flag in Software Installation". 2. Reinstall the firmware in error displayed on the F600 error screen.

[F700] Overwrite error

Classification	Error item
Other service call	Overwriting fails.

Check item	Measures
Setting	• If a service call occurs again after the reboot, replace the HDD.

[F800] Date error

Classification	Error item
Other service call	The year 2038 problem

Check item	Measures
Setting	Reset the date, and request the administrator to set the date and time. 1. Turn the power on while pressing the [6] and [CLEAR] button. 2. Select [2] key, and then press the [START] button. 3. Press the [START] button on the confirmation screen displayed. (The date is set to January 1st, 2011.) 4. Request the administrator to set the date and time.

[F900] Model information error

Classification	Error item
Other service call	Machine information alignment error. The machine information is damaged.

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Check item	Measures
Setting	Recover the machine information by means of the following procedure. <Machine information recovery> 1. Turn the power ON while pressing [6] and the [CLEAR] button simultaneously. 2. Key in [3] to select "3. SRAM Re-Initialize Support", and then press the [START] button. 3. After the operation is completed, shut down the equipment by pressing the [ON/OFF] button. * If it is not recovered, perform the following procedure. 4. Turn the power ON while pressing [3] and the [CLEAR] button simultaneously. 5. Enter the password on the Authentication screen. If no password is set for Service, press the [OK] button without entering anything. If the High Security Mode has been set, enter "#1048#". 6. Key in [5] to select "5. Key Backup Restore", and then press the [START] button. 7. Key in [2] to select "2. Key FROM to SRAM", and then press the [START] button. 8. After the operation is completed, shut down the equipment by pressing the [ON/OFF] button.

[F902_1] System firmware / System software model information error

Classification	Error item
Other service call	Invalid system firmware/software is installed.

Check item	Measures
Setting	1. Confirm the model of the equipment. 2. Install the HDD. 3. Install the system firmware corresponding to the model. ([8]+[9] mode) 📖 P. 11-30 "11.4.2 System firmware" 4. Install the system software corresponding to the model. ([4]+[9] mode → [4]) 📖 P. 11-8 "11.2.2 Update procedure"

Parts to be replaced	Remark
LGC board	

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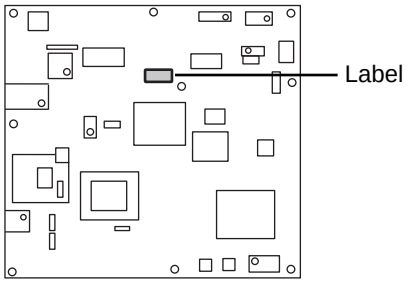
[F902_4] SYS board model information error

Classification	Error item
Other service call	Invalid SYS board is installed to the equipment.

Check item	Measures
SYS board	Check if the model of the equipment matches the color of the label on the SYS board. <Color of label> • 25/30/35ppm: Yellow or pink • 45/50ppm: Blue or brown  **Fig.8-1**
Setting	1. Install the system firmware. 2. If the error cannot be solved after installing the system firmware, reinstall the system software and application program. P. 11-21 "11.3.2 Update procedure"([A]Updating firmware)

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8.3.25 Error in Internet FAX / Scanning Function

Notes:

- When formatting the HDD ([5] + [C] + [POWER] ON -> [3] -> [1]), all data in the shared folder, Electronic Filing, Address Book, template, etc. are erased. Back up these data before the initialization. Note that some of data cannot be backed up
  📖 P. 9-17 "9.2.3 Precautions and procedures when replacing the HDD"

[1] Internet FAX related error

[1C10] System access abnormality

[1C32] File deletion failure

Turn the power OFF and then back ON. Perform the job in error again.
If the error still occurs, first, check if there are no jobs existing and then perform the HDD formatting ([5] + [C] + [POWER] ON -> [3] -> [1]).

[1C11] Insufficient memory

When there are running jobs, perform the job in error again after the completion of the running jobs.
If the error still occurs, turn the power OFF and then back ON, and perform the job again.

[1C12] Message reception error

[1C13] Message transmission error

Turn the power OFF and then back ON. Perform the job in error again.

[1C14] Invalid parameter

When a template is used, form the template again.
If the error still occurs, turn the power OFF and then back ON, and perform the job again.

[1C15] Exceeding file capacity

Reset and extend the “Maximum send to E-mail/iFAX size” or reduce the number of pages and perform the job again.

[1C30] Directory creation failure

[1C31] File creation failure

[1C33] File access failure

Check if the access privilege to the storage directory is writable.
Check if the server or local disk has a sufficient space in disk capacity.

[1C40] Image conversion abnormality

Turn the power OFF and then back ON. Perform the job in error again.
Replace the main memory and perform the job again.

[1C60] HDD full failure during processing

Delete the job in progress or being set or in the HOLD/PRIVATE/PROOF/INVALID, and perform it again.
Check if the server or local disk has a sufficient space in disk capacity.

[1C61] Address Book reading failure

Turn the power OFF and then back ON. Perform the job in error again.
Reset the data in the Address Book and perform the job again.

[1C63] Terminal IP address unset

Reset the Terminal IP address.
Turn the power OFF and then back ON. Perform the job in error again.

[1C64] Terminal mail address unset

Reset the Terminal mail address.
Turn the power OFF and then back ON. Perform the job in error again.

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[1C65] SMTP address unset

Reset the SMTP address and perform the job.
Turn the power OFF and then back ON. Perform the job in error again.

[1C66] Server time-out error

Check if the SMTP server is operating properly.

[1C69] SMTP server connection error

Reset the login name or password of SMTP server and perform the job again.
Check if the SMTP server is operating properly.

[1C6B] Terminal mail address error

Check the SMTP Authentication method.
Check if there is an illegal character in the Terminal mail address.
Set the correct SMTP Authentication method or delete the illegal character and reset the appropriate Terminal mail address, then perform the job again.

[1C6C] Destination mail address error

Check if there is an illegal character in the Destination mail address.
Delete the illegal character and reset the appropriate Destination mail address, then perform the job again.

[1C6D] System error

Turn the power OFF and then back ON. Perform the job in error again.
If the error still occurs, replace the SYS board.

[1C70] SMTP client OFF

Set the SMTP valid and perform the job again.

[1C71] SMTP authentication error

Check that SMTP authentication method, login name and password are correct, then perform authentication again.

[1C72] POP Before SMTP error

Check that both the POP Before SMTP setting and POP3 setting are correct, then perform authentication again.

[1CC1] Power failure

Check if the power cable is connected properly and it is inserted securely.
Check if the power voltage is unstable.

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[2] RFC related error

[2500] HOST NAME error (RFC: 500) / Destination mail address error (RFC: 500) / Terminal mail address error (RFC: 500)

[2501] HOST NAME error (RFC: 501) / Destination mail address error (RFC: 501) / Terminal mail address error (RFC: 501)

Check if the Terminal mail address and Destination mail address are correct.
Check if the mail server is operating properly.
Turn the power OFF and then back ON. Perform the job in error again.

[2503] Destination mail address error (RFC: 503)

[2504] HOST NAME error (RFC: 504)

[2551] Destination mail address error (RFC: 551)

Check if the mail server is operating properly.
Turn the power OFF and then back ON. Perform the job in error again.
If the error still occurs, replace the SYS board.

[2550] Destination mail address error (RFC: 550)

Check the state of the mail box in the mail server.

[2552] Terminal/Destination mail address error (RFC: 552)

Confirm the size on the mail server.
Transmit again in text mode or with lower resolution or divide the document and transmit again.
If the error still occurs, turn the power OFF and then back ON. Perform the job in error again.

[2553] Destination mail address error (RFC: 553)

Check if there is an illegal character in the mail box in the mail server.

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[3] Electronic Filing related error

[2B11] JOB status abnormality
[2B20] File library function error
[2B30] Insufficient disk space in BOX partition
[2BC0] Fatal failure occurred

Erase some data in the Electronic Filing or the shared folder and perform the job in error again (in case of [2B30]).
Ask the administrator if e-Filing has been disabled. (In case of [2CC1])
Turn the power OFF and then back ON. Perform the job in error again.
Check if there are no other running jobs and perform the HDD formatting ([5] + [C] + [POWER] ON -> [3] -> [1]).
If the recovery is still not completed, replace the SYS board.

[2B31] Status of specified Electronic Filing or folder is undefined or being created/deleted

Check if the specified Electronic Filing or folder exists.
Delete the specified Electronic Filing or folder.
Change the name of folder to be created.
Perform the job in error again.

[2B50] Image library error
[2B90] Insufficient memory capacity

Turn the power OFF and then back ON. Perform the job in error again.
If the error still occurs, replace the main memory.
Delete the job in progress or being set or in the HOLD/PRIVATE/PROOF/INVALID, and retry the job in error.

[2B51] List library error

Check if the Function list can be printed.
If it can be printed, retry the job in error.
If it cannot, replace the main memory.
If it still cannot be printed, initialize the HDD ([5] + [C] + [POWER] ON -> [3] -> [1])

[2BA0] Invalid Box password

Check if the password is correct.
Reset the password.
When this error occurs when printing the data in the Electronic Filing, perform the printing with the administrator's password.

[2BA1]Invalid paper size/color mode/resolution.

The specified paper size, color more or resolution cannot be used. Check the setting.

[2BB1] Power failure
[2BD0] Power failure occurred during restoring of Electronic Filing

Check if the power cable is connected properly and it is inserted securely.
Check if the power voltage is unstable.

[2BE0] Machine parameter reading error

Turn the power OFF and then back ON. Perform the job in error again.

[2BF0] Exceeding maximum number of pages

Reduce the number of the pages of the job in error, and retry the job.

[2BF1] Exceeding maximum number of documents

Backup the documents in the box or folder to PC or delete them.

[2BF2] Exceeding maximum number of folders

Backup the folders in the box or folder to PC or delete them.

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[4] Remote scanning related error

[2A20] System management module resource acquiring failure

Retry the job in error.
If the error still occurs, turn the power OFF and then back ON, then retry the job in error.

[2A31] Disabled WS Scan

Check if the WS Scan function is disabled.
Or, check if the forcible encryption setting of the secure PDF is enabled.

[2A40] System error

Turn the power OFF and then back ON, then retry the job in error.

[2A51] Power failure

Check if the power cable is properly connected.
Check if the power supply voltage is inconstant.

[2A60] WS Scan user authentication failure

- When “1” (TTEC’s WIA driver) is set for 08-9749 and also Windows Fax&Scan is used Check if the user name that you used to log in Windows is a name registered as a user.
- When MFP panel or EWB Scan is used Check if the login user name is a name registered as a user.

[2A70] Remote Scan privilege check error

Check if correct privilege is given to the user.

[2A71] WS Scan privilege check error

Check if correct privilege is given to the user.

[2A72] e-Filing data access privilege check error (Scan Utility)

Check if correct privilege is given to the user.

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[5] E-mail related error

[2C10] System access abnormality
[2C32] File deletion failure

Turn the power OFF and then back ON. Perform the job in error again.
If the error still occurs, first, check if there are no jobs existing and then perform the HDD formatting ([5] + [C] + [POWER] ON -> [3] -> [1]).

[2C11] Insufficient memory

When there are running jobs, perform the job in error again after the completion of the running jobs.
If the error still occurs, turn the power OFF and then back ON, and perform the job again.

[2C12] Message reception error
[2C13] Message transmission error

Turn the power OFF and then back ON. Perform the job in error again.

[2C14] Invalid parameter

When a template is used, form the template again.
If the error still occurs, turn the power OFF and then back ON, and perform the job again.

[2C15] Exceeding file capacity

Reset and extend the “Maximum send to E-mail/iFAX size” or reduce the number of pages and perform the job again.

[2C20] System management module access abnormality
[2C21] Job control module access abnormality
[2C22] Job control module access abnormality

Turn the power OFF and then back ON. Perform the job in error again.
Check if there are no other running jobs and perform the HDD formatting ([5] + [C] + [POWER] ON -> [3] -> [1]).
If the recovery is still not completed, replace the SYS board.

[2C30] Directory creation failure
[2C31] File creation failure
[2C33] File access failure

Check if the access privilege to the storage directory is writable.
Check if the server or local disk has a sufficient space in disk capacity.

[2C40] Image conversion abnormality
[2C62] Memory acquiring failure

Turn the power OFF and then back ON. Perform the job in error again.
Replace the main memory and perform the job again.

[2C43] Encryption error

Turn the power OFF and then back ON. Perform the job in error again.

[2C44] Encryption PDF enforced mode error

Reset the encryption and perform the job in error again.
If an image file not encrypted is created, consult your administrators.

[2C45] Meta data creation error (Scan to Email)

Check the template settings. Perform the job in error again. If the error still occurs, turn the power OFF and then back ON, and then perform the job in error again.

[2C60] HDD full failure during processing

Delete the job in progress or being set or in the HOLD/PRIVATE/PROOF/INVALID, and perform it again.
Check if the server or local disk has a sufficient space in disk capacity.
Check that there is enough space in the server or local disk.

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[2C61] Address Book reading failure

Turn the power OFF and then back ON. Perform the job in error again.
Reset the data in the Address Book and perform the job again.

[2C63] Terminal IP address unset

Reset the Terminal IP address.
Turn the power OFF and then back ON. Perform the job in error again.

[2C64] Terminal mail address unset

Reset the Terminal mail address.
Turn the power OFF and then back ON. Perform the job in error again.

[2C65] SMTP address unset

Reset the SMTP address and perform the job.
Turn the power OFF and then back ON. Perform the job in error again.

[2C66] Server time-out error

Check if the SMTP server is operating properly.

[2C69] SMTP server connection error

Reset the login name and password of SMTP server and perform the job again.
Check if the SMTP server is operating properly.

[2C6A] HOST NAME error (No RFC error)

Check if there is an illegal character in the device name.
Delete the illegal character and reset the appropriate device name.

[2C6B] Terminal mail address error

Check the SMTP Authentication method.
Check if there is an illegal character in the Terminal mail address.
Set the correct SMTP Authentication method or delete the illegal character and reset the appropriate Terminal mail address, then perform the job again.

[2C6C] Destination mail address error (No RFC error)

Check if there is an illegal character in the Destination mail address.
Delete the illegal character and reset the appropriate Destination mail address, then perform the job again.

[2C70] SMTP client OFF

Set the SMTP valid and perform the job again.

[2C71] SMTP authentication error

Check that SMTP authentication method, login name and password are correct, then perform authentication again.

[2C72] POP Before SMTP error

Check that both the POP Before SMTP setting and POP3 setting are correct, then perform authentication again.

[2CC1] Power failure

Check if the power cable is connected properly and it is inserted securely.
Check if the power voltage is unstable.

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[6] File sharing related error

[2D10] System access abnormality

[2D32] File deletion failure

[2DA6] File deletion failure

[2DA7] Resource acquiring failure

Delete some files in the shared folder by using Explorer because of automatic/manual file deletion failure (in case of [2DA6])

Turn the power OFF and then back ON. Perform the job in error again.

If the error still occurs, first, check if there are no jobs existing and then perform the HDD formatting ([5] + [C] + [POWER] ON -> [3] -> [1]).

[2D11] Insufficient memory

When there are running jobs, perform the job in error again after the completion of the running jobs.

If the error still occurs, turn the power OFF and then back ON, and perform the job again.

[2D12] Message reception error

[2D13] Message transmission error

Turn the power OFF and then back ON. Perform the job in error again.

[2D14] Invalid parameter

When a template is used, form the template again.

If the error still occurs, turn the power OFF and then back ON, and perform the job again.

[2D15] Exceeding the maximum size for file sharing

Divide the file in error into several files and retry. Or retry the job in a single-page format.

[2D30] Directory creation failure

[2D31] File creation failure

[2D33] File access failure

Check if the access privilege to the storage directory is writable.

Check if the server or local disk has a sufficient space in disk capacity.

[2D40] Image conversion abnormality

Turn the power OFF and then back ON. Perform the job in error again.

Replace the main memory and perform the job again.

[2D43] Encryption error

Turn the power OFF and then back ON. Perform the job in error again.

[2D44] Encryption PDF enforced mode error

Reset the encryption and perform the job in error again.

If an image file not encrypted is created, consult your administrators.

[2D45] Meta data creation error (Scan to File)

Check the template settings. Perform the job in error again. If the error still occurs, turn the power OFF and then back ON, and then perform the job in error again.

[2D62] File server connection error

Check the IP address or path of the server.

Check if the server is operating properly.

[2D63] Invalid network path

Check the network path.

If the path is correct, turn the power OFF and then back ON, and perform the job again.

[2D64] Login failure

Reset the login name and password. Perform the job.

Check if the account of the server is properly set up.

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[2D65] Exceeding documents in folder: Creating new document is failed

Delete some documents in the folder.

[2D66] Storage capacity full failure during processing

Delete the job in progress or being set or in the HOLD/PRIVATE/PROOF/INVALID, and perform it again.

Check if the server or local disk has a sufficient space in disk capacity.

Check that there is enough space in the server or local disk.

[2D67] FTP service not available

Check if the setting of FTP service is valid.

[2D68] File sharing service not available

Check if the setting of SMB is valid.

[2D69] NetWare service not available

Check if the Netware setting is enabled.

[2DC1] Power failure

Check if the power cable is connected properly and it is inserted securely.

Check if the power voltage is unstable.

[2E10] USB storage system access abnormality

Turn the power OFF and then back ON. Perform the job in error again. If the error still occurs, first, check if there are no jobs existing and then perform HDD formatting ([5] + [C] + [POWER] ON -> [3] -> [1]).

[2E11] Insufficient memory capacity for USB storage

If there is a job in progress, perform the job in error again after the job in progress is finished. If the error still occurs, turn the power OFF and then back ON, and then perform the job in error again.

[2E12] Message reception error in USB storage

[2E13] Message transmission error in USB storage

Turn the power OFF and then back ON. Perform the job in error again.

[2E14] Invalid parameter for USB storage

If a template is being used, recreate the template. If the error still occurs, turn the power OFF and then back ON. Perform the job in error again.

[2E15] Exceeding maximum file capacity

Delete some files in the folder. Perform the job in error again.

[2E30] Directory creation failure in USB storage

Check if access privilege to the storage directory is writable. Check if the server or local disk has sufficient space in its disk capacity.

[2E31] File creation failure in USB storage

Check if access privilege to the storage directory is writable. Check if the server or local disk has sufficient space in its disk capacity.

[2E32] File deletion failure in USB storage

Turn the power OFF and then back ON. Perform the job in error again. If the error still occurs, first, check if there are no jobs existing and then perform HDD formatting ([5] + [C] + [POWER] ON -> [3] -> [1]).

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[2E33] File access failure in USB storage

Check if access privilege to the storage directory is writable. Check if the server or local disk has sufficient space in its disk capacity.

[2E40] Image conversion abnormality in USB storage

Turn the power OFF and then back ON. Perform the job in error again. Replace the main memory and then perform the job in error again.

[2E43] Encryption failure in USB storage

Turn the power OFF and then back ON. Perform the job in error again.

[2E44] Encryption PDF enforced mode error in USB storage

Reset the encryption and perform the job in error again. To create an image file not encrypted, consult your administrator.

[2E45] Meta data creation error in USB storage (Scan to File)

Check the template settings. Perform the job in error again. If the error still occurs, turn the power OFF and then back ON, and then perform the job in error again.

[2E65] File creation error due to insufficient USB folder capacity

Delete unnecessary files in the folder.

[2E66] HDD full failure in USB storage

Delete the job in progress or being set or in the HOLD/PRIVATE/PROOF/INVALID, and perform it again.

Check if the server or local disk has a sufficient space in disk capacity.

Check that there is enough space in the USB memory.

[2EC1] Power failure in USB storage

Check if the power cable is connected properly and inserted securely. Check if the power voltage is unstable.

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[7] E-mail reception related error

[3A10] E-mail MIME error

The format of the mail is not corresponding to MIME 1.0.
Request the sender to retransmit the mail in the format corresponding to MIME 1.0.

[3A20] E-mail analysis error

[3B10] E-mail format error

[3B40] E-mail decode error

These errors occur when the mail data is damaged from the transmission to the reception of the mail.
Request the sender to retransmit the mail.

[3A30] Partial mail time-out error

The partial mail is not received in a specified period of time.
Request the sender to retransmit the partial mail, or set the time-out period of the partial mail longer.

[3A40] Partial mail related error

The format of the partial mail is not corresponding to this equipment.
Request the sender to remake and retransmit the partial mail in RFC2046 format.

[3A50] Insufficient HDD capacity error

These errors occur when the HDD capacity is not sufficient for a temporary concentration of the jobs, etc.
Request the sender to retransmit after a certain period of time, or divide the mail into more than one.
Insufficient HDD capacity error also occurs when printing is disabled for no printing paper.
In this case, supply the printing paper.

[3A70] Warning of partial mail interruption

This error occurs when the partial mail reception setting becomes OFF during the partial mail reception.
Reset the partial mail reception setting ON and then request the sender to retransmit the mail.

[3A80] Partial mail reception setting OFF

Reset the partial mail reception setting ON and then request the sender to retransmit the mail.

[3B20] Content-Type error

The format of the attached file is not supported by this equipment (TIFF-FX).
Request the sender to retransmit the file in TIFF-FX.

[3C10] [3C13] TIFF analysis error

These errors occur when the mail data is damaged from the transmission to the reception of the mail, or when the format of the attached file is not supported by this equipment (TIFF-FX).
Request the sender to retransmit the mail.

[3C20] TIFF compression error

The compression method of the TIFF file is not acceptable for this equipment. (Acceptable: MH/MR/MMR/JBIG)
Request the sender to retransmit the file in the acceptable compression method.

[3C30] TIFF resolution error

The resolution of the TIFF file is not acceptable for this equipment. (Acceptable: 200 x 100, 200 x 200, 200 x 400, 400 x 400, 300 x 300 or equivalent)
Request the sender to retransmit the file in the acceptable resolution.

[3C40] TIFF paper size error

The paper size of the TIFF file is not acceptable for this equipment. (Acceptable: A4, B4, A3, B5, LT, LG, LD or ST)
Request the sender to retransmit the file in the acceptable paper size.

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[3C50] Offramp destination error

These errors occur when the FAX number of the offramp destination is incorrect.
Request the sender to correct the FAX number of offramp destination and then retransmit the mail.

[3C60] Offramp security error

These errors occur when the FAX number of the offramp destination is not on the Address Book.
Check if the FAX number of the offramp destination is correctly entered or the number has not been changed.

[3C70] Power failure error

Check if the mail is recovered after turning ON the power again.
Request the sender to retransmit the mail if it is not recovered.

[3C90] OffRamp Fax transmission disable error

OffRamp Fax transmission disable error has been detected in the received mail.
Confirm if the Fax Send Function of MFP setting is disable or not.

[3D10] Destination address error

Check if the setting of the server or DNS is correct. Correct if any of the setting is incorrect.
When the content of the setting is correct, confirm the sender if the destination is correct.

[3D20] Offramp destination limitation error

Inform the sender that the transfer of the FAX data over 40 is not supported.

[3D30] FAX board error

This error occurs when the FAX board is not installed or the FAX board has an abnormality.
Check if the FAX board is correctly connected.

[3E10] POP3 server connection error

Check if the IP address or domain name of the POP3 server set for this equipment is correct, or check if POP3 server to be connected is operating properly.

[3E20] POP3 server connection time-out error

Check if POP3 server to be connected is operating properly.
Check if the LAN cable is correctly connected.

[3E30] POP3 login error

Check if the POP3 server login name and password set for this equipment are correct.

[3E40] POP3 Login Type error

Check that the login type (Auto, POP3 or APOP) to the POP3 server is correct.

[3F10] [3F20] File I/O error

These errors occur when the mail data is not transferred properly to the HDD.
Request the sender to retransmit the mail.
Replace the HDD if the error still occurs after retransmission.

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8.3.26 Printer function error

[4011] Print job cancellation

This message appears when deleting the job on the screen.

[4021] Print job power failure

When there are running jobs, perform the job in error again after the completion of the running jobs. If the error still occurs, turn the power OFF and then back ON, and perform the job again.

[4031] HDD full error

Delete unnecessary private print jobs and invalid department print jobs.

[4041] User authentication error

Perform the authentication or register as a user, and then perform the printing again.

[4042] Department authentication error

Check department information registered in this equipment.

[4045] Problem in LDAP server connection or LDAP server authorization settings

Confirm the administrator for the LDAP server connection or LDAP server authorization settings.

[4111] Quota over error (The number of the assigned pages set by department and user management has reached 0.)

The number of the assigned pages set by the department and the number of those assigned by user management have both reached 0. Assign the number of the pages again or perform initialization.

[4112] Quota over error (The number of the assigned pages set by user management has reached 0.)

The number of the assigned pages set by the user management has reached 0. Assign the number of the pages again or perform initialization.

[4113] Quota over error (The number of the assigned pages set by department management has reached 0.)

The number of the assigned pages set by the department management has reached 0. Assign the number of the pages again or perform initialization.

[4121] Job canceling due to external counter error

1. Drop a coin in. Perform the print job in error again.
2. Insert a key card and then perform the print job in error again, or consult your administrator.
3. Insert a key copy counter and then perform the print job in error again.
4. Reset the scheduled print job and then perform the print job in error again.

[4211] Printing data storing limitation error

Select “Normal Print”, and then perform the printing again.

[4212] e-Filing storing limitation error

Select “Normal Print”, and then perform the printing again.

[4213] File storing limitation error

The file storing function is set to "disabled". Check the settings of the equipment.

[4214] Fax/Internet Fax transmission limitation error

Check the settings of this equipment.

[4221] Private-print-only error

Select “Private print”, and then perform the printing again.

[4231] Hardcopy security printing error

Hardcopy security printing cannot be performed because the function is restricted in the self-diagnosis mode.

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[4311] Printing not permitted

Confirm the administrator for the JOB authorization.

[4312] Not authorized to store a file

The user has not been authorized to perform this operation. Ask your administrator.

[4313] No privilege for e-Filing storage
[4314] No privilege for Fax / Internet Fax transmission
[4321] No privilege for print settings

Check the privilege given, or request the administrator to add the necessary privilege.

[4411] Image data creation failure

Check if the file to be printed is broken. Perform printing again or use another printer driver.

- Network print: Perform the print job in error again, or use another printer driver (e.g.; PS3, Universal).
- Direct print: Check if the file is corrupted (e.g. checking if the file is displayed on your PC monitor), or check if the file format is supported by this equipment.

[4412] Double-sign encoding error

Printing using this function cannot be performed due to a decoding process error which occurs because the PDF file is encrypted incorrectly or encrypted in a language not supported.

[4611] Font download failure (reached the registration limit)
[4612] Font download failure (HDD full)

Delete one or more font already registered.

[4613] Font download failure (others)

Reattempt the downloading. Recreate font data and reattempt the downloading.

[4621] Font deletion failure

Check if the font to be deleted is registered (or pre-registered) in this equipment.

[4F10] System abnormality

(1) Perform the job in error again. If the error still occurs, turn the power OFF and then back ON, and perform the job again.
(2) Collect the debug log with USB device.
📖 P. 8-2 "8.1.2 Collection of debug logs with a USB device"
(3) Initialize HDD.
Refer to step 3 and later in “[E]Replace / Format HDD” in “9.2.3Precautions and procedures when replacing the HDD”.

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8.3.27 TopAccess related error/Communication error with external application

[5010] Internal setting error

Classification	Error item
Communication error with external application	There is a print job, a proof print job, a private print job, a print job without a set department code, a scan job or a fax job remaining in this equipment.

Check item	Measures
Setting	Delete the remaining jobs. Turn the power OFF and then back ON. Until the initial registration is begun, do not press any button on the control panel or start any print or fax job.

[5012] Authentication error

Classification	Error item
Communication error with external application	A temporary password downloaded from e-Bridge and entered in this equipment is not valid, or the permanent password set in the e-Bridge is not valid.

Check item	Measures
Setting	Confirm the user name and tentative password.

[5013] e-Bridge communication error

Classification	Error item
Communication error with external application	Communication is attempted while the e-Bridge is enabled for some reason such as version upgrade.

Check item	Measures
Setting	Check if the MFP is connected to the eBR2 server.

[5014] No SSL certificate

Classification	Error item
Communication error with external application	There is no SSL certificate or the certificate is not in a correct file format.

Check item	Measures
Setting	Install the correct SSL certificate.

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[5015] Invalid SSL certificate

Classification	Error item
Communication error with external application	SSL certificate is not valid.

Check item	Measures
Setting	Install the correct SSL certificate.

[5016] Expired SSL certificate

Classification	Error item
Communication error with external application	SSL certificate is expired.

Check item	Measures
Setting	Set the correct time.

[5017] Other SSL certificate related error

Classification	Error item
Communication error with external application	SSL certificate is invalid.

Check item	Measures
Setting	Install the correct SSL certificate.

[5018] Invalid DNS error

Classification	Error item
Communication error with external application	DNS address is invalid.

Check item	Measures
Setting	Set the correct DNS address. If any setting is needed in DNS, consult your administrators.

[5019] Connection error

Classification	Error item
Communication error with external application	Settings for initial URL and proxy are incorrect.

Check item	Measures
Setting	Perform the correct settings for initial URL and proxy.

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[501A] Proxy error

Classification	Error item
Communication error with external application	IP address or port for proxy setting is invalid.

Check item	Measures
Setting	Set the correct IP address or port for the proxy setting. If any setting is needed in proxy, consult your administrators.

[501B] No URL (host/port) or invalid path

Classification	Error item
Communication error with external application	Initial URL is invalid.

Check item	Measures
Setting	Set the correct initial URL.

[5030] HTTP communication error

Classification	Error item
Communication error with external application	An error in the HTTP communication

Check item	Measures
Setting	Check the URL for communication. Check that the valid IP address is assigned to connect to the server.

[50FF] eBR2 internal error

Classification	Error item
MFP internal error	A fatal error occurred in the MFP

Check item	Measures
Setting	Restart the MFP, and then try again.

[5110] Toner cartridge detection error

Classification	Error item
TopAccess related error	

Check item	Measures
Setting	• Check if the toner cartridge is installed properly. • Check if the toner cartridge detection sensor operates properly.

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[5212] Time for cleaning of the slit glass and main charger

Classification	Error item
TopAccess related error	

Check item	Measures
Setting	• Clean the LED head and main charger. • If the message is not cleared after the cleaning, check if there is any detection error, breakage or poor connection of the needle electrode cleaner detection sensor.

[5BD0] Power failure during restoration

Classification	Error item
TopAccess related error	

Check item	Measures
Setting	• Check if the power cable is connected properly and is inserted securely. • Check if the power voltage is unstable. • Reattempt the restoration of the database (Address Book, templates, F-code (Mailbox) or user information).

[5C10] FAX Unit attachment error

Classification	Error item
TopAccess related error	

Check item	Measures
Setting	• Check if the FAX Unit is attached. • Check if there is any damage or abnormality on the FAX board. • Check if the connector on the FAX board is connected properly.

[5C11] Network FAX transmission error

Classification	Error item
TopAccess related error	

Check item	Measures
Setting	The address specified for the network FAX is not registered on the Address Book. Register it.

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8.3.28 MFP access error

[6007] Unsuccessful User Login to MFP

Classification	Error item
MFP access error	User authentication cannot be done because connection to the authentication server has failed.

Check item	Measures
Setting	Check if the operating status of the server and connection from an MFP have been confirmed.

[6008] Failed to connect on External Role Base Access Control (LDAP) Server

Classification	Error item
MFP access error	User authentication cannot be done because connection to an external RBAC server has failed.

Check item	Measures
Setting	Check if the operating status of the server and connection from the MFP have been confirmed.

[6013] Connection failure to the authentication server

Classification	Error item
MFP access error	Failed to connect to the authentication server

Check item	Measures
Setting	Check that the server setting is proper by accessing [TopAccess] -> [Administration] -> [Maintenance] -> [Directory Service]. When "Auto" is selected as the authentication method, this error may output to the log depending on the environment.

[6032] Card related error: Expired card

Classification	Error item
MFP access error	The card cannot be used because it has expired.

Check item	Measures
Setting	Use a card with a valid expiration.

[6033] Card related error: Invalid flag data (no room-entry data)

Classification	Error item
MFP access error	The card cannot be used because no room-entry data are recorded in it.

Check item	Measures
Setting	Use a correct card that has been used for entering the room.

[6034] Card related error: Invalid flag data (invalid card data)

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Classification	Error item
MFP access error	The card cannot be used because the data required for the use of the card are not correctly set.

Check item	Measures
Setting	Use a valid card.

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[6041] Card authentication: Card related error

Classification	Error item
MFP access error	Card data cannot be obtained correctly.

Check item	Measures
Setting	Reattempt scanning. If the error still occurs after reattempting scanning for several times, card data may be corrupted or the card reader may be out of order.

[6042] Card authentication: Card setting error

Classification	Error item
MFP access error	The self-diagnostic code required for card authentication is not set in this equipment correctly.

Check item	Measures
Setting	Set the correct self-diagnostic code.

[6052] User authentication for print job failed because connection to an external RBAC server has failed.

Classification	Error item
MFP access error	User authentication for print job cannot be done because connection to an external RBAC server has failed.

Check item	Measures
Setting	Check if the operating status of the server and connection from the MFP have been confirmed.

[6121] Automatic Secure Erase failure

Classification	Error item
MFP access error	The automatic secure erase fails.

Check item	Measures
Setting	Data overwriting failed for some reason. If the error still occurs after rebooting the equipment, start up using the following procedure:[3] + [C] + [POWER] → 3. HDD formatting → Reinstallation of software or HDD replacement

[6131] MFP fail to verify clock with Time Server

Classification	Error item
MFP access error	The MFP is not synchronized with the SNTP server.

Check item	Measures
Setting	• Check that the SNTP server is operating correctly. • Check that the path to the SNTP server is operating correctly. • Check that the settings are correct in TopAccess -> [Administrator] -> [Setup] -> [General] -> [SNTP Service].

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8.3.29 Maintenance error

[7101] System firmware installation failure
[7103] Engine firmware installation failure
[7105] Scanner firmware installation failure
[7111] Patch installation failure
[7113] Plug-in installation failure
[7115] HDD data installation failure
[7117] RADF firmware installation failure
[7119] PFC firmware installation failure

Classification	Error item
Maintenance error	System firmware installation failed. ([7101]) Engine firmware installation failed. ([7103]) Scanner firmware installation failed. ([7105]) Patch installation failed. ([7111]) Plug-in installation failed. ([7113]) HDD data installation failed. ([7115]) RADF firmware installation failed. ([7117]) PFC firmware installation failed. ([7119])

Check item	Measures
Setting	Software package file may have a problem or may be corrupted. Check the software package file and then reattempt the installation.

Replace parts	Remarks

[7109] Printer driver update failure

Classification	Error item
Maintenance error	Printer driver upload failed.

Check item	Measures
Setting	Printer driver file may have a problem or may be corrupted. Check the package file and then reattempt the upload.

[710B] Point and Print data installation failure

Classification	Error item
Maintenance error	Point and Print data upload failed.

Check item	Measures
Setting	Point and Print data may have a problem or may be corrupted. Check the package file and then reattempt the upload.

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[710F] Language Pack installation failure

Classification	Error item
Maintenance error	Language Pack installation failed.

Check item	Measures
Setting	Language Pack file may have a problem or may be corrupted. Check the package file and then reattempt the installation.

[711D] License key returning failure

Classification	Error item
Maintenance error	The one-time dongle license fails to be returned to USB device.

Check item	Measures
Setting	Return the license to the USB device used for installing the license. Check that the USB device is correctly installed. **Notes:** The GP-1080 IPSec Enabler cannot return to the USB device due to license problem. The GP-1070 Overwrite Enabler cannot return to the USB device in the high security (08-8911: 3).

[711F] License key installation failure

Classification	Error item
Maintenance error	The one-time dongle license fails to be installed.

Check item	Measures
Setting	Check that the USB device is correctly installed.

[71A4] Cryptographic key consistency confirmation failure

Classification	Error item
Maintenance error	Cryptographic key consistency confirmation failed.

Check item	Measures
Setting	Start up the equipment in the following procedure:[3] + [C] + [POWER] → 5. Key Backup RestoreThen overwrite the corrupted license key with a normal one.

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[71AA] Unidentified error during certificate acquisition from SCEP server

Classification	Error item
Maintenance error	Unidentified error occurred during certificate acquisition from SCEP server.

Check item	Measures
Setting	Check SCEP server and the SCEP setting (automatic) on the TopAccess screen as follows: TopAccess Administration → Security → Certificate Management

[71AB] Timeout error during certificate acquisition from SCEP server

Classification	Error item
Maintenance error	Timeout error occurred during certificate acquisition from SCEP server.

Check item	Measures
Setting	Check SCEP server and the SCEP setting (automatic) on the TopAccess screen in the following procedure: TopAccess Administration → Security → Certificate Management

[71AC] File save error during certificate acquisition from SCEP server

Classification	Error item
Maintenance error	File save error occurred during certificate acquisition from SCEP server.

Check item	Measures
Setting	File saving failed for some reason. If the error still occurs after rebooting the equipment, start up using the following procedure:[3] + [C] + [POWER] → 3. HDD formatting → Reinstallation of software or HDD replacement

[71B0] Software package file decryption failure

Classification	Error item
Maintenance error	Software package file decryption failed.

Check item	Measures
Setting	Software package file may have a problem or may be corrupted. Check the software package file and then reattempt the installation.

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[71B5] Finisher firmware installation failure

Classification	Error item
Maintenance error	Finisher firmware installation failure

Check item	Measures
Setting	Finisher firmware installation failed. Reinstall the firmware.

[71B7] Saddle firmware installation failure

Classification	Error item
Maintenance error	Saddle firmware installation failure

Check item	Measures
Setting	Saddle firmware installation failed. Reinstall the firmware.

[71B9] Punch firmware installation failure

Classification	Error item
Maintenance error	Punch firmware installation failure

Check item	Measures
Setting	Punch firmware installation failed. Reinstall the firmware.

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8.3.30 Network error

[8000] Static IPv4 address conflict

Classification	Error item
Network error	IPv4 address overlaps.

Check item	Measures
Setting	Check if the same IP address is not used by other machine.

[8011] Linklocal Address Conflict

Classification	Error item
Network error	Linklocal Address Conflict

Check item	Measures
Setting	Check if the same IP address is not used by other machine.

[8012] Manual Address Conflict

Classification	Error item
Network error	Manual IPv6 Address Conflict

Check item	Measures
Setting	Check if the same IP address is not used by other machine.

[8013] Stateless Address Conflict

Classification	Error item
Network error	Stateless Address Conflict

Check item	Measures
Setting	Check if the same IP address is not used by other machine.

[8014] Stateful Address Conflict

Classification	Error item
Network error	Stateful Address Conflict

Check item	Measures
Setting	Check if the same IP address is not used by other machine.

[8022] Authentication Failure

Classification	Error item
Network error	Failed in 802.1X authentication.

Check item	Measures
Setting	Check the user credential.

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[8023] Can not contact Authentication Server/Switch

Classification	Error item
Network error	Failed in connection to authentication server and switch.

Check item	Measures
Setting	Check connectivity to switch or server.

[8024] Certificate verification Failure

Classification	Error item
Network error	Failed in verification of certificate.

Check item	Measures
Setting	Check if a valid certificate is installed.

[8031] IKEv1 certification failed

Classification	Error item
Network error	Ipsec error for ikev1 certification failed

Check item	Measures
Setting	Check 1. CA and user certificate in both MFP and remote peer - certificate timestamp and IPsec Certificate template should be valid. 2. CRL DP server name is mapped in MFP's host table or DNS entry. 3. Certificate against CRL.

[8032] IKEv1 wrong proposal choosen

Classification	Error item
Network error	Ipsec error for wrong proposal choosen

Check item	Measures
Setting	Check the IKEv1 IPsec proposal parameters (like encryption/ authentication algorithms, DH group, authentication methods) in MFP and peer machine.

[8033] IKEv1 shared key authentication failed

Classification	Error item
Network error	Ipsec error if auth for shared key failed

Check item	Measures
Setting	Mismatch in IKEv1 Pre Shared Key. Check the PSK in MFP and remote machine.

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[8034] IKEv1 invalid certificate

Classification	Error item
Network error	Ipsec error if invalid certificate uploaded

Check item	Measures
Setting	Check the CA and User certificate in MFP and peer machine.

[8035] IKEv1 certificate not supported

Classification	Error item
Network error	Ipsec error if certificate not supported

Check item	Measures
Setting	Check the User certificate type.

[8036] IKEv1 invalid certificate authentication

Classification	Error item
Network error	Ipsec error if invalid certificate authentication

Check item	Measures
Setting	Check the CA certificate in MFP and Peer machine.

[8037] IKEv1 certificate unavialable

Classification	Error item
Network error	Ipsec error if certificate are not avialable

Check item	Measures
Setting	Certificate has been deleted from Certificate store. Re-upload the corresponding certificates.

[8038] IKEv1 no SA established

Classification	Error item
Network error	Ipsec error for SA is not present

Check item	Measures
Setting	Check the IKEv1/IPsec proposal parameters (like encryption/ authentication algorithms, DH group, authentication methods) in MFP and peer machine. Check 1. CA and user certificate in both MFP and remote peer - certificate timestamp and IPsec Certificatetem.

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[8039] IKEv1 invalid signature

Classification	Error item
Network error	Ipsec error for invalid signaturer for certificate

Check item	Measures
Setting	Mismatch in Signature payload (MAC or IV). Check the CA and user certificate in MFP and peer machine.

[803A] IKEv2 wrong proposal choosen

Classification	Error item
Network error	Ipsec error is proposal choosen is wrong

Check item	Measures
Setting	Check the IKEv2/IPsec proposal parameters (encryption/ authentication algorithms, DH group, authentication methods) in MFP and peer machine.

[803B] IKEv2 Certificate failed

Classification	Error item
Network error	Ipsec error for ikev2 certification failed

Check item	Measures
Setting	Check 1. CA and user certificate in both MFP and remote peer - certificate timestamp and IPsec Certificate template should be valid. 2. CRL DP server name is mapped in MFP's host table or DNS entry. 3. Certificate against CRL.

[803C] IKEv2 secret key authentication failed

Classification	Error item
Network error	Ipsec error for ikev2 if secret key auth failed

Check item	Measures
Setting	Mismatch in IKEv2 Pre Shared Key. Check the PSK in MFP and peer machine.

[803D] IKEv2 falling back to IKEv1

Classification	Error item
Network error	Ipsec error if peer dosent support IKEv2 and falling back to IKEv1

Check item	Measures
Setting	Remote machine is not supporting IKEv2. Going back to use IKEv1.

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[803E] IKEv2 ISAKMP SA unavialable

Classification	Error item
Network error	Ipsec error if ISAKMP SA is not created of destroyed due to some uncertain condition

Check item	Measures
Setting	Restart IPsec service on Peer and retry.

[803F] IKEv2 cryptographic operation failed

Classification	Error item
Network error	Ipsec error for ikev2 if crypto operation failed

Check item	Measures
Setting	If Certificates are being used, re-upload the corresponding certificates using Security Services. Restart IPsec Service on MFP.

[8040] IKEv2 invalid key information

Classification	Error item
Network error	Ipsec error for ikev2 if key info is invalid

Check item	Measures
Setting	Check IKE settings in MFP and peer.

[8041] IKEv2 CA not trusted

Classification	Error item
Network error	Ipsec error for ikev2 if CA is not trusted

Check item	Measures
Setting	Check the CA certificate in MFP and peer machine. Check the CA certificate timestamp.

[8042] IKEv2 Authentication method mismatch

Classification	Error item
Network error	Ipsec error if auth method is not matching

Check item	Measures
Setting	Mismatch in IKE authentication type. Check the Authentication type in MFP and peer.

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[8043] IPsec IKE version mismatch

Classification	Error item
Network error	Ipsec error if ike version is not matching

Check item	Measures
Setting	Mismatch in IKE version. Check the IKE version in MFP and peer.

[8044] IPsec encaptulation mismatch

Classification	Error item
Network error	Ipsec error for encaptulation is not matching

Check item	Measures
Setting	Check the IPsec mode (Transport/Tunnel) in MFP and peer.

[8045] IPsec Peer IP mismatch

Classification	Error item
Network error	Ipsec error for peer ip mismatch

Check item	Measures
Setting	Remote Traffic selector mismatch. Check the destination address/port in IPsec filter.

[8046] IPsec local IP mismatch

Classification	Error item
Network error	Ipsec error for local ip mismatch

Check item	Measures
Setting	Local traffic selector mismatch. Check the source address/port in IPsec filter.

[8047] IPsec local ID mismatch

Classification	Error item
Network error	Ipsec error for local id mismatch

Check item	Measures
Setting	Check the user certificate in MFP

[8048] IPsec Remote ID mismatch

Classification	Error item
Network error	Ipsec error for remote id mismatch

Check item	Measures
Setting	Check the user certificate in peer machine.

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[8049] IPsec Remote IP mismatch

Classification	Error item
Network error	Ipsec error for remote ip mismatch

Check item	Measures
Setting	Remote traffic selector mismatch. Check the source address/port in IPsec filter.

[804A] IPsec IKE timeout

Classification	Error item
Network error	Ipsec error for ike timeout

Check item	Measures
Setting	Check the network connectivity between MFP and peer machine. Select the Flush Connections Option and retry.

[804B] IPSec invalid manual key

Classification	Error item
Network error	Ipsec error id manual key is not valid

Check item	Measures
Setting	Check the Inbound and Outbound (ESP Encryption/ Authentication and AH Authentication) keys in MFP and Remote PC.

[8061] Secure update to primary IPv4 server failed
[8062] Secure update to secondary IPv4 server failed
[8063] Secure update to primary IPv6 server failed
[8064] Secure update to secondary IPv6 server failed
[8065] IPv6 primary DDNS update error
[8066] IPv6 secondary DDNS update error
[8067] IPv4 primary DDNS update error
[8068] IPv4 secondary DDNS update error

Classification	Error item
Network error	Secure update to primary IPv4 server failed. ([8061]) Secure update to secondary IPv4 server failed. ([8062]) Secure update to primary IPv6 server failed. ([8063]) Secure update to secondary IPv6 server failed. ([8064]) IPv6 primary DDNS update error. ([8065]) IPv6 secondary DDNS update error. ([8066]) IPv4 primary DDNS update error. ([8067]) IPv4 secondary DDNS update error. ([8068])

Check item	Measures
Setting	Check if there is any problem with DNS or DDNS settings.

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[8069] Invalid TSIG/SIG(0) Key file

Classification	Error item
Network error	This message is displayed when the key file for SIG(0) or TSIG is invalid.

Check item	Measures
Setting	Verify the TSIG/SIG(0) key files used.

[8101] Wireless association with Access point failure

Classification	Error item
Network error	Wireless association with Access point failure

Check item	Measures
Setting	Verify the credentials used for association with Access point.

[8102] MFP not able to contact the Access point with the specified SSID

Classification	Error item
Network error	MFP not able to contact the Access point with the specified SSID

Check item	Measures
Setting	Verify the access point name setting and mechanism used for association same as Access Point setting.

[8103] Wireless Certificate verification failure

Classification	Error item
Network error	Wireless Certificate verification failure

Check item	Measures
Setting	Verify the certificate settings used for association.

[8121] Domain - General Failure during Authentication

Classification	Error item
Network error	An unknown domain authentication error occurs when connecting to the domain controller.

Check item	Measures
Setting	Check the network settings of the equipment, and retry connecting to the domain controller.

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[8122] Domain - Invalid Username or Password

Classification	Error item
Network error	The user name or password of the domain authentication is not valid and the user cannot log on.

Check item	Measures
Setting	Check if the user name or password is correctly entered. Enter them by specifying the upper and lower case letters correctly.

[8123] Domain - Server not present in Network

Classification	Error item
Network error	The server cannot be detected at domain authentication.

Check item	Measures
Setting	Check if the server fails. Check the network settings of the equipment. If name resolution is used, check the settings of the DNS and DDNS.

[8124] Domain - User account is disabled on Server

Classification	Error item
Network error	The user account is invalid at domain authentication and it cannot be used to log on.

Check item	Measures
Setting	Check if the setting of the user account in "Active Directory User and Computer" is disabled.

[8125] Domain - User account has expired and cannot be used for logon

Classification	Error item
Network error	The user account has expired at domain authentication and it cannot be used to log on.

Check item	Measures
Setting	Check if the setting of the user account in "Active Directory User and Computer" has expired.

[8126] Domain - User account is locked and cannot be used for logon

Classification	Error item
Network error	The user account is locked at domain authentication and it cannot be used to log on.

Check item	Measures
Setting	Check the setting of the account lock-out on the server.

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[8127] Domain - Invalid logon hours for the User

Classification	Error item
Network error	The user log-on time is invalid at domain authentication and the user cannot log-on.

Check item	Measures
Setting	Check the log-on time setting of the user account in "Active Directory User and Computer".

[8128] Active Directory Domain - Clock Skew error due to difference in Time between Server and MFP

Classification	Error item
Network error	The difference between the time set in the equipment and that set in the server is more than five minutes at domain authentication of the Active Directory and the user cannot log on.

Check item	Measures
Setting	Match the time of the equipment and domain controller, or if an SNTP server is in the network, recommend the use of SNTP.

[8129] Active Directory Domain - Kerberos Ticket has expired and cannot be used for Authentication

Classification	Error item
Network error	A Kerberos ticket has expired at the domain authentication of the Active Directory and the user cannot log on.

Check item	Measures
Setting	Check if the Kerberos ticket on the Kerberos server has expired.

[812A] Active Directory Domain - Verification of the Ticket has failed

Classification	Error item
Network error	A Kerberos ticket authentication error of the Active Directory domain authentication occurs and the user cannot log on.

Check item	Measures
Setting	Check if the user name or password is correctly entered. If this problem still persists, contact your Window server administrator.

[812B] Active Directory Domain-The Domain specified could not be found

Classification	Error item
Network error	The Realm name for the domain authentication of the Active Directory is invalid and the user cannot log on.

Check item	Measures
Setting	Check if the Realm name of the Active Directory server of the equipment is wrong. If this problem still persists, contact your Window server administrator.

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8.4 Other errors

8.4.1 Equipment operation disabled after the installation of option(s)

Check if the optional board is installed properly.

8.4.2 Wireless LAN connection disabled

The connection state and settings of the Wireless LAN can be checked with [USER FUNCTIONS] → [ADMIN] → [WIRELESS LAN] → [SETTING CHECK].
Confirm the settings with the administrator.

- “NIC INITIALIZING” does not disappear at the time of the power being turned ON and it disappears after 6 minutes with the NIC initializing time-out. In this case, the connection to the Wireless LAN did not succeed even though “NIC INITIALIZING” disappears.
- The connection to the Wireless LAN cannot be made if the Access Point to be connected is not found or security settings are not correct.

8.4.3 "Invalid Department Code" is displayed

Log in to TopAccess as an administrator, select [Authentication] on the [User Management] tab, and then check whether Department Setting is enabled or disabled.

Department Setting is enabled:

- Log in to TopAccess as an administrator, select [Authentication] on the [User Management] tab, and then check User Management Setting.
- Confirm the settings of 08-3805 in the setting mode.

Department Setting is disabled:

- Log in to TopAccess as an administrator, select [Authentication] on the [User Management] tab, and then check User Management Setting.

8.4.4 Paper folded on the leading edge

If the leading edge of B4, B5 or B5-R paper is folded when it exits, check the following items.

- Check if the rear and side guides of the drawer or the side guide of the bypass tray correspond to the paper size.

8.4.5 Toner cartridge unrecognized

If the toner cartridge is not recognized, check the following.

- Check that there is no access abnormality to the toner cartridge IC chip.
  📖 P. 8-147 " [C911] Toner cartridge IC chip access board abnormality"

8.4.6 Ethernet disabled in half-duplex communication

The Ethernet of this equipment does not support half-duplex communication.
When the port setting of the switch is fixed at half-duplex communication, use any of 10/100/1000 Mbps, full-duplex fixed communication mode or auto-negotiation function.
In addition, select the setting of the equipment corresponding to that of the switch.
([ADMIN] > [NETWORK] > [ETHERNET])
Check the set communication speed as follows if required:
[ADMIN] > [NETWORK] > [ETHERNET]

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8.4.7 The equipment does not start after the power has been turned ON.

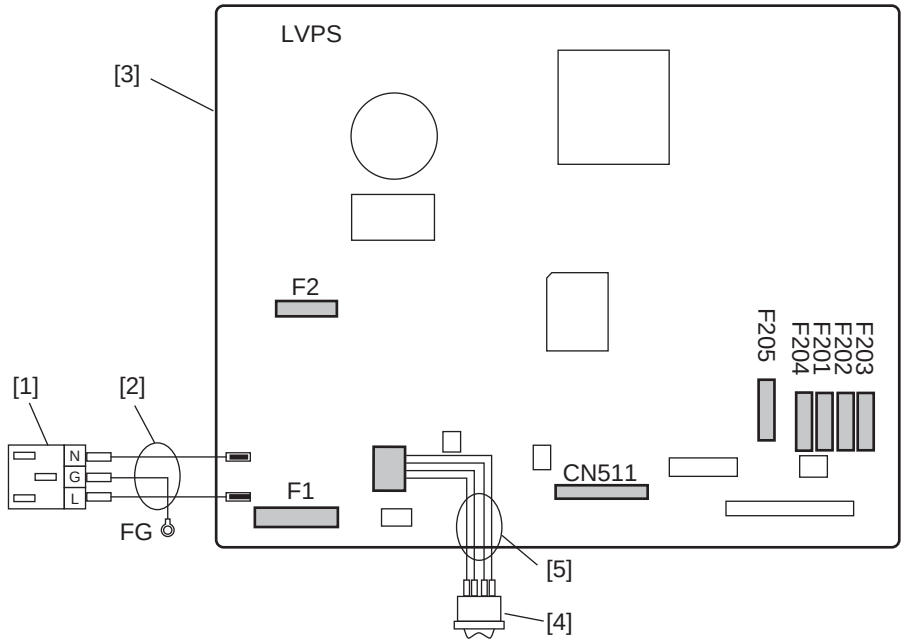

Fig.8-2

Check item	Measures
Power voltage	Check if the power voltage is proper for this equipment. Is the voltage for this equipment +/-10% of the rated voltage?
Power cable	Check if the harnesses are properly connected or if they are open circuited.
Switching power supply (LVPS) [3]	Check if there is any abnormality on the inlet [1] and the harness (for the inlet) [2]. Check if there is any abnormality on the main power switch [4] and the harness (for the main power switch) [5].
	Check if the fuses (F1 and F2) on the input side have not melted. Check if the following voltage is output normally: 5VS: Pins CN511-5 and -6 12VA: Pins CN511-9, -10 and -11
LGC board	Reconnect the connectors. Replace the harnesses. Replace the LGC board.
SYS board	Reconnect the connectors. Replace the harnesses. Replace the SYS board.
IH board	Reconnect the connectors. Replace the harnesses. Replace the IH board.

Parts to be replaced	Remark
Fuse	
Harness (for the inlet)	

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Parts to be replaced	Remark
Harness (for the main power switch)	
Main power switch	
Switching power supply (LVPS)	
LGC board	
SYS board	
IH board	

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8.5 Troubleshooting for the Image

8.5.1 Color deviation

1) Color deviation
<Symptoms>

Original mode	Location	Phenomena	
All modes	Color blurred in outline of white text or illustration on a colored background	Color deviation→	Fig.8-3
Text Mode Text/Photo Mode	Outline in black text on a colored background	White void→	Fig.8-4
Photo Mode Map Mode	Color blurred in outline of line or text	Color deviation→	Fig.8-5

Cause/Section	Step	Check Item	Measure	Remark
	1	Perform the Forced performing of color registration control adjustment (05-4719).	Has it ended normally? When CA00 occurs: → Proceed to [CA00] troubleshooting.	
	2	Test printing (A3/LD)	Output the built-in grid pattern	For the following checks
Drum rotation abnormality	3	Check the drum motor operation in the test mode (03) to see if there is any rotation abnormality of the drum.	Replace the drum TBU motor.	
	4	Check the drum TBU motor operation in the test mode (03) to see if there is any rotation abnormality of the drum.	Reconnect the connectors. Replace the harnesses. Replace the LGC board.	
Inadequate drum TBU motor rotation speed	5	Check the value set for drum TBU motor rotation speed. (Is the value significantly different from the default value?)	Reset drum TBU motor speed to 128.	
Drum coupling and coupling on the equipment side	6	Loose coupling, damage, deformation	Check if they are installed properly or replace the couplings.	

8

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Cause/Section	Step	Check Item	Measure	Remark
Transfer belt	7	Deformation or damage of the transfer belt or stains on the transfer belt.	Clean or replace the transfer belt.	
	8	Are the gears on the transfer belt side loosen, damaged or deformed?	Tighten the screws if they loosen, or replace the gears.	
	9	Stain or damage of the drive roller	Clean or replace the drive roller.	
	10	Does the rib of the transfer belt overlap the collar on both edge of the drive roller?	Adjust the position of the transfer belt.	
	11	Is the belt edge damaged or stained?	Clean or replace the transfer belt.	
	12	Peeling of the cleaning blade (Large driving load)	Replace the cleaning blade.	
	13	Is the transfer belt unit installed normally? (Is the unit properly grounded?)	Check and correct the installing.	
High-voltage transformer	14	Check the connection of the high-voltage supply terminal of the 1st or 2nd transfer rollers.	Correct or replace the terminal if it is loosened or damaged.	

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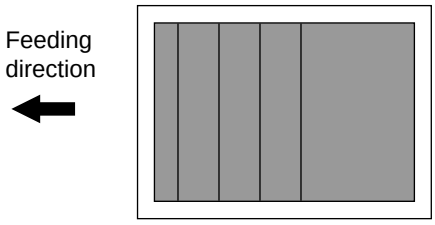
8.5.2 Uneven pitch and jitter image

<Symptoms>

Original mode	Location	Phenomena	
All modes	Occurs cyclically at right angles to paper feeding direction	Uneven pitch	 Fig.8-6

Cause/Section	Step	Check Item	Measure	Remark
	1	Test printing (A3/LD)	Output the built-in halftone and grid patterns.	For the following checks
Drum	2	Are there uneven pitches of approx. 94 mm?	Replace the drum.	
	3	Is there any damage on the drum surface?	Clean or replace the drum.	
Drum drive	4	Is there any dent, damage or deformation on the gears of the drum drive unit?	Replace the gears of the drum drive unit.	
Drum rotation abnormality	5	Check the drum TBU motor operation in the test mode (03) to see if there is any rotation abnormality of the drum.	Reconnect the connectors. Replace the harnesses. Replace the LGC board. Replace the drum TBU motor.	
Developer sleeve	6	Are there uneven pitches of approx. 28 mm?	Replace the developer sleeve.	
Inadequate drum TBU motor rotation speed	7	Check the value set for drum TBU motor rotation speed. (Is the value significantly different from the default value?)	Reset drum TBU motor speed to 128.	
Drum coupling	8	Loose coupling, damage, deformation	Replace the couplings.	
Transfer belt	9	Deformation or damage of the transfer belt	Replace the transfer belt.	Check the halftone pattern. (Uneven pitch: approx. 56 mm)
	10	Stain or damage of the drive roller	Clean or replace the drive roller.	Check the halftone pattern. (Uneven pitch: approx. 56 mm)
	11	Large driving load due to the peeling of the cleaning blade	Replace the cleaning blade.	
Transfer belt drive	12	Are there uneven pitches of 0.63 mm ?	Replace the TBU gears.	

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Cause/Section	Step	Check Item	Measure	Remark
Feeding drive	13	Are there uneven pitches of approx 2.0 mm or 0.79 mm, 1.25 mm?	Replace the gears of the feed/transport gear unit and the first drawer transport clutches.	
	14	Is there any dent, damage or deformation on the gear of the feed/transport gear unit and the first drawer transport clutch (CLT1 or CLT2)?		
Fusing drive	15	Are there uneven pitches of approx. 94 mm?	Perform “Fine adjustment of fuser belt rotational speed” (05-4529).	
	16	Is the fuser unit properly installed in the equipment?	Check if the fuser unit is installed correctly.	
	17	Is there any dent, damage or deformation on the drive gears of the pressure roller?	Replace the drive gear of the pressure roller.	
EPU drive	18	Are there uneven pitches of approx. 0.78 mm?	Replace the developer drive unit, developer sleeve and drive gears of the mixer.	
	19	Is there any dent, damage or deformation on the developer drive unit, developer sleeve and drive gears of the mixer?		
2nd transfer roller	20	Are there uneven pitches of approx. 75 mm? Is there any deformation to the 2nd transfer roller? Since the 2nd transfer roller is always in contact with the transfer belt, the roller may creep if the power has not been turned on and the equipment left unused for a long time (1 month or more), causing an uneven pitch.	Replace the 2nd transfer roller.	This problem may occur on thick paper or the image on the back side of the paper in duplex printing.

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8.5.3 Poor image density, color reproduction and gray balance

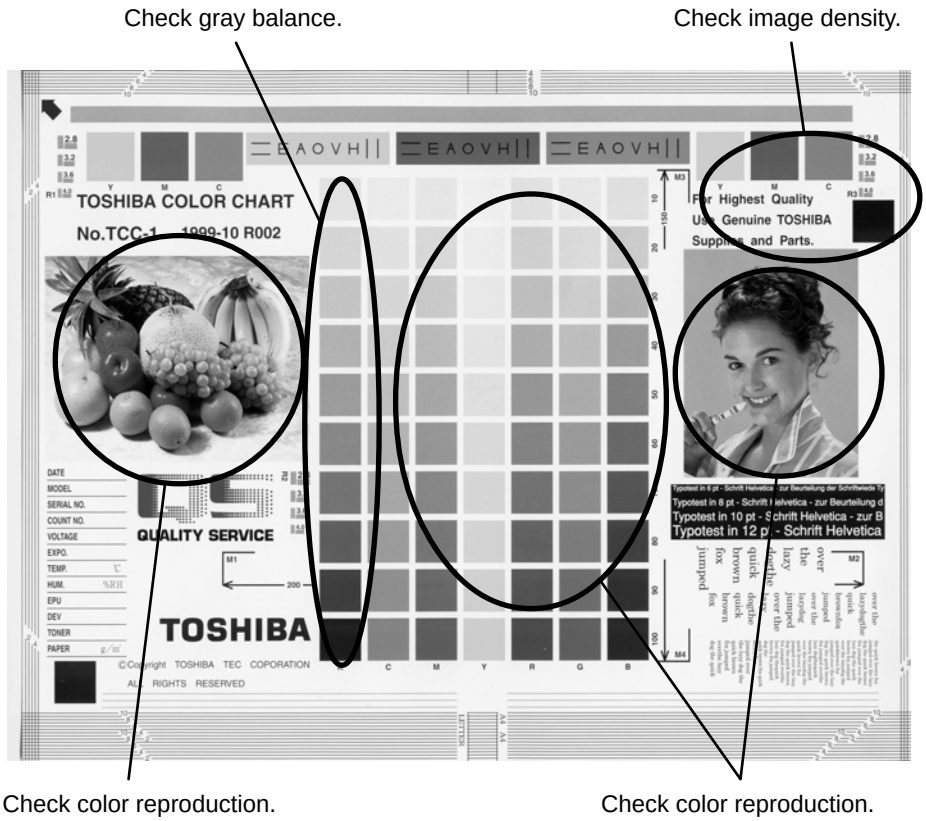

Fig.8-7

Cause/Section	Step	Check item	Measures	Remarks
Density / Color reproduction / Gray balance	1	Check the image density / color reproduction / gray balance.	Perform the enforced performing of image quality closed-loop control (05-2742) and then automatic gamma adjustment.	
Printer density	2	Check the density of printer output image.	Output the test patterns and check them. Using 04-36 for each color	See step 5 if defect occurs.
Scanner	3	Check if the original glass, mirrors or lens is dirty.	Clean it.	
Parameter adjustment value	4	Check the image processing parameters.	Adjust the color balance (color). Adjust the image density.	

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Cause/Section	Step	Check item	Measures	Remarks
Printer output image abnormal	5	Is there any faded image (low density)?	Perform the troubleshooting procedures against the faded image.	
		Is there any fog in the background?	Perform the troubleshooting procedures against the background fogging.	
		Is there any blotch image?	Perform the troubleshooting procedures against the blotch image.	
		Is there any poor transfer?	Perform the troubleshooting procedures against the poor transfer.	
		Is there any poor cleaning of the transfer belt? (Check inside the equipment.)	Correct the transfer belt area.	

* If the trouble is not solved at the step 1 and the step 2 or followings (excluding the parameter adjustment) are performed, make sure to perform “Enforced performing of image quality closed-loop control” and then “Automatic gamma adjustment” after taking a measure.

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8.5.4 Background fogging 1

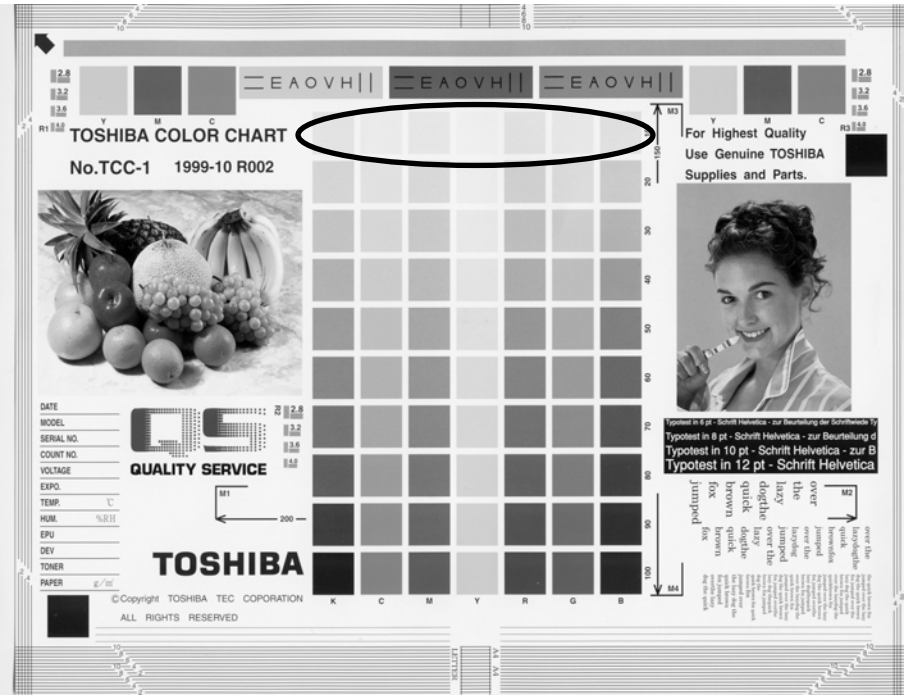

Fig.8-8

Cause/Section	Step	Check item	Measures	Remarks
Density reproduction	1	Check the gradation reproduction.	Perform the forced performing of image quality closed-loop control (05-2742) and then automatic gamma adjustment.	
Printer section	2	Check the printer output image.	Output the test patterns and check them. Using 04-36 for each color	See step 6 if defects occur.
Scanner	3	Check if the original glass, mirrors or lens is dirty.	Clean it.	
Parameter adjustment value	4	Check the image processing parameters.	Check the value of offsetting adjustment for background adjustment.	
	5	Adjust the image processing parameters.	While checking the above encircled image, adjust the reproduction level by the offsetting adjustment for background adjustment.	
Cover	6	Is the cover installed properly? (Is the drum exposed to the external light?)	Correct it.	
Auto-toner	7	Is the auto-toner sensor normal?	Check the operation of auto-toner sensor and readjust.	
	8	Is the toner supply operating constantly?	Check the motor and circuits.	

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Cause/Section	Step	Check item	Measures	Remarks
Main charger output	9	Is the main charger output normal?	Check the circuits.	
Developer bias	10	Is the developer bias proper?	Check the circuits.	
Developer unit	11	Is the contact between the drum and developer material proper?	Check the doctor-to-sleeve gap and pole position.	
Developer material/ Toner/Drum	12	Using the specified developer material, toner and drum?	Use the specified developer material, toner and drum.	
	13	Have the developer material and drum reached their PM life?	Replace the developer material and drum.	
	14	Is the storage environment of the toner cartridge 35oC or less without dew?	Use the toner cartridge stored in the environment within specification.	
Drum cleaning blade	15	Is the drum cleaned properly?	Check the drum cleaning blade pressure.	
Transfer belt cleaning blade	16	Is the transfer belt cleaning blade in proper contact with the transfer belt?	Take off the transfer belt and check if the transfer belt cleaning blade pressure spring and pressure hook are installed properly.	
Toner dusting	17	Is the toner accumulated on the seals of the developer unit?	Remove the toner and clean the seals.	

* If the trouble is not solved at the step 1 and the step 2 or followings (excluding the parameter adjustment) are performed, make sure to perform “Enforced performing of image quality closed-loop control” and then “Automatic gamma adjustment” after taking a measure.

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8.5.5 Background fogging 2 (1200 dpi printing)

<Symptoms>
The stripe pattern is printed on the whole area of paper at 1200 dpi printing, it looks like background fogging.

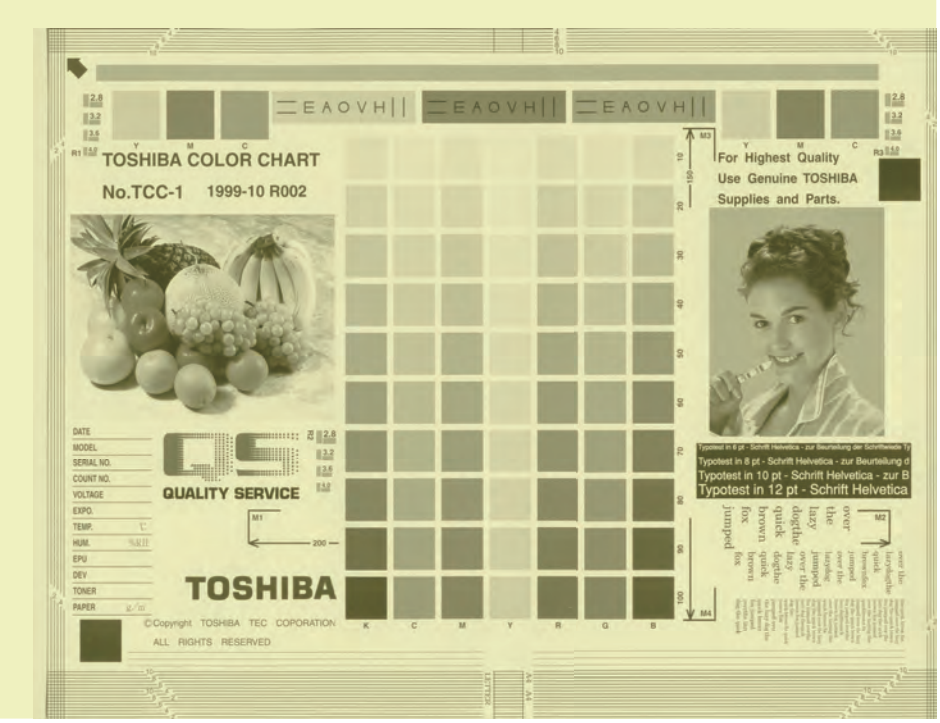

Fig.8-9

Cause/Section	Step	Check item	Measures	Remarks
Connectors which connect the LGC board and SYS board	1	Check if there is foreign matter or dust on the terminals of connectors (CN128 and CN350).	Remove the foreign matter or clean the connectors if there is dust.	
	2	Check if the connectors (CN128 and CN350) are inserted at an angle.	Insert the connectors properly.	
LGC board and SYS board	3	Check if the board is short circuited or open circuited.	Replace the LGC board or SYS board.	

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8.5.6 Moire /lack of sharpness

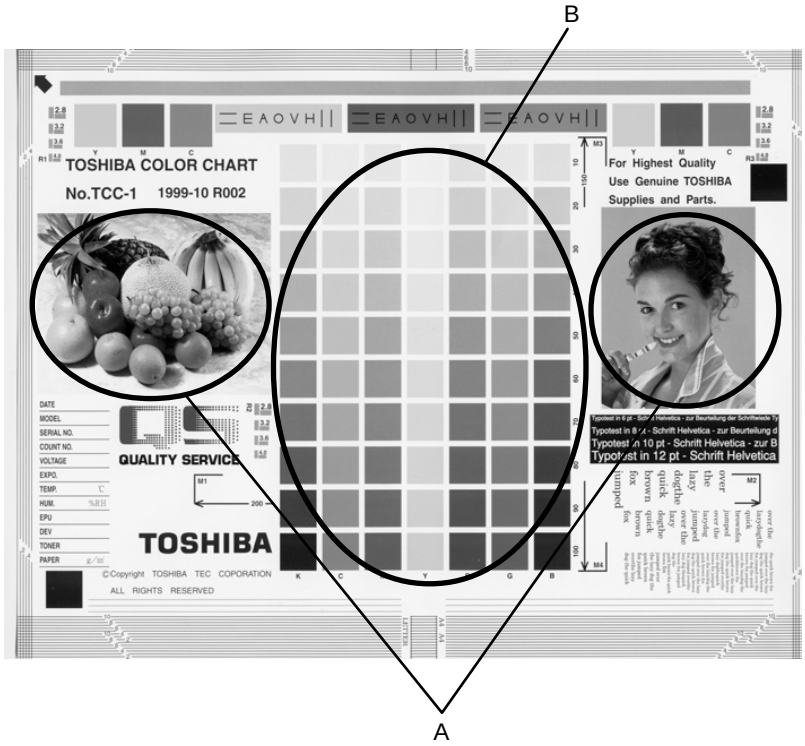

Fig.8-10

Moire

Cause/Section	Step	Check item	Measures	Remarks
Density reproduction	1	Check the gradation reproduction.	Perform the forced performing of image quality closed-loop control (05-2742) and then automatic gamma adjustment.	
Parameter adjustment value	2	Check the image processing parameters.	Check the sharpness adjustment value.	
	3	Adjust the image processing parameters.	While checking the above encircled images A and B, decrease moire by sharpness adjustment.	
Printer section	4	Check the printer output image.	Output the test patterns and check them. Using 04-36 for each color	When defects occur, perform the corresponding troubleshooting procedures.

Lack of sharpness

Cause/Section	Step	Check item	Measures	Remarks
Density reproduction	1	Check the gradation reproduction.	Perform the forced performing of image quality closed-loop control (05-2742) and then automatic gamma adjustment.	

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Cause/Section	Step	Check item	Measures	Remarks
Parameter adjustment value	2	Check the image processing parameters.	Check the sharpness adjustment value.	
	3	Adjust the image processing parameters.	While checking the above encircled image A, increase sharpness by sharpness adjustment.	

* If the trouble is not solved at the step 1 and the step 2 or followings (excluding the parameter adjustment) are performed, make sure to perform “Enforced performing of image quality closed-loop control” and then “Automatic gamma adjustment” after taking a measure.

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8.5.7 Toner offset

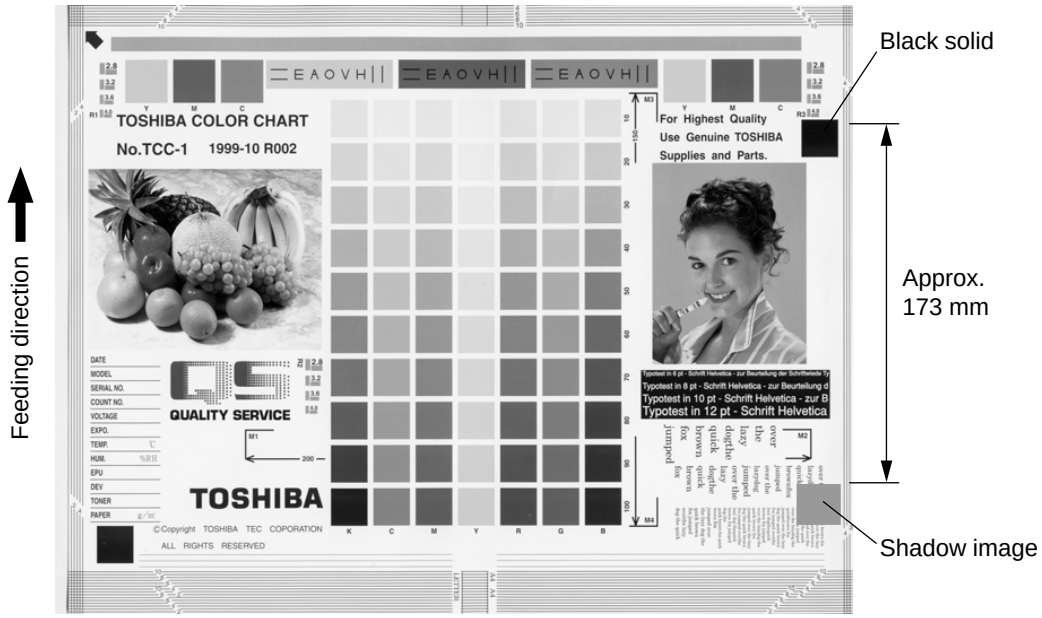

Fig.8-11

Toner offset (Shadow image appears approx. 173 mm behind the high density image.)

Cause/Section	Step	Check item	Measures	Remarks
Fuser unit	1	Is the pressure between the fuser belt and pressure roller proper?	Check the pressure removal parts and pressure mechanism.	
	2	Is there scratch on the fuser belt or pressure roller surface?	Replace the fuser belt or the pressure roller.	
	3	Has the fuser belt or pressure roller reached its PM life?	Replace the fuser belt or the pressure roller.	
	4	Is the fuser belt temperature proper?	Check and correct the control circuit.	
	5	• Is there any deformation to the thermistors? • Are the thermistors contacted with the fuser belt? (Take out the thermistors from the fuser belt, and then check that there is recoil by spring force.)	Replace the thermistor.	
Paper	6	Is the paper type corresponding to its mode?	Use the proper type of paper or select the proper mode.	
	7	Using recommended paper?	Use the recommended paper.	
Developer material	8	Is the specified developer used?	Use the specified developer and toner.	
Scanner	9	Are the mirrors, original glass or lens dirty?	Clean them.	

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Cause/Section	Step	Check item	Measures	Remarks
Image quality control	10	Is the control activated?	Check the image quality control related codes.	
Density	11	Is the density too high?	Perform the forced performing of image quality closed-loop control (05-2742) and then automatic gamma adjustment.	
Printer density	12	Check the density of printer output image.	Output the test patterns and check them. using 04-36 for each color	When defects occur, perform the corresponding troubleshooting procedures.

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8.5.8 Blurred image

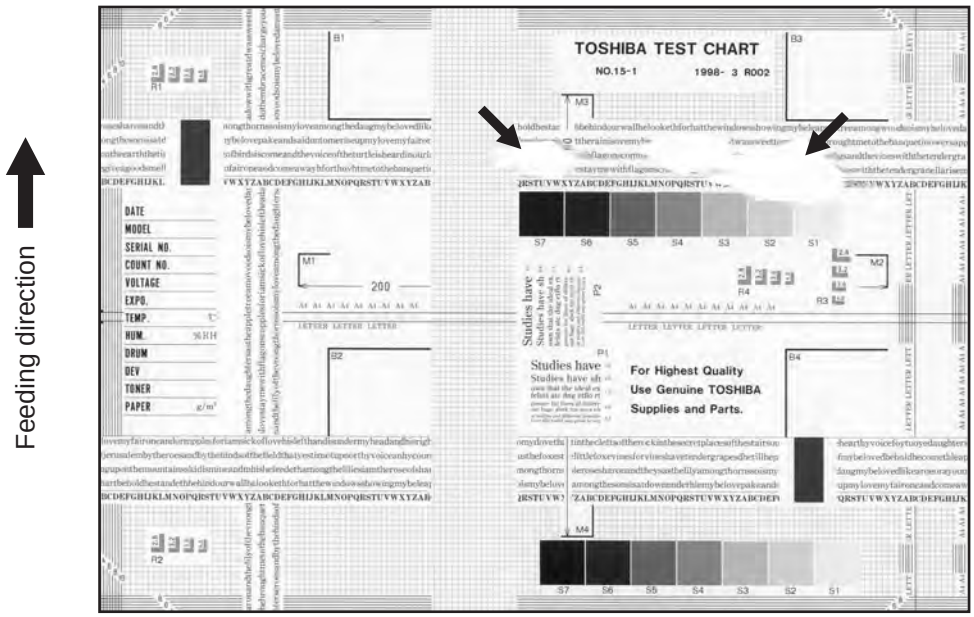

Fig.8-12

Cause/Section	Step	Check item	Measures
Scanner	1	Is the scanner bedewed?	Clean it.
Drum	2	Is the drum bedewed or dirty?	Wipe the drum with dry cloth. * Be sure never use alcohol or other organic solvents because they have bad effect on the drum.
Ozone exhaust	3	Is the ozone exhaust fan operating properly?	Check the connection of the connector.
	4	Is the ozone filter stained or damaged?	Replace it.
LED head	5	Is there foreign matter or dust on the LED head?	Clean the LED head.
Main charger	6	Is the charger grid dirty or deformed?	Clean or replace the charger grid.
Main charger	7	Is there foreign matter on the charger grid?	Remove foreign matter. Clean or replace the charger grid.

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8.5.9 Poor fusing

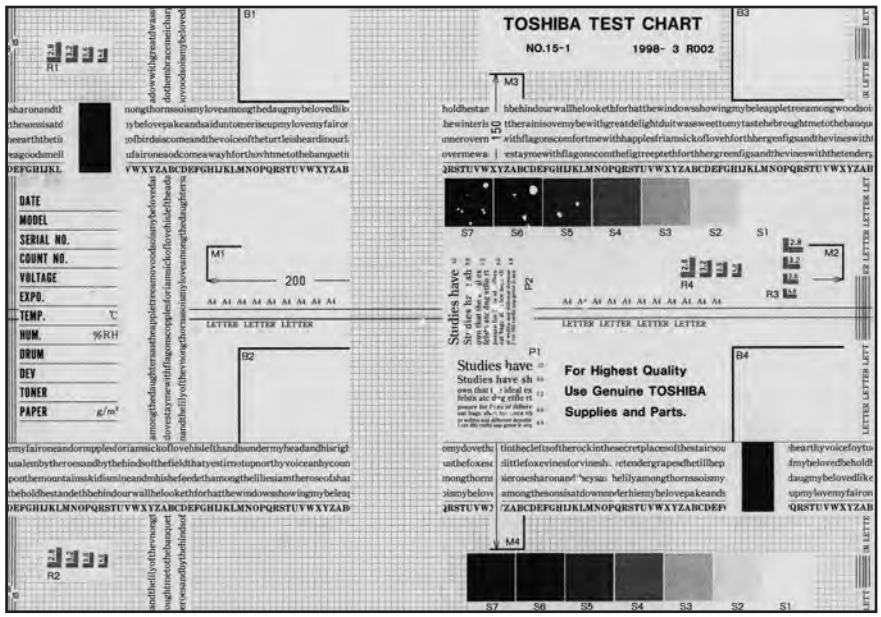

Fig.8-13

Cause/Section	Step	Check item	Measures
Electric power/control abnormal	1	Is the connector in proper contact with the equipment?	Correct it.
	2	Is the IH drive circuit (switching power supply) working properly?	Replace the switching power supply.
	3	Are the connectors on the LGC board and joint connectors connected properly?	Reconnect them.
	4	Is the LGC board normal?	Replace the LGC board.
	5	Is the harness connected with the LGC board short circuited or open circuited?	Replace the harness.
	6	• Is there any deformation to the thermistors? • Are the thermistors contacted with the fuser belt? (Take out the thermistors from the fuser belt, and then check that there is recoil by spring force.)	Replace the thermistor.
Pressure between fuser belt and pressure roller improper	7	Is the pressure between the fuser belt and pressure roller proper?	Check the pressure removal parts and pressure mechanism.
Fuser belt temperature	8	Is the temperature of fuser belt too low?	Check/correct the setting value of fuser belt temperature. Clean or replace the thermistor. Check/correct the related circuit.

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Cause/Section	Step	Check item	Measures
Developer material and toner	9	Using the specified developer material and toner?	Use the specified developer material and toner.
Paper	10	Is the paper damp?	Change the paper.
	11	Is the paper type corresponding to its mode?	Use the proper type of paper or select the proper mode.
	12	Using the recommended paper?	Use the recommended paper.

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8.5.10 Blank print

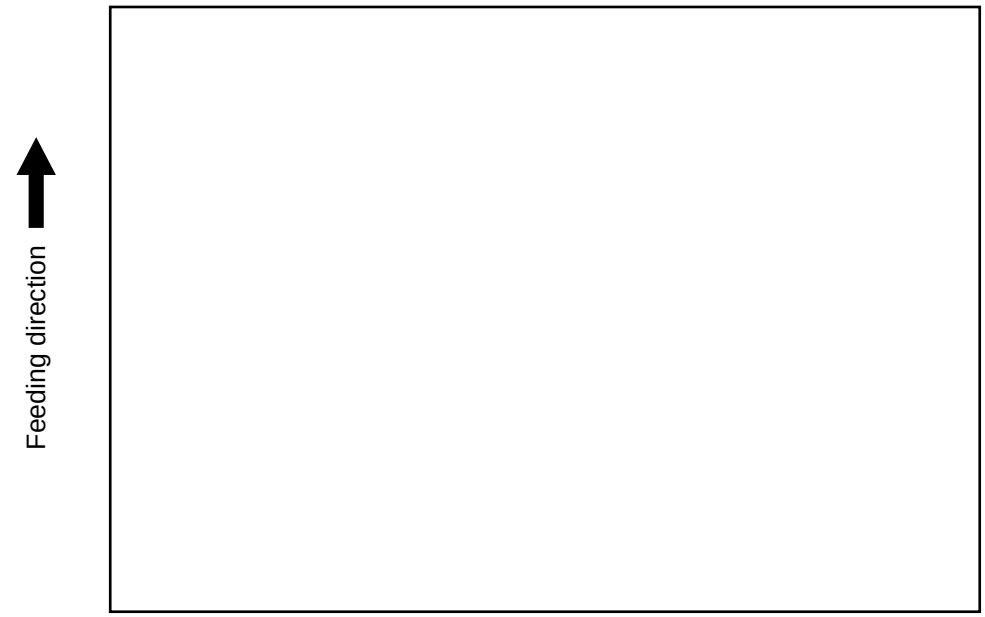

Fig.8-14

Cause/Section	Step	Check item	Measures
High-voltage transformer (1st/2nd transfer roller and developer bias)	1	Is the high-voltage transformer output defective?	Adjust the output and correct the circuit, or replace the transformer.
	2	Are the connector of the high-voltage harness securely connected? Is the harness open circuited?	Reconnect the harness securely. Replace the high-voltage harness.
Developer unit	3	Is the developer unit installed securely?	Check/correct the developer sleeve coupling engaging.
	4	Do the developer sleeve and mixer rotate?	Check/correct the developer drive system.
	5	Is the developer unit filled up with the developer material?	Check that the charger grid is not dirty. (The developer material may be reduced due to the carrier offset.)
	6	Is the developer material properly transported?	Remove foreign matter from the developer material, if any.
	7	Is there any magnetic brush phase error?	Check the developer pole position.
	8	Is the doctor sleeve gap incorrect?	Adjust the gap with the doctor-sleeve jig.
Drum	9	Is the drum rotating?	Check/correct the drum coupling engaging. Check the drum drive system.
	10	Is the drum grounded?	Check the contact of the grounding plate.

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Cause/Section	Step	Check item	Measures
Transfer unit	11	Is the transfer belt in proper contact with the drum?	Check if the contact releasing lever is at releasing position. Check the installation of the transfer belt.
	12	Is the transport of the transfer belt normal?	Check the installation of the transfer belt or transport mechanism.
Harnesses for CCD, SYS and LGC boards	13	Are the connectors securely connected? Is any harness between the boards open circuited?	Reconnect the connectors securely. Replace the harness.

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8.5.11 Solid print

Fig.8-15

When there is a void on the solid image

Cause/Section	Step	Check item	Measures
Exposure lamp	1	Does the exposure lamp light?	If the lamp does not work, replace it.
Harnesses for CCD, SYS and LGC boards	2	Are the connectors securely connected? Is any harness between the boards open circuited? Is the connector between the SYS and LGC boards not disconnected?	Reconnect the connectors securely. Replace the harness.
Scanner	3	Is there foreign matter in the optical path?	Remove it.
Bedewing of scanner	4	Is the scanner bedewed?	Clean the mirrors and lens. Keep the power cord plugged so that the damp heater can work.

When there is no void on the solid image

Cause/Section	Step	Check item	Measures
Main charger	1	Is the main charger securely installed?	Reinstall it securely.
	2	Does the needle electrode not come off?	Reinstall it securely.
High-voltage transformer (main charger needle electrode/grid bias)	3	Is the high-voltage transformer output defective?	Adjust the output and correct the circuit, or replace the high-voltage transformer.
	4	Are the connector of the high-voltage harness securely connected? Is the harness open circuited?	Reconnect the harness securely. Replace the high-voltage harness.

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Cause/Section	Step	Check item	Measures
Bedewing of drum	5	Is the drum bedewed?	Clean the drum. Keep the power cord plugged so that the damp heater can work.

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8.5.12 White banding (in feeding direction)

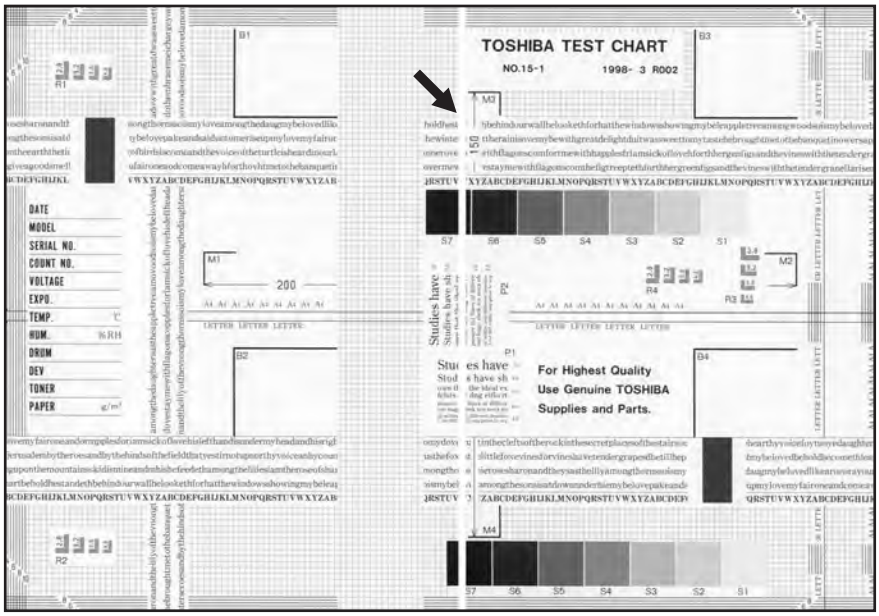

Fig.8-16

Cause/Section	Step	Check item	Measures
LED head	1	Is there foreign matter or dust on the LED head?	Clean the LED head.
Main charger grid	2	Is there foreign matter on the charger grid?	Remove foreign matter.
Developer unit	3	Is there foreign matter inside the doctor blade?	Remove foreign matter.
	4	Is there foreign matter on the drum seal?	Remove foreign matter.
	5	Do any paper fibers or dirt adhere to the developer unit and contact with the drum?	Remove the paper fibers or dirt.
Drum	6	Is there scratch or foreign matter on the drum surface?	Replace the drum.
Transfer unit	7	Is there scratch or foreign matter on the transfer belt surface?	Replace the transfer belt.
	8	Are the harness or foreign matters in contact with the transfer belt surface?	Correct or remove them.
	9	Is there any scratch or hole on the 1st/2nd transfer roller?	Replace the 1st/2nd transfer roller.
Transfer unit	10	Is there any foreign matter on the 2nd transfer facing roller?	Remove foreign matter or clean the roller.
Transport path	11	Does the toner image touch foreign matter after transfer, before entering the fuser unit?	Remove foreign matter.
Discharge LED	12	Has any LED of discharge LED gone out?	Replace the discharge LED.

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Cause/Section	Step	Check item	Measures
Scanner	13	Is there foreign matter or dust in the optical path?	Clean the lens and mirrors.

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8.5.13 White banding (at right angles to feeding direction)

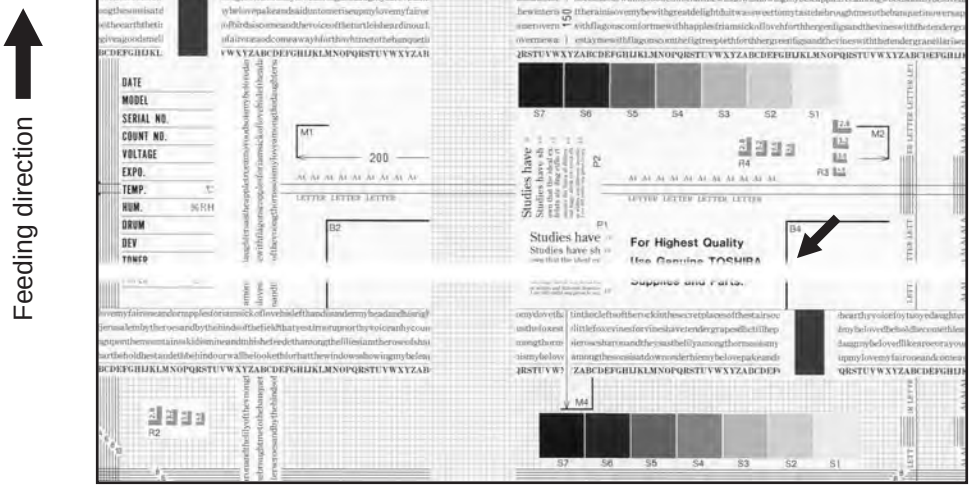

Fig.8-17

Cause/Section	Step	Check item	Measures
Main charger	1	Is the terminal contact poor?	Clean or adjust the terminals.
Drum	2	Is there any abnormalities on the drum surface?	Replace the drum.
	3	Is the drum grounded?	Check the contact of the grounding plate.
Discharge LED	4	Is the discharge LED lighting properly?	Replace the discharge LED or clean terminals.
Developer unit	5	Is the developer sleeve rotating correctly? Is there any abnormalities on the sleeve surface?	Check the developer drive system, or clean the sleeve surface.
	6	Is the connection of developer bias supply terminal normal?	Correct it.
Drive systems	7	Is the drum, scanner or transfer belt jittery?	Check each drive system.
High-voltage transformer (main charger needle electrode/grid, 1st/2nd transfer roller and developer bias)	8	Is the high-voltage transformer output defective?	Check/correct any electric leakage and related circuits. If the high-voltage transformer does not work, replace it.
Main charger	9	Is the charger grid dirty or deformed?	Clean or replace the charger grid.
Main charger	10	Is there foreign matter on the charger grid?	Remove foreign matter. Clean or replace the charger grid.

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8.5.14 Skew (slantwise copying)

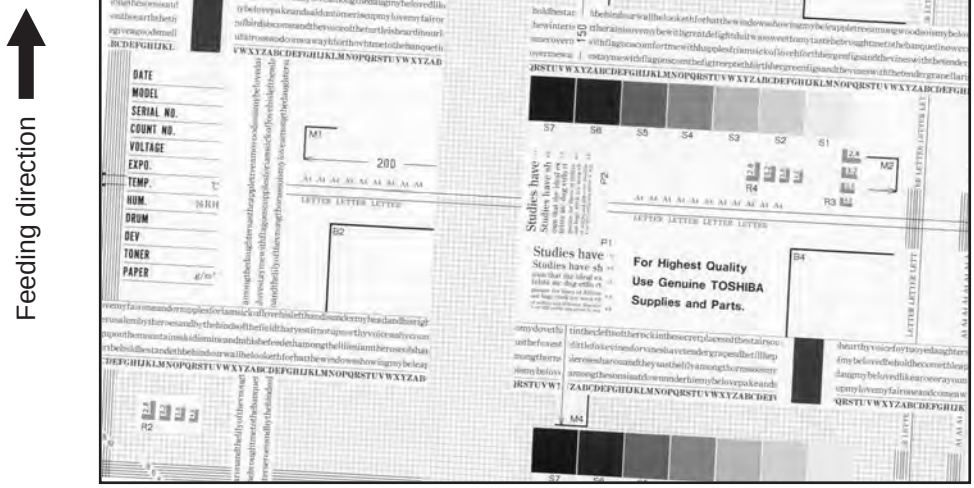

Fig.8-18

Cause/Section	Step	Check item	Measures
Drawer/LCF	1	Is the drawer or LCF properly installed?	Reinstall the drawer or LCF properly.
	2	Is too much paper loaded in the drawer or LCF?	Reload paper within the acceptable range of paper weight. <Acceptable paper weight> 1st, 2nd, 3rd and 4th drawers: 60.5 mm LCF: 137.8 mm x 2 places
	3	Is the paper corner folded?	Change the paper direction and reinsert it.
	4	Are the drawer or LCF side guides properly set?	Adjust the side guides.
Paper feed roller	5	Is the surface of paper feed roller dirty?	Clean the roller surface with alcohol, or replace the roller.
Rollers	6	Is each roller improperly fixed to the shaft?	Check E-rings, pins and clips.
2nd transfer roller	7	Install the roller by reversing its back and front sides.	Output and check the printed image.
Aligning amount	8	Is the aligning amount proper?	Increase or decrease the aligning amount.
Registration roller	9	Is the registration roller spring removed?	Mount the spring correctly. Clean the roller if it is dirty.
Registration guide	10	Is the registration guide improperly installed?	Correct it.
2nd transfer front guide	11	Is the 2nd transfer front guide installed properly?	Correct it.
RADF	12	Is the RADF installed and adjusted properly?	Reinstall and readjust it.

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Cause/Section	Step	Check item	Measures
Transfer unit	13	Is the transfer belt unit installed properly?	Correct it.

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8.5.15 Color banding (in feeding direction)

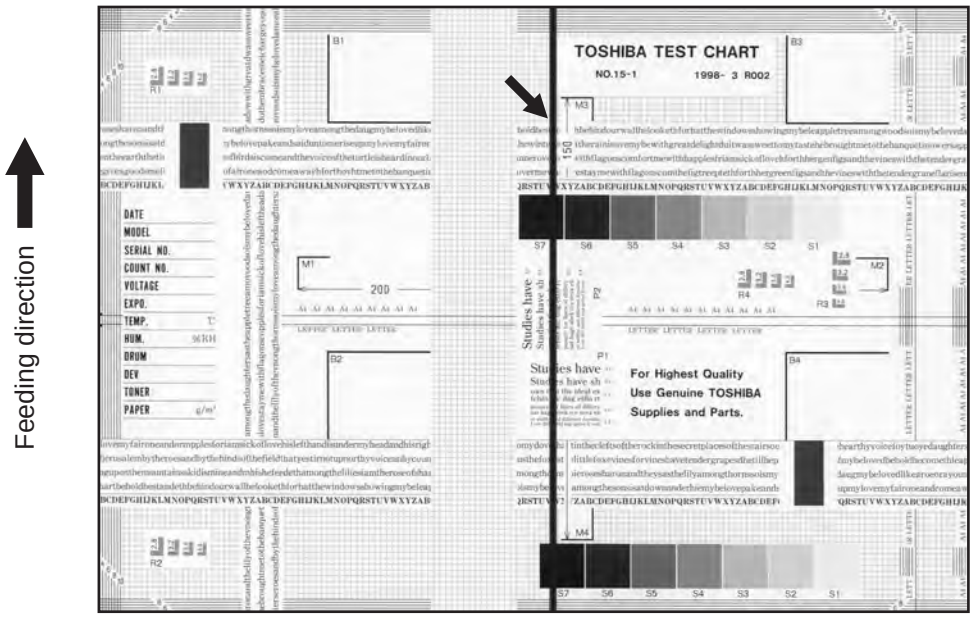

Fig.8-19

Cause/Section	Step	Check item	Measures
Scanner	1	Is there foreign matter in the optical path?	Clean the slit, lens and mirrors.
	2	Is there dust or stain on the shading correction plate or ADF original glass?	Clean it.
Main charger	3	Is there foreign matter on the charger grid?	Remove foreign matter.
	4	Is the charger grid dirty or deformed?	Clean or replace the charger grid.
	5	Is there foreign matter on the main charger?	Remove foreign matter.
	6	Is the needle electrode dirty or deformed?	Clean or replace the needle electrode.
	7	Is there foreign matter inside the charger case?	Remove foreign matter.
	8	Is the inner surface of charger case dirty?	Clean inside.
Drum cleaner	9	Is there any foreign matter on the drum cleaning blade edge?	Clean or replace the drum cleaning blade.
	10	Is toner recovery defective?	Clean the toner recovery auger section.

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Cause/Section	Step	Check item	Measures
Transfer unit	11	Are the harness or foreign matters in contact with the transfer belt surface?	Correct or remove them.
	12	Is there paper dust on the edge of transfer belt cleaning blade?	Clean or replace the transfer belt cleaning blade.
	13	Is the transfer belt cleaning blade in proper contact with the transfer belt?	Take off the transfer belt and check if the transfer belt cleaning blade pressure spring and the pressure hook are installed properly.
Fuser unit	14	a. Is there dirt or scratches on the fuser belt and pressure roller surface? b. Is the gap between the separation guide and fuser belt proper?	a. Clean or replace them. b. Correct the gap.
Drum	15	Are there scratches on the drum surface?	Replace the drum.
LED head	16	Is there foreign matter or dust on the LED head?	Clean the LED head.

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8.5.16 Color banding (at right angles to feeding direction)

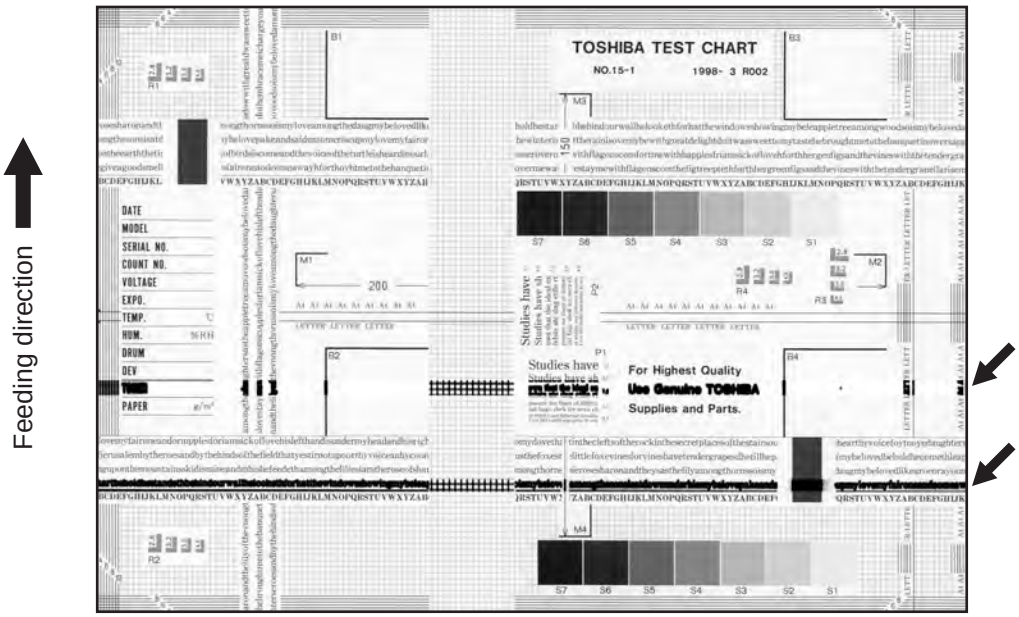

Fig.8-20

Cause/Section	Step	Check item	Measures
Main charger	1	Is the needle electrode dirty or deformed?	Clean or replace the needle electrode.
Fuser unit	2	Is the fuser belt or pressure roller dirty?	Clean them.
High-voltage transformer (main charger needle electrode/grid and transfer roller bias)	3	Is the high-voltage transformer output defective?	Check the circuit and replace the high-voltage transformer if not working.
	4	Is each joint of high-voltage output loosened? (Check if any electric leakage is causing noise.)	Reconnect each joint.
Drum	5	Is there deep scratch on the drum surface?	Replace the drum, especially if the scratch has reached the aluminum base.
	6	Are there fine scratches on the drum surface (drum pitting)?	Check and correct the contact of cleaning blade and recovery blade.
	7	Is the drum grounded?	Check the contact of the grounding plate.
2nd transfer roller	8	Is the 2nd transfer roller rotating normally?	Clean the roller area or replace the roller.
Scanner	9	Is there foreign matter on the carriage rail?	Remove foreign matter.
Main charger	10	Is the charger grid dirty or deformed?	Clean or replace the charger grid.
Main charger	11	Is there foreign matter on the charger grid?	Remove foreign matter. Clean or replace the charger grid.

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8.5.17 White spots

Fig.8-21

Cause/Section	Step	Check item	Measures
Developer unit/Toner cartridge	1	Is the toner density of developer material proper?	Check and correct the auto-toner sensor and toner supply operation. Check if the amount of toner is sufficient in the toner cartridge.
	2	Is the doctor-sleeve gap proper?	Adjust the gap.
Developer material/ Toner/Drum	3	Using the specified developer material, toner and drum?	Use the specified developer material, toner and drum.
	4	Have the developer material and drum reached their PM life?	Replace the developer material and drum.
	5	Is the storage environment of the toner cartridge 35oC or less without dew?	Use the toner cartridge stored in the environment within specification.
	6	Is there any dent on the surface of the drum?	Replace the drum.
	7	Is there any film forming on the drum?	Clean or replace the drum.
	8	Is the drum bedewed?	Wipe the drum surface with a piece of dry cloth.
Transfer unit	9	Is there foreign matter on the transfer belt surface?	Remove foreign matter.
	10	Is there foreign matter on the transfer belt 2nd transfer facing roller?	Clean the transfer belt unit.
Main charger	11	Is there foreign matter on the charger?	Remove it.
	12	Is the needle electrode dirty or deformed?	Clean or replace the needle electrode.

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Cause/Section	Step	Check item	Measures
High-voltage transformer (main charger needle electrode/grid, developer 1st/ 2nd transfer roller bias)	13	Is the high-voltage transformer output defective?	Adjust the output.
Paper	14	Is the paper type corresponding to its mode?	Use the proper type of paper or select the proper mode.

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8.5.18 Poor transfer

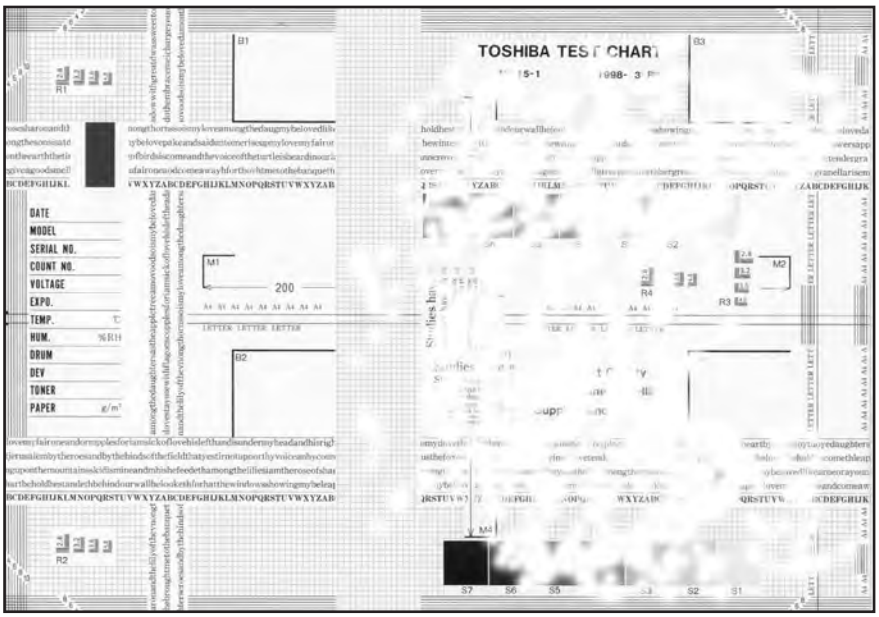

Fig.8-22

Cause/Section	Step	Check item	Measures
Transfer unit	1	Is the transfer belt or 1st/2nd transfer rollers dirty?	Clean it.
	2	Is the transfer belt in proper contact with the drum?	Correct it.
	3	Is the 2nd transfer roller in proper contact with the transfer belt?	Correct it.
	4	Is there any deformation or abnormalities on the transfer belt?	Replace the belt.
	5	Is the 2nd transfer facing roller dirty?	Clean the roller and replace the cleaning pad.
Paper	6	Is the high-voltage fed to the 2nd transfer roller correctly?	If any contact failure occurs in the feeding area (e.g. the conductive bushing and spring come off), correct it.
	7	Is paper in the drawer or LCF curled?	Reinsert paper with reverse side up or change paper.
	8	Is paper in the drawer or LCF damp?	Change paper. * Avoid storing paper in damp place.
Registration roller	9	Is the registration roller malfunctioning?	Clean the roller, remount the spring, or replace defective motor-related parts.
Aligning amount	10	Is the aligning amount proper?	Decrease the aligning amount

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Cause/Section	Step	Check item	Measures
High-voltage transformer (1st/2nd transfer roller bias)	11	Is the high-voltage transformer output defective?	Check the circuit and adjust the transformer output.
	12	Are the high-voltage harness and terminals in proper contact?	Correct them if loosened.

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8.5.19 Uneven image density 1 (in feeding direction)

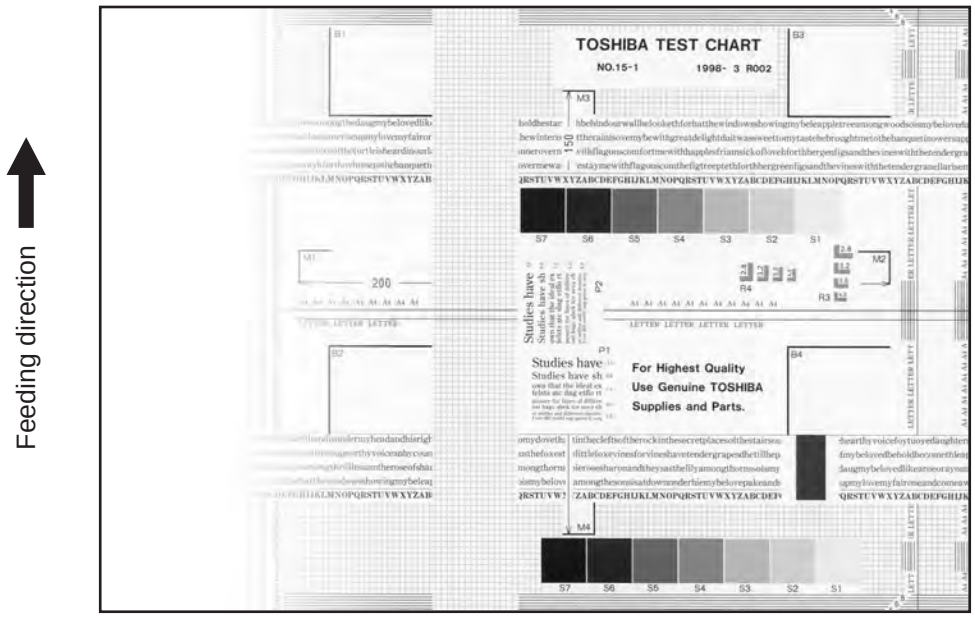

Fig.8-23

Cause/Section	Step	Check item	Measures
Main charger	1	Is the main charger dirty?	Clean it or replace the needle electrode.
Transfer unit	2	Is the transfer belt or 1st/2nd transfer rollers dirty?	Clean the belt.
	3	Is the transfer belt in proper contact with the drum?	Correct it.
	4	Is 2nd transfer roller in proper contact with the transfer belt? (Is the roller tilted?)	Open and close the jam access cover. Check if there is any abnormality in the movement of the 2nd transfer roller pressure mechanism.
	5	Is there any abnormalities or deformation on the transfer belt?	Replace the transfer belt.
LED head	6	Is there foreign matter or dust on the LED head?	Clean the LED head
Discharge LED	7	Is the discharge LED dirty?	Clean it.
	8	Has any LED of discharge LED gone out?	Replace it.
Developer unit	9	Is the magnetic brush in proper contact with the drum?	Adjust the doctor-sleeve gap.
	10	Is the developer unit pressure spring applying properly?	Check the pressure spring.
	11	Is the transport of developer material poor?	Remove foreign matter if any.
	12	Is Kapton tape peeled off or deformed?	Attach new Kapton tape.

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Cause/Section	Step	Check item	Measures
Scanner section	13	a. Is the platen cover or RADF open? b. Is the original glass, mirrors, or lens dirty?	a. Close the platen cover or RADF. b. Clean them.
Dram cleaner unit	14	Is there any abnormalities or deformation on the gap spacer?	Replace the gap spacer.

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8.5.20 Uneven image density 1 (at right angles to feeding direction)

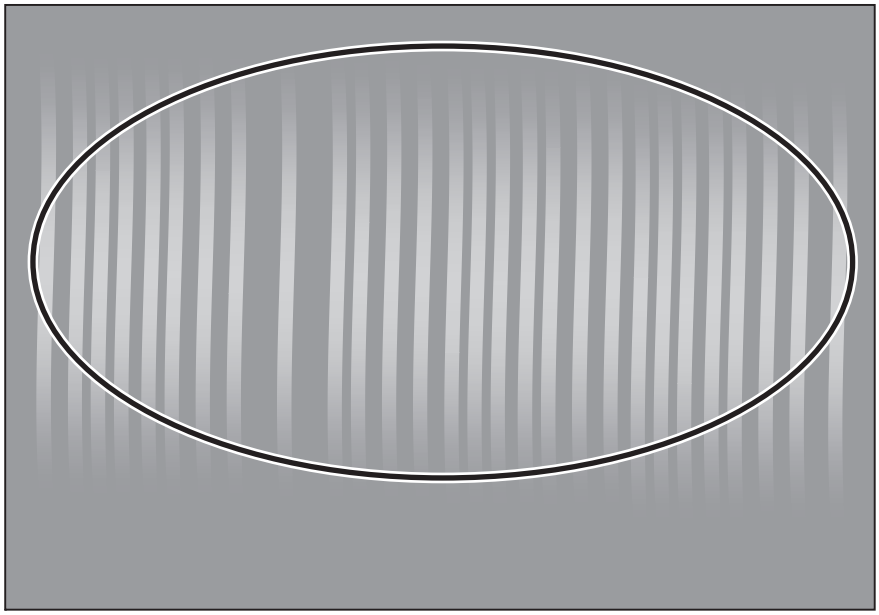

Fig.8-24

Cause/Section	Step	Check item	Measures
Developer unit	1	Is the magnetic brush in proper contact with the drum?	Adjust the doctor sleeve gap.

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8.5.21 Uneven image density 2

Feeding direction

Fig.8-25

Feeding direction

Fig.8-26

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Cause/Section	Step	Check item	Measures
Developer unit	1	Is the layer of the developer material on the developer sleeve where the density is uneven thin or lacking?	• Remove the foreign matter in the developer unit.See "2. Removal of foreign matter in the developer unit" in 🕮 P. 7-23 "7.6.8 Developer unit (K, Y, M, and C)". • Clean the developer unit.See "1. Cleaning" in 🕮 P. 7-23 "7.6.8 Developer unit (K, Y, M, and C)".
	2	Does uneven image density occur again?	See work flow diagram in 🕮 P. 7-12 "7.5 Work flow of parts replacement".

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8.5.22 Faded image (low density)

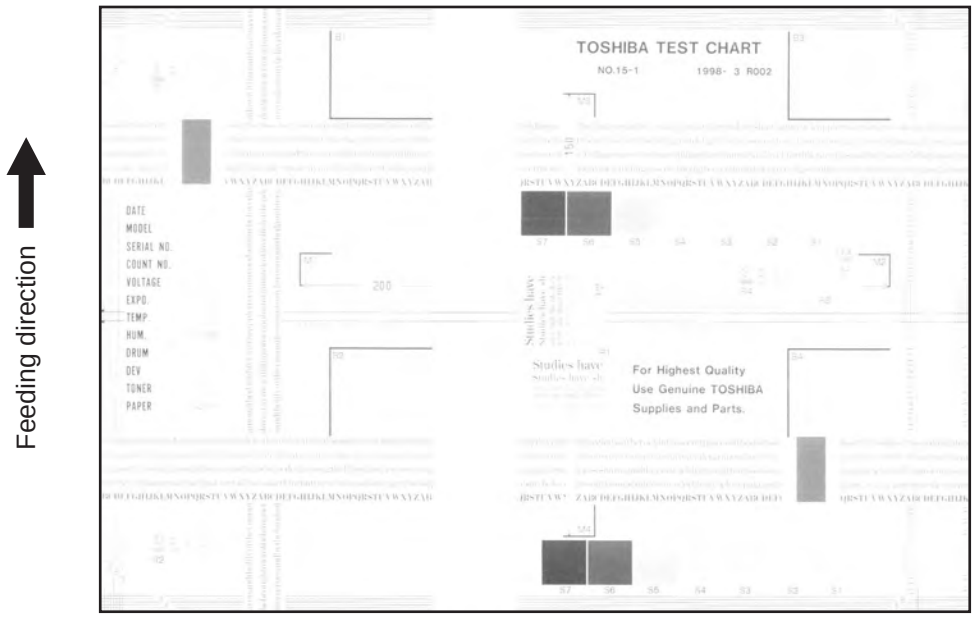

Fig.8-27

Cause/Section	Step	Check item	Measures
Toner empty Auto-toner circuit	1	Is the “ADD TONER” symbol blinking?	Replace the toner cartridge.
	2	Is there enough toner in the cartridge?	Check the auto-toner circuit function.
	3	Is the toner density of developer material too low?	
Toner motor	4	Is the toner motor malfunctioning?	Check the motor drive circuit.
Toner cartridge	5	Are there any abnormalities in the toner cartridge?	Replace the toner cartridge.
Developer material	6	Has the developer material reached its PM life?	Replace developer material.
Developer unit	7	Is the magnetic brush in proper contact with the drum?	Check the developer unit installation. Check the doctor-sleeve gap and pole position.
Main charger	8	Is the main charger dirty?	Clean it or replace the needle electrode.
Drum	9	Is there film forming on the drum surface?	Clean or replace the drum.
	10	Has the drum reached its PM life?	Replace the drum.
Transfer unit	11	Has the transfer belt, 1st or 2nd transfer roller reached its PM life?	Replace the transfer belt, 1st or 2nd transfer roller.
High-voltage transformer (developer bias)	12	Is the high-voltage transformer output settings improper?	Adjust the high-voltage transformer output.
	13	Are the connector of the high-voltage harness securely connected? Is the harness open circuited?	Reconnect the harness securely. Replace the high-voltage harness.

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8.5.23 Image dislocation in feeding direction

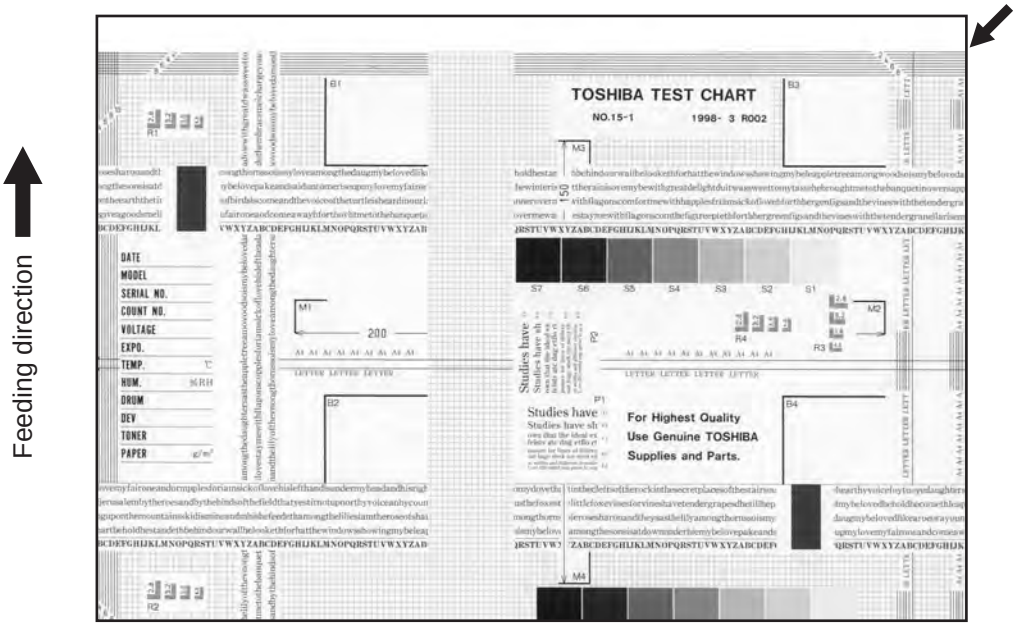

Fig.8-28

Cause/Section	Step	Check item	Measures
Adjustment error of scanner or printer section	1	Is same dislocation on every copy?	Adjust the scanner/printer using the Adjustment Mode.
Registration roller	2	Is the registration roller dirty, or is the spring removed?	Clean the roller with alcohol. Reinstall the spring.
	3	Is the registration motor malfunctioning?	Adjust or replace the gears, etc. if they are not engaged properly.
	4	Is the registration motor operating normally? (Is the timing of operation delaying?)	Replace the registration motor.
Paper feed clutch	5	Is the paper feed clutch malfunctioning?	Check the circuit or the clutch and replace them if necessary.
Aligning amount	6	Is the aligning amount proper?	Increase or decrease the aligning amount.
Paper pushing amount	7	Is the paper pushing amount proper?	Increase or decrease the paper pushing amount.
Each roller	8	Are the roller and shaft not fixed securely?	Check the E-ring, pin and clip.
	9	Is the roller surface dirty?	Clean the roller surface with alcohol or replace it.
Registration guide	10	Is the registration guide improperly installed?	Reinstall the guide.

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8.5.24 Image jittering

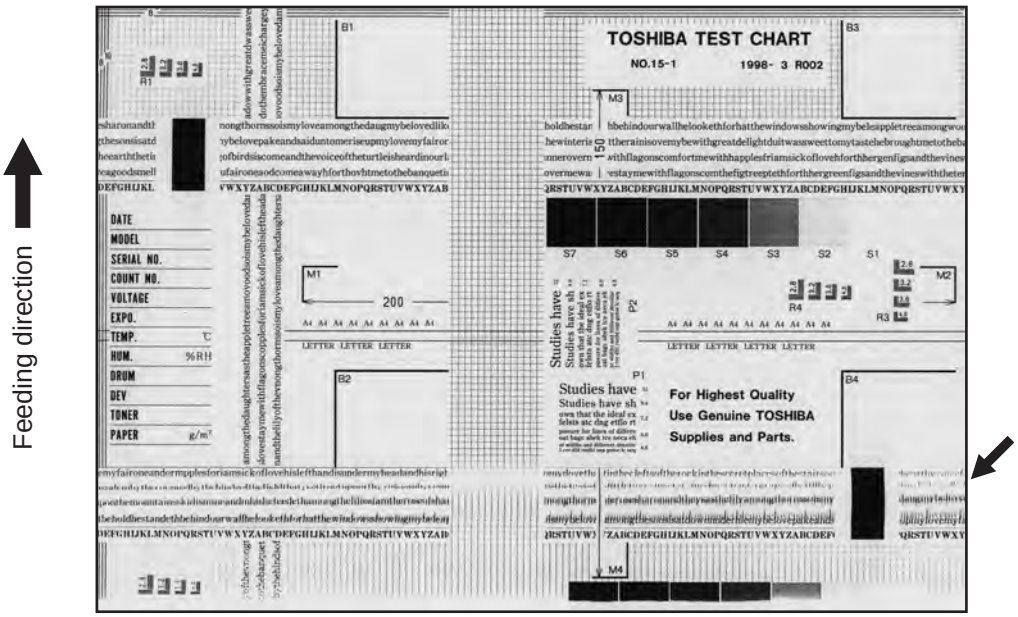

Fig.8-29

Cause/Section	Step	Check item	Measures
-	1	Is the toner image on the drum proper?	If proper, perform step 1 to 3; otherwise perform step 4 and after.
Registration roller	2	Is the registration roller rotating normally?	Check the registration roller section and its springs.
Transfer unit	3	Is the transfer belt or 2nd transfer roller operating normally?	Check the drive system and replace the transfer belt or 2nd transfer roller if necessary.
Fuser unit	4	Are the fuser belt and pressure roller rotation proper? Is the fuser belt transportation proper?	Check the drive system. Replace the fuser belt and pressure roller if necessary.
Drum	5	Is there large scratch on the drum?	Replace the drum.
Scanner	6	Is the slide sheet defective?	Replace it.
	7	Are there any abnormalities on the carriage feet?	Replace the feet.
	8	Is the tension of timing belt inappropriate?	Correct the tension.
	9	Is the carriage drive system malfunctioning?	Check the carriage drive system.
	10	Are any mirrors loosely installed?	Install them properly.
Drum drive system	11	Is the drum drive system malfunctioning?	Check the drum drive system. Clean or replace the belts, pulleys, bushings if they have dirt or scratches.

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8.5.25 Poor cleaning

Notes:

Poor cleaning may occur in feeding direction.

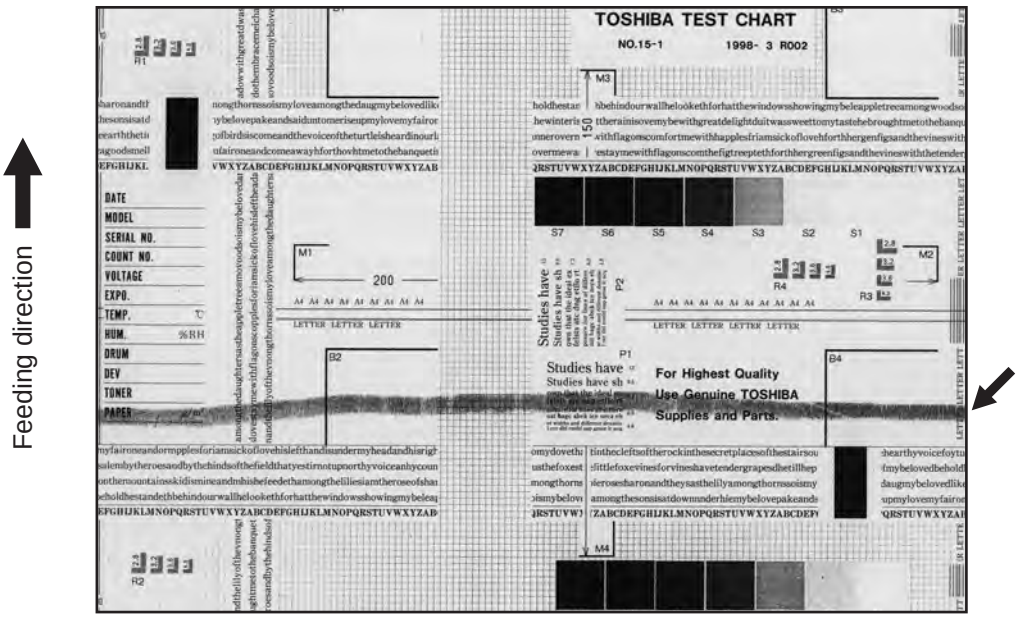

Fig.8-30

Cause/Section	Step	Check item	Measures
Developer material	1	Is the specified developer material used?	Use the specified developer material and toner.
Drum cleaner	2	Is there dust on the drum cleaning blade edge?	Clean or replace it.
	3	Is the drum cleaning blade peeled?	Replace the blade.
Transfer belt cleaner	4	Is there paper dust on the edge of transfer belt cleaning blade?	Clean or replace it.
	5	Is the transfer belt cleaning blade peeled?	Replace the blade.
	6	Is the transfer belt cleaning blade in proper contact with the transfer belt?	Take off the transfer belt and check if the transfer belt cleaning blade pressure spring and the pressure hook are installed properly.
Toner recovery auger	7	Is the toner recovery defective?	Clean the toner recovery auger. Check the cleaning blade pressure.

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Cause/Section	Step	Check item	Measures
Fuser unit	8	Is there any bubble-like defect on the fuser belt (approx. 94 mm pitch on the image)?	Replace the fuser belt. Check and modify the IH drive circuit.
	9	Have the fuser belt and pressure roller reached their PM life?	Replace them.
	10	Is the pressure between the fuser belt and pressure roller proper?	Check and adjust the pressure mechanism.
	11	Is the temperature of fuser belt proper?	Check/correct the setting value of fuser belt temperature. Clean or replace the thermistors. Check and correct the circuit.

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8.5.26 Uneven light distribution

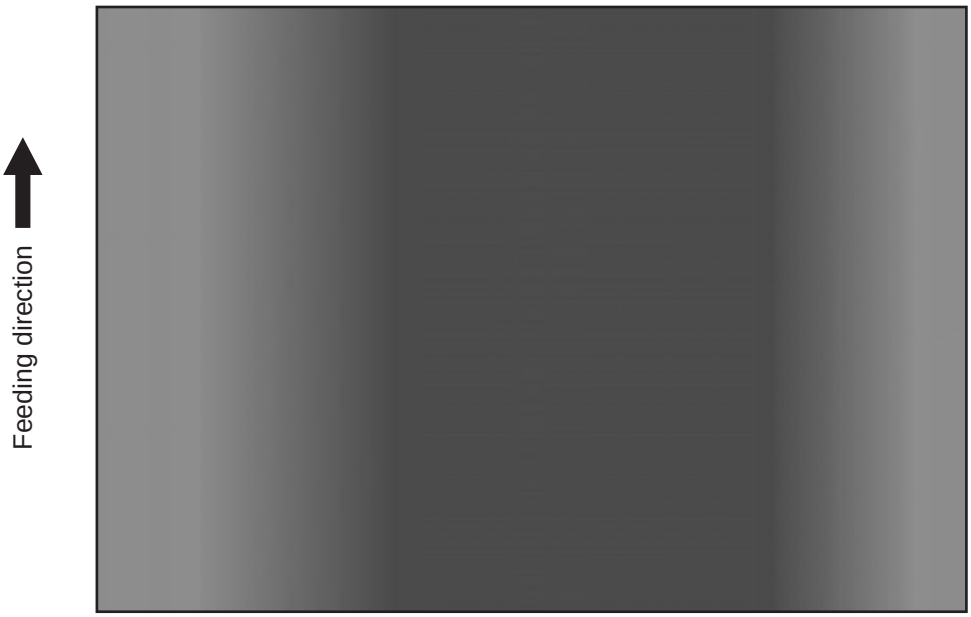

Fig.8-31

Cause/Section	Step	Check item	Measures
Original glass	1	Is the original glass dirty?	Clean the glass.
Main charger	2	Are the needle electrode, grid and case dirty?	Clean or replace them.
Discharge LED	3	Is the discharge LED dirty?	Clean it.
Scanner exposure lamp	4	Are the reflector, exposure lamp, mirrors, lens, etc. dirty?	Clean them.
	5	Is the exposure lamp tilted?	Adjust the installed position of the lamp.
	6	Is the lamp discolored or degraded?	Replace it.

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8.5.27 Blotched image

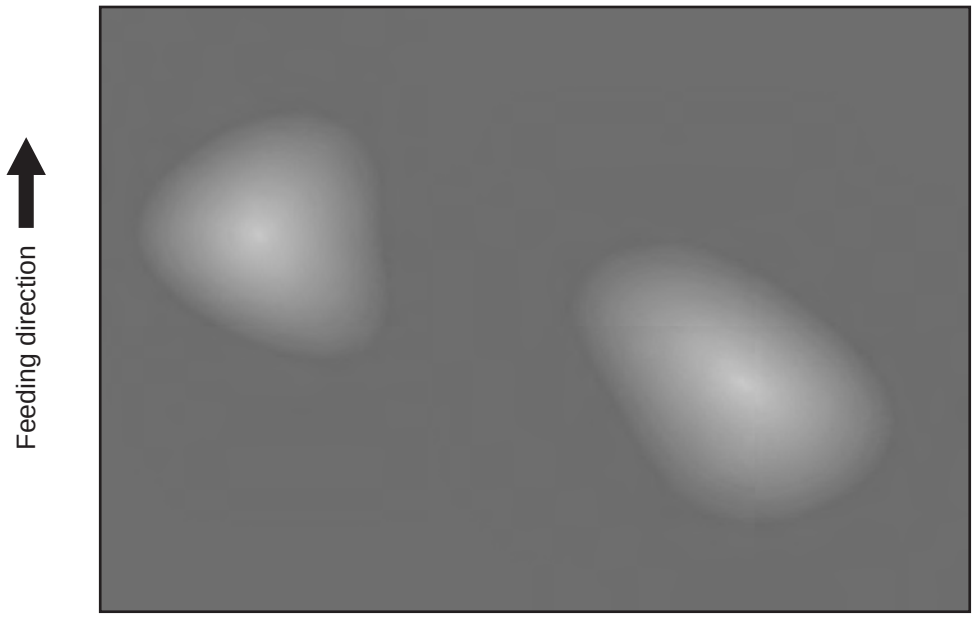

Fig.8-32

Cause/Section	Step	Check item	Measures
Paper	1	Is the paper type corresponding to its mode?	Check the paper type and mode.
	2	Is paper too dry?	Change paper.
Transfer unit	3	Is the transfer belt in proper contact with the drum?	Contact and release the transfer belt unit several times with the TBU release lever. Check that the 1st transfer roller is rotated smoothly upward and downward.
	4	Is the 2nd transfer roller in proper contact with the transfer belt?	Open and close the jam access cover. Check if there is any abnormality in the movement of the 2nd transfer roller pressure mechanism.
	5	Are there any abnormalities on the transfer belt?	Clean or replace the transfer belt.
High-voltage transformer (1st/2nd transfer roller bias)	6	Is the high-voltage transformer output abnormal?	Adjust the output. Replace the transformer, if necessary.

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8.5.28 Stain on the paper back side

Feeding direction

Printing side of 1st page

The edge of image cut off.

Feeding direction

Back side of 2nd page

Fig.8-33

8

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Cause/Section	Step	Check item	Measures
Image adjustment/ setting	1	Is the margin adjustment of image correct?	Adjust the margin.
	2	Is the margin adjustment of image correct when the paper size is not selected in bypass feeding?	Adjust the margin.
	3	Is the margin adjustment of image at duplexing correct?	Adjust the margin. (05-4064)
	4	Is the image location in primary/ secondary scanning direction correct?	Adjust the location.
	5	Is the reproduction ratio of image in primary/secondary scanning direction correct?	Adjust the reproduction ratio.
	6	Is the tab setting correct?	Correct the setting.
Paper feeding /Transport area	7	Does the size of paper in the drawer or LCF correspond to the setting?	Use the appropriate paper size or correct the size setting.
	8	Is the width between the slides in the drawer correct (too wide)?	Correct the position of the slides.
	9	Is the width between the slides of the bypass tray correct (too wide)?	Correct the width.
	10	Is the paper aligning amount sufficient?	Adjust the aligning amount.
	11	Are the feed roller and transport roller dirty or worn out?	Clean or replace the rollers.
	12	Does the paper mode correspond to the paper type?	Use the appropriate paper type or paper mode.
	13	Using the recommended paper?	Use the recommended paper.
Transfer unit	14	Is there any stain caused by a poor cleaning, etc. on the transfer belt?	Clean the transfer belt.
	15	Is the transfer belt cleaning blade in proper contact with the transfer belt?	Take off the transfer belt and check if the transfer belt cleaning blade pressure spring and the pressure hook are installed properly.
	16	Is the 2nd transfer roller rotating properly?	Clean the area around the roller. Otherwise replace the roller.
	17	Is there any foreign matter or stain on the 2nd transfer roller?	Clean or replace the roller.
	18	Has the 2nd transfer roller reached to its PM life?	Replace the 2nd transfer roller.
Fuser unit	19	Are the fuser belt and pressure roller dirty?	Clean the fuser belt and pressure roller.
	20	Is the separation finger dirty?	Clean the separation finger.
	21	Is the rib of transport guide dirty?	Clean the rib.

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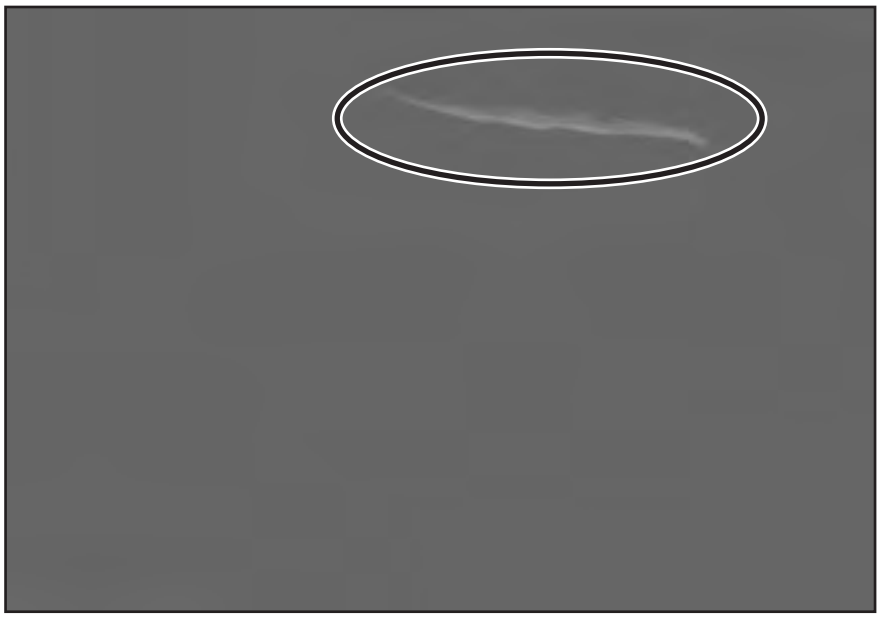
8.5.29 White void in the halftone



Feeding direction

Fig.8-34

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Cause/Section	Step	Check item	Measures
Fuser unit	1	Installed position of the fuser unit	Loosen the 1 screw [1] on the fuser unit guide rail (front). Remove 1 screw [2]. Change its position to the adjustment hole [3] and move the fuser unit guide rail (front) up or down (one step). (Fig.8-35) * There is a 1-mm scale [4].
	2	The installation position of the fuser unit paper entrance guide	Following are the adjustment procedure of the fuser unit paper inlet guide. (Fig.8-36) **Notes:** • Confirm the positions of the screws before removing the inlet guide. • Check if the inlet guide is attached horizontally by checking the scales for the inlet guide. (1) Take off the fuser unit. (2) Remove the 2 screws of the paper entrance guide [1], and then secure them to the holes next to the original ones. (3) Vertically move the paper entrance guide to the upper direction of the figure so that it is separated by approx. 0.5 mm from the fuser belt. (4) In the condition of step (3), check whether white void occurs or not. (5) If white void still persists, move the paper entrance guide by 0.1 to 0.2 mm to upward or downward. **Notes:** 1. Be careful not to move the paper entrance guide too much, for this could cause paper wrinkling. 2. If paper wrinkling does occur, return the position of the paper entrance guide to the condition of step (3).

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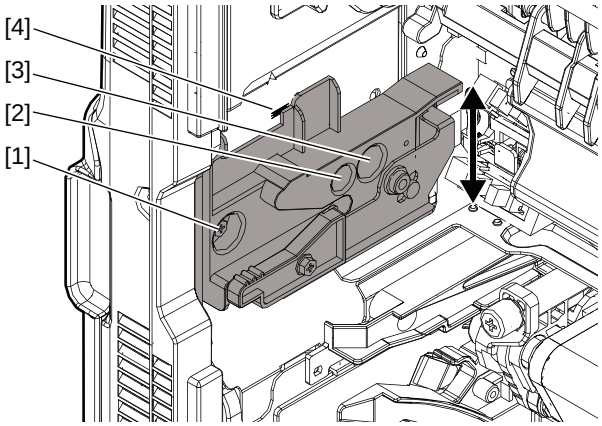

Fig.8-35

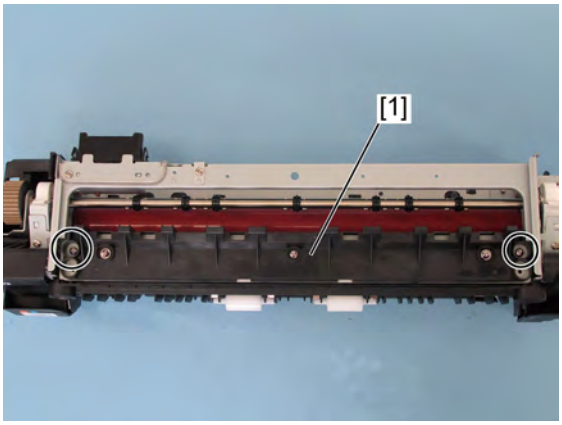

Fig.8-36

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8.5.30 Paper wrinkle

There are 2 locations where the paper wrinkle occurs: before the fusing stage and in the fuser unit
See below to determine the case.

Smooth out the wrinkled paper. When there is no image in the wrinkled area
→See (1) “Paper wrinkle before fusing”.

Smooth out the wrinkled paper. When there is a copied image in the wrinkled area
→See (2) “Paper wrinkle in the fuser unit”.

(1) Paper wrinkle before fusing

Is paper properly set?
| NO → Set paper properly.
↓
YES
Is there any abnormality such as scratch or wear on the transport roller?
| YES Replace the transport roller.
↓ →
NO
Is flexible paper such as recycled paper used?
| YES Switch to the recycled paper mode.
| → (Select “RECYCLED PAPER” in MEDIA TYPE.)
↓ If the paper wrinkle still appears, proceed to NO.
NO

1. Increase or decrease the adjustment value for the paper alignment.
   (📖 P. 6-8 "6.1.6 Paper alignment at the registration roller")
2. Increase the transport motor speed. (Adjust it at the code 05-4532.)

(2) Paper wrinkle in the fuser unit

Is the paper properly set?
| NO → Set the paper properly.
↓
YES
Has the paper absorbed moisture?
| YES → Use paper that has not absorbed moisture.
↓
NO
Is flexible paper such as recycled paper used?
| YES → Switch to the recycled paper mode.
| (Select “RECYCLED PAPER” in MEDIA TYPE.)
↓ If the paper wrinkle still appears, proceed to NO.
NO

1. Adjust the installed position of the fuser unit up or down
   and check if the paper wrinkle disappears. (📖 P. 8-323 "8.5.29 White void in the halftone")
2. Adjust the inlet guide[1] of the fuser unit and check if the paper wrinkle disappears. (Fig.8-37)
   Notes:
   - Confirm the positions of the screws before removing the inlet guide.
   - Check if the inlet guide is attached horizontally by checking the scales for the inlet guide.

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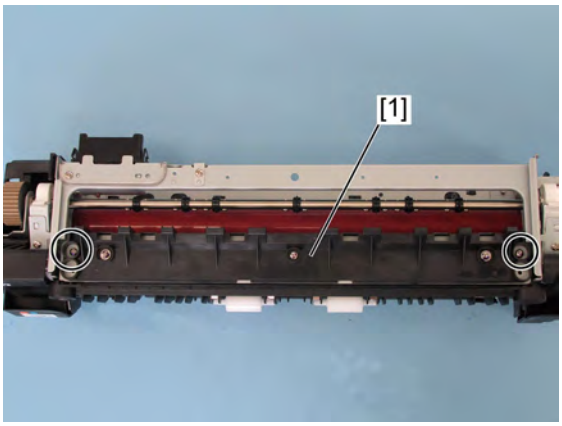

Fig.8-37

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8.5.31 Staining at the leading/trailing edge

Staining may occur at the leading/trailing edge of the paper.
If a large amount of printing is carried out, staining may be seen as streaks as shown below.

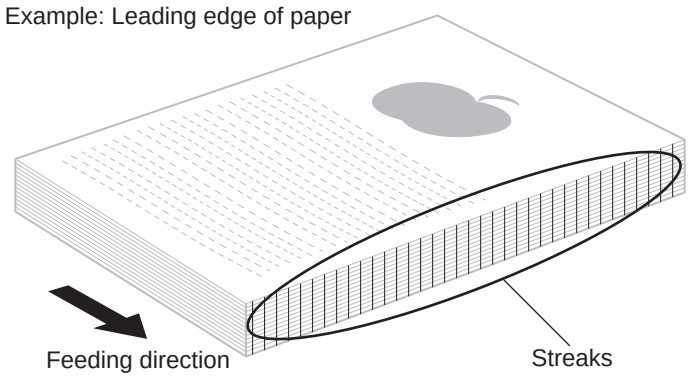

Fig.8-38

Cause/Section	Step	Check item	Measures
2nd transfer unit	1	Is there any toner adhering to the ribs of the transfer guide?	Clean the ribs of the transfer guide.
Image quality control unit	2	Is there any toner adhering to the ribs of the transfer guide?	Clean the ribs of the transfer guide.

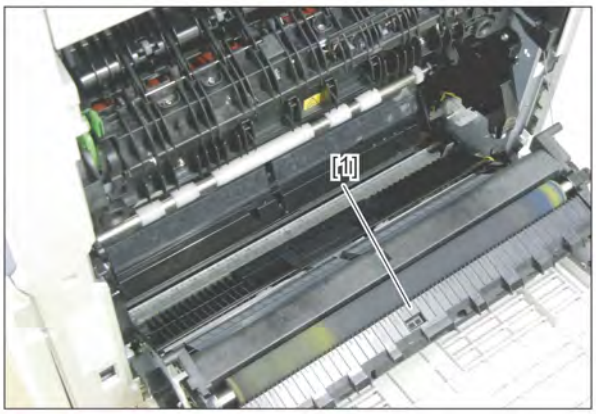

Fig.8-39

Notes:
Clean them with a soft pad, cloth or electric vacuum cleaner.

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8.5.32 Faint image

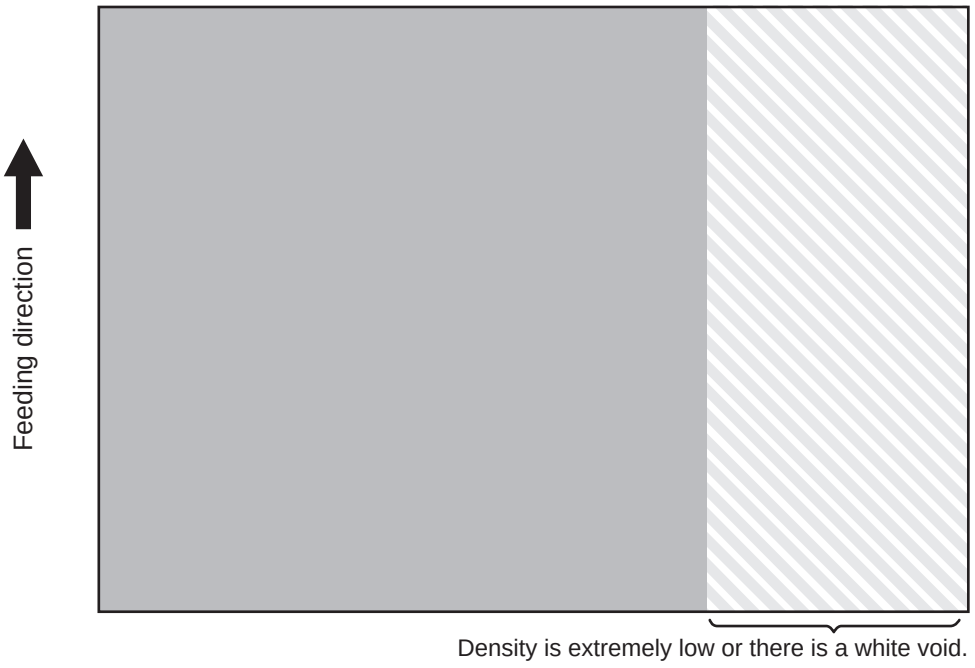

Fig.8-40

* Checking is easier with a halftone (Y) test chart.

Cause/Section	Step	Check item	Measures
Transfer belt unit (TBU)	1	Are the drum and the transfer belt contacted?	Contact and release the transfer belt unit several times with the TBU release lever. Check that the 1st transfer roller is rotated smoothly upward and downward.
Process unit (EPU)	3	Is the contact between the drum and developer material proper?	Check the doctor-to-sleeve gap and pole position.
LED head	4	Is there foreign matter or dust on the LED head?	Clean the LED head.
	5	Is the problem resolved if you replace the LED head?	Replace the LED head.
Transfer unit (TRU)	6	Is 2nd transfer roller in proper contact with the transfer belt? (Is the roller tilted?)	Open and close the jam access cover. Check if there is any abnormality in the movement of the 2nd transfer roller pressure mechanism.

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8.5.33 Toner scattering

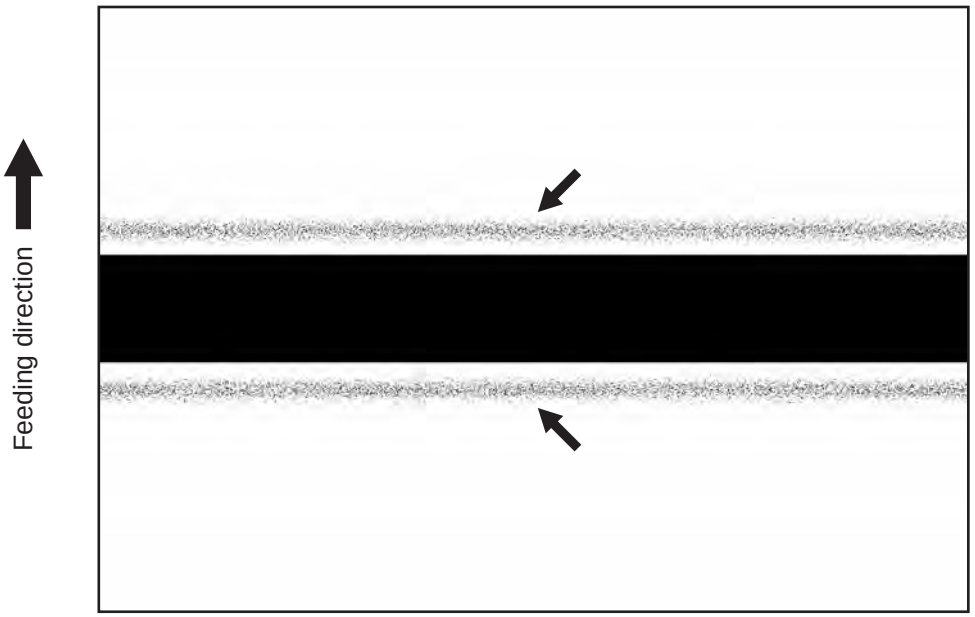

Fig.8-41

Cause/Section	Step	Check Item	Measure	Remark
2nd transfer output	1	<Thick paper> Is toner scattered on the image on the back side of the paper in duplex printing when it is fed from the bypass tray?	Select [BACK] for the paper type setting and then copy the back side of the paper.	
	2	<Plain paper> Is toner scattered on the image on the back side of the paper in duplex printing when it is fed from the bypass tray?	Perform automatic duplex copying with the Automatic Duplexing Unit (ADU).	This problem may occur when the paper is dry under a low humidity environment.If plain paper is used, [BACK] and bypass feeding cannot be selected together. In this case, use the ADU or select [RECYCLED PAPER].
			If the ADU is not available, select [RECYCLED PAPER] for the paper type setting and then copy the back side of the paper.	
			If the problem is not resolved, adjust the transfer output for recycled paper and then copy the back side of the paper by selecting [RECYCLED PAPER].	

Remarks:

- To select a paper type, refer to the Copying Guide.
- To set 2nd transfer output, refer to the Imaging Manual [1.3].

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- The larger the setting value is, the higher the transfer voltage becomes and the less toner scattering occurs.

Paper type			[05] code	Sub code	Recommended setting value	Acceptable values	Default
Full color	Front side	Recycled paper	05-2934	7	6~8	0~10	5
Full color	Front side	Recycled paper	05-2934	7	6~8	0~10	5

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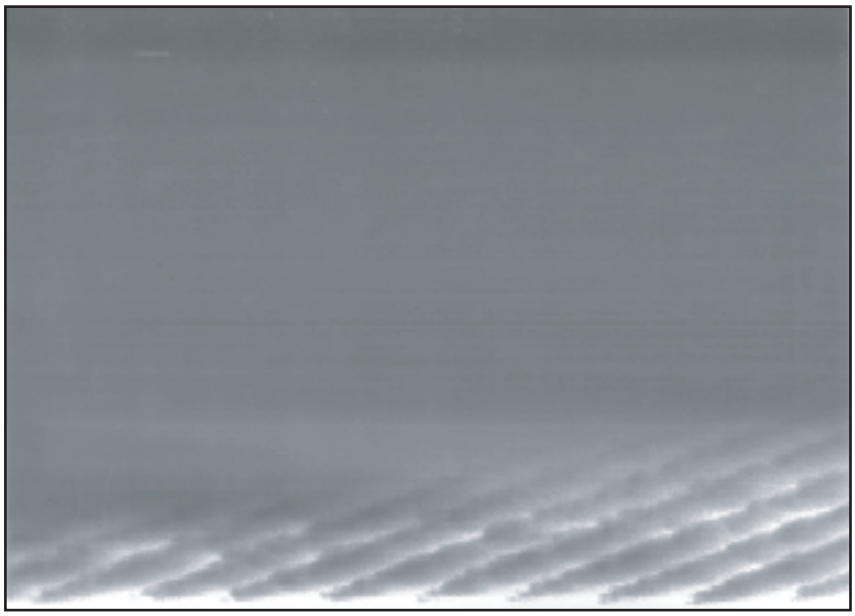
8.5.34 Feathered image



Feeding direction

Fig.8-42

Cause/Section	Step	Check Item	Measure
Developer unit	1	Pole position adjustment plate	Adjust the pole position adjustment plate. (Fig.8-43) 1. Record or mark the scale position [2] indicated by the pole position adjustment plate [1]. 2. Remove 1 screw [3] and take off the pole position adjustment plate [1]. 3. Cut out the pin [4] fixing the pole position adjustment plate. 4. Turn the pole position adjustment plate [1] counterclockwise (in the direction of the black arrow) by 3 scales.

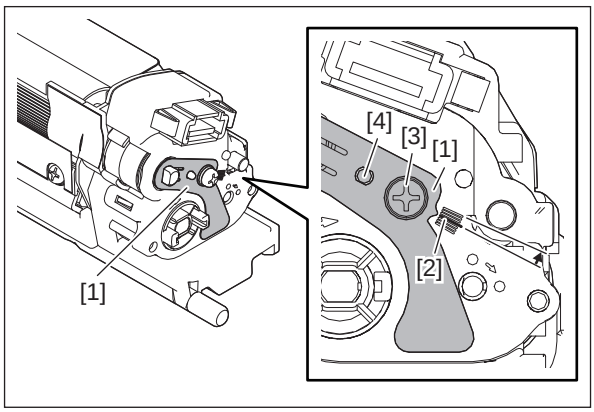


Fig.8-43

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Notes:

- Check the image after the pole position is adjusted.

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8.5.35 Image Skewing on Paper Trailing Edge

When a grid pattern is output, follow the procedure below if the image on the paper trailing edge is skewed by 1.0 mm or more.

[A] The rear side in the secondary scanning direction is longer than the front side. (Front < Rear)

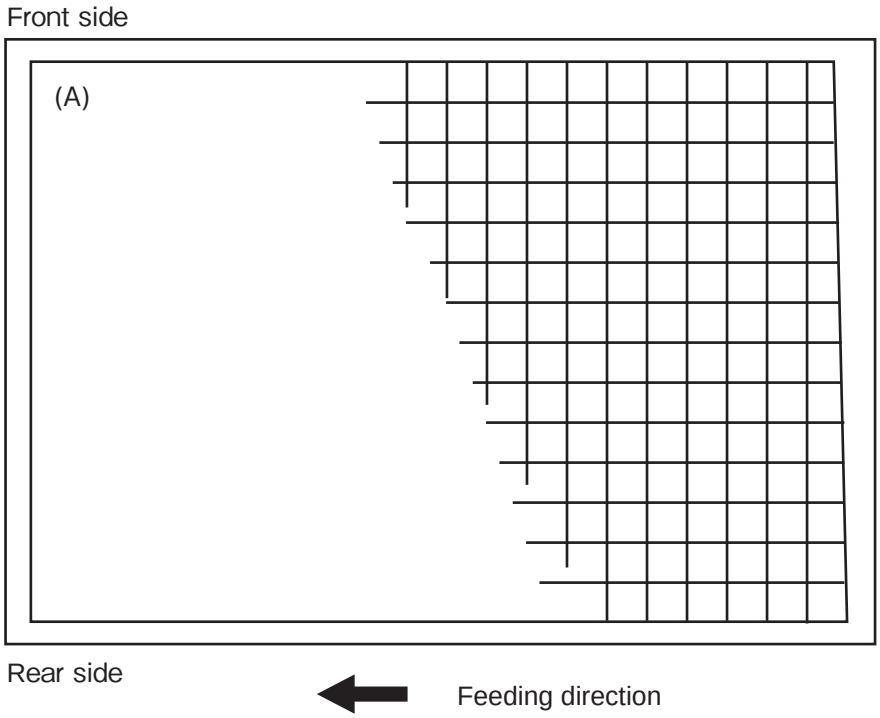

Fig.8-44

Cause/Section	Step	Check Item	Measure
Fuser unit	1	Fuser unit guide rail	Adjust the fuser unit guide rail (Fig.8-45) 1. Take off the fuser unit. 2. Loosen the 1 screw [1] of the front guide rail in the fuser unit. 3. Remove 1 screw [2] and attach it to the screw hole for adjustment [3]. 4. Move the guide rail upward by 1 mm. - Moving it by 1 mm changes the screw in the trailing edge by 0.65 mm. - There is 0.5-mm scale [4]. 5. Tighten the 1 screw [1] of the front guide rail in the fuser unit. 6. Install the fuser unit. - Check that the image on the paper trailing edge is skewed by 1 mm or less after the adjustment.

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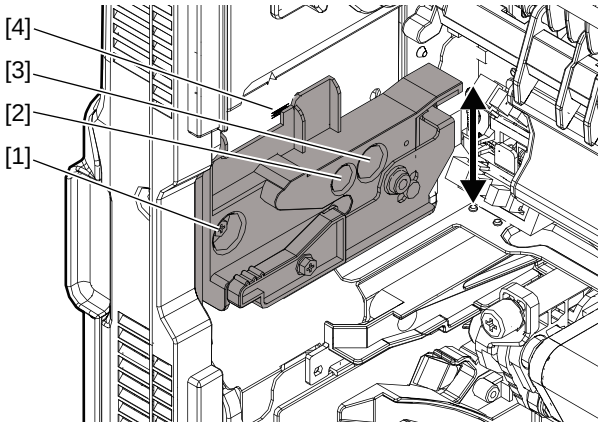

Fig.8-45

[B] The front side in the secondary scanning direction is longer than the rear side. (Front > Rear)

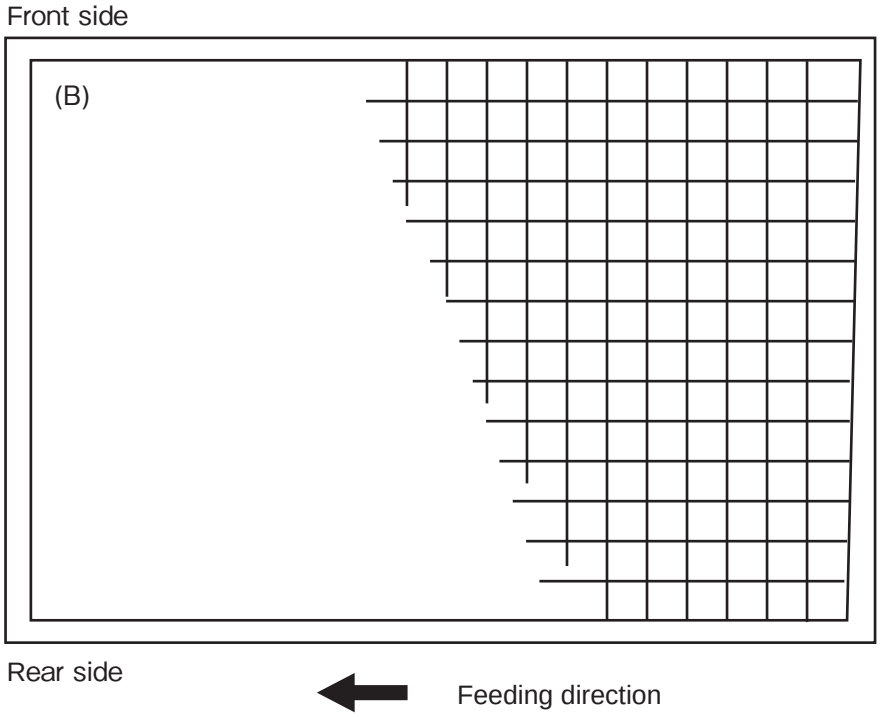

Fig.8-46

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Cause/Section	Step	Check Item	Measure
Fuser unit	1	Fuser unit guide rail	Adjust the fuser unit guide rail (Fig.8-47) 1. Take off the fuser unit. 2. Loosen the 1 screw [1] of the front guide rail in the fuser unit. 3. Remove 1 screw [2] and attach it to the screw hole for adjustment [3]. 4. Move the guide rail downward by 1 mm. - Moving it by 1 mm changes the screw in the trailing edge by 0.65 mm. - There is 0.5-mm scale [4]. 5. Tighten the 1 screw [1] of the front guide rail in the fuser unit. 6. Install the fuser unit. - Check that the image on the paper trailing edge is skewed by 1 mm or less after the adjustment.

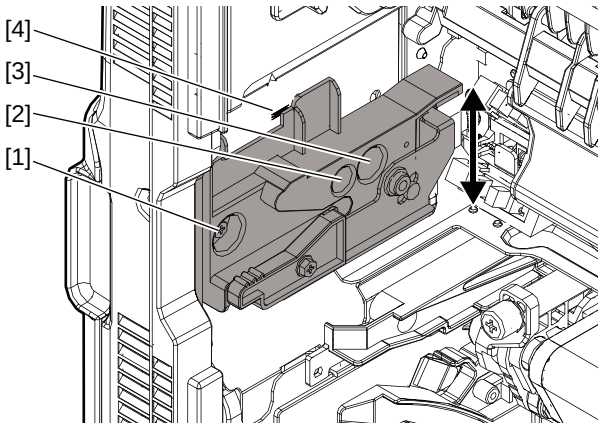

Fig.8-47

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8.5.36 Staining on both sides of paper

The streaks may appear on both sides of paper when printing the wide-sized paper (SRA3/320 x 450 mm, 320 x 460 mm).

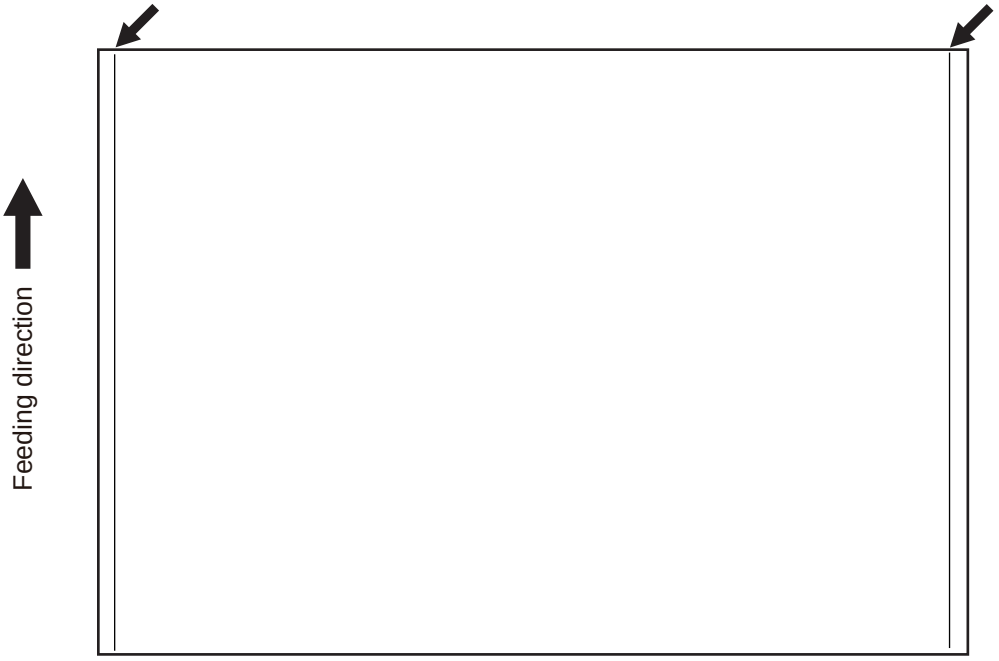

Fig.8-48

Cause/Section	Step	Check item	Measures
Transfer belt unit	1	Are there any stains on both sides of the transfer belt?	Clean both sides of the transfer belt with alcohol. (Approx. 10 mm from the edge)
	2		Replace the blade seals of the transfer belt cleaning unit.

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8.5.37 Roller trace

Fig.8-49

Cause/Section	Step	Check item	Measures
Lower paper exit roller (upper/lower roller)	1	Is the surface of the lower paper exit roller stained?	Clean the upper/lower roller surface with alcohol, or replace the roller.

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8.5.38 Staining at the leading edge

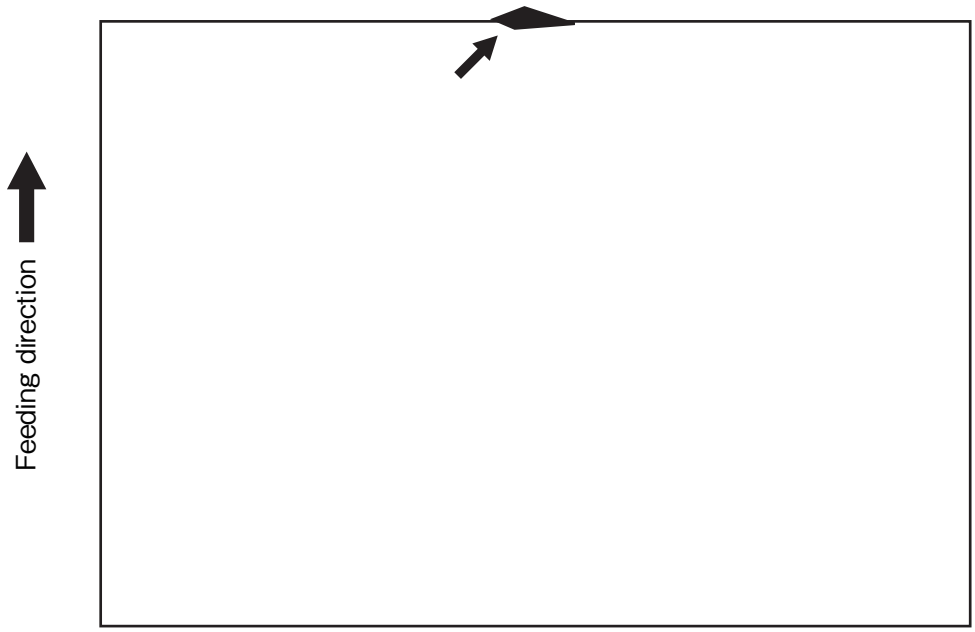

Fig.8-50

Cause/Section	Step	Check item	Measures
Exit sensor	1	Is the actuator of the exit sensor stained?	Clean the actuator with alcohol, or replace the actuator.

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Input check (Test mode 03)

Items to be checked and the condition of the equipment when the buttons [A] to [H] are highlighted are listed on the following pages.

[FAX] button: OFF/[COPY] button: OFF/[SCAN] button: OFF
("100%" is displayed.)

Digital key	Button	Items to check	Contents	
			Highlighted display e.g. A	Normal display e.g. A
[1]	A	Drawer 1 paper width detection sensor 3	OFF	ON
	B	Drawer 1 paper width detection sensor 2	OFF	ON
	C	Drawer 1 paper width detection sensor 1	OFF	ON
	D	Drawer 1 paper width detection sensor 0	OFF	ON
	E	Drawer 1 paper length detection sensor 3	OFF	ON
	F	Drawer 1 paper length detection sensor 2	OFF	ON
	G	Drawer 1 paper length detection sensor 1	OFF	ON
	H	Drawer 1 paper length detection sensor 0	OFF	ON
[2]	A	Bypass feed paper size detection sensor 3	OFF	ON
	B	Bypass feed paper size detection sensor 2	OFF	ON
	C	Bypass feed paper size detection sensor 1	OFF	ON
	D	Bypass feed paper size detection sensor 0	OFF	ON
	E	Bypass feed paper existence sensor	No paper	Paper present
	F	-	-	-
	G	-	-	-
	H	-	-	-
[3]	A	Option connection detection signal B (Refer to table2)	H	L
	B	Option connection detection signal A (Refer to table2)	H	L
	C	-	-	-
	D	Finisher connection detection	Not connected	Connected
	E	Fuser unit connection detection	Connected	Not connected
	F	-	-	-
	G	-	-	-
	H	-	-	-
[4]	A	New/Old drum detection (K)	Old	New
	B	New/Old drum detection (C)	Old	New
	C	New/Old drum detection (M)	Old	New
	D	New/Old drum detection (Y)	Old	New
	E	New/Old developer unit detection (K)	Old	New
	F	New/Old developer unit detection (C)	Old	New
	G	New/Old developer unit detection (M)	Old	New
	H	New/Old developer unit detection (Y)	Old	New
[5]	A	Drum transfer motor	Stop/Non-regular rotation	Normal rotation
	B	Fuser transfer motor	Stop/Non-regular rotation	Normal rotation
	C	Development transport motor	Stop/Non-regular rotation	Normal rotation
	D	Waste toner box full detection sensor	Shielded	Transmissive
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	Waste toner amount detection sensor	Shielded	Transmissive

[6]	A	Fuser belt rotation detection sensor	Transmissive	Shielded
	B	Fusing abnormality	Normal	Abnormal
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	-	-	-
[7]	A	ADU/transfer cover opening/closing switch	Open	Closed
	B	Bridge unit cover open detection (Bridge unit is connected)	Open	Closed
	C	Front cover opening/closing switch	Open	Closed
	D	Cover open detection switch	Open/Blowout of 24V fuse	Normal
	E	SYS power supply	Power off/Not connected	Power on
	F	-	-	-
	G	PFC status detection	Power off/Not connected/Firmware abnormality	Normal
	H	-	-	-
[8]	A	Developer unit connection detection (K)	Not connected	Connected
	B	Developer unit connection detection (C)	Not connected	Connected
	C	Developer unit connection detection (M)	Not connected	Connected
	D	Developer unit connection detection (Y)	Not connected	Connected
	E	High-voltage leak detection	Normal	Occurrence of charging leak
	F	1st transfer contact/non-contact sensor	Color drive	Black drive
	G	BK/C drive connection position sensor	Black drive	Color drive
	H	-	-	-
[9]	A	Registration sensor	No paper	Paper present
	B	Feed sensor1	Paper present	No paper
	C	Exit sensor	No paper	Paper present
	D	Switchback sensor	No paper	Paper present
	E	Paper clinging detection sensor	No paper	Paper present
	F	Registration transit sensor	Paper present	No paper
	G	ADU entrance sensor	No paper	Paper present
	H	ADU exit sensor	No paper	Paper present
[0]	A	Bridge unit transport sensor1 (When bridge unit is connected)	No paper	Paper present
	B	Bridge unit transport sensor (Exit)	No paper	Paper present
	C	RLY ejection full sensor (When bridge unit is connected)	Full	Not full
	D	JSP upper ejection tray full sensor	Full	Not full
	E	Drawer 1 tray-up sensor	Tray at upper limit position	Other than upper limit position
	F	Drawer 1 opening/closing detection switch	Open	Closed
	G	Drawer 1 paper empty sensor	No paper	Paper present
	H	Drawer 1 remaining amount of paper detection sensor	Shielded	Transmissive

[FAX] button: ON/[COPY] button: OFF/[SCAN] button OFF
("F%" is displayed.)

Digital key	Button	Items to check	Contents	
			Highlighted display e.g. A	Normal display e.g. A
[1]	A	Position adjustment sensor (Rear)	Toner present	Toner not present
	B	Position adjustment sensor (Front)	Toner present	Toner not present
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	-	-	-
[2]	A	New/Old detection of fuser unit	Old	New
	B	IH error input 0 (Refer to table 4)	H	L
	C	IH error input 1 (Refer to table 4)	H	L
	D	IH error input 2 (Refer to table 4)	H	L
	E	IH power voltage destination check 0 (Refer to table 5)	H	L
	F	IH power voltage destination check 1 (Refer to table 5)	H	L
	G	Fuser unit contact/release position detection 1 (Refer to table 6)	H	L
	H	Fuser unit contact/release position detection 2 (Refer to table 6)	H	L
[3]	A	-	-	-
	B	-	-	-
	C	LCF connection detection	Not connected	Connected
	D	PFP connection detection	Not connected	Connected
	E	-	-	-
	F	-	-	-
	G	Cover open detection (PFC side)	Open/Blowout of 24V fuse	Closed
	H	-	-	-
[4]	A	Paper feeding jam releasing cover opening/closing switch	Open	Closed
	B	3.3VLSW monitor	Normal	Abnormal
	C	5VF monitor	Abnormal	Normal
	D	Feed sensor2	No paper	Paper present
	E	Drawer 2 tray-up sensor	Tray at upper limit position	Other than upper limit position
	F	Drawer 2 opening/closing detection	Open	Closed
	G	Drawer 2 paper empty	No paper	Paper present
	H	Drawer 2 paper nearly empty	Shielded	Transmissive
[5]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	-	-	-
	E	-	-	-
	F	RADF connection	Connected	Not connected
	G	Platen sensor	Platen cove opened	Platen cover closed
	H	Carriage home position sensor	Home position	Other than home position

[6]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	APS sensor 1 (APS1)	No original	Original present
	E	APS sensor 2 (APS2)	No original	Original present
	F	-	-	-
	G	-	-	-
	H	-	-	-
[7]	A	RADF tray sensor	Original present	No original
	B	RADF empty sensor	Original present	No original
	C	RADF jam access cover sensor	Cover opened	Cover closed
	D	RADF open/close sensor	RADF opened	RADF closed
	E	RADF exit sensor	Original present	No original
	F	RADF intermediate sensor	Original present	No original
	G	RADF read sensor	Original present	No original
	H	RADF registration sensor	Original present	No original
[8]	A	RADF original tray width sensor (TWID0S) (Refer to table3)	OFF(H)	ON(L)
	B	RADF original tray width sensor (TWID1S) (Refer to table3)	OFF(H)	ON(L)
	C	RADF original tray width sensor (TWID2S) (Refer to table3)	OFF(H)	ON(L)
	D	-	-	-
	E	RADF original length sensor	Original present	No original
	F	RADF original width sensor 1	Original present	No original
	G	RADF original width sensor 2	Original present	No original
	H	-	-	-
[9]	A	Drawer 2 paper width detection sensor 3	OFF	ON
	B	Drawer 2 paper width detection sensor 2	OFF	ON
	C	Drawer 2 paper width detection sensor 1	OFF	ON
	D	Drawer 2 paper width detection sensor 0	OFF	ON
	E	Drawer 2 paper length detection sensor 3	OFF	ON
	F	Drawer 2 paper length detection sensor 2	OFF	ON
	G	Drawer 2 paper length detection sensor 1	OFF	ON
	H	Drawer 2 paper length detection sensor 0	OFF	ON
[0]	A	Paper feeding jam releasing cover opening/closing switch	Open	Closed
	B	-	-	-
	C	PFP transport sensor (Upper)	No paper	Paper present
	D	PFP transport sensor (Lower)	No paper	Paper present
	E	-	-	-
	F	-	-	-
	G	-	-	-
	H	PFP motor	Accelerating/Decelerating/Stopped	Normal rotation

[FAX] button: OFF/[COPY] button: ON/[SCAN] button OFF
("C%" is displayed.)

Digital key	Button	Items to check	Contents	
			Highlighted display e.g. A	Normal display e.g. A
[1]	-	Temperature/humidity sensor (displays temperature inside of the equipment)	-	Temperature [°C]
[2]	-	Temperature/humidity sensor (displays humidity inside of the equipment)	-	Humidity [%RH]
[3]	-	Drum thermistor temperature	-	Temperature [°C]
[4]	-	Drum thermistor temperature sensor	-	Temperature [°C]
[5]	A	PFP upper drawer tray-up sensor	Tray at upper limit position	Other than upper limit position
	B	PFP upper drawer detection sensor	Open	Closed
	C	PFP upper drawer paper empty sensor	No paper	Paper present
	D	PFP upper drawer paper nearly empty sensor	Shielded	Transmissive
	E	PFP lower drawer tray-up sensor	Tray at upper limit position	Other than upper limit position
	F	PFP lower drawer detection sensor	Open	Closed
	G	PFP lower drawer paper empty sensor	No paper	Paper present
	H	PFP lower drawer paper nearly empty sensor	Shielded	Transmissive
[6]	A	PFP upper drawer paper width detection sensor 3	OFF	ON
	B	PFP upper drawer paper width detection sensor 2	OFF	ON
	C	PFP upper drawer paper width detection sensor 1	OFF	ON
	D	PFP upper drawer paper width detection sensor 0	OFF	ON
	E	PFP upper drawer paper length detection sensor 3	OFF	ON
	F	PFP upper drawer paper length detection sensor 2	OFF	ON
	G	PFP upper drawer paper length detection sensor 1	OFF	ON
	H	PFP upper drawer paper length detection sensor 0	OFF	ON

[7]	A	PFP lower drawer paper width detection sensor 3	OFF	ON
	B	PFP lower drawer paper width detection sensor 2	OFF	ON
	C	PFP lower drawer paper width detection sensor 1	OFF	ON
	D	PFP lower drawer paper width detection sensor 0	OFF	ON
	E	PFP lower drawer paper length detection sensor 3	OFF	ON
	F	PFP lower drawer paper length detection sensor 2	OFF	ON
	G	PFP lower drawer paper length detection sensor 1	OFF	ON
	H	PFP lower drawer paper length detection sensor 0	OFF	ON
[8]	A	LCF tray-up sensor	Tray at upper limit position	Other than upper limit position
	B	LCF tray detection sensor (feeding side)	Open	Closed
	C	LCF empty sensor (feeding side)	Paper present	No paper
	D	LCF nearly empty sensor (feeding side)	Nearly empty	Normal
	E	LCF tray bottom sensor	Tray at bottom position	Other than bottom position
	F	-	-	-
	G	LCF end fence stop position sensor	Position after tray transport	Other than position after tray transport
	H	LCF end fence home position sensor	Home position	Other than home position
[9]	A	LCF jam releasing cover opening/closing detection	Closed	Open
	B	LCF tray detection (standby side)	Open	Closed
	C	Empty sensor at LCF standby side	No paper	Paper present
	D	-	-	-
	E	LCF standby side paper misload	Properly loaded	Paper misload
	F	LCF transport sensor	No paper	Paper present
	G	-	-	-
	H	LCF motor	Accelerating/Decelerating/Stopped	Normal rotation
[0]	A	-	-	-
	B	-	-	-
	C	-	-	-
	D	Security enabler	Connectable	Not connectable
	E	Judgement for acceptable USB storage device (*1)	Acceptable	Not acceptable
	F	-	-	-
	G	-	-	-
	H	-	-	-

*1
- Be sure to install the USB storage device to the equipment and check if the device can be used with this code.
- Be sure to turn OFF the write protection (the function to prevent data from erasure by the accidental recording or deleting) of the USB storage device before performing the check, otherwise this code cannot be used.
- It may take some time (2 sec. to 10 sec.) before this check is completed depending on the USB storage device.

Table 1. Relation between the status of the bypass paper width sensor and paper size (width)

Bypass paper width sensor				Paper width size
3	2	1	0	
0	1	1	1	A3/LD
1	0	1	1	A4-R/LT-R
1	1	0	1	A5-R/ST-R
1	1	1	0	Card size
0	0	1	1	B4-R/LG
1	0	0	1	B5-R

Table 2. Option connection detection signal

	A	B
Bridge unit is connected	L	L
SIO read-in NG	L	H
No option is connected	H	H
JSP is connected	H	L

Table 3. Relation between the status of the original tray width sensor and paper size (width)

Original tray width sensor			Paper width size (LT series)	Paper width size (A4 series)
TWID2S	TWID1S	TWID0S		
H	H	L	-	B5-R
H	L	H	ST-R	A5-R
H	L	L	LD / LT	A3 / A4
L	H	L	8.5x8.5 / LT-R / KLG / 13"LG	A4-R / FOLIO
L	L	L	COMPUTER	B4 / B5

H (= high level): Open L (= low level): Short

Table 4. IH error input

Contents	IH error input 2	IH error input 1	IH error input 0
Power OFF (initial check state)	L	L	L
Power supply voltage abnormality (AC power supply not provided)	L	L	L
Ready state (without error)	L	L	H
IGBT high temperature abnormality	L	H	L
IGBT temperature sensor abnormality (breaking of wire)	L	H	H
Input power voltage upper limit abnormality	H	L	L
Input power voltage lower limit abnormality	H	H	H
Power supply abnormality at cover open	Setting other than "LLL"		

Table 5. IH power voltage destination

	0	1
JPD (100V)	H	H
NAD (115V)	H	L
MJD (230V)	L	L

Table 6. Fuser unit contact/release position

	1	2
Released	H	H
Envelope	L	H
Contacting	H	L

Output check (test mode 03)

Code	Function	Procedure
101	Drum/TBU motor ON * Operational without process unit Y/M/C/K	1
102	Waste toner paddle motor ON	1
108	Registration motor ON	1
109	PFP motor ON	1
110	ADU motor ON	1
112	Paper feeding/developer unit drive motor ON * Operational without process unit Y/M/C/K	1
113	Fuser motor ON	1
114	Paper feeding/developer unit drive motor ON + Drum/TBU motor ON (Normal speed) * Remove the transfer belt before execution.	1
115	ADU motor ON (transport speed)	1
116	Reverse motor (reversal rotation) ON (transport speed)	1
118	LED head ON	1
120	Reverse motor (normal rotation) ON	1
121	Reverse motor (reversal rotation) ON	1
122	LCF motor ON	1
125	Image position aligning sensor shutter ON (open)	1
126	Image position aligning sensor (front/rear) LED ON	1
151	Code No.101 function OFF	1
152	Code No.102 function OFF	
158	Code No.108 function OFF	1
159	Code No.109 function OFF	1
160	Code No.110 function OFF	1
162	Code No.112 function OFF	1
163	Code No.113 function OFF	1
164	Code No.114 function OFF	1
165	Code No.115 function OFF	1
166	Code No.116 function OFF	1
168	Code No.118 function OFF	1
170	Code No.120 function OFF	1
171	Code No.121 function OFF	1
172	Code No.122 function OFF	1
175	Code No.125 function OFF	1
176	Code No.126 function OFF	1
201	1st drawer feed clutch ON/OFF	3
202	2nd drawer feed clutch ON/OFF	3
204	Bypass feed clutch ON/OFF	3
206	LCF pickup solenoid ON/OFF	3
207	LCF end fence reciprocating movement	2
209	LCF feed clutch ON/OFF	3
218	Key copy counter count up	2
222	Paper reverse gate solenoid ON (exit side)	2
223	Paper reverse gate solenoid ON (ADU side)	2
225	PFP transport clutch ON/OFF	3
226	PFP upper drawer feed clutch ON/OFF	3
228	PFP lower drawer feed clutch ON/OFF	3
230	Transport clutch (H) ON/OFF	3
232	Bridge unit gate solenoid ON/OFF	3
233	Transport clutch (L) ON/OFF	3
235	Discharge LED (K) ON/OFF * Do not let it radiate to the photoconductive drum for a long time.	3
236	Discharge LED (Y/M/C) ON/OFF * Do not let it radiate to the photoconductive drum for a long time.	3
240	Mono/color switching motor	2

241	1st transfer contact/release clutch + Mono/color switching motor * Operational with drum TBU motor ON	2
242	1st drawer tray-up motor ON (tray up)	2
243	2nd drawer tray-up motor ON (tray up)	2
248	Developer bias (K) [DC] ON/OFF * Operational without process unit K	3
252	Main charger (K) ON/OFF * Operational without process unit K	3
253	Main charger (Y/M/C) ON/OFF * Operational without process unit Y/M/C	3
254	Developer bias (Y) [DC] ON/OFF * Operational without process unit Y	3
255	Developer bias (M) [DC] ON/OFF * Operational without process unit M	3
256	Developer bias (C) [DC] ON/OFF * Operational without process unit C	3
261	Scan motor ON (Automatically stops at limit position)	2
264	Scanner fan motor high speed rotation/stop	3
265	Scanner fan motor low speed rotation/stop	3
267	Scanner exposure lamp ON/OFF	3
271	LCF tray-up motor UP/DOWN	2
272	Pressure roller contact/release motor - contact/release	2
278	PFP upper drawer tray-up motor ON (tray up)	2
280	PFP lower drawer tray-up motor ON (tray up)	2
281	RADF feed motor ON/OFF (normal rotation)	3
282	RADF feed motor ON/OFF (reverse rotation)	3
283	RADF read motor ON/OFF	3
284	RADF exit/reverse motor ON/OFF (normal rotation)	3
285	RADF exit/reverse motor ON/OFF (reverse rotation)	3
294	Reverse/exit solenoid ON/OFF	3
295	Power OFF mode	4
297	RADF fan motor ON/OFF	3
301	Modem test 2100Hz	2
302	Modem test 14.4KBPS(V17)	2
303	Modem test 9.6KBPS(V29)	2
304	Modem test 4.8KBPS(V27)	2
305	Modem test 300BPS	2
306	Modem test 1850Hz	2
307	Modem test 1650Hz	2
308	Modem test 1100Hz	2
309	Modem test 462Hz	2
310	Modem test 1300Hz	2
311	Modem test 33.6KBPS(V.34)	2
312	Modem test 28.8KBPS(V.34)	2
313	Modem test 24.0KBPS(V.34)	2
314	Modem test 16.8KBPS(V.34)	2
315	Dial test 10PPS	5
316	Dial test 20PPS	5
317	Dial test PB	5
318	Modem test 12.0KBPS(V.17)	2
319	Modem test 7.2KBPS(V.29)	2
320	Modem test 2.4KBPS(V.27ter)	2
321	FAX image memory test	2
322	CML relay ON	2
410	Toner motor (K) ON/OFF * Operational without toner cartridge K	3
411	Toner motor (C) ON/OFF * Operational without toner cartridge C	3
412	Toner motor (M) ON/OFF * Operational without toner cartridge M	3

413	Toner motor (Y) ON/OFF * Operational without toner cartridge Y	3
435	Suctioning fan (low speed) ON/OFF	3
436	Suctioning fan (high speed) ON/OFF	3
442	IH board cooling fan ON/OFF	3
443	Ozone exhaust fan (low speed) ON/OFF	3
444	Ozone exhaust fan (high speed) ON/OFF	3
445	Fuser section cooling fan 2 ON/OFF (45/50ppm only)	3
446	Exit section cooling fan (high speed) ON/OFF	3
447	Power supply unit cooling fan (low speed drive) ON/OFF	3
448	Power supply unit cooling fan (high speed drive) ON/OFF	3
450	Fuser section cooling fan 1 ON/OFF	3
451	Developer cooling/exhaust fan ON/OFF	3
461	Finisher packing position shift * Available when MJ-1036 is connected only	2

Test print mode (test mode 04)

Code	Types of test pattern	Remarks	Remarks	Output from
33	Overall halftone for printer (Image)		5	SYS
36	Printer secondary scanning direction 32 gradation steps (Image)		2	SYS
204	Grid pattern	Pattern width: 1 dot, Pitch: 10 mm	2	LGC
205	Grid pattern	Pattern width: 2 dot, Pitch: 10 mm	2	LGC
245	Halftone (3 pixels)		2	LGC
259	Grid pattern (Low temperature) *	Pattern width: 2 dot, Pitch: 10 mm	2	LGC
270	Image quality control test pattern	For checking the image quality control	2	LGC
286	LED dot missing check pattern		1	LGC

* Use this code to perform test print at the print speed for low temperature environment.

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Development	Auto adj. for dev. material supply and ATS		2400		Adjustment for All (Y,M,C,K)	-	0-255	M	The value starts changing approx. 3 minutes after this adjustment is started. The value is automatically set during this adjustment (approx. 2 minutes). (As the value increases, the sensor output increases correspondingly.)	5	Yes
05	Adjustment mode	Process	Development	Auto adj. for dev. material supply and ATS		2401		Adjustment for Y	-	0-255	M	The value starts changing approx. 3 minutes after this adjustment is started. The value is automatically set during this adjustment (approx. 2 minutes). (As the value increases, the sensor output increases correspondingly.)	5	Yes
05	Adjustment mode	Process	Development	Auto adj. for dev. material supply and ATS		2402		Adjustment for M	-	0-255	M	The value starts changing approx. 3 minutes after this adjustment is started. The value is automatically set during this adjustment (approx. 2 minutes). (As the value increases, the sensor output increases correspondingly.)	5	Yes
05	Adjustment mode	Process	Development	Auto adj. for dev. material supply and ATS		2403		Adjustment for C	-	0-255	M	The value starts changing approx. 3 minutes after this adjustment is started. The value is automatically set during this adjustment (approx. 2 minutes). (As the value increases, the sensor output increases correspondingly.)	5	Yes
05	Adjustment mode	Process	Development	Auto adj. for dev. material supply and ATS		2404		Adjustment for K	-	0-255	M	The value starts changing approx. 3 minutes after this adjustment is started. The value is automatically set during this adjustment (approx. 2 minutes). (As the value increases, the sensor output increases correspondingly.)	5	Yes
05	Adjustment mode	Process	Development	Adjustment of auto-toner initial adjustment reference setting value (YMCK)		2405	0	Adjustment of (YMCK) Y	Refer to contents	0-255	M	<Default value> 25/30/35ppm: 130 45/50ppm: 140	4	Yes
05	Adjustment mode	Process	Development	Adjustment of auto-toner initial adjustment reference setting value (YMCK)		2405	1	Adjustment of (YMCK) M	Refer to contents	0-255	M	<Default value> 25/30/35ppm: 130 45/50ppm: 140	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Development	Adjustment of auto-toner initial adjustment reference setting value (YMCK)		2405	2	Adjustment of (YMCK) C	Refer to contents	0-255	M	<Default value> 25/30/35ppm: 130 45/50ppm: 140	4	Yes
05	Adjustment mode	Process	Development	Adjustment of auto-toner initial adjustment reference setting value (YMCK)		2405	3	Adjustment of (YMCK) K	Refer to contents	0-255	M	<Default value> 25/30/35ppm: 130 45/50ppm: 140	4	Yes
05	Adjustment mode	Process	Development	Initialization of auto-toner		2406		Automatic adjustment (Y, M, C)	-	0-255	M	The value starts changing approx. 3 minutes after this adjustment is started. The value is automatically set during this adjustment (approx. 2 minutes). (As the value increases, the sensor output increases correspondingly.)	5	Yes
05	Adjustment mode	Process	Development	Developer bias DC(-) calibration voltage	Y	2627	0	Lower limit	200	0-1000	M	(Unit: V)	4	Yes
05	Adjustment mode	Process	Development	Developer bias DC(-) calibration voltage	Y	2627	1	Upper limit	900	0-1000	M	(Unit: V)	4	Yes
05	Adjustment mode	Process	Development	Developer bias DC(-) calibration voltage	M	2628	0	Lower limit	200	0-1000	M	(Unit: V)	4	Yes
05	Adjustment mode	Process	Development	Developer bias DC(-) calibration voltage	M	2628	1	Upper limit	900	0-1000	M	(Unit: V)	4	Yes
05	Adjustment mode	Process	Development	Developer bias DC(-) calibration voltage	C	2629	0	Lower limit	200	0-1000	M	(Unit: V)	4	Yes
05	Adjustment mode	Process	Development	Developer bias DC(-) calibration voltage	C	2629	1	Upper limit	900	0-1000	M	(Unit: V)	4	Yes
05	Adjustment mode	Process	Development	Developer bias DC(-) calibration voltage	K	2630	0	Lower limit	200	0-1000	M	(Unit: V)	4	Yes
05	Adjustment mode	Process	Development	Developer bias DC(-) calibration voltage	K	2630	1	Upper limit	900	0-1000	M	(Unit: V)	4	Yes
05	Adjustment mode	Process	Image control	Target value of 1st pattern (high density control)		2662	0	Y	295	100-450	M	Sets the target value of 1st pattern (high density) control for image control.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Image control	Target value of 1st pattern (high density control)		2662	1	M	307	100-450	M	Sets the target value of 1st pattern (high density) control for image control.	4	
05	Adjustment mode	Process	Image control	Target value of 1st pattern (high density control)		2662	2	C	315	100-450	M	Sets the target value of 1st pattern (high density) control for image control.	4	
05	Adjustment mode	Process	Image control	Target value of 1st pattern (high density control)		2662	3	K	314	100-450	M	Sets the target value of 1st pattern (high density) control for image control.	4	
05	Adjustment mode	Process	Image control	Image quality closed-loop control contrast voltage correction/Full mode maximum number of time corrected		2670	0	Y	5	0-16	M	Sets the maximum correction number of time of the contrast voltage in the closed-loop control full mode.	4	
05	Adjustment mode	Process	Image control	Image quality closed-loop control contrast voltage correction/Full mode maximum number of time corrected		2670	1	M	5	0-16	M	Sets the maximum correction number of time of the contrast voltage in the closed-loop control full mode.	4	
05	Adjustment mode	Process	Image control	Image quality closed-loop control contrast voltage correction/Full mode maximum number of time corrected		2670	2	C	5	0-16	M	Sets the maximum correction number of time of the contrast voltage in the closed-loop control full mode.	4	
05	Adjustment mode	Process	Image control	Image quality closed-loop control contrast voltage correction/Full mode maximum number of time corrected		2670	3	K	5	0-16	M	Sets the maximum correction number of time of the contrast voltage in the closed-loop control full mode.	4	
05	Adjustment mode	Process	Image control	Output value display of image quality sensor		2729		When the light source is OFF	0	0-1023	M	Displays the output value of image quality sensor when the sensor light source is OFF.	2	
05	Adjustment mode	Process	Image control	Output value display of image quality sensor		2730		Transfer belt surface	0	0-1023	M	Displays the output value of image quality sensor (when there is no test pattern) on the transfer belt.	2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Image control	Output value display of image quality sensor		2731	0	1st pattern (Y)	0	0-1023	M	Displays the output value of image quality sensor when the 1st pattern (high-density test pattern) is output. The larger the value, the smaller the toner amount adhered becomes.	10	Yes
05	Adjustment mode	Process	Image control	Output value display of image quality sensor		2731	1	1st pattern (M)	0	0-1023	M	Displays the output value of image quality sensor when the 1st pattern (high-density test pattern) is output. The larger the value, the smaller the toner amount adhered becomes.	10	Yes
05	Adjustment mode	Process	Image control	Output value display of image quality sensor		2731	2	1st pattern (C)	0	0-1023	M	Displays the output value of image quality sensor when the 1st pattern (high-density test pattern) is output. The larger the value, the smaller the toner amount adhered becomes.	10	Yes
05	Adjustment mode	Process	Image control	Output value display of image quality sensor		2731	3	1st pattern (K)	0	0-1023	M	Displays the output value of image quality sensor when the 1st pattern (high-density test pattern) is output. The larger the value, the smaller the toner amount adhered becomes.	10	Yes
05	Adjustment mode	Process	Image control	Output value display of image quality sensor		2732	0	2nd pattern (Y)	0	0-1023	M	Displays the output value of image quality sensor when the 2nd pattern (low-density test pattern) is output. The larger the value, the smaller the toner amount adhered becomes.	10	Yes
05	Adjustment mode	Process	Image control	Output value display of image quality sensor		2732	1	2nd pattern (M)	0	0-1023	M	Displays the output value of image quality sensor when the 2nd pattern (low-density test pattern) is output. The larger the value, the smaller the toner amount adhered becomes.	10	Yes
05	Adjustment mode	Process	Image control	Output value display of image quality sensor		2732	2	2nd pattern (C)	0	0-1023	M	Displays the output value of image quality sensor when the 2nd pattern (low-density test pattern) is output. The larger the value, the smaller the toner amount adhered becomes.	10	Yes
05	Adjustment mode	Process	Image control	Output value display of image quality sensor		2732	3	2nd pattern (K)	0	0-1023	M	Displays the output value of image quality sensor when the 2nd pattern (low-density test pattern) is output. The larger the value, the smaller the toner amount adhered becomes.	10	Yes
05	Adjustment mode	Process	Image control			2734		Light amount adjustment result of image quality sensor	0	0-255	M	The LED light amount adjustment value of this sensor is the reference value to set the reflected light from the belt surface.	2	
05	Adjustment mode	Process	Image control			2737		Relative humidity display during latest closed-loop control	0	0-100	M	Displays the relative humidity at the latest performing of the closed-loop control.(Unit: %)	2	
05	Adjustment mode	Process	Image control	Image quality closed-loop control		2738		Enforced performing in the short color mode	-	-	M	Performs the image quality closed-loop control in the short color mode.	6	Yes
05	Adjustment mode	Process	Image control	Image quality closed-loop control		2739		Enforced performing in the short black mode	-	-	M	Performs the image quality closed-loop control in the short black mode.	6	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Image control			2740		Enforced performing of image quality open-loop control	-	-	-	Performs the image quality open-loop control.	6	Yes
05	Adjustment mode	Process	Image control	Image quality closed-loop control		2742		Enforced performing of image quality control	-	-	M	Performs the image quality control.	6	Yes
05	Adjustment mode	Process	Image control			2745		Enforced performing of TRC control	-	-	M	Performs the image quality TRC control.	6	Yes
05	Adjustment mode	Process	Image control	Image quality sensor detection value		2756		At the occurrence of CE10	0	0-999	M	Only "0" can be entered.	1	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE20	2757	0	Detection value on the belt	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE20	2757	1	Light intensity adjustment bit value	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE40	2758	0	Detection value on the belt	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE40	2758	1	Light intensity adjustment bit value	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE40	2758	2	First pattern Y detection value	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE40	2758	3	First pattern M detection value	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE40	2758	4	First pattern C detection value	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE40	2758	5	First pattern K detection value	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE40	2758	6	Second pattern Y detection value	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE40	2758	7	Second pattern M detection value	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE40	2758	8	Second pattern C detection value	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	
05	Adjustment mode	Process	Image control	Image quality sensor detection value	At the occurrence of CE40	2758	9	Second pattern K detection value	0	0-999	M	Only "0" can be entered. (Unit: bit)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer			2761		Temperature/humidity sensor temperature display	23	0-100	M	Displays the temperature value set at the image quality open-loop control transfer correction.	2	
05	Adjustment mode	Process	Transfer			2762		Temperature/humidity sensor humidity display	50	0-100	M	Displays the humidity value set at the image quality open-loop control transfer correction.	2	
05	Adjustment mode	Process	Charger			2763		Drum thermistor temperature display 1	23	0-100	M	(Unit: ºC)	2	
05	Adjustment mode	Process	Charger			2764		Drum thermistor temperature display 2	23	0-100	M	(Unit: ºC)	2	
05	Adjustment mode	Process	Transfer	1st transfer output offset		2905	0	Y normal speed	5	0-10	M	Sets the offset amount of the 1st transfer output. Offsetting level 0: 0.75 1: 0.80 2: 0.85 3: 0.90 4: 0.95 5: 1.00 6: 1.05 7: 1.10 8: 1.15 9: 1.20 10: 1.25	4	
05	Adjustment mode	Process	Transfer	1st transfer output offset		2905	1	M normal speed	5	0-10	M	Sets the offset amount of the 1st transfer output. Offsetting level 0: 0.75 1: 0.80 2: 0.85 3: 0.90 4: 0.95 5: 1.00 6: 1.05 7: 1.10 8: 1.15 9: 1.20 10: 1.25	4	
05	Adjustment mode	Process	Transfer	1st transfer output offset		2905	2	C normal speed	5	0-10	M	Sets the offset amount of the 1st transfer output. Offsetting level 0: 0.75 1: 0.80 2: 0.85 3: 0.90 4: 0.95 5: 1.00 6: 1.05 7: 1.10 8: 1.15 9: 1.20 10: 1.25	4	
05	Adjustment mode	Process	Transfer	1st transfer output offset		2905	3	K normal speed	5	0-10	M	Sets the offset amount of the 1st transfer output. Offsetting level 0: 0.75 1: 0.80 2: 0.85 3: 0.90 4: 0.95 5: 1.00 6: 1.05 7: 1.10 8: 1.15 9: 1.20 10: 1.25	4	
05	Adjustment mode	Process	Transfer	1st transfer output offset		2905	5	BK Normal speed	5	0-10	M	Sets the offset amount of the 1st transfer output. Offsetting level 0: 0.75 1: 0.80 2: 0.85 3: 0.90 4: 0.95 5: 1.00 6: 1.05 7: 1.10 8: 1.15 9: 1.20 10: 1.25	4	
05	Adjustment mode	Process	Transfer	1st transfer output offset		2905	6	Y decelerating	5	0-10	M	Sets the offset amount of the 1st transfer output. Offsetting level 0: 0.75 1: 0.80 2: 0.85 3: 0.90 4: 0.95 5: 1.00 6: 1.05 7: 1.10 8: 1.15 9: 1.20 10: 1.25	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	1st transfer output offset		2905	7	M decelerating	5	0-10	M	Sets the offset amount of the 1st transfer output. Offsetting level 0: 0.75 1: 0.80 2: 0.85 3: 0.90 4: 0.95 5: 1.00 6: 1.05 7: 1.10 8: 1.15 9: 1.20 10: 1.25	4	
05	Adjustment mode	Process	Transfer	1st transfer output offset		2905	8	C decelerating	5	0-10	M	Sets the offset amount of the 1st transfer output. Offsetting level 0: 0.75 1: 0.80 2: 0.85 3: 0.90 4: 0.95 5: 1.00 6: 1.05 7: 1.10 8: 1.15 9: 1.20 10: 1.25	4	
05	Adjustment mode	Process	Transfer	1st transfer output offset		2905	9	K decelerating	5	0-10	M	Sets the offset amount of the 1st transfer output. Offsetting level 0: 0.75 1: 0.80 2: 0.85 3: 0.90 4: 0.95 5: 1.00 6: 1.05 7: 1.10 8: 1.15 9: 1.20 10: 1.25	4	
05	Adjustment mode	Process	Transfer	1st transfer output offset		2905	11	BK decelerating	5	0-10	M	Sets the offset amount of the 1st transfer output. Offsetting level 0: 0.75 1: 0.80 2: 0.85 3: 0.90 4: 0.95 5: 1.00 6: 1.05 7: 1.10 8: 1.15 9: 1.20 10: 1.25	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	0	Plain paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	1	Thick paper 1	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	2	Thick paper 2	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	3	Thick paper 3	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	4	Overhead transparencies	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	5	Special paper 1	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	6	Special paper 2	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	7	Recycled paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	8	Thick paper 4	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	9	Thin paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	10	Envelope	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Front side)		2934	11	Special paper 3	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	0	Plain paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	1	Thick paper 1	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	2	Thick paper 2	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	3	Thick paper 3	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	5	Special paper 1	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	6	Special paper 2	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	7	Recycled paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	8	Thick paper 4	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	9	Thin paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	10	Envelope	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the color mode (Back side)		2935	11	Special paper 3	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the color mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	0	Plain paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	1	Thick paper 1	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	2	Thick paper 2	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	3	Thick paper 3	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	4	Overhead transparencies	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	5	Special paper 1	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	6	Special paper 2	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	7	Recycled paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	8	Thick paper 4	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	9	Thin paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	10	Envelope	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Front side)		2936	11	Special paper 3	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Front side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	0	Plain paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	1	Thick paper 1	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	2	Thick paper 2	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	3	Thick paper 3	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	5	Special paper 1	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	6	Special paper 2	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	7	Recycled paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	8	Thick paper 4	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	9	Thin paper	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	10	Envelope	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	Bias offset in the black mode (Back side)		2937	11	Special paper 3	5	0-10	M	Sets the bias offset amount of the 2nd transfer bias in the black mode (Back side). Offsetting level 0: 0 1: 0.2 2: 0.4 3: 0.6 4: 0.8 5: 1.0 6: 1.2 7: 1.4 8: 1.6 9: 1.8 10: 2.0	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	0	Plain paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	1	Thick paper 1	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	2	Thick paper 2	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	3	Thick paper 3	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	4	Overhead transparencies	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	5	Special paper 1	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	6	Special paper 2	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	7	Recycled paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	8	Thick paper 4	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	9	Thin paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	10	Envelope	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the color mode)		2938	11	Special paper 3	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	0	Plain paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	1	Thick paper 1	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	2	Thick paper 2	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	3	Thick paper 3	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	5	Special paper 1	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	6	Special paper 2	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	7	Recycled paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	8	Thick paper 4	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	9	Thin paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	10	Envelope	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the color mode)		2939	11	Special paper 3	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the color mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	0	Plain paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	1	Thick paper 1	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	2	Thick paper 2	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	3	Thick paper 3	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	4	Overhead transparencies	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	5	Special paper 1	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	6	Special paper 2	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	7	Recycled paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	8	Thick paper 4	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	9	Thin paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	10	Envelope	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Front side in the black mode)		2940	11	Special paper 3	0	0-16	M	Corrects the 2nd transfer leading edge bias (Front side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	0	Plain paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	1	Thick paper 1	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	2	Thick paper 2	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	3	Thick paper 3	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	5	Special paper 1	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	6	Special paper 2	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	7	Recycled paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	8	Thick paper 4	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	9	Thin paper	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	10	Envelope	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer leading edge bias correction factor (Back side in the black mode)		2941	11	Special paper 3	0	0-16	M	Corrects the 2nd transfer leading edge bias (Back side in the black mode). Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	Number of time of cleaning at printing end		2961	0	Normal speed / High speed	0	0-7	M	0: Once 1: Twice 2: 3 times 3: 5 times 4: 7 times 5: 10 times 6: 12 times 7: 15 times	4	
05	Adjustment mode	Process	Transfer	Number of time of cleaning at printing end		2961	1	Decelerating	0	0-7	M	0: Once 1: Twice 2: 3 times 3: 5 times 4: 7 times 5: 10 times 6: 12 times 7: 15 times	4	
05	Adjustment mode	Process	Transfer	Number of time of cleaning at jam recovery / bypass non-standard printing / tab paper printing.		2962	0	Normal speed / High speed	5	0-7	M	0: Once 1: Twice 2: 3 times 3: 5 times 4: 7 times 5: 10 times 6: 12 times 7: 15 times	4	
05	Adjustment mode	Process	Transfer	Number of time of cleaning at jam recovery / bypass non-standard printing / tab paper printing.		2962	1	Decelerating	5	0-7	M	0: Once 1: Twice 2: 3 times 3: 5 times 4: 7 times 5: 10 times 6: 12 times 7: 15 times	4	
05	Adjustment mode	Process	Transfer	Number of time of cleaning at image quality control end		2963		Normal speed	0	0-7	M	0: Once 1: Twice 2: 3 times 3: 5 times 4: 7 times 5: 10 times 6: 12 times 7: 15 times	1	
05	Adjustment mode	Process	Transfer	Setting value of 2nd transfer restraining current 2		2964	0	Normal speed	4	-50-25	M	(Unit: µA)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	Setting value of 2nd transfer restraining current 2		2964	1	Decelerating	4	-50-25	M	(Unit: µA)	4	
05	Adjustment mode	Process	Transfer	Enforced toner supply / Number of time of cleaning at the end of fusing-wait period		2966	0	Normal speed / High speed	2	0-7	M	0: Once 1: Twice 2: 3 times 3: 5 times 4: 7 times 5: 10 times 6: 12 times 7: 15 times	4	
05	Adjustment mode	Process	Transfer	Enforced toner supply / Number of time of cleaning at the end of fusing-wait period		2966	1	Decelerating	2	0-7	M	0: Once 1: Twice 2: 3 times 3: 5 times 4: 7 times 5: 10 times 6: 12 times 7: 15 times	4	
05	Adjustment mode	Scanner	Scanner	Image location adjustment		3030		Primary scanning direction	113	0-255	SYS	When the value increases by "1", the image shifts by approx. 0.0423 mm toward the front side of the paper.	1	Yes
05	Adjustment mode	Scanner	Scanner	Image location adjustment		3031		Secondary scanning direction	130	67-189	SYS	When the value increases by "1", the image shifts by approx. 0.08192 mm toward the trailing edge of the paper. *If the value of 05-3031 is changed, the values of 05-3046 and 05-3047 are also changed. However, the value of 05-3031 is not changed even if the values of 05-3046 and 05-3047 are changed. When the value of 05-3031 is changed, confirm the values of 05-3046 and 05-3047. When adjusting 05-3031, 05-3046, and 05-3047, adjust 05-3031 first, then adjust 05-3046 and 05-3047.	1	Yes
05	Adjustment mode	Scanner	Scanner	Reproduction ratio adjustment		3032		Adj. secondary scan.direction	128	0-255	SYS	When the value increases by "1", the reproduction ratio in the secondary scanning direction (vertical to paper feeding direction) increases by approx. 0.017%.	1	Yes
05	Adjustment mode	Scanner	Scanner			3033		Distortion mode	-	-	SYS	Moves carriages to the adjustment position.	6	Yes
05	Adjustment mode	Scanner	Scanner	Shading position adjustment		3034		Original glass	117	71-186	SYS	0.08192mm/step	1	
05	Adjustment mode	Scanner	Scanner	Shading position adjustment		3035		RADF	133	71-186	SYS	0.08333 mm/step	1	
05	Adjustment mode	Scanner	RADF	Adjustment of RADF paper alignment		3040		Single sided original	12	0-30	SYS	When the value increases by "1", the aligning amount increases by approx. 0.4 mm.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Scanner	RADF	Adjustment of RADF paper alignment		3041		Double sided original	12	0-30	SYS	When the value increases by "1", the aligning amount increases by approx. 0.5 mm.	1	
05	Adjustment mode	Scanner	RADF			3042		Fine adjustment of transport speed	50	0-100	SYS	When the value increases by "1", the reproduction ratio of the secondary scanning direction on original (fed from the RADF) increases by approx. 0.1%.	1	Yes
05	Adjustment mode	Scanner	RADF			3043		Sideways deviation adjustment	128	0-255	SYS	When the value increases by "1", the image of original fed from the RADF shifts toward the rear side of paper by approx. 0.0423 mm.	1	Yes
05	Adjustment mode	Scanner	RADF	Leading edge position adjustment		3044		Front side	50	0-100	SYS	When the value increases by "1", the copied image of original fed from the RADF shifts toward the trailing edge of paper by approx. 0.2 mm.	1	Yes
05	Adjustment mode	Scanner	RADF	Leading edge position adjustment		3045		Back side	50	0-100	SYS	When the value increases by "1", the copied image of original fed from the RADF shifts toward the trailing edge of paper by approx. 0.2 mm.	1	Yes
05	Adjustment mode	Scanner	Scanner	Carriage position adjustment during scanning from RADF		3046		Carriage position adjustment during scanning from RADF (black)	128	0-255	SYS	When the value increases by "1", the carriage position shifts by approx. 0.1 mm toward the exit side when using the RADF. *When adjusting 05-3031, 05-3046, and 05-3047, adjust 05-3031 first, then adjust 05-3046 and 05-3047.	1	
05	Adjustment mode	Scanner	Scanner	Carriage position adjustment during scanning from RADF		3047		Carriage position adjustment during scanning from RADF (color)	128	0-255	SYS	When the value increases by "1", the carriage position shifts by approx. 0.1 mm toward the exit side when using the RADF. *When adjusting 05-3031, 05-3046, and 05-3047, adjust 05-3031 first, then adjust 05-3046 and 05-3047.	1	
05	Adjustment mode	Scanner	Scanner	Data transfer of characteristic value		3203		CCD board -> SYS board	-	-	SYS	Transfers the characteristic values of the scanner (shading correction factor / RGB color correction / reproduction ratio color deviation correction / shading position correction factor / reproduction ratio correction value in primary scanning direction) from the EEPROM of the CCD board to the SRAM of the SYS board.	6	
05	Adjustment mode	Scanner	Scanner	Data transfer of characteristic value		3209		SYS board -> CCD board	-	-	SYS	Transfers the characteristic values of the scanner (shading correction factor / RGB color correction / reproduction ratio color deviation correction / shading position correction factor / reproduction ratio correction value in primary scanning direction) from the SRAM of the SYS board to the EEPROM of the CCD board.	6	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Scanner	Scanner			3218		Shading correction plate Automatic dust detection adjustment	-	-	-	Performs adjustment for automatic dust detection with the shading correction plate. If dust is detected, shading correction is performed by avoiding the dust.	6	
05	Adjustment mode	Scanner	Scanner	Size detection of original		3233		Position adjustment in the primary scanning direction	128	0-255	SYS	Adjusts the detection range for size of original.	1	
05	Adjustment mode	Scanner	Scanner	Size detection of original		3234		Waiting position adjustment of carriage	200	0-255	SYS	Adjusts the position where the carriage stops at the size detection of the original. Default value: 100 (10 mm from leading edge of original) Maximum value: 255 (25.5 mm from leading edge of original) Minimum value: 0 (0 mm from leading edge of original)	1	
05	Adjustment mode	Scanner	Scanner	Size detection of original		3236		Adjustment of lamp lighting time	128	0-255	SYS	Adjusts the lighting time of the lamp at the size detection of the original. Maximum value: 255 (Minimum time + 2040ms) Minimum value: 0 (Minimum time)	1	
05	Adjustment mode	Scanner	Scanner	Size detection of original		3237		Starting time adjustment of lamp lighting	64	0-255	SYS	Adjusts the starting time of lamp lighting when the detection accuracy of dark originals is poor. Maximum value: 255 (Minimum time + 2040 ms) Minimum value: 0 (Minimum time)	1	
05	Adjustment mode	Printer	Image	Adj. of primary scan. writing start		4006		ALL	128	0-255	M	When the value increases by "1", the writing start position shifts to the front side by approx. 0.0423 mm.	1	Yes
05	Adjustment mode	Printer	Drive system	Fine adjustment of ADU motor rotational speed		4016	0	Transport speed: Normal speed	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive system	Fine adjustment of ADU motor rotational speed		4016	4	Transport speed: Decelerating	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive system	Fine adjustment of ADU motor rotational speed		4016	8	Transport speed1	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive system	Fine adjustment of ADU motor rotational speed		4016	9	Transport speed2	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive system	Fine adjustment of ADU motor rotational speed		4016	10	Transport speed3	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive system	Fine adjustment of ADU motor rotational speed		4016	11	Transport speed4	128	0-255	M	0.1%/step	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Drive system	Fine adjustment of ADU motor rotational speed		4016	12	Transport speed5	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive system	Fine adjustment of ADU motor rotational speed		4016	13	Transport speed6	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive system	Fine adjustment of ADU motor rotational speed		4016	14	Speed at low temperature	128	0-255	M	0.1%/step * This code is valid for 45/50ppm only.	4	
05	Adjustment mode	Printer	Image	Adjustment of drawer sideways deviation		4018	0	1st drawer	128	0-255	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4	
05	Adjustment mode	Printer	Image	Adjustment of drawer sideways deviation		4018	1	2nd drawer	128	0-255	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4	
05	Adjustment mode	Printer	Image	Adjustment of drawer sideways deviation		4018	2	PFP upper drawer	128	0-255	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4	
05	Adjustment mode	Printer	Image	Adjustment of drawer sideways deviation		4018	3	PFP lower drawer	128	0-255	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4	
05	Adjustment mode	Printer	Image	Adjustment of drawer sideways deviation		4018	4	LCF	128	0-255	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4	
05	Adjustment mode	Printer	Image	Adjustment of drawer sideways deviation		4018	5	Bypass feeding	128	0-255	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4	
05	Adjustment mode	Printer	Image	Adj. of primary scan. writing start	Duplex feeding	4019	0	Long size	128	0-255	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4	Yes
05	Adjustment mode	Printer	Image	Adj. of primary scan. writing start	Duplex feeding	4019	1	Short size	128	0-255	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4	Yes
05	Adjustment mode	Printer	Image	Adj. of primary scan. writing start	Duplex feeding	4019	2	Middle size	128	0-255	M	When the value increases by "1", the image shifts toward the front side by 0.0423 mm.	4	Yes
05	Adjustment mode	Printer	Image	Margin adjustment	PPC	4050		Top margin adjustment	0	0-255	M	When the value increases by "1", the blank area becomes wider by approx. 0.0423 mm.	1	Yes
05	Adjustment mode	Printer	Image	Margin adjustment	PPC	4052		Right margin adjustment	0	0-255	M	When the value increases by "1", the blank area becomes wider by approx. 0.0423 mm.	1	Yes
05	Adjustment mode	Printer	Image	Margin adjustment	PPC	4053		Bottom margin adjustment	0	0-255	M	When the value increases by "1", the blank area becomes wider by approx. 0.0423 mm.	1	Yes
05	Adjustment mode	Printer	Image	Margin adjustment	PRT	4054		Top margin adjustment (blank area at the leading edge of the paper)	24	0-255	M	When the value increases by "1", the blank area becomes wider by approx. 0.0423 mm.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Image	Margin adjustment	PRT	4056		Right margin adjustment (blank area at the right of the paper along the paper feeding direction)	0	0-255	M	When the value increases by "1", the blank area becomes wider by approx. 0.0423 mm.	1	
05	Adjustment mode	Printer	Image	Margin adjustment	PRT	4057		Bottom margin adjustment (blank area at the trailing edge of the paper)	0	0-255	M	When the value increases by "1", the blank area becomes wider by approx. 0.0423 mm.	1	
05	Adjustment mode	Printer	Image	Leading edge position adjustment	Normal speed	4058		1st drawer	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	1	Yes
05	Adjustment mode	Printer	Image	Leading edge position adjustment	Normal speed	4059		2nd drawer	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	1	Yes
05	Adjustment mode	Printer	Image	Leading edge position adjustment	Normal speed	4060		PFP upper drawer	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	1	Yes
05	Adjustment mode	Printer	Image	Leading edge position adjustment	Normal speed	4061		Bypass feeding	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	1	Yes
05	Adjustment mode	Printer	Image	Leading edge position adjustment	Normal speed	4062		Duplex feeding	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	1	Yes
05	Adjustment mode	Printer	Image	Bottom margin adjustment (blank area at the trailing edge of the paper)	Reverse side at duplexing	4064	0	PPC	24	0-255	M	When the value increases, the blank area becomes wider.	4	
05	Adjustment mode	Printer	Image	Right margin adjustment (blank area at the right of the paper along the paper feeding direction)	Reverse side at duplexing	4064	1	Plain paper (Black)	18	0-255	M	When the value increases, the blank area becomes wider.	4	
05	Adjustment mode	Printer	Image	Bottom margin adjustment (blank area at the trailing edge of the paper)	Reverse side at duplexing	4064	2	Plain paper (Black)	24	0-255	M	When the value increases, the blank area becomes wider.	4	
05	Adjustment mode	Printer	Image	Right margin adjustment (blank area at the right of the paper along the paper feeding direction)	Reverse side at duplexing	4064	3	Plain paper (Color)	18	0-255	M	When the value increases, the blank area becomes wider.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Image	Bottom margin adjustment (blank area at the trailing edge of the paper)/Reverse side at duplexing (color)	Reverse side at duplexing	4064	4	Plain paper (Color)	18	0-255	M	When the value increases, the blank area becomes wider.	4	
05	Adjustment mode	Printer	Image	Right margin adjustment (blank area at the right of the paper along the paper feeding direction)	Reverse side at duplexing	4064	5	Thick paper1	12	0-255	M	When the value increases, the blank area becomes wider.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Decelerated)		4065		Reference for adjustment	100	0-200	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	1	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Speed at low temperature)		4066		Reference for adjustment	100	0-200	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	1	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Speed at low temperature)	Subsidiary adjustment value	4067	0	1st drawer	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Speed at low temperature)	Subsidiary adjustment value	4067	1	2nd drawer	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Speed at low temperature)	Subsidiary adjustment value	4067	2	PFP upper drawer	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Speed at low temperature)	Subsidiary adjustment value	4067	3	PFP lower drawer	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Speed at low temperature)	Subsidiary adjustment value	4067	4	Bypass feed	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Speed at low temperature)	Subsidiary adjustment value	4067	5	ADU	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Speed at low temperature)	Subsidiary adjustment value	4067	6	LCF	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	1st drawer	4100	0	Plain paper; Long size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 27 45/50ppm: 15	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	1st drawer	4100	1	Plain paper; Middle size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 28 45/50ppm: 16	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	1st drawer	4100	2	Plain paper; Short size1	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 28 45/50ppm: 15	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	1st drawer	4100	3	Plain paper; :Short size2	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 28 45/50ppm: 15	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	1st drawer	4100	4	Plain paper; :Short size3	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 28 45/50ppm: 15	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	2nd drawer	4101	0	Plain paper; Long size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 27 45/50ppm: 15	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	2nd drawer	4101	1	Plain paper; Middle size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 27 45/50ppm: 14	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	2nd drawer	4101	2	Plain paper; Short size1	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 8	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	2nd drawer	4101	3	Plain paper; :Short size2	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 8	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	2nd drawer	4101	4	Plain paper; :Short size3	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 8	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4103	0	Plain paper; Long size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 28 45/50ppm: 16	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4103	1	Plain paper; Middle size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 28 45/50ppm: 16	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4103	2	Plain paper; Short size1	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 28 45/50ppm: 16	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4103	3	Plain paper; :Short size2	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 28 45/50ppm: 16	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4103	4	Plain paper; :Short size3	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 28 45/50ppm: 16	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4104	0	Thick paper1 ;Long size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4104	1	Thick paper1 ;Middle size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4104	2	Thick paper1 ;Short size1	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4104	3	Thick paper1 ;Short size2	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4104	4	Thick paper1 ;Short size3	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4105	0	Thick paper2/Envelope; Long size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4105	1	Thick paper2/Envelope; Middle size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4105	2	Thick paper2/Envelope; Short size1	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4105	3	Thick paper2/Envelope; Short size2	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4105	4	Thick paper2/Envelope; Short size3	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4106	0	Thick paper3/4; Long size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4106	1	Thick paper3/4; Middle size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4106	2	Thick paper3/4; Short size1	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4106	3	Thick paper3/4; Short size2	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4106	4	Thick paper3/4; Short size3	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4107	0	OHP film ;Long size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 30	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4107	1	OHP film ;Middle size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 30	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4107	2	OHP film ;Short size1	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 30	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4107	3	OHP film ;Short size2	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 30	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4107	4	OHP film ;Short size3	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 30	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP upper drawer	4108	0	Plain paper; Long size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 23 45/50ppm: 12	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP upper drawer	4108	1	Plain paper; Middle size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 10	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP upper drawer	4108	2	Plain paper; Short size1	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 10	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP upper drawer	4108	3	Plain paper; :Short size2	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 10	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP upper drawer	4108	4	Plain paper; :Short size3	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 10	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP lower drawer	4109	0	Plain paper; Long size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 10	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP lower drawer	4109	1	Plain paper; Middle size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 10	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP lower drawer	4109	2	Plain paper; Short size1	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 10	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP lower drawer	4109	3	Plain paper; :Short size2	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 10	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP lower drawer	4109	4	Plain paper; :Short size3	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 10	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	ADU	4110	0	Plain paper; Long size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35/45/50ppm: 0.8 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 21 45/50ppm: 11	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	ADU	4110	1	Plain paper; Middle size	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35/45/50ppm: 0.8 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 21 45/50ppm: 11	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	ADU	4110	2	Plain paper; Short size1	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35/45/50ppm: 0.8 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 21 45/50ppm: 5	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	ADU	4110	3	Plain paper; :Short size2	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35/45/50ppm: 0.8 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 21 45/50ppm: 5	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	ADU	4110	4	Plain paper; :Short size3	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35/45/50ppm: 0.8 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 21 45/50ppm: 5	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	LCF	4111		Plain paper	Refer to content	0-63	M	When the value increases by "1", the aligning amount increases as follows: 25/30/35ppm: 0.54 mm 45/50ppm: 0.81 mm <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35ppm: 22 45/50ppm: 10	1	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Adjustment of paper pushing amount at bypass feeding		4112	0	Plain paper/Recycled paper	Refer to content	0-63	M	When the value increases by "1", the paper pushing amount at bypass feeding increases as follows: 25/30/35ppm: 1.08 mm 45/50ppm: 1.62 mm <Default value> 25/30/35ppm: 6 45/50ppm: 4	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Adjustment of paper pushing amount at bypass feeding		4112	1	Thick paper/Special paper/Transparencies	22	0-63	M	When the value increases by "1", the paper pushing amount at bypass feeding increases by approx. 0.54 mm.	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Adjustment of paper pushing amount/1st drawer		4113	0	Plain paper/Recycled paper	Refer to content	0-63	M	When the value increases by "1", the paper pushing amount at feeding from 1st drawer increases as follows: 25/30/35ppm: 1.08 mm 45/50ppm: 1.62 mm <Default value> 25/30/35ppm: 6 45/50ppm: 4	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Adjustment of paper pushing amount/1st drawer		4113	1	Thick paper/Special paper	22	0-63	M	When the value increases by "1", the paper pushing amount at feeding from 1st drawer increases by approx. 0.54 mm.	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	1st drawer	4115	0	Thick paper1 ;Long size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 26	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	1st drawer	4115	1	Thick paper1 ;Middle size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 23	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	1st drawer	4115	2	Thick paper1 ;Short size1	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	1st drawer	4115	3	Thick paper1 ;Short size2	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	1st drawer	4115	4	Thick paper1 ;Short size3	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	2nd drawer	4116	0	Thick paper1 ;Long size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 21	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	2nd drawer	4116	1	Thick paper1 ;Middle size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 21	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	2nd drawer	4116	2	Thick paper1 ;Short size1	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	2nd drawer	4116	3	Thick paper1 ;Short size2	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	2nd drawer	4116	4	Thick paper1 ;Short size3	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP upper drawer	4117	0	Thick paper1 ;Long size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 23	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP upper drawer	4117	1	Thick paper1 ;Middle size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP upper drawer	4117	2	Thick paper1 ;Short size1	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP upper drawer	4117	3	Thick paper1 ;Short size2	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP upper drawer	4117	4	Thick paper1 ;Short size3	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP lower drawer	4118	0	Thick paper1 ;Long size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 19	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP lower drawer	4118	1	Thick paper1 ;Middle size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP lower drawer	4118	2	Thick paper1 ;Short size1	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP lower drawer	4118	3	Thick paper1 ;Short size2	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	PFP lower drawer	4118	4	Thick paper1 ;Short size3	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 16	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	ADU	4120	0	Thick paper/Special paper; Long size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.6 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 13	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	ADU	4120	1	Thick paper/Special paper; Middle size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.6 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 13	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	ADU	4120	2	Thick paper/Special paper; Short size1	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.6 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 13	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	ADU	4120	3	Thick paper/Special paper; Short size2	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.6 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 13	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	ADU	4120	4	Thick paper/Special paper; Short size3	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.6 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 13	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4128	0	Special paper1 ;Long size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4128	1	Special paper1 ;Middle size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4128	2	Special paper1 ;Short size1	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4128	3	Special paper1 ;Short size2	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4128	4	Special paper1 ;Short size3	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4129	0	Special paper2 ;Long size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4129	1	Special paper2 ;Middle size	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4129	2	Special paper2 ;Short size1	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4129	3	Special paper2 ;Short size2	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment	Bypass feeding	4129	4	Special paper2 ;Short size3	Refer to contents	0-63	M	When the value increases by "1", the aligning amount increases by approx. 0.54 mm. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter <Default value> 25/30/35/45/50ppm: 27	4	Yes
05	Adjustment mode	Printer	Image	Leading edge position adjustment	Normal speed	4402		Common items	125	0-200	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Drive	Fine adjustment of registration motor rotational speed		4523	0	Transport speed: Normal speed	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of registration motor rotational speed	PRT (Long size)	4523	3	Transport speed: Normal speed	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of registration motor rotational speed		4523	4	Transport speed: Decelerating	117	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of registration motor rotational speed	PRT (Long size)	4523	7	Transport speed: Decelerating	141	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of registration motor rotational speed		4523	8	Transport speed1	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of registration motor rotational speed		4523	9	Transport speed2	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of registration motor rotational speed		4523	10	Speed at low temperature	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step) * This code is valid for 45/50ppm only.	4	
05	Adjustment mode	Printer	Drive	Fine adj. of drum/transfer belt motor speed		4526	0	Transport speed: Normal speed	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	Yes
05	Adjustment mode	Printer	Drive	Fine adj. of transfer belt motor speed		4526	4	Transport speed: Decelerating	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	Yes
05	Adjustment mode	Printer	Drive	Fine adj. of transfer belt motor speed		4526	9	Speed at low temperature	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step) * This code is valid for 45/50ppm only.	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of fuser belt rotational speed		4529	0	Transport speed: Normal speed	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of fuser belt rotational speed	PRT (Long size)	4529	3	Transport speed: Normal speed	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of fuser belt rotational speed		4529	4	Transport speed: Decelerating	128	0-255	M	0.1%/step	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Drive	Fine adjustment of fuser belt rotational speed	PRT (Long size)	4529	7	Transport speed: Decelerating	136	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of fuser belt rotational speed		4529	9	Speed at low temperature	128	0-255	M	0.1%/step * This code is valid for 45/50ppm only.	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of feed/transport motor rotational speed		4532	0	Transport speed: Normal speed	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of feed/transport motor rotational speed	PRT (Long size)	4532	3	Transport speed: Normal speed	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of feed/transport motor rotational speed		4532	4	Transport speed: Decelerating	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of feed/transport motor rotational speed	PRT (Long size)	4532	7	Transport speed: Decelerating	128	0-255	M	0.1%/step	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of feed/transport motor rotational speed		4532	9	Speed at low temperature	128	0-255	M	0.1%/step * This code is valid for 45/50ppm only.	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed		4535	0	Transport speed: Normal speed	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed	PRT (Long size)	4535	3	Transport speed: Normal speed	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed		4535	4	Transport speed: Decelerating	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed	PRT (Long size)	4535	7	Transport speed: Decelerating	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed		4535	8	Transport speed1	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed		4535	9	Transport speed2	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed		4535	10	Transport speed3	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed		4535	11	Transport speed4	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed		4535	12	Transport speed: Normal speed (Transport in ADU)	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed	PRT (Long size)	4535	15	Transport speed: Normal speed (Transport in ADU)	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed		4535	16	Transport speed: Decelerating (Transport in ADU)	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed	PRT (Long size)	4535	19	Transport speed: Decelerating (Transport in ADU)	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step)	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed		4535	20	Speed at low temperature	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step) * This code is valid for 45/50ppm only.	4	
05	Adjustment mode	Printer	Drive	Fine adjustment of exit motor rotational speed		4535	21	Speed at low temperature (Transport in ADU)	128	0-255	M	When the value increases, the motor speed becomes faster. (0.1%/step) * This code is valid for 45/50ppm only.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment	Normal speed	4560		PFP lower drawer	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	1	Yes
05	Adjustment mode	Printer	Image	Leading edge position adjustment	Normal speed	4561		T-LCF	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	1	Yes
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	1st drawer	4562	0	Thick paper 1	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	1st drawer	4562	1	Thick paper 2	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	1st drawer	4562	2	Thick paper 3	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	2nd drawer	4563	0	Thick paper 1	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	2nd drawer	4563	1	Thick paper 2	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	2nd drawer	4563	2	Thick paper 3	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	PFP upper drawer	4564	0	Thick paper 1	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	PFP upper drawer	4564	1	Thick paper 2	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	PFP upper drawer	4564	2	Thick paper 3	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	PFP lower drawer	4565	0	Thick paper 1	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	PFP lower drawer	4565	1	Thick paper 2	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	PFP lower drawer	4565	2	Thick paper 3	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Decelerated)	Bypass feeding	4567	0	Thick paper 1	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Decelerated)	Bypass feeding	4567	1	Thick paper 2	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Decelerated)	Bypass feeding	4567	2	Thick paper 3	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Decelerated)	Bypass feeding	4567	3	OHP film	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Decelerated)	Bypass feeding	4567	4	Special paper 1	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Leading edge position adjustment (Decelerated)	Bypass feeding	4567	5	Special paper 2	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	ADU	4568	0	Thick paper 1	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	ADU	4568	1	Thick paper 2	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Image	Auxiliary adjustment value of leading edge position adjustment	ADU	4568	2	Thick paper 3	50	0-100	M	When the value increases by "1", the image shifts toward the trailing edge of the paper by approx. 0.1 mm.	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount adjustment		4579		Using icons	-	-	M	Press the button on the LCD.	4	Yes
05	Adjustment mode	Printer	Image control			4719		Forced color registration control	-	-	M	Forcibly performs the color registration control adjustment in order to eliminate the color deviation of Y, M, C and K colors.	6	Yes
05	Adjustment mode	Printer	Image control			4720		Displaying parameters for color regist.	-	0-255	M	Checks the cause of a "CA00" error when it occurs.	2	Yes
05	Adjustment mode	Printer	Image	Image void correction code	PPC (black)	4731	0	Top margin	29	0-48	M	(0.4mm/10step)	4	
05	Adjustment mode	Printer	Image	Image void correction code	PPC (color)	4731	1	Top margin	48	0-48	M	(0.4mm/10step)	4	
05	Adjustment mode	Printer	Image	Image void correction code	PRT (black)	4731	2	Top margin	29	0-48	M	(0.4mm/10step)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Image	Image void correction code	PRT (color)	4731	3	Top margin	29	0-48	M	(0.4mm/10step)	4	
05	Adjustment mode	Printer	Image	Image void correction code	PPC (black)	4731	4	Bottom margin	24	0-48	M	(0.4mm/10step)	4	
05	Adjustment mode	Printer	Image	Image void correction code	PPC (color)	4731	5	Bottom margin	24	0-48	M	(0.4mm/10step)	4	
05	Adjustment mode	Printer	Image	Image void correction code	PRT (black)	4731	6	Bottom margin	0	0-48	M	(0.4mm/10step)	4	
05	Adjustment mode	Printer	Image	Image void correction code	PRT (color)	4731	7	Bottom margin	0	0-48	M	(0.4mm/10step)	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Setting method of drawer size		4800	0	1st drawer	0	0-2	SYS	0: Manual 1: Automatic (mm) 2: Automatic (inch)	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Setting method of drawer size		4800	1	2nd drawer	0	0-2	SYS	0: Manual 1: Automatic (mm) 2: Automatic (inch)	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Setting method of drawer size		4800	2	3rd drawer	0	0-2	SYS	0: Manual 1: Automatic (mm) 2: Automatic (inch)	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Setting method of drawer size		4800	3	4th drawer	0	0-2	SYS	0: Manual 1: Automatic (mm) 2: Automatic (inch)	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Plain paper	4808	0	Drawer	0	-20-20	M	25/30/35ppm: 0.6 mm/step 45/50ppm: 0.9 mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Plain paper	4808	1	Bypass feeding	0	-20-20	M	25/30/35ppm: 0.6 mm/step 45/50ppm: 0.9 mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Plain paper	4808	2	ADU	0	-20-20	M	25/30/35ppm: 0.6 mm/step 45/50ppm: 0.9 mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Thick paper 1	4809	0	Drawer	0	-20-20	M	0.6 mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Thick paper 1	4809	1	Bypass feeding	0	-20-20	M	0.6 mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Thick paper 1	4809	2	ADU	0	-20-20	M	0.6 mm/step	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Thick paper 2	4810	0	Drawer	0	-20-20	M	0.6 mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Thick paper 2	4810	1	Bypass feeding	0	-20-20	M	0.6 mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Thick paper 2	4810	2	ADU	0	-20-20	M	0.6 mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Thick paper 3	4811	0	Drawer	0	-20-20	M	0.6 mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Thick paper 3	4811	1	Bypass feeding	0	-20-20	M	0.6 mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	Batch conversion	Thick paper 3	4811	2	ADU	0	-20-20	M	0.6 mm/step	4	
05	Adjustment mode	Printer	Finisher	Alignment position adjustment		4822	0	Front	0	-17-17	M	0.2mm/step * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Printer	Finisher	Alignment position adjustment		4822	1	Rear	0	-17-17	M	0.2mm/step * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Printer	Finisher	Stapling position adjustment		4823	0	Rear – One place	0	-25-25	M	0.2mm/step * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Printer	Finisher	Stapling position adjustment		4823	1	Rear – One place (R-series size)	0	-17-25	M	0.2mm/step * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Printer	Finisher	Stapling position adjustment		4823	2	Front – One place	0	-25-25	M	0.2mm/step * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Printer	Finisher	Stapling position adjustment		4823	3	Front – One place (R-series size)	0	-25-17	M	0.2mm/step * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Printer	Finisher	Stapling position adjustment		4823	4	Center – 2 places	0	-17-17	M	0.2mm/step * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Printer	Finisher			4824		Adjustment of hole punch center position	0	-15-15	M	0.2mm/step * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Printer	Finisher			4825		Adjustment of hole punch position	0	-20-12	M	0.2mm/step * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Printer	Finisher	Saddle stitch		4826		Adjustment of alignment position	0	-15-15	M	0.2mm/step * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Printer	Finisher			4827		Adjustment of ejection position of gripper	0	-15-15	M	0.2mm/step * This code is not supported by LL20/25ppm model.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Image	Amount of void at the trailing edge		4831		Non-standard paper by bypass feeding	100	0-200	M	Adjusts the amount of void at the trailing edge of non-standard paper by bypass feeding. When the value is too small, stain may appear on the back side of paper. 0.1mm/step.	1	Yes
05	Adjustment mode	Printer	Aligning adjustment	ADU	Small-sized paper	4832	0	Plain paper/Recycled paper	0	0-50	M	0.8mm/step	4	
05	Adjustment mode	Printer	Aligning adjustment	ADU	Small-sized paper	4832	1	Thick paper/Special paper	0	0-50	M	0.8mm/step	4	
05	Adjustment mode	Printer				4833		Recovery from toner empty/waste toner full	-	-	M	Perform this code to recover from toner empty/waste toner full.	6	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	1st drawer	4835	0	Long size	5	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	1st drawer	4835	1	Middle size	4	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	1st drawer	4835	2	Short size 1	6	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	1st drawer	4835	3	Short size 2	6	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	1st drawer	4835	4	Short size 3	6	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	2nd drawer	4835	5	Long size	5	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	2nd drawer	4835	6	Middle size	6	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	2nd drawer	4835	7	Short size 1	10	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	2nd drawer	4835	8	Short size 2	10	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	2nd drawer	4835	9	Short size 3	10	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	PFP upper drawer	4835	10	Long size	5	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	PFP upper drawer	4835	11	Middle size	7	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	PFP upper drawer	4835	12	Short size 1	7	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	PFP upper drawer	4835	13	Short size 2	7	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	PFP upper drawer	4835	14	Short size 3	7	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	PFP lower drawer	4835	15	Long size	7	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	PFP lower drawer	4835	16	Middle size	7	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	PFP lower drawer	4835	17	Short size 1	7	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	PFP lower drawer	4835	18	Short size 2	7	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	PFP lower drawer	4835	19	Short size 3	7	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	Bypass feeding	4835	20	Long size	4	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	Bypass feeding	4835	21	Middle size	4	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	Bypass feeding	4835	22	Short size 1	4	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	Bypass feeding	4835	23	Short size 2	4	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	Bypass feeding	4835	24	Short size 3	4	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	ADU	4835	25	Long size	5	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.8 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	ADU	4835	26	Middle size	5	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.8 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	ADU	4835	27	Short size 1	14	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.8 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	ADU	4835	28	Short size 2	14	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.8 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)	ADU	4835	29	Short size 3	14	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.8 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Printer	Feeding system/Paper transport	Paper aligning amount correction value (speed at low temperature)		4835	30	LCF	7	-30-30	M	Sets the correction value for speed at low temperature which is applied to the current adjustment value. When the value increases by "1", the aligning amount increases by approx. 0.54 mm. * This code is valid for 45/50ppm only. <Paper length> Long size: 330 mm or longer Middle size: 220 mm to 329 mm Short size 1: 205 mm to 219 mm Short size 2: 160 mm to 204 mm Short size 3: 159 mm or shorter	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	0	Plain paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	1	Thick paper 1	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	2	Thick paper 2	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	3	Thick paper 3	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	4	Overhead transparencies	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	5	Special paper 1	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	6	Special paper 2	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	7	Recycled paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	8	Thick paper 4	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	9	Thin paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	10	Envelope	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the color mode)		5400	11	Special paper 3	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	0	Plain paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	1	Thick paper 1	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	2	Thick paper 2	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	3	Thick paper 3	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	5	Special paper 1	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	6	Special paper 2	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	7	Recycled paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	8	Thick paper 4	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	9	Thin paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	10	Envelope	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the color mode)		5401	11	Special paper 3	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	0	Plain paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	1	Thick paper 1	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	2	Thick paper 2	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	3	Thick paper 3	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	4	Overhead transparencies	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	5	Special paper 1	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	6	Special paper 2	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	7	Recycled paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	8	Thick paper 4	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	9	Thin paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	10	Envelope	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Front side in the black mode)		5402	11	Special paper 3	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	0	Plain paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	1	Thick paper 1	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	2	Thick paper 2	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	3	Thick paper 3	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	5	Special paper 1	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	6	Special paper 2	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	7	Recycled paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	8	Thick paper 4	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	9	Thin paper	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	10	Envelope	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Process	Transfer	2nd transfer trailing edge bias correction factor (Back side in the black mode)		5403	11	Special paper 3	0	0-16	M	Corrects the 2nd transfer trailing edge bias. Offsetting level 0: 1.00 1: 0.95 2: 0.90 3: 0.85 4: 0.80 5: 0.75 6: 0.70 7: 0.65 8: 0.60 9: 0.55 10: 0.50 11: 0.45 12: 0.40 13: 0.35 14: 0.30 15: 0.25 16: 0.20	4	
05	Adjustment mode	Image Processing	Reproduction ratio adjustment	Primary scanning direction		7000		PPC	128	0-255	SYS	When the value increases by “1”, the reproduction ratio in the primary scanning direction increases by approx. 0.1%.	1	
05	Adjustment mode	Image Processing	Reproduction ratio adjustment	Primary scanning direction		7001		PRT/FAX	128	128-255	SYS	When the value increases by “1”, the reproduction ratio in the primary scanning direction increases by approx. 0.1%.	1	
05	Adjustment mode	Image Processing	Background offset adjustment	PPC/SCN(black)		7025		ADF	128	0-255	SYS	The larger the adjustment value, the darker the background becomes. The smaller the adjustment value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background offset adjustment	PPC/SCN(color)		7026		ADF	128	0-255	SYS	The larger the adjustment value, the darker the background becomes. The smaller the adjustment value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(black)		7056		Text/Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(black)		7057		Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(black)		7058		Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(black)		7061		Gray scale	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Smudged/faint text adjustment	PPC(black)		7097		Text/Photo	2	0-4	SYS	0: Faint text is suppressed most. 4: Smudged text is suppressed most.	1	Yes
05	Adjustment mode	Image Processing	Smudged/faint text adjustment	PPC(black)		7098		Text	2	0-4	SYS	0: Faint text is suppressed most. 4: Smudged text is suppressed most.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(black)		7100		Text/Photo	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(black)		7101		Text	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(black)		7102		Photo	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(black)		7105		Gray scale	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(black)		7106		User custom	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(black)	Manual adjustment/Center value	7114		Text/Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(black)	Manual adjustment/Center value	7115		Text	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(black)	Manual adjustment/Center value	7116		Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(black)	Automatic density adjustment	7123		Text/Photo	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(black)	Automatic density adjustment	7124		Text	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(black)	Automatic density adjustment	7125		Photo	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(black)	Manual adjustment/Center value	7134		User custom	128	0-255	SYS	The larger the value, the darker the image of the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(black)	Automatic density adjustment	7137		User custom	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(black)	Manual adjustment/Center value	7138		Gray scale	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Density adjustment	PPC(black)	Automatic density adjustment	7141		Gray scale	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Text/Photo	7190	0	Low density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Text/Photo	7190	1	Medium density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Text/Photo	7190	2	High density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Text	7191	0	Low density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Text	7191	1	Medium density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Text	7191	2	High density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Photo	7192	0	Low density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Photo	7192	1	Medium density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Photo	7192	2	High density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	PPC(black)		7212	0	Emission level 0/4	0	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	LED emission level adjustment	PPC(black)		7212	1	Emission level 1/4	63	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	PPC(black)		7212	2	Emission level 2/4	127	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	PPC(black)		7212	3	Emission level 3/4	191	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	PPC(black)		7212	4	Emission level 4/4	255	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	Range correction adjustment	PPC(black)	Black/Manual density adjustment	7237		User custom	1	0-1	SYS	0: Background peak - Fixed 1: Background peak - Varied	1	
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(black)		7249		User custom	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	
05	Adjustment mode	Image Processing	Smudged/faint text adjustment	PPC(black)		7252		User custom	2	0-4	SYS	0: Faint text is suppressed most. 4: Smudged text is suppressed most.	1	
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	User custom	7276	0	Low density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	User custom	7276	1	Medium density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	User custom	7276	2	High density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Range correction adjustment	PPC(black)	Black/Manual density adjustment	7286		Text/Photo	1	0-1	SYS	0: Background peak - Fixed 1: Background peak - Varied	1	
05	Adjustment mode	Image Processing	Range correction adjustment	PPC(black)	Black/Manual density adjustment	7287		Text	1	0-1	SYS	0: Background peak - Fixed 1: Background peak - Varied	1	
05	Adjustment mode	Image Processing	Upper limit value in toner saving mode	PRT(black/1200dpi)		7302		PS	176	0-255	SYS	The smaller the value, the lighter the printed image becomes. * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Image Processing	Upper limit value in toner saving mode	PRT(black/600dpi)		7307	0	PS	176	0-255	SYS	The smaller the value, the lighter the printed image becomes.	4	Yes
05	Adjustment mode	Image Processing	Upper limit value in toner saving mode	PRT(black/600dpi)		7307	1	PCL	176	0-255	SYS	The smaller the value, the lighter the printed image becomes.	4	Yes
05	Adjustment mode	Image Processing	Upper limit value in toner saving mode	PRT(black/600dpi)		7307	2	XPS	176	0-255	SYS	The smaller the value, the lighter the printed image becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Smooth/1200dpi	7309	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Smooth/1200dpi	7309	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Smooth/1200dpi	7309	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Detail/1200dpi	7310	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Detail/1200dpi	7310	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Detail/1200dpi	7310	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Smooth/600dpi	7315	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Smooth/600dpi	7315	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Smooth/600dpi	7315	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Detail/600dpi	7316	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Detail/600dpi	7316	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PS/Detail/600dpi	7316	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PCL/Smooth/600dpi	7317	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PCL/Smooth/600dpi	7317	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PCL/Smooth/600dpi	7317	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PCL/Detail/600dpi	7318	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PCL/Detail/600dpi	7318	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	PCL/Detail/600dpi	7318	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	XPS/Smooth/600dpi	7319	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	XPS/Smooth/600dpi	7319	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	XPS/Smooth/600dpi	7319	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	XPS/Detail/600dpi	7320	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	XPS/Detail/600dpi	7320	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PRT(black)	XPS/Detail/600dpi	7320	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Fine line enhancement switchover	PRT(black)		7322	0	PS	1	0-1	SYS	0: OFF 1: ON * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine line enhancement switchover	PRT(black)		7322	1	PCL	1	0-1	SYS	0: OFF 1: ON	4	Yes
05	Adjustment mode	Image Processing	Fine line enhancement switchover	PRT(black)		7322	2	XPS	1	0-1	SYS	0: OFF 1: ON * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	PRT(black)		7330	0	Emission level 0/4	0	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	PRT(black)		7330	1	Emission level 1/4	63	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	PRT(black)		7330	2	Emission level 2/4	127	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	PRT(black)		7330	3	Emission level 3/4	191	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	PRT(black)		7330	4	Emission level 4/4	255	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	Smudged/faint text adjustment	PRT(black)		7340		PS	0	0-8	SYS	The larger the value, the darker the small text and fine lines become and the more faint text is suppressed. * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Image Processing	Smudged/faint text adjustment	PRT(black)		7341		PCL	0	0-8	SYS	The larger the value, the darker the small text and fine lines become and the more faint text is suppressed.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Smudged/faint text adjustment	PRT(black)		7342		XPS	0	0-8	SYS	The larger the value, the darker the small text and fine lines become and the more faint text is suppressed. * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PS/Text	7360	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PS/Text	7360	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PS/Text	7360	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PS/Graphics	7361	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PS/Graphics	7361	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PS/Graphics	7361	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PS/Image	7362	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PS/Image	7362	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PS/Image	7362	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PCL/Text	7363	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PCL/Text	7363	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PCL/Text	7363	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PCL/Graphics	7364	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PCL/Graphics	7364	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PCL/Graphics	7364	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PCL/Image	7365	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PCL/Image	7365	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	PCL/Image	7365	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	XPS/Text	7366	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	XPS/Text	7366	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	XPS/Text	7366	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	XPS/Graphics	7367	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	XPS/Graphics	7367	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	XPS/Graphics	7367	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	XPS/Image	7368	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	XPS/Image	7368	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	Monochrome/600dpi/Auto	XPS/Image	7368	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	SCN(black)		7430		Text/Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	SCN(black)		7431		Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	SCN(black)		7432		Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	SCN(black)		7433		Gray scale	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	SCN(black)		7436		Text/Photo	128	0-255	SYS	The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	SCN(black)		7437		Text	128	0-255	SYS	The smaller the value, the lighter the background becomes.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Background adjustment	SCN(black)		7438		Photo	128	0-255	SYS	The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	SCN(black)		7439		Gray scale	128	0-255	SYS	The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	SCN(black)		7441		User custom	128	0-255	SYS	The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(black)	Manual adjustment/Center value	7444		Text/Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(black)	Manual adjustment/Center value	7445		Text	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(black)	Manual adjustment/Center value	7446		Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(black)	Manual adjustment/Center value	7447		Gray scale	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(black)	Automatic density adjustment	7456		Text/Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(black)	Automatic density adjustment	7457		Text	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(black)	Automatic density adjustment	7458		Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(black)	Automatic density adjustment	7459		Gray scale	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	SCN(black)		7470		User custom	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	
05	Adjustment mode	Image Processing	Density adjustment	SCN(black)	Manual adjustment/Center value	7475		User custom	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	
05	Adjustment mode	Image Processing	Density adjustment	SCN(black)	Automatic density adjustment	7478		User custom	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	User custom	7480	0	Low density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	User custom	7480	1	Medium density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	User custom	7480	2	High density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	Text/Photo	7485	0	Low density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	Text/Photo	7485	1	Medium density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	Text/Photo	7485	2	High density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	Photo	7487	0	Low density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	Photo	7487	1	Medium density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	Photo	7487	2	High density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	Gray scale	7488	0	Low density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	Gray scale	7488	1	Medium density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	
05	Adjustment mode	Image Processing	Gamma balance adjustment	SCN(black)	Gray scale	7488	2	High density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Image	NW scanning		7489		Amount of surrounding void	0	0-255	SYS	When the value increases, the blank area around the scanned image becomes wider. (e.g.: In network scanning with 600 dpi, if the setting value is "1", the blank area increases by 1 dot.)	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	FAX(black)	Manual adjustment/Center value	7533		Text/Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	
05	Adjustment mode	Image Processing	Density adjustment	FAX(black)	Manual adjustment/Center value	7534		Text	128	0-255	SYS	The larger the value, the lighter the image at the center value becomes.	1	
05	Adjustment mode	Image Processing	Density adjustment	FAX(black)	Manual adjustment/Center value	7535		Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	
05	Adjustment mode	Image Processing	Density adjustment	FAX(black)	Automatic density adjustment	7542		Text/Photo	128	0-255	SYS	The larger the value, the darker the image becomes.	1	
05	Adjustment mode	Image Processing	Density adjustment	FAX(black)	Automatic density adjustment	7543		Photo	128	0-255	SYS	The larger the value, the darker the image becomes.	1	
05	Adjustment mode	Image Processing	LED emission level adjustment	FAX(black)		7594	0	Emission level 0/4	0	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	FAX(black)		7594	1	Emission level 1/4	63	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	FAX(black)		7594	2	Emission level 2/4	127	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	FAX(black)		7594	3	Emission level 3/4	191	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes
05	Adjustment mode	Image Processing	LED emission level adjustment	FAX(black)		7594	4	Emission level 4/4	255	0-255	SYS	The smaller the value, the lower the emission level becomes and the smaller the dots are reproduced.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Blank page judgment threshold adjustment			7618		PPC/SCN	128	0-255	SYS	The larger the value, the more the original tends to be judged as a blank page.	1	Yes
05	Adjustment mode	Image Processing	ACS judgment threshold			7630		PPC/SCN	70	0-255	SYS	The larger the value, the more the original tends to be judged as black even in the auto color mode. The smaller value, the more it tends to be judged as color.	1	Yes
05	Adjustment mode	Image Processing	Black area adj. in twin color copy mode	PPC(color)	Selected 2colors	7641	0	High density	128	0-255	SYS	The larger the value, the larger the area recognized as black in the original becomes. The smaller the value, the larger the area recognized as colors other than black becomes.	4	Yes
05	Adjustment mode	Image Processing	Black area adj. in twin color copy mode	PPC(color)	Selected 2colors	7641	1	Medium density	128	0-255	SYS	The larger the value, the larger the area recognized as black in the original becomes. The smaller the value, the larger the area recognized as colors other than black becomes.	4	Yes
05	Adjustment mode	Image Processing	Black area adj. in twin color copy mode	PPC(color)	Selected 2colors	7641	2	Low density	128	0-255	SYS	The larger the value, the larger the area recognized as black in the original becomes. The smaller the value, the larger the area recognized as colors other than black becomes.	4	Yes
05	Adjustment mode	Image Processing	Black area adj. in twin color copy mode	PPC(color)	Black and red	7642	0	High density	128	0-255	SYS	The larger the value, the larger the area recognized as red in the original becomes. The smaller the value, the larger the area recognized as colors other than red becomes.	4	Yes
05	Adjustment mode	Image Processing	Black area adj. in twin color copy mode	PPC(color)	Black and red	7642	1	Medium density	128	0-255	SYS	The larger the value, the larger the area recognized as red in the original becomes. The smaller the value, the larger the area recognized as colors other than red becomes.	4	Yes
05	Adjustment mode	Image Processing	Black area adj. in twin color copy mode	PPC(color)	Black and red	7642	2	Low density	128	0-255	SYS	The larger the value, the larger the area recognized as red in the original becomes. The smaller the value, the larger the area recognized as colors other than red becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Magenta	7644	0	Y	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Magenta	7644	1	M	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Magenta	7644	2	C	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Magenta	7644	3	K	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Yellow	7645	0	Y	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Yellow	7645	1	M	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Yellow	7645	2	C	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Yellow	7645	3	K	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Yellow green	7646	0	Y	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Yellow green	7646	1	M	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Yellow green	7646	2	C	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Yellow green	7646	3	K	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Cyan	7647	0	Y	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Cyan	7647	1	M	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Cyan	7647	2	C	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Cyan	7647	3	K	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Pink	7648	0	Y	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Pink	7648	1	M	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Pink	7648	2	C	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Pink	7648	3	K	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Red	7649	0	Y	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Red	7649	1	M	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Red	7649	2	C	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Red	7649	3	K	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Orange	7650	0	Y	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Orange	7650	1	M	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Orange	7650	2	C	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Orange	7650	3	K	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Green	7651	0	Y	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Green	7651	1	M	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Green	7651	2	C	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Green	7651	3	K	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Blue	7652	0	Y	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Blue	7652	1	M	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Blue	7652	2	C	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color / twin color	Blue	7652	3	K	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying / twin color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Purple	7653	0	Y	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Purple	7653	1	M	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Purple	7653	2	C	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Copy color adjustment	Mono color	Purple	7653	3	K	128	0-255	SYS	Performs the density adjustment for the specified color during mono color copying. The larger the value, the darker the density. The smaller the value, the lighter the density.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)		7656		Text/Photo	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)		7657		Text	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)		7658		Photo	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)		7659		Photo (developing paper)	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)		7660		Map	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)		7661		User custom	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)		7662		Red seal color	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	1	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text/Photo	7665	0	Red	128	0-255	SYS	The larger the value, the darker the yellow becomes. The smaller the value, the darker the magenta becomes.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text/Photo	7665	1	Yellow	128	0-255	SYS	The larger the value, the darker the green becomes. The smaller the value, the darker the red becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text/Photo	7665	2	Green	128	0-255	SYS	The larger the value, the darker the cyan becomes. The smaller the value, the darker the yellow becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text/Photo	7665	3	Cyan	128	0-255	SYS	The larger the value, the darker the blue becomes. The smaller the value, the darker the green becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text/Photo	7665	4	Blue	128	0-255	SYS	The larger the value, the darker the magenta becomes. The smaller the value, the darker the cyan becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text/Photo	7665	5	Magenta	128	0-255	SYS	The larger the value, the darker the red becomes. The smaller the value, the darker the blue becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text	7666	0	Red	128	0-255	SYS	The larger the value, the darker the yellow becomes. The smaller the value, the darker the magenta becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text	7666	1	Yellow	128	0-255	SYS	The larger the value, the darker the green becomes. The smaller the value, the darker the red becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text	7666	2	Green	128	0-255	SYS	The larger the value, the darker the cyan becomes. The smaller the value, the darker the yellow becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text	7666	3	Cyan	128	0-255	SYS	The larger the value, the darker the blue becomes. The smaller the value, the darker the green becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text	7666	4	Blue	128	0-255	SYS	The larger the value, the darker the magenta becomes. The smaller the value, the darker the cyan becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Text	7666	5	Magenta	128	0-255	SYS	The larger the value, the darker the red becomes. The smaller the value, the darker the blue becomes.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo	7667	0	Red	128	0-255	SYS	The larger the value, the darker the yellow becomes. The smaller the value, the darker the magenta becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo	7667	1	Yellow	128	0-255	SYS	The larger the value, the darker the green becomes. The smaller the value, the darker the red becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo	7667	2	Green	128	0-255	SYS	The larger the value, the darker the cyan becomes. The smaller the value, the darker the yellow becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo	7667	3	Cyan	128	0-255	SYS	The larger the value, the darker the blue becomes. The smaller the value, the darker the green becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo	7667	4	Blue	128	0-255	SYS	The larger the value, the darker the magenta becomes. The smaller the value, the darker the cyan becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo	7667	5	Magenta	128	0-255	SYS	The larger the value, the darker the red becomes. The smaller the value, the darker the blue becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo (developing paper)	7668	0	Red	128	0-255	SYS	The larger the value, the darker the yellow becomes. The smaller the value, the darker the magenta becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo (developing paper)	7668	1	Yellow	128	0-255	SYS	The larger the value, the darker the green becomes. The smaller the value, the darker the red becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo (developing paper)	7668	2	Green	128	0-255	SYS	The larger the value, the darker the cyan becomes. The smaller the value, the darker the yellow becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo (developing paper)	7668	3	Cyan	128	0-255	SYS	The larger the value, the darker the blue becomes. The smaller the value, the darker the green becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo (developing paper)	7668	4	Blue	128	0-255	SYS	The larger the value, the darker the magenta becomes. The smaller the value, the darker the cyan becomes.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Photo (developing paper)	7668	5	Magenta	128	0-255	SYS	The larger the value, the darker the red becomes. The smaller the value, the darker the blue becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Map	7669	0	Red	128	0-255	SYS	The larger the value, the darker the yellow becomes. The smaller the value, the darker the magenta becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Map	7669	1	Yellow	128	0-255	SYS	The larger the value, the darker the green becomes. The smaller the value, the darker the red becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Map	7669	2	Green	128	0-255	SYS	The larger the value, the darker the cyan becomes. The smaller the value, the darker the yellow becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Map	7669	3	Cyan	128	0-255	SYS	The larger the value, the darker the blue becomes. The smaller the value, the darker the green becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Map	7669	4	Blue	128	0-255	SYS	The larger the value, the darker the magenta becomes. The smaller the value, the darker the cyan becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Map	7669	5	Magenta	128	0-255	SYS	The larger the value, the darker the red becomes. The smaller the value, the darker the blue becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	User custom	7670	0	Red	128	0-255	SYS	The larger the value, the darker the yellow becomes. The smaller the value, the darker the magenta becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	User custom	7670	1	Yellow	128	0-255	SYS	The larger the value, the darker the green becomes. The smaller the value, the darker the red becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	User custom	7670	2	Green	128	0-255	SYS	The larger the value, the darker the cyan becomes. The smaller the value, the darker the yellow becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	User custom	7670	3	Cyan	128	0-255	SYS	The larger the value, the darker the blue becomes. The smaller the value, the darker the green becomes.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	User custom	7670	4	Blue	128	0-255	SYS	The larger the value, the darker the magenta becomes. The smaller the value, the darker the cyan becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	User custom	7670	5	Magenta	128	0-255	SYS	The larger the value, the darker the red becomes. The smaller the value, the darker the blue becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Red seal color	7671	0	Red	128	0-255	SYS	The larger the value, the darker the yellow becomes. The smaller the value, the darker the magenta becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Red seal color	7671	1	Yellow	128	0-255	SYS	The larger the value, the darker the green becomes. The smaller the value, the darker the red becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Red seal color	7671	2	Green	128	0-255	SYS	The larger the value, the darker the cyan becomes. The smaller the value, the darker the yellow becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Red seal color	7671	3	Cyan	128	0-255	SYS	The larger the value, the darker the blue becomes. The smaller the value, the darker the green becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Red seal color	7671	4	Blue	128	0-255	SYS	The larger the value, the darker the magenta becomes. The smaller the value, the darker the cyan becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of hue	PPC(color)	Red seal color	7671	5	Magenta	128	0-255	SYS	The larger the value, the darker the red becomes. The smaller the value, the darker the blue becomes.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text/Photo	7675	0	Red	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text/Photo	7675	1	Yellow	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text/Photo	7675	2	Green	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text/Photo	7675	3	Cyan	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text/Photo	7675	4	Blue	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text/Photo	7675	5	Magenta	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text	7676	0	Red	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text	7676	1	Yellow	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text	7676	2	Green	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text	7676	3	Cyan	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text	7676	4	Blue	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Text	7676	5	Magenta	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo	7677	0	Red	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo	7677	1	Yellow	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo	7677	2	Green	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo	7677	3	Cyan	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo	7677	4	Blue	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo	7677	5	Magenta	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo (developing paper)	7678	0	Red	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo (developing paper)	7678	1	Yellow	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo (developing paper)	7678	2	Green	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo (developing paper)	7678	3	Cyan	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo (developing paper)	7678	4	Blue	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Photo (developing paper)	7678	5	Magenta	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Map	7679	0	Red	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Map	7679	1	Yellow	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Map	7679	2	Green	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Map	7679	3	Cyan	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Map	7679	4	Blue	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Map	7679	5	Magenta	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	User custom	7680	0	Red	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	User custom	7680	1	Yellow	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	User custom	7680	2	Green	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	User custom	7680	3	Cyan	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	User custom	7680	4	Blue	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	User custom	7680	5	Magenta	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Red seal color	7681	0	Red	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Red seal color	7681	1	Yellow	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Red seal color	7681	2	Green	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Red seal color	7681	3	Cyan	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Red seal color	7681	4	Blue	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Fine adjustment of saturation	PPC(color)	Red seal color	7681	5	Magenta	128	0-255	SYS	Input the larger value to increase the saturation, and input the smaller value to decrease the saturation.	4	
05	Adjustment mode	Image Processing	Color reproduction selection	PPC(color)		7690		User custom	0	0-4	SYS	0: Text/Photo, printed photo, text, map 1: Photo (developing paper) 2: Reproduction of red seal color 3, 4: Text/Photo, printed photo, text, map	1	
05	Adjustment mode	Image Processing	Color reproduction selection	PPC(color)		7691		Reproduction of red seal color	2	0-4	SYS	0: Text/Photo, printed photo, text, map 1: Photo (developing paper) 2: Reproduction of red seal color 3, 4: Text/Photo, printed photo, text, map	1	
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)	Mono color	7707		Text/Photo	128	0-255	SYS	The larger the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)	Mono color	7708		Text	128	0-255	SYS	The larger the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)	Mono color	7709		Printed image	128	0-255	SYS	The larger the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)	Twin color	7710		Text/Photo	128	0-255	SYS	The larger the value, the lighter the background becomes.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)	Twin color	7711		Text	128	0-255	SYS	The larger the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PPC(color)	Twin color	7712		Printed image	128	0-255	SYS	The larger the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Manual adjustment/Center value	7713		Text/Photo	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Manual adjustment/Center value	7714		Text	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Manual adjustment/Center value	7715		Printed image	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Manual adjustment/Center value	7716		Photo (developing paper)	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Manual adjustment/Center value	7717		Map	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Manual adjustment/Center value	7718		User custom	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Manual adjustment/Center value	7719		Red seal color	128	0-255	SYS	The larger the value, the darker the image becomes.	1	
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Automatic density adjustment	7720		Text/Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Automatic density adjustment	7721		Text	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Automatic density adjustment	7722		Printed image	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Automatic density adjustment	7723		Photo (developing paper)	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Automatic density adjustment	7724		Map	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Automatic density adjustment	7725		User custom	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	PPC(color)	Automatic density adjustment	7726		Red seal color	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	
05	Adjustment mode	Image Processing	Density adjustment	Mono color	Manual adjustment/Center value	7727		Text/Photo	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Density adjustment	Mono color	Manual adjustment/Center value	7728		Text	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	Mono color	Manual adjustment/Center value	7729		Printed image	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	Mono color	Automatic density adjustment	7730		Text/Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	Mono color	Automatic density adjustment	7731		Text	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	Mono color	Automatic density adjustment	7732		Printed image	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	Twin color	Manual adjustment/Center value	7733		Text/Photo	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	Twin color	Manual adjustment/Center value	7734		Text	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	Twin color	Manual adjustment/Center value	7735		Printed image	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	Twin color	Automatic density adjustment	7736		Text/Photo	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	Twin color	Automatic density adjustment	7737		Text	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	Twin color	Automatic density adjustment	7738		Printed image	128	0-255	SYS	The larger the value, the darker the image at the center value becomes.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Full color	7794		Red seal color	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Full color	7795		User custom	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Full color	7796		Text/Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Full color	7797		Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Full color	7798		Printed image	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Full color	7799		Photo (developing paper)	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Full color	7800		Map	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Mono color	7801		Text/Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Mono color	7802		Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Mono color	7803		Printed image	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Twin color	7804		Text/Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Twin color	7805		Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PPC(color)	Twin color	7806		Printed image	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Black header density level adjustment	PPC(color)		7811		Text/Photo	0	0-8	SYS	The larger the value, the darker the header becomes. The smaller the value, the lighter the header becomes	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Black header density level adjustment	PPC(color)		7812		Text	0	0-8	SYS	The larger the value, the darker the header becomes. The smaller the value, the lighter the header becomes	1	Yes
05	Adjustment mode	Image Processing	Black header density level adjustment	PPC(color)		7816		User custom	0	0-8	SYS	The larger the value, the darker the header becomes. The smaller the value, the lighter the header becomes	1	Yes
05	Adjustment mode	Image Processing	Black header density level adjustment	PPC(color)		7817		Red seal color	0	0-8	SYS	The larger the value, the darker the header becomes. The smaller the value, the lighter the header becomes	1	
05	Adjustment mode	Image Processing	Text/Photo reproduction level adjustment	PPC(color)		7840		Text/Photo	0	0-9	SYS	1 to 4: Photo-oriented 0, 5: Default 6 to 9: Text-oriented * Text is blurred if the value is to small. Noise increases in the photo area if the value is to large.	1	Yes
05	Adjustment mode	Image Processing	Text/Photo reproduction level adjustment	PPC(color)		7841		User custom	0	0-9	SYS	1 to 4: Photo-oriented 0, 5: Default 6 to 9: Text-oriented * Text is blurred if the value is to small. Noise increases in the photo area if the value is to large.	1	Yes
05	Adjustment mode	Image Processing	Text/Photo reproduction level adjustment	PPC(color)		7842		Red seal color	0	0-9	SYS	1 to 4: Photo-oriented 0, 5: Default 6 to 9: Text-oriented * Text is blurred if the value is to small. Noise increases in the photo area if the value is to large.	1	
05	Adjustment mode	Image Processing	Marker color adjustment			7850	0	PPC(color) "Y"	3	0-6	SYS	The color of the one-touch adjustment “Marker” can be adjusted.	4	Yes
05	Adjustment mode	Image Processing	Marker color adjustment			7850	1	PPC(color) "M"	3	0-6	SYS	The color of the one-touch adjustment “Marker” can be adjusted.	4	Yes
05	Adjustment mode	Image Processing	Marker color adjustment			7850	2	PPC(color) "C"	3	0-6	SYS	The color of the one-touch adjustment “Marker” can be adjusted.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Marker color adjustment			7850	3	PPC(color) "R"	3	0-6	SYS	The color of the one-touch adjustment “Marker” can be adjusted.	4	Yes
05	Adjustment mode	Image Processing	Marker color adjustment			7850	4	PPC(color) "G"	3	0-6	SYS	The color of the one-touch adjustment “Marker” can be adjusted.	4	Yes
05	Adjustment mode	Image Processing	Marker color adjustment			7850	5	PPC(color) "B"	3	0-6	SYS	The color of the one-touch adjustment “Marker” can be adjusted.	4	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7869		All media types	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied to all media types.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7871	0	Plain paper	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7871	2	Recycled paper	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7871	3	Thick paper1	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7871	4	Thick paper2	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7871	5	Thick paper3	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7871	6	Thick paper4	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7871	7	Special paper1	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied to all media types.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7871	8	Special paper2	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7871	9	Special paper3	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PPC(color)	Color/Black	7871	10	Thin paper	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Maximum text density adjustment	PPC(color)		7889		Y	5	0-10	SYS	The larger the value, the darker the text becomes.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum text density adjustment	PPC(color)		7890		M	5	0-10	SYS	The larger the value, the darker the text becomes.	1	
05	Adjustment mode	Image Processing	Maximum text density adjustment	PPC(color)		7891		C	5	0-10	SYS	The larger the value, the darker the text becomes.	1	
05	Adjustment mode	Image Processing	Maximum text density adjustment	PPC(color)		7892		K	5	0-10	SYS	The larger the value, the darker the text becomes.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7899		Special paper 3	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7900		Thin paper	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7901		Envelope	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7902		Plain paper	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7904		Recycled paper	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7905		Thick paper1	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7906		Thick paper2	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7907		Thick paper3	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7908		Thick paper4	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7909		Special paper1	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7910		Special paper2	255	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PPC(color)		7911		OHP film	240	0-255	SYS	The smaller the value, the less toner is adhered to the high-density section of the image.	1	
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	0	Plain paper	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	2	Recycled paper	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	3	Thick paper 1	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	4	Thick paper 2	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	5	Thick paper 3	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	6	Thick paper 4	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	7	Special paper 1	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	8	Special paper 2	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	9	Special paper 3	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	10	Thin paper	68	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	11	Envelope	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold setting	PPC(color)		7913	12	OHP film	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Gray scale	7956	0	Low density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Gray scale	7956	1	Medium density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Gamma balance adjustment	PPC(black)	Gray scale	7956	2	High density	128	0-255	SYS	The larger the value, the darker the image of the area surrounding the target area becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Text/Photo	7960	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Text/Photo	7960	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Text/Photo	7960	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Text	7961	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Text	7961	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Text	7961	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Printed image	7962	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Printed image	7962	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Printed image	7962	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Photo (developing paper)	7963	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Photo (developing paper)	7963	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Photo (developing paper)	7963	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Map	7964	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Map	7964	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Map	7964	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Text/Photo	7965	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Text/Photo	7965	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Text/Photo	7965	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Text	7966	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Text	7966	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Text	7966	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Printed image	7967	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Printed image	7967	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Printed image	7967	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Photo (developing paper)	7968	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Photo (developing paper)	7968	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Photo (developing paper)	7968	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Map	7969	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Map	7969	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Map	7969	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Text/Photo	7970	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Text/Photo	7970	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Text/Photo	7970	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Text	7971	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Text	7971	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Text	7971	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Printed image	7972	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Printed image	7972	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Printed image	7972	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Photo (developing paper)	7973	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Photo (developing paper)	7973	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Photo (developing paper)	7973	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Map	7974	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Map	7974	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Map	7974	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Text/Photo	7975	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Text/Photo	7975	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Text/Photo	7975	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Text	7976	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Text	7976	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Text	7976	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Printed image	7977	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Printed image	7977	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Printed image	7977	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Photo (developing paper)	7978	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Photo (developing paper)	7978	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Photo (developing paper)	7978	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Map	7979	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Map	7979	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Map	7979	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	User custom	7980	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	User custom	7980	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	User custom	7980	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	User custom	7981	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	User custom	7981	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	User custom	7981	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	User custom	7982	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	User custom	7982	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	User custom	7982	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	User custom	7983	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	User custom	7983	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	User custom	7983	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Red seal color	7984	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Red seal color	7984	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "Y"	Red seal color	7984	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Red seal color	7985	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Red seal color	7985	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "M"	Red seal color	7985	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Red seal color	7986	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Red seal color	7986	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "C"	Red seal color	7986	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Red seal color	7987	0	Low density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Red seal color	7987	1	Medium density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Color balance adjustment	PPC(color) "K"	Red seal color	7987	2	High density	128	0-255	SYS	The target color, mode and density area become darker as the value increases.	4	
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8004	0	Plain paper	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8004	2	Recycled paper	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8004	3	Thick paper1	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8004	4	Thick paper2	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8004	5	Thick paper3	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8004	6	Thick paper4	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8004	7	Special paper1	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8004	8	Special paper2	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8004	9	Special paper3	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8004	10	Thin paper	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8005	0	Plain paper	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type. * This code is not supported by LL20/25ppm model.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8005	2	Recycled paper	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type. * This code is not supported by LL20/25ppm model.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8005	3	Thick paper1	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type. * This code is not supported by LL20/25ppm model.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8005	4	Thick paper2	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type. * This code is not supported by LL20/25ppm model.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8005	5	Thick paper3	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8005	6	Thick paper4	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8005	7	Special paper1	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type. * This code is not supported by LL20/25ppm model.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8005	8	Special paper2	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type. * This code is not supported by LL20/25ppm model.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8005	9	Special paper3	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8005	10	Thin paper	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied for each media type.	7	Yes
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	600dpi	8008		All media types	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied to all media types.	7	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Automatic gamma adjustment	PRT(color)	1200dpi	8009		All media types	-	-	SYS	When color deviation is found in gradation reproduction, the gradation reproduction of 4 colors can be corrected with the automatic gamma adjustment. The result of the correction above will be applied to all media types. * This code is not supported by LL20/25ppm model.	7	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Smooth/Color/600dpi	8010	0	PS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Smooth/Color/600dpi	8010	1	PCL	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Smooth/Color/600dpi	8010	2	XPS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Smooth/Twin color/600dpi	8011	0	PS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Smooth/Twin color/600dpi	8011	1	PCL	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Smooth/Twin color/600dpi	8011	2	XPS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Background adjustment	PRT(black)	Smooth/Monocolor/600dpi	8012	0	PS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(black)	Smooth/Monocolor/600dpi	8012	1	PCL	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(black)	Smooth/Monocolor/600dpi	8012	2	XPS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Detail/Color/600dpi	8013	0	PS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Detail/Color/600dpi	8013	1	PCL	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Detail/Color/600dpi	8013	2	XPS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Detail/Twin color/600dpi	8014	0	PS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Detail/Twin color/600dpi	8014	1	PCL	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)	Detail/Twin color/600dpi	8014	2	XPS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(black)	Detail/Monocolor/600 dpi	8015	0	PS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(black)	Detail/Monocolor/600 dpi	8015	1	PCL	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(black)	Detail/Monocolor/600 dpi	8015	2	XPS	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)		8016		Smooth/Color/1200 dpi	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(color)		8017		Detail/Color/1200 dpi	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(black)		8018		Smooth/Black/1200 dpi	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	PRT(black)		8019		Detail/Black/1200 dpi	128	0-255	SYS	The larger the value, the darker the background becomes. The smaller the value, the lighter the background becomes. * This code is not supported by LL20/25ppm model.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "K"		8023	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "K"		8023	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "K"		8023	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "C"	Y	8024	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "C"	Y	8024	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "C"	Y	8024	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "C"	M	8025	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "C"	M	8025	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "C"	M	8025	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "C"	C	8026	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "C"	C	8026	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "C"	C	8026	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "M"	Y	8027	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "M"	Y	8027	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "M"	Y	8027	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "M"	M	8028	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "M"	M	8028	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "M"	M	8028	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "M"	C	8029	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "M"	C	8029	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "M"	C	8029	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Y"	Y	8030	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Y"	Y	8030	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Y"	Y	8030	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Y"	M	8031	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Y"	M	8031	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Y"	M	8031	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Y"	C	8032	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Y"	C	8032	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Y"	C	8032	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Red"	Y	8033	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Red"	Y	8033	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Red"	Y	8033	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Red"	M	8034	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Red"	M	8034	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Red"	M	8034	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Red"	C	8035	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Red"	C	8035	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Red"	C	8035	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Green"	Y	8036	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Green"	Y	8036	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Green"	Y	8036	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Green"	M	8037	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Green"	M	8037	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Green"	M	8037	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Green"	C	8038	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Green"	C	8038	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Green"	C	8038	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Blue"	Y	8039	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Blue"	Y	8039	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Blue"	Y	8039	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Blue"	M	8040	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Blue"	M	8040	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Blue"	M	8040	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Blue"	C	8041	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Blue"	C	8041	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	2 color printing/PRT(color) "Blue"	C	8041	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	XPS/Smooth/600dpi	8042	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	XPS/Smooth/600dpi	8042	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	XPS/Smooth/600dpi	8042	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	XPS/Smooth/600dpi	8043	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	XPS/Smooth/600dpi	8043	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	XPS/Smooth/600dpi	8043	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	XPS/Smooth/600dpi	8044	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	XPS/Smooth/600dpi	8044	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	XPS/Smooth/600dpi	8044	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	XPS/Smooth/600dpi	8045	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	XPS/Smooth/600dpi	8045	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	XPS/Smooth/600dpi	8045	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	XPS/Detail/600dpi	8046	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	XPS/Detail/600dpi	8046	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	XPS/Detail/600dpi	8046	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	XPS/Detail/600dpi	8047	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	XPS/Detail/600dpi	8047	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	XPS/Detail/600dpi	8047	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	XPS/Detail/600dpi	8048	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	XPS/Detail/600dpi	8048	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	XPS/Detail/600dpi	8048	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	XPS/Detail/600dpi	8049	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	XPS/Detail/600dpi	8049	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	XPS/Detail/600dpi	8049	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PS/Smooth/600dpi	8050	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PS/Smooth/600dpi	8050	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PS/Smooth/600dpi	8050	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PS/Smooth/600dpi	8051	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PS/Smooth/600dpi	8051	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PS/Smooth/600dpi	8051	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PS/Smooth/600dpi	8052	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PS/Smooth/600dpi	8052	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PS/Smooth/600dpi	8052	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PS/Smooth/600dpi	8053	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PS/Smooth/600dpi	8053	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PS/Smooth/600dpi	8053	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PS/Detail/600dpi	8054	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PS/Detail/600dpi	8054	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PS/Detail/600dpi	8054	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PS/Detail/600dpi	8055	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PS/Detail/600dpi	8055	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PS/Detail/600dpi	8055	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PS/Detail/600dpi	8056	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PS/Detail/600dpi	8056	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PS/Detail/600dpi	8056	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PS/Detail/600dpi	8057	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PS/Detail/600dpi	8057	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PS/Detail/600dpi	8057	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PCL/Smooth/600dpi	8058	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PCL/Smooth/600dpi	8058	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PCL/Smooth/600dpi	8058	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PCL/Smooth/600dpi	8059	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PCL/Smooth/600dpi	8059	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PCL/Smooth/600dpi	8059	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PCL/Smooth/600dpi	8060	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PCL/Smooth/600dpi	8060	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PCL/Smooth/600dpi	8060	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PCL/Smooth/600dpi	8061	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PCL/Smooth/600dpi	8061	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PCL/Smooth/600dpi	8061	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PCL/Detail/600dpi	8062	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PCL/Detail/600dpi	8062	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "Y"	PCL/Detail/600dpi	8062	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PCL/Detail/600dpi	8063	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PCL/Detail/600dpi	8063	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "M"	PCL/Detail/600dpi	8063	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PCL/Detail/600dpi	8064	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PCL/Detail/600dpi	8064	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "C"	PCL/Detail/600dpi	8064	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PCL/Detail/600dpi	8065	0	Low density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PCL/Detail/600dpi	8065	1	Medium density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color) "K"	PCL/Detail/600dpi	8065	2	High density	128	0-255	SYS	The larger the value, the darker only the target color becomes.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	NW PRT (color)		8066		Switchover of adjustment mode	1	0-1	SYS	Switches the image processing method for the density of solid images at color balance adjustment for network printing. 0: Adjusts color balance with the solid image density fixed 1: Adjusts color balance with the solid image density	1	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	0	Plain paper	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	2	Recycled paper	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	3	Thick paper1	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	4	Thick paper2	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	5	Thick paper3	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	6	Thick paper4	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	7	Special paper1	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	8	Special paper2	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	9	Special paper3	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	10	Thin paper	68	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	11	Envelope	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Detail	8070	12	OHP film	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	0	Plain paper	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	2	Recycled paper	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	3	Thick paper1	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	4	Thick paper2	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	5	Thick paper3	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	6	Thick paper4	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	7	Special paper1	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	8	Special paper2	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	9	Special paper3	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	10	Thin paper	68	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	11	Envelope	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/600 dpi)	Smooth	8071	12	OHP film	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	Yes
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	0	Plain paper	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	2	Recycled paper	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	3	Thick paper1	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	4	Thick paper2	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	5	Thick paper3	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	6	Thick paper4	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	7	Special paper1	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	8	Special paper2	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	9	Special paper3	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	10	Thin paper	68	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	11	Envelope	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Detail	8089	12	Overhead transparencies	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	0	Plain paper	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	2	Recycled paper	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	3	Thick paper1	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	4	Thick paper2	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	5	Thick paper3	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	6	Thick paper4	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	7	Special paper1	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	8	Special paper2	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	9	Special paper3	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	10	Thin paper	68	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	11	Envelope	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Maximum toner density threshold adj.	PRT(color/1200 dpi)	Smooth	8090	12	Overhead transparencies	128	0-255	SYS	The larger the value, the larger the maximum amount of toner to be adhered becomes. The smaller the value, the smaller the maximum amount of toner to be adhered becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Fine line enhancement switchover	PRT(color)		8102	0	PS	1	0-1	SYS	0: OFF 1: ON * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Fine line enhancement switchover	PRT(color)		8102	1	PCL	1	0-1	SYS	0: OFF 1: ON	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine line enhancement switchover	PRT(color)		8102	2	XPS	1	0-1	SYS	0: OFF 1: ON * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Twin color	8108	0	Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Twin color	8108	1	Graphics	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Twin color	8108	2	Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS	8109	0	Red seal color/Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS	8109	1	Red seal color/Graphics	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS	8109	2	Red seal color/Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/General	8110	0	Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/General	8110	1	Graphics	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/General	8110	2	Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Photograph	8111	0	Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Photograph	8111	1	Graphics	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Photograph	8111	2	Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Presentation	8112	0	Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Presentation	8112	1	Graphics	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Presentation	8112	2	Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Line art	8113	0	Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Line art	8113	1	Graphics	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(color)	e-BRIDGE/PS/Line art	8113	2	Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(black)	e-BRIDGE/PS	8118	0	Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes. If the value of 05-7322 is "0", the adjustment is applied to text, and if the value is "1", the adjustment is applied to text and others. 0: No adjustment	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(black)	e-BRIDGE/PS	8118	1	Graphics	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes. If the value of 05-7322 is "0", the adjustment is applied to graphics, and if the value is "1", the adjustment is applied to thin text. 0: No adjustment	4	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	PRT(black)	e-BRIDGE/PS	8118	2	Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes.	4	Yes
05	Adjustment mode	Image Processing	Smudged/faint text adjustment	PRT(color)		8130		PS	0	0-8	SYS	The larger the value, the darker the small text and fine lines become and the more faint text is suppressed. * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Image Processing	Smudged/faint text adjustment	PRT(color)		8131		PCL	0	0-8	SYS	The larger the value, the darker the small text and fine lines become and the more faint text is suppressed.	1	Yes
05	Adjustment mode	Image Processing	Smudged/faint text adjustment	PRT(color)		8132		XPS	0	0-8	SYS	The larger the value, the darker the small text and fine lines become and the more faint text is suppressed. * This code is not supported by LL20/25ppm model.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PRT(color/600 dpi)		8145		OHP film	200	0-255	SYS	The larger the value, the darker the image becomes. The smaller the value, the lighter the image becomes. * Image offset may occur if the value is too large.	1	Yes
05	Adjustment mode	Image Processing	Maximum toner density adjustment	PRT(color/1200 dpi)		8149		OHP film	200	0-255	SYS	The larger the value, the darker the image becomes. The smaller the value, the lighter the image becomes. * Image offset may occur if the value is too large. * This code is not supported by LL20/25ppm model.	1	
05	Adjustment mode	Image Processing	Upper limit value in toner saving mode	PRT color/Two-color	600 dpi	8160	0	PS	176	0-255	SYS	The smaller the value, the lighter the printed image becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Upper limit value in toner saving mode	PRT color/Two-color	600 dpi	8160	1	PCL	176	0-255	SYS	The smaller the value, the lighter the printed image becomes.	4	Yes
05	Adjustment mode	Image Processing	Upper limit value in toner saving mode	PRT color/Two-color	600 dpi	8160	2	XPS	176	0-255	SYS	The smaller the value, the lighter the printed image becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Upper limit value in toner saving mode	PRT color	1200 dpi	8161		PS	176	0-255	SYS	The smaller the value, the lighter the printed image becomes. * This code is not supported by LL20/25ppm model.	1	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Text	8210	0	General	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Text	8210	1	Photo	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Text	8210	2	Presentation	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Text	8210	3	Line art	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Graphic	8211	0	General	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Graphic	8211	1	Photo	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Graphic	8211	2	Presentation	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Graphic	8211	3	Line art	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Image	8212	0	General	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Image	8212	1	Photo	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Image	8212	2	Presentation	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PCL/Image	8212	3	Line art	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	Twin color print/General	8213		Text	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	1	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	Twin color print/General	8214		Graphics	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	1	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	Twin color print/General	8215		Image	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes.	1	Yes
05	Adjustment mode	Image Processing	Black selection	PRT(color)	Twin color print	8218		Photo	0	0-1	SYS	Sets whether the image on an original is printed in the color or the black mode. 0: OFF (printed in color) 1: ON (printed in black)	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Stroke adjustment	PS/PDF automatic stroke adjustment	600dpi	8239	0	Default setting	1	0-3	SYS	This code is used to change the width of fine lines in PS and PDF printing. Automatic stroke adjustment is the function that prevents the width from changing according to the position. This code sets whether automatic stroke adjustment is enabled or disabled if it is not included in the print data. If this setting is disabled, there will be an increase in cases in which the width of fine lines becomes thicker by 1 dot when they are printed. 0: Disabled 1: Enabled 2: Forcibly disabled (Ignores command in printing data) 3: Forcibly enabled (Ignores command in printing data)	4	
05	Adjustment mode	Image Processing	Stroke adjustment	PS/PDF automatic stroke adjustment	600dpi	8239	1	Minimum stroke width when disabled	1	1-2	SYS	This code is used to change the width of fine lines in PS and PDF printing. Automatic stroke adjustment is the function that prevents the width from changing according to the position. This code sets the minimum width of fine lines when the automatic stroke adjustment is disabled. For example, if automatic stroke adjustment is disabled and the width of fine lines is set to "0" in the PS command, the width of the lines becomes 1 dot if the value of this code is set to "1"; equally, if it is set to “2”, the width of the lines becomes 2 dots. 1: 1 dot 2: 2 dots	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Stroke adjustment	PS/PDF automatic stroke adjustment	1200dpi	8239	2	Default setting	1	0-3	SYS	This code is used to change the width of fine lines in PS and PDF printing. Automatic stroke adjustment is the function that prevents the width from changing according to the position. This code sets whether automatic stroke adjustment is enabled or disabled if it is not included in the print data. If this setting is disabled, there will be an increase in cases in which the width of fine lines becomes thicker by 1 dot when they are printed. 0: Disabled 1: Enabled 2: Forcibly disabled (Ignores command in printing data) 3: Forcibly enabled (Ignores command in printing data) * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Stroke adjustment	PS/PDF automatic stroke adjustment	1200dpi	8239	3	Minimum stroke width when disabled	1	1-2	SYS	This code is used to change the width of fine lines in PS and PDF printing. Automatic stroke adjustment is the function that prevents the width from changing according to the position. This code sets the minimum width of fine lines when the automatic stroke adjustment is disabled. For example, if automatic stroke adjustment is disabled and the width of fine lines is set to "0" in the PS command, the width of the lines becomes 1 dot if the value of this code is set to "1"; equally, if it is set to “2”, the width of the lines becomes 2 dots. 1: 1 dot 2: 2 dots * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Line width minimum value adjustment	PRT(color)		8240		600dpi	2	1-9	SYS	The larger the value, the darker the fine lines become.	1	Yes
05	Adjustment mode	Image Processing	Line width minimum value adjustment	PRT(color)		8241		1200dpi	2	1-9	SYS	The larger the value, the darker the fine lines become. * This code is not supported by LL20/25ppm model.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Line density adjustment	PRT(color)	1200dpi	8242	0	Gray (K)	3	0-5	SYS	The larger the value, the darker the fine line becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Line density adjustment	PRT(color)	1200dpi	8242	1	Color (CMYK)	1	0-5	SYS	The larger the value, the darker the fine line becomes. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Line density adjustment	PRT(color)	1200dpi	8243	0	Gray (K) lower limit value	1	0-255	SYS	Specifies the effective density range of 05-8242 from 0 to 255. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Line density adjustment	PRT(color)	1200dpi	8243	1	Gray (K) upper limit value	200	0-255	SYS	Specifies the effective density range of 05-8242 from 0 to 255. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Line density adjustment	PRT(color)	1200dpi	8243	2	Color (CMYK) lower limit value	1	0-255	SYS	Specifies the effective density range of 05-8242 from 0 to 255. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Line density adjustment	PRT(color)	1200dpi	8243	3	Color (CMYK) upper limit value	255	0-255	SYS	Specifies the effective density range of 05-8242 from 0 to 255. * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Auto Trapping setting			8244	0	Trapping width (dot)	3	1-3	SYS	Sets the value of width for Auto Trapping. When the value increases, the bigger gap is suppressed, but the overlap part becomes more visible. 1: 1 dot 2: 2 dot 3: 3 dot * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Auto Trapping setting			8244	1	Trapping density (%)	0	0-3	SYS	Sets the value of density for Auto Trapping. When the value increases, the bigger gap is suppressed, but the overlap part becomes more visible. 0: 100% 1: 75% 2: 50% 3: 25% * This code is not supported by LL20/25ppm model.	4	
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Text	8249	0	General	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Text	8249	1	Photo	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Text	8249	2	Presentation	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Text	8249	3	Line art	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Text	8249	4	Advanced	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Graphic	8250	0	General	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Graphic	8250	1	Photo	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Graphic	8250	2	Presentation	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Graphic	8250	3	Line art	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Graphic	8250	4	Advanced	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Image	8251	0	General	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Image	8251	1	Photo	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Image	8251	2	Presentation	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Image	8251	3	Line art	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	XPS/Image	8251	4	Advanced	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Text	8252	0	General	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Text	8252	1	Photo	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Text	8252	2	Presentation	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Text	8252	3	Line art	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Text	8252	4	Advanced	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Graphic	8253	0	General	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Graphic	8253	1	Photo	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Graphic	8253	2	Presentation	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Graphic	8253	3	Line art	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Graphic	8253	4	Advanced	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Image	8254	0	General	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Image	8254	1	Photo	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Image	8254	2	Presentation	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Image	8254	3	Line art	8	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Pure Black/Gray threshold adjustment	PRT(color)	PS/Image	8254	4	Advanced	1	1-255	SYS	The larger the value, the wider the range of colors to be replaced with black becomes. The smaller the value, the narrower the range becomes. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/Y	8268	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/Y	8268	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/Y	8268	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/M	8269	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/M	8269	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/M	8269	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/C	8270	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/C	8270	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/C	8270	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/K	8271	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/K	8271	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Smooth/1200dpi/K	8271	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/Y	8272	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/Y	8272	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/Y	8272	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/M	8273	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/M	8273	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/M	8273	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/C	8274	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/C	8274	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/C	8274	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/K	8275	0	Low density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/K	8275	1	Medium density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	Color balance adjustment	PRT(color)	PS/Detail/1200dpi/K	8275	2	High density	128	0-255	SYS	When the value increases, the density in the target area becomes higher. * This code is not supported by LL20/25ppm model.	4	Yes
05	Adjustment mode	Image Processing	JPEG compression level	NW SCN(color)		8304	0	High quality	128	0-255	SYS	When the value increases, the quality gets better, and the file size gets larger.	4	
05	Adjustment mode	Image Processing	JPEG compression level	NW SCN(color)		8304	1	Standard	128	0-255	SYS	When the value increases, the quality gets better, and the file size gets larger.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	JPEG compression level	NW SCN(color)		8304	2	Low quality	128	0-255	SYS	When the value increases, the quality gets better, and the file size gets larger.	4	
05	Adjustment mode	Image Processing	Color conversion table selection	NW SCN(color)		8305		Text/Photo	1	0-2	SYS	0: Text, Photo 1: Text/Photo 2: For reproduction of pure color	1	
05	Adjustment mode	Image Processing	Color conversion table selection	NW SCN(color)		8308		User custom	0	0-2	SYS	0: Text, Photo 1: Text/Photo 2: For reproduction of pure color	1	
05	Adjustment mode	Image Processing	Background adjustment	SCN(color)		8309		Text/Photo	128	0-255	SYS	The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	SCN(color)		8310		Text	128	0-255	SYS	The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	SCN(color)		8311		Photo	128	0-255	SYS	The smaller the value, the lighter the background becomes.	1	Yes
05	Adjustment mode	Image Processing	Fine adjustment of black density	SCN(color)		8314		Text/Photo	1	0-4	SYS	The larger the value, the darker the black side of the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Fine adjustment of black density	SCN(color)		8315		Text	0	0-4	SYS	The larger the value, the darker the black side of the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Fine adjustment of black density	SCN(color)		8316		Photo	0	0-4	SYS	The larger the value, the darker the black side of the image becomes.	1	Yes
05	Adjustment mode	Image Processing	RGB conversion method selection	SCN(color)		8319		Text/Photo	0	0-3	SYS	Sets the color space format of the output image. 0: sRGB 1: AppleRGB 2: ROMMRGB 3: AdobeRGB	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	RGB conversion method selection	SCN(color)		8320		Text	0	0-3	SYS	Sets the color space format of the output image. 0: sRGB 1: AppleRGB 2: ROMMRGB 3: AdobeRGB	1	Yes
05	Adjustment mode	Image Processing	RGB conversion method selection	SCN(color)		8321		Photo	0	0-3	SYS	Sets the color space format of the output image. 0: sRGB 1: AppleRGB 2: ROMMRGB 3: AdobeRGB	1	Yes
05	Adjustment mode	Image Processing	Saturation adjustment	SCN(color)		8324		Text/Photo	128	0-255	SYS	The larger the value, the brighter the image becomes. The smaller the value, the duller the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Saturation adjustment	SCN(color)		8325		Text	128	0-255	SYS	The larger the value, the brighter the image becomes. The smaller the value, the duller the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Saturation adjustment	SCN(color)		8326		Photo	128	0-255	SYS	The larger the value, the brighter the image becomes. The smaller the value, the duller the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	SCN(color)	Full color	8335		Text	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	SCN(color)	Full color	8336		Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(color)	Manual adjustment/Center value	8339		Text/Photo	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(color)	Manual adjustment/Center value	8340		Text	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Density adjustment	SCN(color)	Manual adjustment/Center value	8341		Photo	128	0-255	SYS	The larger the value, the darker the image becomes.	1	Yes
05	Adjustment mode	Image Processing	Sharpness adjustment	SCN(color)	Full color	8354		Text/Photo	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	Yes
05	Adjustment mode	Image Processing	Background adjustment	SCN(color)		8370		User custom	128	0-255	SYS	When the value increases, the background becomes darker.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
05	Adjustment mode	Image Processing	Fine adjustment of black density	SCN(color)		8371		User custom	0	0-4	SYS	The larger the value, the darker the black side of the image becomes.	1	
05	Adjustment mode	Image Processing	RGB conversion method selection	SCN(color)		8372		User custom	0	0-3	SYS	Sets the color space format of the output image. 0: sRGB 1: AppleRGB 2: ROMMRGB 3: AdobeRGB	1	
05	Adjustment mode	Image Processing	Saturation adjustment	SCN(color)		8373		User custom	128	0-255	SYS	The larger the value, the brighter the image becomes. The smaller the value, the duller the image becomes.	1	
05	Adjustment mode	Image Processing	Sharpness adjustment	SCN(color)	Full color	8375		User custom	128	0-255	SYS	The larger the value, the sharper the image becomes. The smaller the value, the softer the image becomes and the less moire appears.	1	
05	Adjustment mode	Image Processing	Density adjustment	SCN(color)	Manual adjustment/Center value	8380		User custom	128	0-255	SYS	The larger the value, the darker the image becomes.	1	
05	Adjustment mode	System	Maintenance			9043		Equipment number (serial number) display	-	-	SYS	If this code is performed, 08-9601 is performed. 7 digits out of 9 digits can be entered except for upper 2 digits (fixed digits).	1	
05	Adjustment mode	System	Image			9104		Compression quality of SLIM PDF background processing	5	0-10	SYS	0-10 0: High compression, low image quality 10: Low compression, high image quality	1	
05	Adjustment mode	System	Image			9107		Resolution of SLIM PDF background processing	1	0-3	SYS	0: 75dpi 1: 100dpi 2: 150dpi 3: 200dpi	1	
05	Adjustment mode	System	Image			9149		Acquisition of image location adjustment log	-	-	-	Insert the USB media before performing this code.	6	
05	Adjustment mode	System	Maintenance			9960		Display of equipment information (SRAM)	Refer to contents	0-2	SYS	Displays the equipment information in SRAM. 0: Not set 1: Destinations other than NAD 2: NAD <Default value> NAD: 2 Others: 1	2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser			2002		Fuser unit error status counter	0	0-71	M	0: No error 1: - 2: - 3: - 4: - 5: C445 error 6: C446 error 7: C447 error 8: - 9: C449 error 10: C475 error 11: C471 error 12: C472 error 13: C473 error 14: C481 error 15: C480 error 16: C474 error 17: - 18: - 19: - 20: - 21: - 22: C449 error 23: C449 error 24: C447 error 25: C449 error 26: - 27: C449 error 28: - 29: C449 error 30: - 31: - 32: - 33: - 34: - 35: - 36: - 37: - 38: - 39: - 40: - 41: - 42: - 43: - 44: - 45: - 46: - 47: - 48: - 49: - 50: - 51: - 52: - 53: - 54: - 55: - 56: - 57: - 58: - 59: - 60: - 61: - 62: - 63: C447 error 64: C447 error 65: C447 error 66: C447 error 67: C447 error 68: C447 error 69: C447 error 70: C449 error 71: -	1	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Plain paper	2010	0	At normal temperatures (black)	12	0-22	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Plain paper	2010	1	At normal temperatures (color)	12	0-22	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Plain paper	2010	2	At low temperatures (black)	Refer to contents	0-22	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃ <Default value> 25/30/35ppm: 12 45/50ppm: 14	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Plain paper	2010	3	At low temperatures (color)	Refer to contents	0-22	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃ <Default value> 25/30/35ppm: 12 45/50ppm: 15	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Plain paper	2010	4	Low temperature/decelerating (black)	11	0-22	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃ * This code is valid for 45/50ppm only.	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Plain paper	2010	5	Low temperature/decelerating (color)	11	0-22	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃ * This code is valid for 45/50ppm only.	4	
08	Setting mode	Process	Fuser	Fusing temperature	Center / Special paper	2017	0	Special paper 1 (except for long-sized paper)	12	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃	4	
08	Setting mode	Process	Fuser	Fusing temperature	Center / Special paper	2017	1	Special paper 2 (except for long-sized paper)	12	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃	4	
08	Setting mode	Process	Fuser	Fusing temperature	Center / Special paper	2017	2	Special paper 3 (except for long-sized paper)	Refer to contents	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ <Default value> 25/30/35ppm: 11 45/50ppm: 10	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Fusing temperature	Center / Special paper	2017	3	Special paper 1 (Long-sized paper)	Refer to contents	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ <Default value> 25/30/35ppm: 14 45/50ppm: 13	4	
08	Setting mode	Process	Fuser	Fusing temperature	Center / Special paper	2017	4	Special paper 2 (Long-sized paper)	Refer to contents	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ <Default value> 25/30/35ppm: 14 45/50ppm: 13	4	
08	Setting mode	Process	Fuser	Fusing temperature	Center / Special paper	2017	5	Special paper 3 (Long-sized paper)	Refer to contents	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ <Default value> 25/30/35ppm: 11 45/50ppm: 10	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Special paper	2020	0	Special paper 1 / Normal	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Special paper	2020	1	Special paper 2 / Normal	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Special paper	2020	2	Special paper 3 / Normal	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Special paper	2020	3	Special paper 1 / Extra long size paper	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Pre-running time for first printing	Special paper	2020	4	Special paper 2 / Extra long size paper	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Special paper	2020	5	Special paper 3 / Extra long size paper	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thin paper	2021	0	At normal temperature (black)	0	0-10	M	0: Disabled 1: 1 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 9 sec. 10: 10 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thin paper	2021	1	At normal temperature (color)	0	0-10	M	0: Disabled 1: 1 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 9 sec. 10: 10 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thin paper	2021	2	At low temperature (black)	0	0-10	M	0: Disabled 1: 1 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 9 sec. 10: 10 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thin paper	2021	3	At low temperature (color)	0	0-10	M	0: Disabled 1: 1 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 9 sec. 10: 10 sec.	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thick paper 3	2028	0	Normal length paper	13	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thick paper 3	2028	1	Extra long size paper	Refer to contents	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ <Default value> 25/30/35ppm: 14 45/50ppm: 13	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thick paper 3	2031	0	Normal length paper	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thick paper 3	2031	1	Extra long size paper	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Process	Fuser	Fusing temperature in the low power mode		2042		Center	0	0-25	M	0: OFF 1: 40ºC 2: 45ºC 3: 50ºC 4: 55ºC 5: 60ºC 6: 65ºC 7: 70ºC 8: 75ºC 9: 80ºC 10: 85ºC 11: 90ºC 12: 95ºC 13: 100ºC 14: 105ºC 15: 110ºC 16: 115ºC 17: 120ºC 18: 125ºC 19: 130ºC 20: 135ºC 21: 140ºC 22: 145ºC 23: 150ºC 24: 155ºC 25: 160ºC	1	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thin paper	2048	0	Normal temperature (black)	10	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thin paper	2048	1	Normal temperature (color)	10	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thin paper	2048	2	Low temperature (black)	Refer to contents	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC <Default value> 25/30/35ppm: 10 45/50ppm: 11	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thin paper	2048	3	Low temperature (color)	Refer to contents	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC <Default value> 25/30/35ppm: 10 45/50ppm: 11	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thin paper	2048	4	Low temperature/decelerating (black)	11	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC * This code is valid for 45/50ppm only.	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thin paper	2048	5	Low temperature/decelerating (color)	11	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC * This code is valid for 45/50ppm only.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thick paper 1	2049	0	Normal length paper (black)	Refer to contents	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC <Default value> 25/30/35ppm: 12 45/50ppm: 11	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thick paper 1	2049	1	Extra long size paper (black)	Refer to contents	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC <Default value> 25/30/35ppm: 13 45/50ppm: 11	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thick paper 2	2050	0	Normal length paper	12	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / Thick paper 2	2050	1	Extra long size paper	Refer to contents	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC <Default value> 25/30/35ppm: 13 45/50ppm: 12	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Center / OHP film	2051		Normal length paper	Refer to contents	0-16	M	0: 90 ºC 1: 95 ºC 2: 100 ºC 3: 105 ºC 4: 110 ºC 5: 115 ºC 6: 120 ºC 7: 125 ºC 8: 130 ºC 9: 135 ºC 10: 140 ºC 11: 145 ºC 12: 150 ºC 13: 155 ºC 14: 160 ºC 15: 165 ºC 16: 170 ºC <Default value> 25/30/35ppm: 14 45/50ppm: 13	1	
08	Setting mode	Process	Fuser	Pre-running time for first printing		2052		OHP film	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Pre-running time for first printing	Plain paper / At low temperatures	2053	0	black	Refer to contents	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec. <Default value> 25/30/35ppm: 0 45/50ppm: 9	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Plain paper / At low temperatures	2053	1	color	9	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thick paper 1	2054	0	Normal length paper	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thick paper 1	2054	1	Extra long size paper	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thick paper 2	2055	0	Normal length paper	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thick paper 2	2055	1	Extra long size paper	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Transport motor decelerating for pre-running in the ready state		2069	0	At warm-up	Refer to contents	0-2	M	0: 225 mm/sec. 1: 150 mm/sec. 2: 75 mm/sec. <Default value> 25/30/35ppm: 1 45/50ppm: 0	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Transport motor decelerating for pre-running in the ready state		2069	1	In the ready state (contacted)	Refer to contents	0-2	M	0: 225 mm/sec. 1: 150 mm/sec. 2: 75 mm/sec. <Default value> 25/30/35ppm: 1 45/50ppm: 0	4	
08	Setting mode	Process	Fuser	Transport motor decelerating for pre-running in the ready state		2069	2	In the ready state (released)	2	0-2	M	0: 225 mm/sec. 1: 150 mm/sec. 2: 75 mm/sec.	4	
08	Setting mode	Process	Fuser	Transport motor decelerating for pre-running in the ready state		2069	3	Recovery from prewarming/sleep	Refer to contents	0-2	M	0: 225 mm/sec. 1: 150 mm/sec. 2: 75 mm/sec. <Default value> 25/30/35ppm: 1 45/50ppm: 0	4	
08	Setting mode	Process	Fuser	Temperature setting to start process for abnormality / Thick paper 1	Center & side thermistors	2079	0	Black	Refer to contents	0-12	M	0: 120ºC 1: 125ºC 2: 130ºC 3: 135ºC 4: 140ºC 5: 145ºC 6: 150ºC 7: 155ºC 8: 160ºC 9: 165ºC 10: 170ºC 11: 175ºC 12: Disable <Default value> 25/30/35ppm: 3 45/50ppm: 2	4	
08	Setting mode	Process	Fuser	Temperature setting to start process for abnormality / Thick paper 1	Center & side thermistors	2079	1	Color	Refer to contents	0-12	M	0: 120ºC 1: 125ºC 2: 130ºC 3: 135ºC 4: 140ºC 5: 145ºC 6: 150ºC 7: 155ºC 8: 160ºC 9: 165ºC 10: 170ºC 11: 175ºC 12: Disable <Default value> 25/30/35ppm: 3 45/50ppm: 2	4	
08	Setting mode	Process	Fuser	Temperature setting to start process for abnormality / Plain paper/ Normal temperature	Center & side thermistors	2080	0	Black	Refer to contents	0-12	M	0: 120ºC 1: 125ºC 2: 130ºC 3: 135ºC 4: 140ºC 5: 145ºC 6: 150ºC 7: 155ºC 8: 160ºC 9: 165ºC 10: 170ºC 11: 175ºC 12: Disable <Default value> 25/30/35ppm: 2 45/50ppm: 3	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Temperature setting to start process for abnormality / Plain paper/ Normal temperature	Center & side thermistors	2080	1	Color	Refer to contents	0-12	M	0: 120ºC 1: 125ºC 2: 130ºC 3: 135ºC 4: 140ºC 5: 145ºC 6: 150ºC 7: 155ºC 8: 160ºC 9: 165ºC 10: 170ºC 11: 175ºC 12: Disable <Default value> 25/30/35ppm: 2 45/50ppm: 3	4	
08	Setting mode	Process	Fuser	Temperature setting to start process for abnormality / Thick paper 2	Center & side thermistors	2081	0	Black	3	0-12	M	0: 120ºC 1: 125ºC 2: 130ºC 3: 135ºC 4: 140ºC 5: 145ºC 6: 150ºC 7: 155ºC 8: 160ºC 9: 165ºC 10: 170ºC 11: 175ºC 12: Disable	4	
08	Setting mode	Process	Fuser	Temperature setting to start process for abnormality / Thick paper 2	Center & side thermistors	2081	1	Color	3	0-12	M	0: 120ºC 1: 125ºC 2: 130ºC 3: 135ºC 4: 140ºC 5: 145ºC 6: 150ºC 7: 155ºC 8: 160ºC 9: 165ºC 10: 170ºC 11: 175ºC 12: Disable	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	0	Plain paper (black)	Refer to contents	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min. <Default value> 25/30/35ppm: 8 45/50ppm: 0	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	1	Plain paper (color)	Refer to contents	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min. <Default value> 25/30/35ppm: 10 45/50ppm: 0	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	4	Recycled paper (black)	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	5	Recycled paper (color)	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	6	Thin paper (black)	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	7	Thin paper (color)	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	8	Thick paper 1	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	9	Thick paper 2	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	10	Thick paper 3	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	11	Thick paper 4	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	12	OHP film	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	13	Special paper 1	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	14	Special paper 2	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	15	Envelope	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	16	Special paper 3	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	At low temperatures	2085	17	Extra long size paper	8	0-11	M	0: Invalid (always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Abnormality process starting temperature setting	Plain paper/Low temperature	2087	0	black	Refer to contents	0-12	M	0: 120ºC 1: 125ºC 2: 130ºC 3: 135ºC 4: 140ºC 5: 145ºC 6: 150ºC 7: 155ºC 8: 160ºC 9: 165ºC 10: 170ºC 11: 175ºC 12: Disable <Default value> 25/30/35ppm: 3 45/50ppm: 4	4	
08	Setting mode	Process	Fuser	Abnormality process starting temperature setting	Plain paper/Low temperature	2087	1	color	Refer to contents	0-12	M	0: 120ºC 1: 125ºC 2: 130ºC 3: 135ºC 4: 140ºC 5: 145ºC 6: 150ºC 7: 155ºC 8: 160ºC 9: 165ºC 10: 170ºC 11: 175ºC 12: Disable <Default value> 25/30/35ppm: 3 45/50ppm: 4	4	
08	Setting mode	Process	Fuser	Temperature setting to start process for abnormality		2088		OHP film	3	0-12	M	0: 120ºC 1: 125ºC 2: 130ºC 3: 135ºC 4: 140ºC 5: 145ºC 6: 150ºC 7: 155ºC 8: 160ºC 9: 165ºC 10: 170ºC 11: 175ºC 12: Disable	1	
08	Setting mode	Process	Fuser	Pre-running time	At normal temperatures	2111	0	At warm-up	0	0-6	M	0: Invalid 1: 5 sec. 2: 10 sec. 3: 15 sec. 4: 20 sec. 5: 25 sec. 6: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time	At normal temperatures	2111	1	At recovery from sleep mode	0	0-6	M	0: Invalid 1: 5 sec. 2: 10 sec. 3: 15 sec. 4: 20 sec. 5: 25 sec. 6: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time	Low temperature	2129	0	Warming up	Refer to contents	0-14	M	0: None 1: 5 sec. 2: 10 sec. 3: 15 sec. 4: 20 sec. 5: 25 sec. 6: 30 sec. 7: 35 sec. 8: 40 sec. 9: 50 sec. 10: 60 sec. 11: 70 sec. 12: 80 sec. 13: 90 sec. 14: 100 sec. <Default value> 25/30/35ppm: 4 45/50ppm: 11	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Pre-running time	Low temperature	2129	1	Recovery from sleep	Refer to contents	0-14	M	0: None 1: 5 sec. 2: 10 sec. 3: 15 sec. 4: 20 sec. 5: 25 sec. 6: 30 sec. 7: 35 sec. 8: 40 sec. 9: 50 sec. 10: 60 sec. 11: 70 sec. 12: 80 sec. 13: 90 sec. 14: 100 sec. <Default value> 25/30/35ppm: 4 45/50ppm: 11	4	
08	Setting mode	Process	Fuser	Retention period of temperature of print operation at print end		2179	0	Plain paper/Recycled paper/Thin paper	0	0-10	M	0: Disabled 1: 10 sec. 2: 20 sec. 3: 30 sec. 4: 40 sec. 5: 50 sec. 6: 60 sec. 7: 90 sec. 8: 120 sec. 9: 150 sec. 10: 180 sec.	4	
08	Setting mode	Process	Fuser	Retention period of temperature of print operation at print end		2179	1	Thick paper 1, 2, 3, 4/OHP/Special paper 1, 2, 3/Extra long size paper/Envelope	0	0-10	M	0: Disabled 1: 10 sec. 2: 20 sec. 3: 30 sec. 4: 40 sec. 5: 50 sec. 6: 60 sec. 7: 90 sec. 8: 120 sec. 9: 150 sec. 10: 180 sec.	4	
08	Setting mode	Process	Fuser	Fusing temperature for envelop		2194		Center	Refer to contents	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ <Default value> 25/30/35ppm: 14 45/50ppm: 12	1	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Plain paper/Normal temperature	2205	0	Black/Heat roller (Center)	12	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Plain paper/Normal temperature	2205	2	Color/Heat roller (Center)	12	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Plain paper/Low temperature	2206	0	Black/Heat roller (Center)	13	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Plain paper/Low temperature	2206	2	Color/Heat roller (Center)	13	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Thick paper 1	2208	0	Heat roller (Center)	Refer to contents	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃ <Default value> 25/30/35ppm: 13 45/50ppm: 12	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Thick paper 2	2209	0	Heat roller (Center)	13	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Thick paper 3	2210			14	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃	1	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling		2233		Envelope (Center/side thermistor)	6	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled	1	
08	Setting mode	Process	Fuser	Switchover of print speed		2245		Thick paper 3	0	0-2	M	0: Disabled 1: Enabled for 5 minutes after warm-up 2: Enabled	1	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Special paper (Center/side thermistor)	2246	0	Special paper 1	4	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled	4	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Special paper (Center/side thermistor)	2246	1	Special paper 2	4	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Special paper (Center/side thermistor)	2246	2	Special paper 3	Refer to contents	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled <Default value> 25/30/35ppm: 3 45/50ppm: 2	4	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Thin paper (Center/side thermistor)	2247	0	Normal temperature/Black	2	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled	4	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Thin paper (Center/side thermistor)	2247	1	Normal temperature/Color	2	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled	4	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Thin paper (Center/side thermistor)	2247	2	Low temperature/Black	Refer to contents	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled <Default value> 25/30/35ppm: 2 45/50ppm: 3	4	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Thin paper (Center/side thermistor)	2247	3	Low temperature/Color	Refer to contents	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled <Default value> 25/30/35ppm: 2 45/50ppm: 3	4	
08	Setting mode	Process	Fuser			2248		Threshold value for application time of pre-running when finished printing	2	0-10	M	0: Disabled 1: 30 sec. 2: 60 sec. 3: 90 sec. 4: 120 sec. 5: 150 sec. 6: 180 sec. 7: 210 sec. 8: 240 sec. 9: 270 sec. 10: 300 sec.	1	
08	Setting Mode	Process	Fuser	Pre-running time for first printing		2282		Envelope	0	0-15	M	0: Disabled 1: 1 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 9 sec. 10: 10 sec. 11: 12 sec. 12: 14 sec. 13: 16 sec. 14: 18 sec. 15: 20 sec.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Transfer	Setting of 2nd transfer bias table		2307		For each destination/paper thickness	Refer to contents	0-5	M	0: 80 g/m2 (21.3 lb.)/EUR 1: 75 g/m2 (20 lb.)/UC 2: 64 g/m2 (17.1 lb.)/JPN 3: - 4: - 5: - <Default value> MJD: 0 NAD: 1 Others: 2	1	
08	Setting Mode	Process	Main charger			2365		Main charger wire cleaning - cycle setting	5	0-9	M	Sets the display interval for cleaning if "Color banding (in feeding direction)" occurs. 0: Invalid 1: 3000 pages 2: 5000 pages 3: 7500 pages 4: 10000 pages 5: 15000 pages 6: 20000 pages 7: 25000 pages 8: 30000 pages 9: 35000 pages	1	Yes
08	Setting mode	Process	Cleaner			2370		Exhaust fan high-speed rotation period in ready status	6	0-10	M	Sets the longer time if blurred image, white banding (at right angles to feeding direction), or color banding (at right angles to feeding direction) occurs. 0: No control 1: 10 sec. 2: 20 sec. 3: 30 sec. 4: 40 sec. 5: 50 sec. 6: 1 min. 7: 2 min. 8: 3 min. 9: 7 min. 10: 15 min.	1	Yes
08	Setting mode	Process	General			2373		Enable/Disable setting of new or old detection of developer and cleaner	1	0-1	M	0: Disabled 1: Enabled	1	
08	Setting mode	Process	Cleaner	Control of photoconductive drum idling in standby mode		2380		Control setting of photoconductive drum idling in standby mode	1	0-1	M	0: Disabled 1: Enabled	1	
08	Setting mode	Process	Cleaner	Control of photoconductive drum idling in standby mode		2381		Rotation starting time	0	0-6	M	Refer to "3.11.4 Drum driving sleep mode". 0: 10 sec. 1: 20 sec. 2: 30 sec. 3: 1 min. 4: 2 min. and 50 sec. 5: 6 min. and 50 sec. 6: 9 min. and 50 sec.	1	
08	Setting mode	Process	Cleaner	Control of photoconductive drum idling in standby mode		2382		Time interval	4	0-7	M	Refer to "3.11.4 Drum driving sleep mode". 0: 10 sec. 1: 20 sec. 2: 30 sec. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Cleaner	Control of photoconductive drum idling in standby mode		2383		Maximum number	5	0-6	M	Refer to "3.11.4 Drum driving sleep mode". 0: Once 1: Twice 2: 3 times 3: 4 times 4: 5 times 5: 7 times 6: 10 times	1	
08	Setting Mode	Process	Development			2385		Setting of the number of sheets to shift to sleep mode for the drum drive	7	1-255	M	Setting value x 10 (sheets)	1	
08	Setting Mode	Process	Fuser			2386		Condition of shift to pre-sleep mode (temperature)	4	0-7	M	0: None (Temperature condition is disabled) 1: 10 degrees C or less 2: 12 degrees C or less 3: 14 degrees C or less 4: 16 degrees C or less 5: 18 degrees C or less 6: 20 degrees C or less 7: 22 degrees C or less	1	
08	Setting Mode	Process	Development	Main charger/LED head		2387		Synchronization setting of notice for cleaning	0	0-1	M	Synchronizes the display timing of the cleaning of the main charger and LED head. If the synchronization setting is enabled, the main charger and LED head may become dirty because of the insufficient cleaning. 0: Disabled 1: Enabled	1	
08	Setting Mode	Process	Image control	Image quality	Image quality closed-loop control	2486		Contrast voltage	1	0-1	M	Sets whether or not correcting the contrast voltage in image quality control. 0: Invalid 1: Valid	1	
08	Setting mode	Process	Image control	Image quality	Image quality closed-loop control automatic start-up	2492		At the first power-ON in the morning	1	0-2	M	Sets the behavior of closed-loop control at power-ON when the fuser roller temperature becomes below the specified level. 0: Disabled 1: Enabled (Performed in the short mode) 2: Enabled (Performed in the full mode)	1	
08	Setting mode	Process	Image control	Image quality		2493		Vc default value open method selection	1	0-1	M	0: Calculated with environmental parameter 1: Result of last close + environmental variation	1	
08	Setting mode	Process	Image control	Image quality		2495		Enable/Disable setting of image quality close IQC Short mode	1	0-1	M	0: Disabled 1: Enabled	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Image control	Image quality	Image quality closed-loop control automatic start-up	2496		Period of time unattended	1	0-2	M	Sets the behavior of closed-loop control at the operation start when the equipment has not been used for a specified period of time in the energy saving mode. 0: Disabled 1: Enabled (Performed in the short mode) 2: Enabled (Performed in the full mode)	1	
08	Setting mode	Process	Image control	Image quality		2497		Accumulated copied/printed number of sheets setting 2 for start-up of short mode IQC	100	0-500	M	Unit (Sheets)	1	
08	Setting mode	Process	Image control	Image quality	Image quality closed-loop control automatic start-up	2498		Accumulated print volume	1	0-1	M	Sets whether or not performing closed-loop control automatically when the specified number of sheets has been printed out from the previous control. 0: Disabled 1: Enabled	1	
08	Setting mode	Process	Image control	Image quality	Image quality closed-loop control automatic start-up	2500		When recovered from "Toner empty"	1	0-1	M	Sets whether or not performing closed-loop control automatically when recovered from "Toner empty". 0: Disabled 1: Enabled	1	
08	Setting Mode	Process	Image control	Image quality	Auto start	2505		Relative humidity difference	2	0-6	M	Color mode only. 0: 0% 1: 5% 2: 10% 3: 15% 4: 20% 5: 25% 6: 30%	1	
08	Setting Mode	Process	Development			2506		Enable/disable setting of toner density correction control	1	0-1	M	0: Disabled 1: Enabled When setting the value of 08-2708 (Toner density ratio manual offset control) to other than "0" (Disabled), set the value of this code to "0" (Disabled).	1	
08	Setting Mode	Process	Image control	Image quality	Auto start	2507		Period of time unattended	15	0-15	M	Sets the unattended period of time to perform closed-loop control automatically at the start of operation when the equipment has not been used for a specified period of time in the energy saving mode. 0: 3 1: 5 2: 7 3: 10 4: 15 5: 20 6: 30 7: 45 8: 60 9: 90 10: 120 11: 150 12: 180 13: 240 14: 300 15: 360 (Unit: minute)	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Image control	Image quality	Image quality closed-loop control automatic start-up	2509		Setting of accumulated print volume	1000	100-9999	M	Sets the number of accumulated print volume to perform closed-loop control when "1" (valid) is set in 08-2498. Image problems may occur if the value extremely smaller than the default value is set to the equipment whose print ratio of monochrome is relatively high. (unit: pages)	1	
08	Setting mode	Process	Image control	Contrast voltage offset correction setting	Normal speed	2513	0	Y	5	0-10	M	0: -100 1: -80 2: -60 3: -40 4: -20 5: 0 6: +20 7: +40 8: +60 9: +80 10: +100 (Unit: V)	4	
08	Setting mode	Process	Image control	Contrast voltage offset correction setting	Normal speed	2513	1	M	5	0-10	M	0: -100 1: -80 2: -60 3: -40 4: -20 5: 0 6: +20 7: +40 8: +60 9: +80 10: +100 (Unit: V)	4	
08	Setting mode	Process	Image control	Contrast voltage offset correction setting	Normal speed	2513	2	C	5	0-10	M	0: -100 1: -80 2: -60 3: -40 4: -20 5: 0 6: +20 7: +40 8: +60 9: +80 10: +100 (Unit: V)	4	
08	Setting mode	Process	Image control	Contrast voltage offset correction setting	Normal speed	2513	3	K	5	0-10	M	0: -100 1: -80 2: -60 3: -40 4: -20 5: 0 6: +20 7: +40 8: +60 9: +80 10: +100 (Unit: V)	4	
08	Setting mode	Process	Image control	Contrast voltage offset correction setting	Decelerating	2514	0	Y	5	0-10	M	0: -100 1: -80 2: -60 3: -40 4: -20 5: 0 6: +20 7: +40 8: +60 9: +80 10: +100 (Unit: V)	4	
08	Setting mode	Process	Image control	Contrast voltage offset correction setting	Decelerating	2514	1	M	5	0-10	M	0: -100 1: -80 2: -60 3: -40 4: -20 5: 0 6: +20 7: +40 8: +60 9: +80 10: +100 (Unit: V)	4	
08	Setting mode	Process	Image control	Contrast voltage offset correction setting	Decelerating	2514	2	C	5	0-10	M	0: -100 1: -80 2: -60 3: -40 4: -20 5: 0 6: +20 7: +40 8: +60 9: +80 10: +100 (Unit: V)	4	
08	Setting mode	Process	Image control	Contrast voltage offset correction setting	Decelerating	2514	3	K	5	0-10	M	0: -100 1: -80 2: -60 3: -40 4: -20 5: 0 6: +20 7: +40 8: +60 9: +80 10: +100 (Unit: V)	4	
08	Setting Mode	Process	Image control	Abnormality detection	Display/0 clearing	2528		Y	0	0-16	M	Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]	1	Yes
08	Setting Mode	Process	Image control	Abnormality detection	Display/0 clearing	2529		M	0	0-16	M	Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Process	Image control	Abnormality detection	Display/0 clearing	2530		C	0	0-16	M	Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]	1	Yes
08	Setting Mode	Process	Image control	Abnormality detection	Display/0 clearing	2531		K	0	0-16	M	Counts the abnormality detection of image quality control. Accumulating total of [CE10], [CE20] and [CE40]	1	Yes
08	Setting mode	Process	Image control	Potential on white background/Correction setting	Normal speed	2548	0	Y	6	0-12	M	0: -30 1: -25 2: -20 3: -15 4: -10 5: -5 6: 0 7: 5 8: 10 9: 15 10: 20 11: 25 12: 30	4	
08	Setting mode	Process	Image control	Potential on white background/Correction setting	Normal speed	2548	1	M	6	0-12	M	0: -30 1: -25 2: -20 3: -15 4: -10 5: -5 6: 0 7: 5 8: 10 9: 15 10: 20 11: 25 12: 30	4	
08	Setting mode	Process	Image control	Potential on white background/Correction setting	Normal speed	2548	2	C	6	0-12	M	0: -30 1: -25 2: -20 3: -15 4: -10 5: -5 6: 0 7: 5 8: 10 9: 15 10: 20 11: 25 12: 30	4	
08	Setting mode	Process	Image control	Potential on white background/Correction setting	Normal speed	2548	3	K	6	0-12	M	0: -30 1: -25 2: -20 3: -15 4: -10 5: -5 6: 0 7: 5 8: 10 9: 15 10: 20 11: 25 12: 30	4	
08	Setting mode	Process	Image control	Potential on white background/Correction setting	Reduced speed	2549	0	Y	6	0-12	M	0: -30 1: -25 2: -20 3: -15 4: -10 5: -5 6: 0 7: 5 8: 10 9: 15 10: 20 11: 25 12: 30	4	
08	Setting mode	Process	Image control	Potential on white background/Correction setting	Reduced speed	2549	1	M	6	0-12	M	0: -30 1: -25 2: -20 3: -15 4: -10 5: -5 6: 0 7: 5 8: 10 9: 15 10: 20 11: 25 12: 30	4	
08	Setting mode	Process	Image control	Potential on white background/Correction setting	Reduced speed	2549	2	C	6	0-12	M	0: -30 1: -25 2: -20 3: -15 4: -10 5: -5 6: 0 7: 5 8: 10 9: 15 10: 20 11: 25 12: 30	4	
08	Setting mode	Process	Image control	Potential on white background/Correction setting	Reduced speed	2549	3	K	6	0-12	M	0: -30 1: -25 2: -20 3: -15 4: -10 5: -5 6: 0 7: 5 8: 10 9: 15 10: 20 11: 25 12: 30	4	
08	Setting mode	Process	Transfer			2556		1st transfer environmental control switchover	1	0-1	M	0: Disabled 1: Enabled	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Process	Image control	Image quality		2600		Enable/disable setting of pattern formation of image quality TRC control	1	0-1	M	0: Disabled 1: Enabled	1	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Multiple values	2620	0	Normal speed Y	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Multiple values	2620	1	Normal speed M	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Multiple values	2620	2	Normal speed C	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Multiple values	2620	3	Normal speed K	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Multiple values	2620	4	Decelerating Y	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Multiple values	2620	5	Decelerating M	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Multiple values	2620	6	Decelerating C	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Multiple values	2620	7	Decelerating K	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Binary	2621	0	Normal speed Y	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Binary	2621	1	Normal speed M	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Binary	2621	2	Normal speed C	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Binary	2621	3	Normal speed K	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Binary	2621	4	Decelerating Y	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Binary	2621	5	Decelerating M	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Binary	2621	6	Decelerating C	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	Binary	2621	7	Decelerating K	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	1200dpi	2622	0	Normal speed Y	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	1200dpi	2622	1	Normal speed M	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	1200dpi	2622	2	Normal speed C	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	1200dpi	2622	3	Normal speed K	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	1200dpi	2622	4	Decelerating Y	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	1200dpi	2622	5	Decelerating M	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	1200dpi	2622	6	Decelerating C	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	
08	Setting Mode	Process	LED	Factor setting for LED sub-line emission time	1200dpi	2622	7	Decelerating K	15	8-36	M	Use this code to change the reproducibility of the isolated points and thickness of fine lines in the image. The larger the value, the sharper the isolated points become and the sharper and thicker the fine lines become. Be sure to perform image quality control after changing the value.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Process	Image control	Refreshing behavior after being left unattended		2677		Enable/Disable setting	0	0-1	M	Sets whether the control to stabilize image quality after the equipment is left unattended for a long time is enabled or not. When this setting is enabled, the amount of toner consumption and waste toner may increase. 0: Disabled 1: Enabled	1	
08	Setting Mode	Process	Image control	Refreshing behavior after being left unattended		2678	0	Display of number of times of execution (Level 1)	0	0-9999	M	Unit: number of times	4	
08	Setting Mode	Process	Image control	Refreshing behavior after being left unattended		2678	1	Display of number of times of execution (Level 2)	0	0-9999	M	Unit: number of times	4	
08	Setting Mode	Process	Image control	Refreshing behavior after being left unattended		2678	2	Display of number of times of execution (Level 3)	0	0-9999	M	Unit: number of times	4	
08	Setting Mode	Process	Image control	Refreshing behavior after being left unattended		2679	0	Display of number of times of repeated execution (Level 1)	1	1-20	M	Unit: number of times	4	
08	Setting Mode	Process	Image control	Refreshing behavior after being left unattended		2679	1	Display of number of times of repeated execution (Level 2)	2	1-20	M	Unit: number of times	4	
08	Setting Mode	Process	Image control	Refreshing behavior after being left unattended		2679	2	Display of number of times of repeated execution (Level 3)	3	1-20	M	Unit: number of times	4	
08	Setting mode	Process	Development	Toner density ratio manual offset control	Y	2707	0	Y	0	0-8	M	0: Disabled 1: +4bit 2: +7bit 3: +10bit 4: +14bit 5: -4bit 6: -7bit 7: -10bit 8: -14bit When setting the value of this code to other than "0", set the value of 08-2506 (Enable/disable setting of toner density correction control) to "0" (Disabled).	4	
08	Setting mode	Process	Development	Toner density ratio manual offset control	M	2707	1	M	0	0-8	M	0: Disabled 1: +4bit 2: +7bit 3: +10bit 4: +14bit 5: -4bit 6: -7bit 7: -10bit 8: -14bit When setting the value of this code to other than "0", set the value of 08-2506 (Enable/disable setting of toner density correction control) to "0" (Disabled).	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Development	Toner density ratio manual offset control	C	2707	2	C	0	0-8	M	0: Disabled 1: +4bit 2: +7bit 3: +10bit 4: +14bit 5: -4bit 6: -7bit 7: -10bit 8: -14bit When setting the value of this code to other than "0", set the value of 08-2506 (Enable/disable setting of toner density correction control) to "0" (Disabled).	4	
08	Setting mode	Process	Development	Toner density ratio manual offset control	K	2707	3	K	0	0-8	M	0: Disabled 1: +4bit 2: +7bit 3: +10bit 4: +14bit 5: -4bit 6: -7bit 7: -10bit 8: -14bit When setting the value of this code to other than "0", set the value of 08-2506 (Enable/disable setting of toner density correction control) to "0" (Disabled).	4	
08	Setting Mode	Scanner				3015		Pre-scan setting switchover	0	0-1	SYS	0: Not performing pre-scanning 1: Performing pre-scanning	1	Yes
08	Setting Mode	Scanner	RADF			3021		Set for switchback-mixed size copy	0	0-1	SYS	This setting is whether the original length is detected or not by transporting without scanning in reverse when A4-R/FOLIO paper or LT-R/LG paper is detected in a mixed size copying. 0: Disabled - AMS: A series - Judges as A4-R without transporting in reverse with no scanning. LT series - Judges whether it is LT-R or LG by its length without transporting in reverse with no scanning. APS: A series - Judges whether it is A4-R or FOLIO without transporting in reverse with no scanning. LT series - Judges whether it is LT-R or LG without transporting in reverse with no scanning. 1: Enable 1 AMS: A series - Judges whether it is A4-R or FOLIO by Transporting without scanning in reverse to detect its length. LT series - Judges whether it is LT-R or LG by transporting without scanning in reverse to detect its length. APS: The same as that of APS in 0: Disabled.	1	Yes
08	Setting Mode	Scanner				3025		Correction of carriage position	2	0-2	SYS	0: No correction 1: Performs correction before scanning 2: Performs correction after scanning	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Scanner				3080		Detection method of original size	1	1, 3	SYS	1: Two-stage detection (lights twice) 3: Single-stage detection (lights once) When "3" is set, the detection accuracy of dark originals may decrease.	1	
08	Setting Mode	System	User interface	Card reading device		3500		Device setting	0	0-4294967295	SYS	To enable the e-Bridge ID Gate, a card reading device should be set in the order of "ABYYZZZZ". (Enter the corresponding values to "A", "B", "YY" and "ZZZZ".) - AB: Special setting - A: Debugging NIC 0: Not used 1: Used - B: Interface 0: USB connection 1: Serial connection (KP-2003 only) - YY: Authentication 00: No authentication using card 03: Mifare (KP-2005 only) 04: HID (KP-2004 only) 09: Magnetic card I/F - ZZZZ: Sub-code (Specifies the usage type of card ID) 0000: No authentication using card 0001: IDm (Felica/NFC-Felica) and (or) UID (Mifare/NFC-Mifare) 0002: Data (Felica/NFC-Felica/Mifare/NFC-Mifare) 0003: SSFC mode	5	Yes
08	Setting Mode	System	User interface	Card reading device		3501		Card reader format information -1	0	0-4294967295	SYS	To access the data in the noncontact IC card, the Key Information "LLLL" and the Sector Number "MMMM" should be set. The "LLLL" should be set first, and then "MMMM". <KP-2005> LLLL: Key information MMMM: Sector number (hexadecimal number)	5	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface	Card reading device		3502		Card reader format information -2	0	0-4294967295	SYS	The data of the block number in the noncontact IC is set. <KP-2005> RRBSEbse (hexadecimal number) RR: 00 (Fixed) B: 1st area block number S: 1st area beginning byte offset E: 1st area ending byte offset b: 2nd area block number s: 2nd area beginning byte offset e: 2nd area ending byte offset * If the 2nd block/area is not used, set the SSTU to "FFFF" (hexadecimal number), the bse to"FFF" (hexadecimal number).	5	Yes
08	Setting Mode	System	User interface	Card reading device		3503		Card reader format information -3	0	Refer to contents	SYS	Security key "KKKKKKKKKKKK" (12 digits) <hexadecimal number> in the [Key Information] of the [Sector Number] set in the code 08-3501 should be entered. <Acceptable value> 0-0xFFFFFFFFFFFFFFFF	5	Yes
08	Setting Mode	System	User interface	Card reading device		3504		Card authentication LDAP server	0	0-100	SYS	LDAP server number for the card authentication when a noncontact IC card is used should be set.	1	Yes
08	Setting mode	System	General	Available profile display		3600	0	WH_IS34_00.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	1	WH_IS34_01.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	2	WH_IS34_02.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	3	WH_IS34_03.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	4	WH_IS34_04.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	5	WH_IS34_05.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	6	WH_IS34_06.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Available profile display		3600	7	WH_IS34_07.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	8	WH_IS34_08.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	9	WH_IS34_09.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	10	WH_IS34_10.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	11	WH_IS34_11.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	12	WH_IS34_12.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	13	WH_IS34_13.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	14	WH_IS34_14.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	15	WH_IS34_15.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	16	WH_IS34_16.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	17	WH_IS34_17.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	18	WH_IS34_18.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	19	WH_IS34_19.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	20	WH_IS34_20.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	21	WH_IS34_21.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	22	WH_IS34_22.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	23	WH_IS34_23.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Available profile display		3600	24	WH_IS34_24.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	25	WH_IS34_25.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	26	WH_IS34_26.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	27	WH_IS34_27.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	28	WH_IS34_28.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	29	WH_IS34_29.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	30	WH_IS34_30.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	31	WH_IS34_31.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	32	WH_IS34_32.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	33	WH_IS34_33.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	34	WH_IS34_34.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	35	WH_IS34_35.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	36	WH_IS34_36.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	37	WH_IS34_37.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	38	WH_IS34_38.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	39	WH_IS34_39.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	40	WH_IS34_40.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Available profile display		3600	41	WH_IS34_41.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	42	WH_IS34_42.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	43	WH_IS34_43.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	44	WH_IS34_44.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	45	WH_IS34_45.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	46	WH_IS34_46.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	47	WH_IS34_47.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	48	WH_IS34_48.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	49	WH_IS34_49.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	50	WH_IS34_50.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	51	WH_IS34_51.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	52	WH_IS34_52.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General	Available profile display		3600	53	WH_IS34_53.icc	-	-	SYS	Displays PG Device Pure Gray TRC attribute for the current RGB Ink Sim profile and the same sub-code.	14	
08	Setting mode	System	General			3601		Recovery of the profile at the shipment	0	0-53	SYS	Recovers the default RGB Ink Sim profile and PG Device Pure Gray TRC in the same sub-code. 0: WH_IS34_00 1: WH_IS34_01 2: WH_IS34_02 ..... 51: WH_IS34_51 52: WH_IS34_52 53: WH_IS34_53	1	
08	Setting mode	System	General			3602		Copying the profile at the shipment to USB memory	0	0-53	SYS	Copies the default RGB Ink Sim profile and PG Device Pure Gray TRC in the same sub-code to the USB memory. 0: WH_IS34_00 1: WH_IS34_01 2: WH_IS34_02 ..... 51: WH_IS34_51 52: WH_IS34_52 53: WH_IS34_53	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General			3603		Updating the profile at the shipment from UBS memory	0	0-53	SYS	Uploads the default RGB Ink Sim profile and PG Device PureGray TRC in the same sub-code from the USB memory. 0: WH_IS34_00 1: WH_IS34_01 2: WH_IS34_02 ..... 51: WH_IS34_51 52: WH_IS34_52 53: WH_IS34_53	1	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	0	WH_IS34_00.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	1	WH_IS34_01.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	2	WH_IS34_02.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	3	WH_IS34_03.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	4	WH_IS34_04.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	5	WH_IS34_05.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	6	WH_IS34_06.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	7	WH_IS34_07.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	8	WH_IS34_08.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	9	WH_IS34_09.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	10	WH_IS34_10.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	11	WH_IS34_11.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	12	WH_IS34_12.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	13	WH_IS34_13.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	14	WH_IS34_14.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	15	WH_IS34_15.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	16	WH_IS34_16.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	17	WH_IS34_17.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	18	WH_IS34_18.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	19	WH_IS34_19.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	20	WH_IS34_20.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	21	WH_IS34_21.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	22	WH_IS34_22.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	23	WH_IS34_23.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	24	WH_IS34_24.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	25	WH_IS34_25.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	26	WH_IS34_26.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	27	WH_IS34_27.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	28	WH_IS34_28.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	29	WH_IS34_29.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	30	WH_IS34_30.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	31	WH_IS34_31.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	32	WH_IS34_32.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	33	WH_IS34_33.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	34	WH_IS34_34.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	35	WH_IS34_35.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	36	WH_IS34_36.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	37	WH_IS34_37.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	38	WH_IS34_38.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	39	WH_IS34_39.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	40	WH_IS34_40.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	41	WH_IS34_41.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	42	WH_IS34_42.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	43	WH_IS34_43.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	44	WH_IS34_44.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	45	WH_IS34_45.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	46	WH_IS34_46.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	47	WH_IS34_47.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	48	WH_IS34_48.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	49	WH_IS34_49.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	50	WH_IS34_50.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	51	WH_IS34_51.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	52	WH_IS34_52.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3604	53	WH_IS34_53.000	-	-	SYS	Displays the default RGB Ink Sim profile and PG Device PureGray TRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General			3605		Making the profile available	0	0-53	SYS	Selecting a profile Overwrites the adjusted RGB Ink Sym profile on the current area (PG CIE Based PureGray TRC in the same sub-code is overwritten to the current area.) 0: WH_IS34_00 1: WH_IS34_01 2: WH_IS34_02 ..... 51: WH_IS34_51 52: WH_IS34_52 53: WH_IS34_53	1	
08	Setting mode	System	General			3606		Copying the adjusted profile to USB memory	0	0-53	SYS	Copies the adjusted RGB Ink Sim profile and PG CIE Based Pure Gray TRC in the same sub-code to USB memory. 0: WH_IS34_00 1: WH_IS34_01 2: WH_IS34_02 ..... 51: WH_IS34_51 52: WH_IS34_52 53: WH_IS34_53	1	
08	Setting mode	System	General	Uploading the adjusted profile from USB memory		3607		Uploading the adjusted profile from USB memory	0	0-53	SYS	Uploads the adjusted RGBInkSim profile and PG CIE Based PureGray TRC in the same sub-code from the USB memory. 0: WH_IS34_00 1: WH_IS34_01 2: WH_IS34_02 ..... 51: WH_IS34_51 52: WH_IS34_52 53: WH_IS34_53	1	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	0	WH_IS34_00.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	1	WH_IS34_01.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	2	WH_IS34_02.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	3	WH_IS34_03.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	4	WH_IS34_04.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	5	WH_IS34_05.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	6	WH_IS34_06.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	7	WH_IS34_07.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	8	WH_IS34_08.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	9	WH_IS34_09.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	10	WH_IS34_10.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	11	WH_IS34_11.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	12	WH_IS34_12.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	13	WH_IS34_13.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	14	WH_IS34_14.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	15	WH_IS34_15.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	16	WH_IS34_16.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	17	WH_IS34_17.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	18	WH_IS34_18.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	19	WH_IS34_19.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	20	WH_IS34_20.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	21	WH_IS34_21.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	22	WH_IS34_22.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	23	WH_IS34_23.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	24	WH_IS34_24.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	25	WH_IS34_25.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	26	WH_IS34_26.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	27	WH_IS34_27.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	28	WH_IS34_28.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	29	WH_IS34_29.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	30	WH_IS34_30.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	31	WH_IS34_31.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	32	WH_IS34_32.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	33	WH_IS34_33.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	34	WH_IS34_34.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	35	WH_IS34_35.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	36	WH_IS34_36.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	37	WH_IS34_37.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	38	WH_IS34_38.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	39	WH_IS34_39.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	40	WH_IS34_40.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	41	WH_IS34_41.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	42	WH_IS34_42.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	43	WH_IS34_43.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	44	WH_IS34_44.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	45	WH_IS34_45.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	46	WH_IS34_46.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	47	WH_IS34_47.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	48	WH_IS34_48.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	49	WH_IS34_49.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	50	WH_IS34_50.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	51	WH_IS34_51.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	52	WH_IS34_52.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Displaying the attribute of the profile at the shipment		3608	53	WH_IS34_53.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure Gray TRC attribute in the same sub-code.	14	
08	Setting Mode	System	General			3612		Date of unpacking	-	13 digits	SYS	Year/month/date/day/hour/minute/second Example:03 07 01 3 13 27 48 "Day" - "0" is for "Sunday". Proceeds Monday through Saturday from "1" to "6".	11	Yes
08	Setting mode	System	General	List print USB storage setting		3615		List print USB storage setting	0	0-1	SYS	0: Enable (USB storage available) 1: Disable (USB storage not available)	1	
08	Setting mode	System	General	Clearing of service history list file		3619		Clearing of service history list file	-	-	SYS	Initializes the service history list file.	3	
08	Setting mode	System	General	Real time log notification function		3623		Job filtering setting	0	0-65535	SYS	Changes the target type of jobs for notification in real time log notification function.	1	
08	Setting mode	System	General	Real time log notification function		3624		Log item filtering setting	2147483921	0-4294967295	SYS	Changes the target type of logs for notification in real time log notification function.	5	
08	Setting Mode	System	General	Real time log notification function		3626		Department information transmission setting	0	0-1	SYS	Sets whether the department information (number, name, code) is transmitted or not in the real time log notification function. 0: Department number, department name, department code 1: Department number, department name	1	
08	Setting mode	System	General			3628		Enable/Disable setting of standard data overwrite function	1	0-1	SYS	0: Disabled 1: Enabled * This code is valid for NAD only.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General			3629		Enabling/Disabling standard EWB function	1	0-1	SYS	0: Disabled 1: Enabled * This code is valid for NAD, MJD and AUD only.	1	
08	Setting Mode	System	Network			3631		Remote Access (SNMP)	1	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	User interface			3635		Trial copy function	1	0-1	SYS	0: Disabled1: Enabled	1	
08	Setting mode	System	General			3644		Login restriction for reissued card	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	Network			3702		Logon User Name of Windows Domain Authentication	MFP's serial number	-	-	Maximum 128 letters "MFP's serial number" is set as default. Perform 08-9083 to set the default value.	12	
08	Setting mode	System	Network			3703		Logon User Name Password of Windows Domain Authentication	-	-	NIC	Maximum 128 letters	12	
08	Setting mode	System	Network			3704		PDC2 of user authentication	-	-	UTY	Maximum 128 letters	12	
08	Setting mode	System	Network			3705		BDC2 of user authentication	-	-	UTY	Maximum 128 letters	12	
08	Setting mode	System	Network			3706		PDC3 of user authentication	-	-	UTY	Maximum 128 letters	12	
08	Setting mode	System	Network			3707		BDC3 of user authentication	-	-	UTY	Maximum 128 letters	12	
08	Setting mode	System	Network			3708		PDC of Windows Domain Authentication	-	-	NIC	Maximum 128 letters	12	
08	Setting mode	System	Network			3709		BDC of device authentication	-	-	NIC	Maximum 128 letters	12	
08	Setting mode	System	Network			3718		Domain name of device authentication	-	-	NIC	Maximum 128 letters	12	
08	Setting mode	System	Network			3719		Windows domain No. 2 of user authentication	-	-	UTY	Maximum 128 letters	12	
08	Setting mode	System	Network			3720		Windows domain No. 3 of user authentication	-	-	UTY	Maximum 128 letters	12	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network			3721		AppleTalk device name	MFP's serial number	-	-	Maximum 32 letters "MFP's serial number" is set as default. Perform 08-9083 to set the default value.	12	
08	Setting mode	System	Network			3722		PDC/BDC timeout value of Windows Domain Authentication (Unit: Seconds)	60	1-180	NIC	Applied to the device authentication	12	
08	Setting mode	System	Network			3723		User authentication PDC/BDC time-out period (Unit: Seconds)	30	1-180	NIC	Applied to the user authentication	12	
08	Setting mode	System	Network			3724		Windows Domain Authentication method of Windows Domain/User Authentication	1	1-4	NIC	Sets the Windows domain authentication method for device authentication, Scan to SMB, and user authentication. When the setting of the domain authentication method is unknown, it's strongly recommended to set the value of this code to "1" (Auto). 1: Auto 2: Kerberos 3: NTLMv2 4: NTLMv1 * Note that the internal processing is different between user authentication and Windows logon authentication/Scan to SMB as follows. - User authentication "1" (Auto): Auto (Kerberos -> NTLMv2) "4" (NTLMv1): NTLMv2 - Windows logon authentication/Scan to SMB "1" (Auto): Auto (Kerberos -> NTLMv1) "4" (NTLMv1): NTLMv1	12	
08	Setting mode	System	Network			3725		IPP max connection	16	1-16	NIC		12	
08	Setting mode	System	Network			3726		IPP active connection	10	1-16	NIC		12	
08	Setting mode	System	Network			3727		LPD max connection	10	1-16	NIC		12	
08	Setting mode	System	Network			3728		LPD active connection	10	1-16	NIC		12	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network			3729		ATalk PS max Connection	10	1-16	NIC		12	
08	Setting mode	System	Network			3730		ATalk PS active Connection	10	1-16	NIC		12	
08	Setting mode	System	Network			3731		Raw TCP max Connection	10	1-16	NIC		12	
08	Setting mode	System	Network			3732		Raw TCP active connection	10	1-16	NIC		12	
08	Setting mode	System	Network			3736		DNS client TimeOut	5	1-180	NIC	Use when a timeout occurred at DNS client connection	12	
08	Setting mode	System	Network			3739		FTP Client TimeOut (SCAN)	30	1-180	NIC	Use when a timeout occurred at FTP client connection	12	
08	Setting mode	System	Network			3743		LDAP client TimeOut	5	1-180	NIC	Use when a timeout occurred at LDAP client connection	12	
08	Setting mode	System	Network	DPWS		3754		Switching printer setting	1	1-2	NIC	DPWS printer function is switched. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	DPWS		3755		Switching scanner setting	1	1-2	NIC	DPWS scanner function is switched. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	DPWS		3757		Discovery Port Number	3702	1-65535	NIC	Port number used for DPWS Discovery	12	
08	Setting mode	System	Network	DPWS		3758		Metadata Exchange Port Number	50081	1-65535	NIC	Port number used for DPWS Metadata Exchange	12	
08	Setting mode	System	Network	DPWS		3759		Print Port Number	50082	1-65535	NIC	Port number used for DPWS Print	12	
08	Setting mode	System	Network	DPWS		3760		Scan Port Number	50083	1-65535	NIC	Port number used for DPWS Scan	12	
08	Setting mode	System	Network	DPWS		3765		Print Max numbers of connection	10	1-20	NIC	Maximum numbers received from more than one connection request in the DPWS print	12	
08	Setting mode	System	Network	DPWS		3766		Print Max numbers of reception	10	1-20	NIC	Maximum numbers of data received from more than one clients in the DPWS print	12	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	IPv6		3767		Switching IPv6 setting	2	1-2	NIC	IPv6 function is switched. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	IPv6		3768		Switching address acquisition	2	1-3	NIC	IP (IPv6) address acquisition setting is switched. 1: Manual 2: Stateless 3: Stateful	12	
08	Setting mode	System	Network	IPv6		3770		IPv6 Address	-	-	-	Displays IPv6 address. Maximum 40 characters (byte).	12	
08	Setting mode	System	Network	IPv6		3771		Prefix display setting	-	-	-	Sets the length of the displayed prefix. Maximum 3 characters (byte).	12	
08	Setting mode	System	Network	IPv6		3772		Default Gateway setting	-	-	-	Sets the default gateway for IPv6 address. Maximum 40 characters (byte).	12	
08	Setting mode	System	Network			3774		DHCPv6 Option setting	2	1-2	NIC	DHCPv6 Option is switched when the Manual is set. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network			3777		Stateless Address setting	2	1-2	NIC	IP Address is acquired by both Stateless and State full Address. 1: Enabled2: Disabled	12	
08	Setting mode	System	Network			3778		Acquiring DHCPv6 Option	2	1-2	NIC	When Stateless Address is selected, an option is acquired from DHCPv6 server. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network			3779		State full Address setting	1	1-2	NIC	IP Address is acquired from DHCPv6 server. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network			3780		State full Option setting	1	1-2	NIC	An option is acquired from DHCPv6 server. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	IPv6		3781		Primary DNS Server Address Registration	-	-	-	Registration of Primary DNS Server Address. Maximum 40 characters (byte).	12	
08	Setting mode	System	Network	IPv6		3782		Secondary DNS Server Address Registration	-	-	-	Registration of Secondary DNS Server Address. Maximum 40 characters (byte).	12	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network			3793		LLTD function setting	1	1-2	NIC	Sets the LLTD function. 1: Enabled 2: Disabled	12	
08	Setting Mode	Counter	Extra long size paper count	Count switching setting		3800	0	461-800 mm	2	1-30	SYS	Sets the number of multiples. A sheet is counted as N sheets when extra long size paper is used for printing.	4	Yes
08	Setting Mode	Counter	Extra long size paper count	Count switching setting		3800	1	801-1200 mm	3	1-30	SYS	Sets the number of multiples. A sheet is counted as N sheets when extra long size paper is used for printing.	4	Yes
08	Setting mode	System	General	USB media direct printing		3802		Paper size	NAD: 2 Others: 6	0-13	SYS	0: ledger 1: legal 2: letter 3: computer 4: statement 5: A3 6: A4 7: A5 9: B4 10: B5 11: Folio 12: Legal13" 13: LetterSquare	1	
08	Setting mode	System	General	USB media direct printing		3803		Enable/disable setting	1	0-1	SYS	Sets the USB media direct printing function. 0: Disabled 1: Enabled * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	Scanner			3805		Department Management setting by Remote Scan	3	0-3	SYS	Sets the department management with remote scanning as follows: 0: w/o GUI OFF, w/ GUI OFF 1: w/o GUI ON, w/ GUI OFF 2: w/o GUI OFF, w/ GUI ON 3: w/o GUI ON, w/ GUI ON w/o GUI: Remote scanning is operated on SSOP application of eCOPY Inc. w/ GUI: Remote scanning is operated on TTEC-specific GUI. This setting is only for department management with remote scanning. When GUI is set ON, a department code dialog is displayed at the start-up of remote scanning. This code is valid only when the code 08-9120 is set "1 (Valid)".	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Network	Direct SMTP		3810		Communication setting	0	0-1	SYS	When an Internet Fax is sent, Direct SMTP communication is set. 0: Disabled 1: Enabled When "0: Disabled" is set, an Internet Fax is sent using an SMTP server. When "1: Enabled" is set, direct SMTP communication is enabled and an Internet Fax is sent to MFPs If "1: Enabled" is set in 08-3810, set "1: Enabled" in 08-3812 as well.	1	Yes
08	Setting Mode	System	Network	Direct SMTP		3811		Image encrypting at the Direct SMTP	0	0-1	SYS	When Direct SMTP communication is performed, an attached image is encrypted. 0: Disabled 1: Enabled	1	Yes
08	Setting Mode	System	Network	Internet Fax		3812		Dummy full mode at transmission	0	0-1	SYS	When an Internet Fax is sent, the resolution ratio and the paper size of an attached image are set to the full mode. 0: Disabled 1: Enabled If "1: Enabled" is set in 08-3810, set "1: Enabled" in 08-3812 as well.	1	Yes
08	Setting mode	System	Scanner	XPS file		3815		Thumbnail addition	1	0-1	SYS	Thumbnail is added to the XPS file produced by the Scan function. 0: Not added 1: Only the top page added	1	
08	Setting mode	System	Scanner	XPS file		3816		Paper size setting	1	0-1	SYS	The paper size of the XPS file produced by the Scan function is set. 0: Scanned image size 1: Standard size	1	
08	Setting mode	System	Scanner	PDF file		3817		Version setting	4	0-4	SYS	The version of PDF file produced by the Scan function is set. 0: PDF V1.3 1: PDF V1.4 4: PDF V1.7	1	
08	Setting mode	System	General			3833		Home directory function	0	0-1	SYS	Function to store a file in the user's home directory 0: Disabled 1: Enabled	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General			3837		Display switching for the machine name shown in the notification	0	0-1	SYS	The display method of the machine name shown in the event related notification is switched. 0: IP address 1: NetBIOS name	1	
08	Setting mode	System	General	License control		3840		Registration/ deletion	-	-	-	Registers electronic keys for setting related optional items (e.g. when the equipment is delivered). Returns the license file having the same ID as that in the one-time dongle. Displays all the electronic keys stored in a USB media connected to the equipment in a list. Displays electronic keys registered in the equipment.	3	Yes
08	Setting Mode	System	Option	FAX		3847		FAX mis-transmission prevention	0	0-1	SYS	FAX mis-transmission prevention function is switched. 0: OFF (Disabled) 1: ON (Enabled)	1	Yes
08	Setting Mode	System	Option	FAX		3848		Restriction on Address Book destination	0	0-1	SYS	Sets whether the address in the address book is selectable or not for the FAX mis-transmission prevention function. 0: OFF (Disabled) 1: ON (Enabled)	1	Yes
08	Setting Mode	System	Option	FAX		3849		Restriction on destination direct entry	0	0-1	SYS	Sets whether the direct entry of the FAX number is available or not for the FAX mis-transmission prevention function. 0: OFF (Disabled) 1: ON (Enabled)	1	Yes
08	Setting mode	System	General			3851		Template display	0	0-1	SYS	0: ID number order1: Alphabetical order	1	
08	Setting mode	System	General	Summer time		3852		Summer time Automatic change function	Refer to contents	0-1	SYS	0: Disabled 1: Enabled <Default value> MJD, NAD: 1 Others: 0	1	
08	Setting mode	System	General	Summer time		3853		Time to shift	2	0-7	SYS	0: +2:00 1: +1:30 2: +1:00 3: +0:30 4: -0:30 5: -1:00 6: -1:30 7: -2:00	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Summer time	Start	3854		Month	Refer to contents	1-12	SYS	1: Jan 2: Feb 3: Mar 4: Apr 5: May 6: Jun 7: Jul 8: Aug 9: Sep 10: Oct 11: Nov 12: Dec <Default value> MJD, NAD: 3 Others: 1	1	
08	Setting mode	System	General	Summer time	Start	3855		Week	Refer to contents	1-5	SYS	1: 1st 2: 2nd 3: 3rd 4: 4th 5: Last <Default value> MJD: 5 NAD: 2 Others: 1	1	
08	Setting mode	System	General	Summer time	Start	3856		Day of the week	0	0-6	SYS	0: Sun 1: Mon 2: Tue 3: Wed 4: Thu 5: Fri 6: Sat	1	
08	Setting mode	System	General	Summer time	Start	3857		Hours	Refer to contents	0-23	SYS	0 to 23 <Default value> MJD, NAD: 2 Others: 0	1	
08	Setting mode	System	General	Summer time	Start	3858		Minutes	0	0-59	SYS	0 to 59	1	
08	Setting mode	System	General	Summer time	End	3859		Month	Refer to contents	1-12	SYS	1: Jan 2: Feb 3: Mar 4: Apr 5: May 6: Jun 7: Jul 8: Aug 9: Sep 10: Oct 11: Nov 12: Dec <Default value> MJD: 10 NAD: 11 Others: 1	1	
08	Setting mode	System	General	Summer time	End	3860		Week	Refer to contents	1-5	SYS	1: 1st 2: 2nd 3: 3rd 4: 4th 5: Last <Default value> MJD: 5 Others: 1	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Summer time	End	3861		Day of the week	0	0-6	SYS	0: Sun1: Mon2: Tue3: Wed4: Thu5: Fri6: Sat	1	
08	Setting mode	System	General	Summer time	End	3862		Hours	Refer to contents	0-23	SYS	0 to 23 <Default value> MJD: 3 NAD: 2 Others: 0	1	
08	Setting mode	System	General	Summer time	End	3863		Minutes	0	0-59	SYS	0 to 59	1	
08	Setting mode	System	Network			3864		Disclosure of telnet function	0	0-1	SYS	0: Not disclosed 1: Disclosed When this value is set to "0", the value of code 08-3865 is set to "2".	1	
08	Setting mode	System	Network			3865		Availability of telnet server	2	1-2	NIC	1: Enable2: Disable	12	
08	Setting mode	Printer	Paper feeding	Default setting of paper source	PPC	4010		Default setting of paper source	0	0-5	SYS	0: A4/LT 1: LCF 2: 1st drawer 3: 2nd drawer 4: PFP upper drawer 5: PFP lower drawer	1	
08	Setting Mode	Printer	Paper feeding	Automatic change of paper source	Auto	4011		PPC	1	1-2	SYS	Sets whether the drawer is changed automatically if the paper runs out in the selected drawer and the paper of the same size is in other drawer. 1: ON (Changes to the drawer with the same paper direction and size: ex. A4 to A4) 2: ON (Changes to the drawer with the same paper size. Paper with the different direction is acceptable as long as the size is the same: ex., A4 to A4-R, LT-R to LT. "1" is applied when the staple/hole punch is specified.)	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	Laser			4012		Pre-running of print device	0	0-2	SYS	Sets whether or not switching the status of print device from the standby to the ready to print when the original is set on the RADF or the platen cover is opened. 0: Valid (when using RADF and the original is set manually) 1: Invalid 2: Valid (when using RADF only)	1	
08	Setting mode	Printer	Laser			4015		Time to shift to energy saving of print device	3	0-6	SYS	Switches the status of print device from the ready for print to the standby when a certain period of time has passed from the pre-running. This code sets the period to switch the status to the standby. 0: 15 sec. 1: 20 sec. 2: 25 sec. 3: 30 sec. 4: 35 sec. 5: 40 sec. 6: 45 sec. This setting is effective when the value of 08-4012 is set to "0" or "2."	1	
08	Setting Mode	Printer	Paper feeding	Automatic change of paper source	When a drawer is specified	4016	0	PPC	0	0-1	SYS	Sets whether the automatic change of paper source is performed or not if the drawer is specified as the paper source and the paper in the specified drawer runs out when coping. 0: Does not change the paper source automatically 1: Changes the paper source automatically	4	Yes
08	Setting Mode	Printer	Paper feeding	Automatic change of paper source	When a drawer is specified	4016	1	Printing/BOX printing	0	0-1	SYS	Sets whether the automatic change of paper source is performed or not if the drawer is specified as the paper source and the paper in the specified drawer runs out when printing/BOX printing. 0: Does not change the paper source automatically 1: Changes the paper source automatically	4	Yes
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	1st drawer	4020	0	Plain paper/recycled paper/Thin paper	5	0-5	M	Sets the number of times feeding retry occurs from the 1st drawer.	4	Yes
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	1st drawer	4020	1	Other paper	5	0-5	M	Sets the number of times feeding retry occurs from the 1st drawer.	4	Yes
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	2nd drawer	4021	0	Plain paper/recycled paper/Thin paper	5	0-5	M	Sets the number of times feeding retry occurs from the 2nd drawer.	4	Yes
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	2nd drawer	4021	1	Other paper	5	0-5	M	Sets the number of times feeding retry occurs from the 2nd drawer.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	PFP upper drawer	4022	0	Plain paper/recycled paper/Thin paper	5	0-5	M	Sets the number of times feeding retry occurs from the PFP upper drawer.	4	Yes
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	PFP upper drawer	4022	1	Other paper	5	0-5	M	Sets the number of times feeding retry occurs from the PFP upper drawer.	4	Yes
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	PFP lower drawer	4023	0	Plain paper/recycled paper/Thin paper	5	0-5	M	Sets the number of times feeding retry occurs from the PFP lower drawer.	4	Yes
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	PFP lower drawer	4023	1	Other paper	5	0-5	M	Sets the number of times feeding retry occurs from the PFP lower drawer.	4	Yes
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	Bypass feed	4024	0	Plain paper/recycled paper/Thin paper	5	0-5	M	Sets the number of times feeding retry occurs from the bypass tray.	4	Yes
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	Bypass feed	4024	1	Other paper	5	0-5	M	Sets the number of times feeding retry occurs from the bypass tray.	4	Yes
08	Setting Mode	Printer	Paper feeding	Feeding retry number setting	LCF	4025		Plain paper	5	0-5	M	Sets the number of times feeding retry occurs from the LCF.	1	Yes
08	Setting mode	Printer	Paper feeding	Paper size setting		4100		1st drawer	Refer to contents	0-255	M	Press the button on the LCD to select the size. This code is reset every time a paper size is detected automatically. 4: A4 64: LT <Default value> NAD: 64 Others: 4	9	
08	Setting mode	Printer	Paper feeding	Paper size setting		4101		2nd drawer	Refer to contents	0-255	M	Press the button on the LCD to select the size. This code is reset every time a paper size is detected automatically. 19: A3 81: LD <Default value> NAD: 81 Others: 19	9	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	Paper feeding	Paper size setting		4102		PFP upper drawer	Refer to contents	0-255	M	Press the button on the LCD to select the size. This code is reset every time a paper size is detected automatically. 20: A4-R 80: LT-R <Default value> NAD: 80 Others: 20	9	
08	Setting mode	Printer	Paper feeding	Paper size setting		4103		PFP lower drawer	Refer to contents	0-255	M	Press the button on the LCD to select the size. This code is reset every time a paper size is detected automatically. 4: A4 52: B4 82: LG <Default value> NAD: 82 JPD: 52 Others: 4	9	
08	Setting mode	Printer	Paper feeding	Paper size setting		4104		LCF	Refer to contents	0-255	M	Press the button on the LCD to select the size. This code is reset every time a paper size is detected automatically. 4: A4 64: LT <Default value> NAD: 64 Others: 4	9	
08	Setting mode	Printer	Paper feeding	PFP/LCF installation		4105		PFP/LCF installation	0	0-4	M	0: Automatic 1: PFP single-drawer type installed 2: PFP dual-drawer type installed 3: LCF installed 4: Not installed	1	
08	Setting mode	Printer	Paper feeding	Paper size setting		4106		A3-R	420/297	182-432/140-297	M	Value of feeding/widthwise direction	10	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	Paper feeding	Paper size setting		4107		A4-R	297/210	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4108		A5-R	210/148	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4109		B4-R	364/257	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4110		B5-R	257/182	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4111		LT-R	279/216	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4112		LD-R	432/279	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4113		LG-R	356/216	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4114		ST-R	216/140	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4115		COMPUTER-R	356/257	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4116		FOLIO-R	330/210	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4117		13"LG-R	330/216	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4118		8.5"X8.5"-R	216/216	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4119		Non-standard	432/279	148-432/105-297	SYS	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4120		8K-R	390/270	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4121		16K-R	270/195	182-432/140-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4122		A3-wide-R	457/305	182-457/140-305	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4123		A6-R	148/105	148-432/105-297	M	Value of feeding/widthwise direction	10	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	Paper feeding	Paper size setting		4129		C5-R	229/162	148-432/105-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4130		C6-R=You2-R	162/114	148-432/105-297	M	Value of feeding/widthwise direction	10	
08	Setting Mode	Printer	Paper feeding			4131		Feeding retry setting	0	0-1	M	0: ON 1: OFF	1	Yes
08	Setting mode	Printer	Paper feeding	Paper size setting	PPC	4140		Bypass feed	255	0-431	SYS	Press the button on the LCD to select the size. 255: UNDEF	9	
08	Setting mode	Printer	Paper feeding	Paper size setting		4143		Envelop: Monarch-R	191/98	148-432/98-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4144		Envelop: 120x235-R	235/120	148-432/105-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4145		Envelop: 105x235-R	235/105	148-432/105-297	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4205		LD-wide	457/305	148-457/105-305	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4206		Post card	148/100	148-432/100-297	M	Value of feeding/widthwise direction. * Post card is supported only for JPN model.	10	
08	Setting mode	Printer	Fuser	Fusing error temperature	Temperature of the fuser roller center thermistor	4530	0	Data before correction	0	0-255	M		4	
08	Setting mode	Printer	Fuser	Fusing error temperature	Temperature of the fuser roller center thermistor	4530	1	Data after correction	0	0-255	M		4	
08	Setting mode	Printer	Fuser	Fusing error temperature	Temperature of the fuser roller rear thermistor	4531	0	Data before correction	0	0-255	M		4	
08	Setting mode	Printer	Fuser	Fusing error temperature	Temperature of the fuser roller rear thermistor	4531	1	Data after correction	0	0-255	M		4	
08	Setting mode	Printer	Fuser	Fusing error temperature		4532		Temperature of the fuser roller front thermopiles	0	0-255	M		1	
08	Setting Mode	Printer	Paper feeding			4542		Switching for incorrect size jam detection	0	0-1	M	0: Enabled 1: Disabled	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Paper transport	Color registration control		4546		Execution mode setting	4	0-6	M	0: Not performed automatically 1: (a) 2: (b) 3: (a)＋(b)＋(1) 4: (a)＋(b)＋(2) 5: (a)＋(b)＋(3) 6: (a)＋(b)＋(4) <Description> (a) Performs the adjustment automatically after unit replacement, at pre-warming, and at recovery from the sleep mode. (b) Performs the adjustment automatically every time after a specified period of time has passed. (1) Never performs the adjustment at warming up and after the first print job has completed. (2) Performs the adjustment automatically after the first print job has completed. (3) If the adjustment was performed last time the specified period of time has passed, (4) is applied. If not, (2) is applied. (4) Performs the adjustment automatically at warming up.	1	Yes
08	Setting mode	Printer	Finisher			4547		Manual stapling time-out period	15	0-30	M	3-30sec. (In increments of 1sec.)	1	
08	Setting mode	Printer	Finisher			4548		Finisher model switching setting value	1	0-1	M	0: - 1: MJ-1036/1107/1108	1	
08	Setting Mode	Printer	Paper transport	Color registration control	Start-up time set for color registration	4550	0	1st startup	3	3-255	M	1st color registration control start-up time [unit: minute] automatically set when the color registration control has not been performed automatically at power ON, recovery from the ready status or recovery from the sleep mode.	4	Yes
08	Setting Mode	Printer	Paper transport	Color registration control	Start-up time set for color registration	4550	1	2nd or subsequent startups	30	3-255	M	Start-up time [unit: minute] for 2nd or subsequent color registration control start-ups automatically set when the color registration control has been automatically performed after a specified period of time.	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	Development	Waste toner mixing paddle setting	During printing	4551	0	Mixing start	1	0-6	M	0: 100 counts 1: 200 counts 2: 300 counts 3: 600 counts 4: 1200 counts 5: 2400 counts 6: 3600 counts	4	
08	Setting mode	Printer	Development	Waste toner mixing paddle setting	During printing	4551	1	Rotation period	3	0-6	M	0: Agitated for 3 sec. 1: Agitated for 5 sec. 2: Agitated for 7 sec. 3: Agitated for 9 sec. 4: Agitated for 12 sec. 5: Agitated for 18 sec. 6: Agitated for 30 sec.	4	
08	Setting mode	Printer	Paper feeding	Pausing of pushing paper		4553	1	2nd drawer	1	0-7	M	0: Disabled 1: Enabled (recycled paper only) 2: Enabled (plain paper only) 3: Enabled (plain paper and recycled paper) 4: Enabled (thin paper only) 5: Enabled (recycled paper and thin paper) 6: Enabled (plain paper and thin paper) 7: Enabled (plain paper, recycled paper, and thin paper)	4	
08	Setting mode	Printer	Paper feeding	Pausing of pushing paper		4553	2	PFP upper drawer	1	0-7	M	0: Disabled 1: Enabled (recycled paper only) 2: Enabled (plain paper only) 3: Enabled (plain paper and recycled paper) 4: Enabled (thin paper only) 5: Enabled (recycled paper and thin paper) 6: Enabled (plain paper and thin paper) 7: Enabled (plain paper, recycled paper, and thin paper)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	Paper feeding	Pausing of pushing paper		4553	3	PFP lower drawer	1	0-7	M	0: Disabled 1: Enabled (recycled paper only) 2: Enabled (plain paper only) 3: Enabled (plain paper and recycled paper) 4: Enabled (thin paper only) 5: Enabled (recycled paper and thin paper) 6: Enabled (plain paper and thin paper) 7: Enabled (plain paper, recycled paper, and thin paper)	4	
08	Setting mode	Printer	Development	Waste toner mixing paddles setting	During warming-up	4554	0	At normal status	1	0-5	M	0: Agitated for 2 sec. 1: Agitated for 3 sec. 2: Agitated for 5 sec. 3: Agitated for 8 sec. 4: Agitated for 10 sec. 5: Agitated for 20 sec.	4	
08	Setting mode	Printer	Development	Waste toner mixing paddles setting	During warming-up	4554	1	During warming-up after used toner full status detection	2	0-5	M	0: Agitated for 3 sec. 1: Agitated for 5 sec. 2: Agitated for 8 sec. 3: Agitated for 10 sec. 4: Agitated for 15 sec. 5: Agitated for 20 sec.	4	
08	Setting mode	Printer	Paper transport	Color registration control		4562		Time of pausing continuous printing	5	1-60	M	Sets the time from reaching the start-up for color registration control to pausing the printing. (Unit: minute)	1	Yes
08	Setting mode	Printer	Paper feeding	Paper size setting		4567		SRA3	450/320	148-460/105-320	M	Value of feeding/widthwise direction	10	
08	Setting mode	Printer	Paper feeding	Paper size setting		4568		460 mm x 320 mm	460/320	148-460/105-320	M	Value of feeding/widthwise direction	10	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	General			4586		Checking of EEPROM data on LGC board No. 1 (Models)	Refer to contents	210-231	M	<Default value> 210: e-STUDIO2050C 211: e-STUDIO2550C 212: e-STUDIO3050C 213: e-STUDIO3550C 214: e-STUDIO4550C 215: e-STUDIO5050C 216: e-STUDIO2555C 230: e-STUDIO2051C 231: e-STUDIO2551C	2	
08	Setting mode	Printer	Fuser			4591		Fuser unit voltage determination	Refer to contents	0-2	M	0: 100 V series 1: 120 V series 2: 200 V series <Default value> JPD/TWD: 0 NAD: 1 Others: 2	2	
08	Setting Mode	Printer	Paper transport	Color registration control		4605		Accumulated counter value	0	8 digits	M	Counts the number of color registration control for each starting mode. Color registration operations other than those performed at the specified timing are counted as 2.	1	Yes
08	Setting mode	Printer	General	Destination		4608		Destination categorized code	Refer to contents	0-9	M	For EEPROM on LGC board 0: NAD 1: MJD 2: JPD 3: ASD 5: TWD 6: CND 8: AUD 9: ARD <Default value> MJD: 1 NAD: 0 JPD: 2 ASD: 3 AUD: 8 TWD: 5 CND: 6 ARD: 9	2	
08	Setting Mode	Printer	Counter			4615	0	Counter for job number of sheets	0	8 digits	M	Once	4	
08	Setting Mode	Printer	Counter			4615	1	Counter for job number of sheets	0	8 digits	M	Twice	4	
08	Setting Mode	Printer	Counter			4615	2	Counter for job number of sheets	0	8 digits	M	3 times	4	
08	Setting Mode	Printer	Counter			4615	3	Counter for job number of sheets	0	8 digits	M	Up to 5 times	4	
08	Setting Mode	Printer	Counter			4615	4	Counter for job number of sheets	0	8 digits	M	Up to 10 times	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Counter			4615	5	Counter for job number of sheets	0	8 digits	M	Up to 20 times	4	
08	Setting Mode	Printer	Counter			4615	6	Counter for job number of sheets	0	8 digits	M	Up to 50 times	4	
08	Setting Mode	Printer	Counter			4615	7	Counter for job number of sheets	0	8 digits	M	Up to 100 times	4	
08	Setting Mode	Printer	Counter			4615	8	Counter for job number of sheets	0	8 digits	M	Up to 250 times	4	
08	Setting Mode	Printer	Counter			4615	9	Counter for job number of sheets	0	8 digits	M	Up to 500 times	4	
08	Setting Mode	Printer	Counter			4615	10	Counter for job number of sheets	0	8 digits	M	Up to 1000 times	4	
08	Setting Mode	Printer	Counter			4615	11	Counter for job number of sheets	0	8 digits	M	Up to 2000 times	4	
08	Setting Mode	Printer	Counter			4615	12	Counter for job number of sheets	0	8 digits	M	2001 times or more	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Counter	History storing area of fusing error counter		4616	0	Latest	0	0-255	M	0:No error 1: C411 error 2: C412 error 3: C443 error 4: Not used 5: C445, C465 error 6: C446, C466 error 7: C447 error 8: C468 error 9: C449 error 10 to 17: Not used 18: C468 error 19: C449 error 20: C468 error 21: C449 error 22: C449 error 23: C449 error 24: C447 error 25: C449 error 26: C468 error 27: C449 error 28: C468 error 29: C449 error 30: Not used 31: C4D0 error 32: C448 error 33: C467 error 34: C467 error 35 to 37: Not used 38: C450 error 39: C450 error 40: Not used 41: C451 error 42: C451 error 43 to 47: Not used 48: C450 error 49: C450 error 50: C452 error 51: C452 error 52 to 255: Not used	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Counter	History storing area of fusing error counter		4616	1	Once earlier	0	0-255	M	0:No error 1: C411 error 2: C412 error 3: C443 error 4: Not used 5: C445, C465 error 6: C446, C466 error 7: C447 error 8: C468 error 9: C449 error 10 to 17: Not used 18: C468 error 19: C449 error 20: C468 error 21: C449 error 22: C449 error 23: C449 error 24: C447 error 25: C449 error 26: C468 error 27: C449 error 28: C468 error 29: C449 error 30: Not used 31: C4D0 error 32: C448 error 33: C467 error 34: C467 error 35 to 37: Not used 38: C450 error 39: C450 error 40: Not used 41: C451 error 42: C451 error 43 to 47: Not used 48: C450 error 49: C450 error 50: C452 error 51: C452 error 52 to 255: Not used	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Counter	History storing area of fusing error counter		4616	2	Twice earlier	0	0-255	M	0:No error 1: C411 error 2: C412 error 3: C443 error 4: Not used 5: C445, C465 error 6: C446, C466 error 7: C447 error 8: C468 error 9: C449 error 10 to 17: Not used 18: C468 error 19: C449 error 20: C468 error 21: C449 error 22: C449 error 23: C449 error 24: C447 error 25: C449 error 26: C468 error 27: C449 error 28: C468 error 29: C449 error 30: Not used 31: C4D0 error 32: C448 error 33: C467 error 34: C467 error 35 to 37: Not used 38: C450 error 39: C450 error 40: Not used 41: C451 error 42: C451 error 43 to 47: Not used 48: C450 error 49: C450 error 50: C452 error 51: C452 error 52 to 255: Not used	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Counter	History storing area of fusing error counter		4616	3	3 times earlier	0	0-255	M	0:No error 1: C411 error 2: C412 error 3: C443 error 4: Not used 5: C445, C465 error 6: C446, C466 error 7: C447 error 8: C468 error 9: C449 error 10 to 17: Not used 18: C468 error 19: C449 error 20: C468 error 21: C449 error 22: C449 error 23: C449 error 24: C447 error 25: C449 error 26: C468 error 27: C449 error 28: C468 error 29: C449 error 30: Not used 31: C4D0 error 32: C448 error 33: C467 error 34: C467 error 35 to 37: Not used 38: C450 error 39: C450 error 40: Not used 41: C451 error 42: C451 error 43 to 47: Not used 48: C450 error 49: C450 error 50: C452 error 51: C452 error 52 to 255: Not used	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Counter	History storing area of fusing error counter		4616	4	4 times earlier	0	0-255	M	0:No error 1: C411 error 2: C412 error 3: C443 error 4: Not used 5: C445, C465 error 6: C446, C466 error 7: C447 error 8: C468 error 9: C449 error 10 to 17: Not used 18: C468 error 19: C449 error 20: C468 error 21: C449 error 22: C449 error 23: C449 error 24: C447 error 25: C449 error 26: C468 error 27: C449 error 28: C468 error 29: C449 error 30: Not used 31: C4D0 error 32: C448 error 33: C467 error 34: C467 error 35 to 37: Not used 38: C450 error 39: C450 error 40: Not used 41: C451 error 42: C451 error 43 to 47: Not used 48: C450 error 49: C450 error 50: C452 error 51: C452 error 52 to 255: Not used	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Counter	History storing area of fusing error counter		4616	5	5 times earlier	0	0-255	M	0:No error 1: C411 error 2: C412 error 3: C443 error 4: Not used 5: C445, C465 error 6: C446, C466 error 7: C447 error 8: C468 error 9: C449 error 10 to 17: Not used 18: C468 error 19: C449 error 20: C468 error 21: C449 error 22: C449 error 23: C449 error 24: C447 error 25: C449 error 26: C468 error 27: C449 error 28: C468 error 29: C449 error 30: Not used 31: C4D0 error 32: C448 error 33: C467 error 34: C467 error 35 to 37: Not used 38: C450 error 39: C450 error 40: Not used 41: C451 error 42: C451 error 43 to 47: Not used 48: C450 error 49: C450 error 50: C452 error 51: C452 error 52 to 255: Not used	14	
08	Setting mode	Printer	Paper feeding			4621		Bypass paper size detection setting	0	0-1	M	Detects whether the size of paper fed by bypass feeding is the same as the paper size set on the control panel. If the sizes are not the same, the warning message is displayed (Paper jam does not occur). When the bypass paper size detection is broken, the equipment can be used without the size detection by disabling this setting. After repair, enable this setting. 0: Enabled 1: Disabled	1	
08	Setting mode	Printer	Paper feeding	Bypass paper size detection counter	PPC/PRT	4622		Bypass paper size detection counter	0	0-65535	M	This is a counter for bypass paper size detection setting. If the printing is executed with the paper size that differs from the paper size set on the control panel, the counter is counted up.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	All clear	Destination		4659		Storing area for SYS destination information	Refer to contents	0-255	M	Stores SYS-SRAM destination data when code 08-9090 is performed. 0: MJD 1: NAD 2: JPD 3: AUD 4: CND 5: KRD 6: TWD 7: SAD 8: ASU 9: ASD 10: ARD 11: BMJ <Default value> JPD: 2 NAD: 1 MJD: 0 ASD: 9 AUD: 3 TWD: 6 CND: 4 ARD: 10	2	
08	Setting Mode	Printer	Maintenance			4661		Serial number display for engine	-	-	M	1st digit: Country of production (fixed) 2nd digit: Model (fixed) 3rd digit: Dominical year (changes) 4th digit: Month (changes) 5th to 9th digit: Serial number (changes) 11th to 13th digit: **** 14th to 17th digit: Model information (changes) ("UNDEFINED" is displayed before input)	1	
08	Setting Mode	Printer	Paper feeding			4675		Paper ejection setting for size error of bypass feeding	2	0-2	M	0: Disabled 1: Position change of jammed paper 2: Ejects paper	1	
08	Setting Mode	Printer	Paper feeding			4676		Counter of paper ejection for size error of bypass feeding	0	0-65535	M	Number of paper ejection	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	General			4686		Printer ROM version display at printer all clear	-	-	M	Displays the last 2 or 3 digits of the printer ROM version (08-9901) when printer all clear (08-9090) is performed. The version number is described by alphanumeric characters.	2	
08	Setting Mode	Printer	IC chip	Board information of toner cartridge		4689	0	Y	0	0-255	M	0: Normal 1: Access abnormality 1 2: Access abnormality 2 3: Access abnormality 3 4: Access abnormality 4 5: Occurrence of C911	4	
08	Setting Mode	Printer	IC chip	Board information of toner cartridge		4689	1	M	0	0-255	M	0: Normal 1: Access abnormality 1 2: Access abnormality 2 3: Access abnormality 3 4: Access abnormality 4 5: Occurrence of C911	4	
08	Setting Mode	Printer	IC chip	Board information of toner cartridge		4689	2	C	0	0-255	M	0: Normal 1: Access abnormality 1 2: Access abnormality 2 3: Access abnormality 3 4: Access abnormality 4 5: Occurrence of C911	4	
08	Setting Mode	Printer	IC chip	Board information of toner cartridge		4689	3	K	0	0-255	M	0: Normal 1: Access abnormality 1 2: Access abnormality 2 3: Access abnormality 3 4: Access abnormality 4 5: Occurrence of C911	4	
08	Setting Mode	Printer	Finisher	Batch writing of adjustment value		4695		MJ-1036	-	-	M	When replacing the finisher control PC board, writes all the adjustment value (05-4820 to 4827) of the finisher saved on the equipment to the finisher control PC board. * This code is not supported by LL20/25ppm model.	3	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Finisher	Batch read-in of adjustment value		4696		MJ-1036	-	-	M	Copies and saves all the adjustment values of the finisher to the equipment for the replacement of the finisher control PC board due to damage. * This code is not supported by LL20/25ppm model.	3	Yes
08	Setting mode	Printer	Paper feeding			4698		Paper size (ISO-B5-R) feeding/widthwise direction	250/176	148-432/105-297	M		10	
08	Setting mode	Printer	Paper feeding			4699		Paper size (KAKU2-R) feeding/widthwise direction	332/240	148-432/105-297	M		10	
08	Setting mode	Printer	Maintenance	Waste toner box		4700		Detection setting of nearly-full status	3	0-6	M	Sets the value for judging nearly-full state after the waste toner amount detection sensor detects waste toner. Select the appropriate value if the detection error occurs. 0: 0 (Judged as nearly-full state right after the detection of the sensor) 1: 23670(30ppm), 22000(35ppm), 17000(45ppm), 14330(50ppm), 25670(25ppm) 2: 29580(30ppm), 27500(35ppm), 21250(45ppm), 17920(50ppm), 32080(25ppm) 3: 71000(30ppm), 66000(35ppm), 51000(45ppm), 43000(50ppm), 77000(25ppm) 4: 88750(30ppm), 82500(35ppm), 63750(45ppm), 53750(50ppm), 96250(25ppm) 5: 106500(30ppm), 99000(35ppm), 76500(45ppm), 64500(50ppm), 115500(25ppm) 6: Nearly-full detection is disabled	1	Yes
08	Setting mode	Printer	Maintenance	Display of details of CE80		4706	0	Y	0	0-15	M	Displays the details of CE80. Enter "0" to clear the error. 0=Normal, 1=Error bit0: Not connected bit1: Mix bit2: Checksum mismatch bit3: Gradation module error	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	Maintenance	Display of details of CE80		4706	1	M	0	0-15	M	Displays the details of CE80. Enter "0" to clear the error. 0=Normal, 1=Error bit0: Not connected bit1: Mix bit2: Checksum mismatch bit3: Gradation module error	4	
08	Setting mode	Printer	Maintenance	Display of details of CE80		4706	2	C	0	0-15	M	Displays the details of CE80. Enter "0" to clear the error. 0=Normal, 1=Error bit0: Not connected bit1: Mix bit2: Checksum mismatch bit3: Gradation module error	4	
08	Setting mode	Printer	Maintenance	Display of details of CE80		4706	3	K	0	0-15	M	Displays the details of CE80. Enter "0" to clear the error. 0=Normal, 1=Error bit0: Not connected bit1: Mix bit2: Checksum mismatch bit3: Gradation module error	4	
08	Setting mode	Printer	General			4708		Switchover setting of transport control for custom size (297x431.8mm)	0	0-1	M	When feeding 305 x 457 mm sized paper by bypass feeding, set the value of this code to "1" for JAM detection. When the value is set to "1", the print speed decreases. 0: Disabled (Setting for 297 × 431.8 mm) 1: Enabled (Setting for 305 × 457 mm)	1	
08	Setting mode	Printer	Feeding system / Paper transport	Performance improvement at retry by bypass feeding		4713	0	Plain paper/Recycled paper	0	0-1	M	Use this code when retry by bypass feeding occurs frequently and the performance decreases. Note that the performance decreases if this setting is enabled when retry does not occur. 0: Disabled 1: Enabled	4	
08	Setting mode	Printer	Feeding system / Paper transport	Performance improvement at retry by bypass feeding		4713	1	Thick paper 1	0	0-1	M	Use this code when retry by bypass feeding occurs frequently and the performance decreases. Note that the performance decreases if this setting is enabled when retry does not occur. 0: Disabled 1: Enabled	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	Feeding system / Paper transport	Performance improvement at retry by bypass feeding		4713	2	Thick paper 2	0	0-1	M	Use this code when retry by bypass feeding occurs frequently and the performance decreases. Note that the performance decreases if this setting is enabled when retry does not occur. 0: Disabled 1: Enabled	4	
08	Setting mode	Printer	Feeding system / Paper transport	Performance improvement at retry by bypass feeding		4713	3	Special paper/Transparencies	0	0-1	M	Use this code when retry by bypass feeding occurs frequently and the performance decreases. Note that the performance decreases if this setting is enabled when retry does not occur. 0: Disabled 1: Enabled	4	
08	Setting mode	Printer	Feeding system / Paper transport	Performance improvement at retry by bypass feeding		4713	4	Envelope	0	0-1	M	Use this code when retry by bypass feeding occurs frequently and the performance decreases. Note that the performance decreases if this setting is enabled when retry does not occur. 0: Disabled 1: Enabled	4	
08	Setting mode	Printer	LED			4719		Enable/Disable setting of LED head distortion correction	1	0-2	M	Set the value to "2" if the image of K color is uneven. Set the value to "0" if the image of YMC is uneven. 0: Disabled 1: Enabled (Corrects YMCK respectively) 2: Enabled (Corrects YMC respectively)	1	
08	Setting mode	Printer	LED	Serial number display of LED head	Y	4720	0	Serial number	-	000000-999999	M	Serial number (6 digits)	14	
08	Setting mode	Printer	LED	Serial number display of LED head	Y	4720	1	Production date	-	00000-91231	M	Production date (YMMDD) Y: Last one digit of year	14	
08	Setting mode	Printer	LED	Serial number display of LED head	M	4720	2	Serial number	-	000000-999999	M	Serial number (6 digits)	14	
08	Setting mode	Printer	LED	Serial number display of LED head	M	4720	3	Production date	-	00000-91231	M	Production date (YMMDD) Y: Last one digit of year	14	
08	Setting mode	Printer	LED	Serial number display of LED head	C	4720	4	Serial number	-	000000-999999	M	Serial number (6 digits)	14	
08	Setting mode	Printer	LED	Serial number display of LED head	C	4720	5	Production date	-	00000-91231	M	Production date (YMMDD) Y: Last one digit of year	14	
08	Setting mode	Printer	LED	Serial number display of LED head	K	4720	6	Serial number	-	000000-999999	M	Serial number (6 digits)	14	
08	Setting mode	Printer	LED	Serial number display of LED head	K	4720	7	Production date	-	00000-91231	M	Production date (YMMDD) Y: Last one digit of year	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Printer	LED			4722		Switchover of I/F initialization abnormality check between LED and LGC (CE81)	0	0-1	M	0: Enabled 1: Disabled	1	
08	Setting mode	Printer	LED			4723		Occurrence flag of I/F initialization abnormality between LED and LGC (CE81)	0	0-15	M	0 bit: Y 1st bit: M 2nd bit: C 3rd bit: K 0: Normal 1: Abnormality	1	
08	Setting mode	Process	Development	Toner near empty		5155		Toner near empty threshold setting	1	0-5	M	0: The period from the appearance of the toner near-empty sign to the actual complete consumption of the toner is set to long. 1: Normal (Default) 2: The period from the appearance of the toner near-empty sign to the actual complete consumption of the toner is set to short. 4: Toner near-empty status threshold value: (%)* 5: Toner near-empty status threshold value: (Number of sheets)* * The toner near-empty status is displayed if the remaining amount of toner is equal to or less than the amount set in 08-5810/5811 (percentage or number of sheets).	1	Yes
08	Setting mode	Process	Development	Toner near empty	Fine adjustment of threshold for displaying remaining toner and toner near empty	5156	0	Y	100	50-150	M	Adjusts the threshold value for displaying remaining amount of toner and toner near empty. Display threshold value = default threshold value x setting value/100 (unit: %)	4	
08	Setting mode	Process	Development	Toner near empty	Fine adjustment of threshold for displaying remaining toner and toner near empty	5156	1	M	100	50-150	M	Adjusts the threshold value for displaying remaining amount of toner and toner near empty. Display threshold value = default threshold value x setting value/100 (unit: %)	4	
08	Setting mode	Process	Development	Toner near empty	Fine adjustment of threshold for displaying remaining toner and toner near empty	5156	2	C	100	50-150	M	Adjusts the threshold value for displaying remaining amount of toner and toner near empty. Display threshold value = default threshold value x setting value/100 (unit: %)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Development	Toner near empty	Fine adjustment of threshold for displaying remaining toner and toner near empty	5156	3	K	100	50-150	M	Adjusts the threshold value for displaying remaining amount of toner and toner near empty. Display threshold value = default threshold value x setting value/100 (unit: %)	4	
08	Setting mode	Process	Fuser	Pre-running starting time at warm-up		5204	0	Warm-up	0	0-60	M	Setting value x 1 sec. 0: Disabled	4	
08	Setting mode	Process	Fuser	Pre-running starting time at warm-up		5204	1	Recovery from the sleep mode	0	0-60	M	Setting value x 1 sec. 0: Disabled	4	
08	Setting mode	Process	Fuser	Pre-running starting time at warm-up		5204	2	Warm-up (low temperature)	0	0-60	M	Setting value x 1 sec. 0: Disabled	4	
08	Setting mode	Process	Fuser	Pre-running starting time at warm-up		5204	3	Recovery from sleep mode (low temperature)	0	0-60	M	Setting value x 1 sec. 0: Disabled	4	
08	Setting mode	Process	Fuser	Pre-running starting time at warm-up		5204	4	Prewarming recovery (normal temperature)	0	0-60	M	Setting value x 1 sec. 0: Disabled	4	
08	Setting mode	Process	Fuser	Pre-running starting time at warm-up		5204	5	Prewarming recovery (low temperature)	0	0-60	M	Setting value x 1 sec. 0: Disabled	4	
08	Setting mode	Process	Fuser			5207		Extension control of warm-up	0	0-1	M	0: Enabled 1: Disabled	1	
08	Setting mode	Process	Fuser			5208		Threshold value for disabling extension of warm-up	0	0-15	M	0: None 1: 30℃ 2: 40℃ 3: 50℃ 4: 60℃ 5: 70℃ 6: 80℃ 7: 90℃ 8: 100℃ 9: 110℃ 10: 120℃ 11: 130℃ 12: 140℃ 13: 150℃ 14: 160℃ 15: 170℃	1	
08	Setting mode	Process	Fuser	Temperature to start pre-running in ready		5239	0	Normal temperature	Refer to contents	0-20	M	0: 70℃ 1: 75℃ 2: 80℃ 3: 85℃ 4: 90℃ 5: 95℃ 6: 100℃ 7: 105℃ 8: 110℃ 9: 115℃ 10: 120℃ 11: 125℃ 12: 130℃ 13: 135℃ 14: 140℃ 15: 145℃ 16: 150℃ 17: 155℃ 18: 160℃ 19: 165℃ 20: 170℃ <Default value> 25/30/35ppm: 6 45/50ppm: 12	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Temperature to start pre-running in ready		5239	1	Low temperature	Refer to contents	0-20	M	0: 70℃ 1: 75℃ 2: 80℃ 3: 85℃ 4: 90℃ 5: 95℃ 6: 100℃ 7: 105℃ 8: 110℃ 9: 115℃ 10: 120℃ 11: 125℃ 12: 130℃ 13: 135℃ 14: 140℃ 15: 145℃ 16: 150℃ 17: 155℃ 18: 160℃ 19: 165℃ 20: 170℃ <Default value> 25/30/35ppm: 12 45/50ppm: 15	4	
08	Setting Mode	Process	Fuser	Contacting and releasing setting of pressure roller in ready		5248	0	Normal temperature	1	0-2	M	0: Contacting 1: Released 2: Semi-contacting	4	
08	Setting Mode	Process	Fuser	Contacting and releasing setting of pressure roller in ready		5248	1	Low temperature	1	0-2	M	0: Contacting 1: Released 2: Semi-contacting	4	
08	Setting Mode	Process	Fuser	Temperature to switch print speed	Plain paper	5275	0	Black/Heat roller	12	0-26	M	0: 70℃ 1: 75℃ 2: 80℃ 3: 85℃ 4: 90℃ 5: 95℃ 6: 100℃ 7: 105℃ 8: 110℃ 9: 115℃ 10: 120℃ 11: 125℃ 12: 130℃ 13: 135℃ 14: 140℃ 15: 145℃ 16: 150℃ 17: 155℃ 18: 160℃ 19: 165℃ 20: 170℃ 21: 175℃ 22: 180℃ 23: 185℃ 24: 190℃ 25: 195℃ 26: 200℃	4	
08	Setting Mode	Process	Fuser	Temperature to switch print speed	Plain paper	5275	1	Color/Heat roller	12	0-26	M	0: 70℃ 1: 75℃ 2: 80℃ 3: 85℃ 4: 90℃ 5: 95℃ 6: 100℃ 7: 105℃ 8: 110℃ 9: 115℃ 10: 120℃ 11: 125℃ 12: 130℃ 13: 135℃ 14: 140℃ 15: 145℃ 16: 150℃ 17: 155℃ 18: 160℃ 19: 165℃ 20: 170℃ 21: 175℃ 22: 180℃ 23: 185℃ 24: 190℃ 25: 195℃ 26: 200℃	4	
08	Setting Mode	Process	Fuser	Switchover setting of print speed	Plain paper	5276	0	Black/Heat roller	0	0-2	M	0: Disabled 1: Enabled for 5 minutes after start-up 2: Enabled	4	
08	Setting Mode	Process	Fuser	Switchover setting of print speed	Plain paper	5276	1	Color/Heat roller	0	0-2	M	0: Disabled 1: Enabled for 5 minutes after start-up 2: Enabled	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Thick paper 4/Heat roller (Center)	5277	0	Except for long-sized paper	13	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Fusing temperature during printing	Thick paper 4/Heat roller (Center)	5277	1	Long-sized paper	Refer to contents	0-16	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ <Default value> 25/30/35ppm: 14 45/50ppm: 13	4	
08	Setting mode	Process	Fuser	Heater forcible ON time	Thick paper 4	5279	0	Except for long-sized paper	Refer to contents	0-10	M	Forcible ON time of upper limit electricity 0: Disabled 1: 1 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 9 sec. 10: 10 sec. <Default value> 25/30/35ppm: 3 45/50ppm: 1	4	
08	Setting mode	Process	Fuser	Heater forcible ON time	Thick paper 4	5279	1	Long-sized paper	5	0-10	M	Forcible ON time of upper limit electricity 0: Disabled 1: 1 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 9 sec. 10: 10 sec. <Default value> 25/30/35ppm: 5 45/50ppm: 3	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thick paper 4	5280	0	Except for long-sized paper	0	0-16	M	0: Disabled 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Thick paper 4	5280	1	Long-sized paper	0	0-16	M	0: Disabled 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Temperature drop control during printing 2		5284	0	Black	0	0-8	M	0: Disabled 1: Enabled; Thick paper 2/Thick paper 3 (HR and PR of normal/low temperature) 2: Enabled; Thick paper 2/Thick paper 3 (HR of normal/low temperature) 3: Enabled; Thick paper 2 (HR of normal/low temperature) 4: Enabled; Thick paper 2 (HR of normal temperature) 5: Enabled; Thick paper 2/Thick paper 3 (HR of normal temperature) 6: Enabled; Thick paper 2 (HR and PR of normal/low temperature) 7: Enabled; Thick paper 2 (HR and PR of normal temperature) 8: Enabled; Thick paper 2/Thick paper 3 (HR and PR of normal temperature)	4	
08	Setting mode	Process	Fuser	Temperature drop control during printing 2		5284	1	Color	0	0-8	M	0: Disabled 1: Enabled; Thick paper 2/Thick paper 3 (HR and PR of normal/low temperature) 2: Enabled; Thick paper 2/Thick paper 3 (HR of normal/low temperature) 3: Enabled; Thick paper 2 (HR of normal/low temperature) 4: Enabled; Thick paper 2 (HR of normal temperature) 5: Enabled; Thick paper 2/Thick paper 3 (HR of normal temperature) 6: Enabled; Thick paper 2 (HR and PR of normal/low temperature) 7: Enabled; Thick paper 2 (HR and PR of normal temperature) 8: Enabled; Thick paper 2/Thick paper 3 (HR and PR of normal temperature)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Fusing temperature during printing	Recycled paper/Center	5293	0	At normal temperatures/Black	Refer to contents	0-22	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃ <Default value> 25/30/35ppm: 11 45/50ppm: 13	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Recycled paper/Center	5293	1	At normal temperatures/Color	Refer to contents	0-22	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃ <Default value> 25/30/35ppm: 11 45/50ppm: 13	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Recycled paper/Center	5293	2	At low temperatures/Black	Refer to contents	0-22	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃ <Default value> 25/30/35ppm: 11 45/50ppm: 15	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Recycled paper/Center	5293	3	At low temperatures/Color	Refer to contents	0-22	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃ <Default value> 25/30/35ppm: 11 45/50ppm: 15	4	
08	Setting mode	Process	Fuser	Fusing temperature during printing	Recycled paper/Center	5293	4	Low temperature/decelerating (black)	12	0-22	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃ * This code is valid for 45/50ppm only.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Fusing temperature during printing	Recycled paper/Center	5293	5	Low temperature/decelerating (color)	12	0-22	M	0: 90℃ 1: 95℃ 2: 100℃ 3: 105℃ 4: 110℃ 5: 115℃ 6: 120℃ 7: 125℃ 8: 130℃ 9: 135℃ 10: 140℃ 11: 145℃ 12: 150℃ 13: 155℃ 14: 160℃ 15: 165℃ 16: 170℃ 17: 175℃ 18: 180℃ 19: 185℃ 20: 190℃ 21: 195℃ 22: 200℃ * This code is valid for 45/50ppm only.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Recycled paper/At low temperatures	5299	0	Black	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Recycled paper/At low temperatures	5299	1	Color	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Recycled paper/Normal temperature	5300	0	Black/Heat roller (Center)	12	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Recycled paper/Normal temperature	5300	2	Color/Heat roller (Center)	12	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Recycled paper/Normal temperature	5300	4	Thin paper/Black/Heat roller (Center)	11	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Recycled paper/Normal temperature	5300	5	Thin paper/Color/Heat roller (Center)	11	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Recycled paper/Low temperature	5301	0	Black/Heat roller (Center)	Refer to contents	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃ <Default value> 25/30/35ppm: 13 45/50ppm: 12	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Recycled paper/Low temperature	5301	2	Color/Heat roller (Center)	Refer to contents	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃ <Default value> 25/30/35ppm: 13 45/50ppm: 12	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Recycled paper/Low temperature	5301	4	Thin paper/Black/Heat roller (Center)	Refer to contents	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃ <Default value> 25/30/35ppm: 11 45/50ppm: 12	4	
08	Setting mode	Process	Fuser	Lower limit value of control temperature	Recycled paper/Low temperature	5301	5	Thin paper/Color/Heat roller (Center)	Refer to contents	0-18	M	0: 80℃ 1: 85℃ 2: 90℃ 3: 95℃ 4: 100℃ 5: 105℃ 6: 110℃ 7: 115℃ 8: 120℃ 9: 125℃ 10: 130℃ 11: 135℃ 12: 140℃ 13: 145℃ 14: 150℃ 15: 155℃ 16: 160℃ 17: 165℃ 18: 170℃ <Default value> 25/30/35ppm: 11 45/50ppm: 12	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Plain paper / At normal temperatures	5308	0	Plain paper/Black	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Pre-running time for first printing	Plain paper / At normal temperatures	5308	1	Plain paper/Color	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Plain paper / At normal temperatures 2	5308	2	Plain paper/Black	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Plain paper / At normal temperatures 2	5308	3	Plain paper/Color	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Recycled paper / At normal temperatures	5309	0	Black	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Pre-running time for first printing	Recycled paper / At normal temperatures	5309	1	Color	0	0-16	M	0: Invalid 1: 0 sec. 2: 2 sec. 3: 3 sec. 4: 4 sec. 5: 5 sec. 6: 6 sec. 7: 7 sec. 8: 8 sec. 9: 10 sec. 10: 12 sec. 11: 14 sec. 12: 16 sec. 13: 18 sec. 14: 20 sec. 15: 25 sec. 16: 30 sec.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	Plain paper/At normal temperatures	5310	0	Black	0	0-11	M	0: Disabled (Always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	Plain paper/At normal temperatures	5310	1	Color	0	0-11	M	0: Disabled (Always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	Recycled paper/At normal temperatures	5310	2	Black	0	0-11	M	0: Disabled (Always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	Recycled paper/At normal temperatures	5310	3	Color	0	0-11	M	0: Disabled (Always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	Plain paper/At normal temperatures 2	5310	4	Black	0	0-11	M	0: Disabled (Always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	Plain paper/At normal temperatures 2	5310	5	Color	0	0-11	M	0: Disabled (Always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	Thin paper/At normal temperatures	5310	6	Black	0	0-11	M	0: Disabled (Always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser	Applicable period of pre-running time for first printing	Thin paper/At normal temperatures	5310	7	Color	0	0-11	M	0: Disabled (Always ON) 1: 0 min. 2: 0.5 min. 3: 1 min. 4: 2 min. 5: 3 min. 6: 5 min. 7: 7 min. 8: 10 min. 9: 15 min. 10: 30 min. 11: 60 min.	4	
08	Setting mode	Process	Fuser			5315		Enable/disable setting of elevation correction for wide paper	0	0-1	M	0: Disabled 1: Enabled	1	
08	Setting mode	Process	Fuser			5316		Decreasing cpm for small-size paper	0	0-1	M	0: Disabled 1: Enabled	1	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Thick paper 4	5390		Heat roller (Center/Side)	4	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled	1	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Recycled paper	5409	0	At normal temperatures (Black)	3	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled	4	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Recycled paper	5409	1	At normal temperatures (Color)	3	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled	4	
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Recycled paper	5410	0	At low temperatures (Black)	Refer to contents	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled <Default value> 25/30/35ppm: 3 45/50ppm: 6	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Temperature setting for starting abnormality handling	Recycled paper	5410	1	At low temperatures (Color)	Refer to contents	0-12	M	0: 120℃ 1: 125℃ 2: 130℃ 3: 135℃ 4: 140℃ 5: 145℃ 6: 150℃ 7: 155℃ 8: 160℃ 9: 165℃ 10: 170℃ 11: 175℃ 12: Disabled <Default value> 25/30/35ppm: 3 45/50ppm: 6	4	
08	Setting mode	Process	Fuser			5412		Threshold value for disabling elevation correction due to low temperature	5	0-15	M	0: None 1: 30℃ 2: 40℃ 3: 50℃ 4: 60℃ 5: 70℃ 6: 80℃ 7: 90℃ 8: 100℃ 9: 110℃ 10: 120℃ 11: 130℃ 12: 140℃ 13: 150℃ 14: 160℃ 15: 170℃	1	
08	Setting mode	Process	Fuser	Temperature to switch print speed (Thick paper)		5413	0	Heat roller/Thick paper 3	15	0-26	M	0: 70℃ 1: 75℃ 2: 80℃ 3: 85℃ 4: 90℃ 5: 95℃ 6: 100℃ 7: 105℃ 8: 110℃ 9: 115℃ 10: 120℃ 11: 125℃ 12: 130℃ 13: 135℃ 14: 140℃ 15: 145℃ 16: 150℃ 17: 155℃ 18: 160℃ 19: 165℃ 20: 170℃ 21: 175℃ 22: 180℃ 23: 185℃ 24: 190℃ 25: 195℃ 26: 200℃	4	
08	Setting mode	Process	Fuser	Temperature to switch print speed (Thick paper)		5413	1	Heat roller/Thick paper 4	15	0-26	M	0: 70℃ 1: 75℃ 2: 80℃ 3: 85℃ 4: 90℃ 5: 95℃ 6: 100℃ 7: 105℃ 8: 110℃ 9: 115℃ 10: 120℃ 11: 125℃ 12: 130℃ 13: 135℃ 14: 140℃ 15: 145℃ 16: 150℃ 17: 155℃ 18: 160℃ 19: 165℃ 20: 170℃ 21: 175℃ 22: 180℃ 23: 185℃ 24: 190℃ 25: 195℃ 26: 200℃	4	
08	Setting mode	Process	Fuser	Temperature to switch print speed (Thick paper)		5413	2	Heat roller/Special paper 1	15	0-26	M	0: 70℃ 1: 75℃ 2: 80℃ 3: 85℃ 4: 90℃ 5: 95℃ 6: 100℃ 7: 105℃ 8: 110℃ 9: 115℃ 10: 120℃ 11: 125℃ 12: 130℃ 13: 135℃ 14: 140℃ 15: 145℃ 16: 150℃ 17: 155℃ 18: 160℃ 19: 165℃ 20: 170℃ 21: 175℃ 22: 180℃ 23: 185℃ 24: 190℃ 25: 195℃ 26: 200℃	4	
08	Setting mode	Process	Fuser	Temperature to switch print speed (Thick paper)		5413	3	Heat roller/Special paper 2	15	0-26	M	0: 70℃ 1: 75℃ 2: 80℃ 3: 85℃ 4: 90℃ 5: 95℃ 6: 100℃ 7: 105℃ 8: 110℃ 9: 115℃ 10: 120℃ 11: 125℃ 12: 130℃ 13: 135℃ 14: 140℃ 15: 145℃ 16: 150℃ 17: 155℃ 18: 160℃ 19: 165℃ 20: 170℃ 21: 175℃ 22: 180℃ 23: 185℃ 24: 190℃ 25: 195℃ 26: 200℃	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Temperature to switch print speed (Thick paper)		5413	4	Heat roller/Special paper 3	15	0-26	M	0: 70℃ 1: 75℃ 2: 80℃ 3: 85℃ 4: 90℃ 5: 95℃ 6: 100℃ 7: 105℃ 8: 110℃ 9: 115℃ 10: 120℃ 11: 125℃ 12: 130℃ 13: 135℃ 14: 140℃ 15: 145℃ 16: 150℃ 17: 155℃ 18: 160℃ 19: 165℃ 20: 170℃ 21: 175℃ 22: 180℃ 23: 185℃ 24: 190℃ 25: 195℃ 26: 200℃	4	
08	Setting mode	Process	Fuser	Switchover of print speed		5415	0	Special paper 1	0	0-2	M	0: Disabled 1: Enabled for 5 minutes after start-up 2: Enabled	4	
08	Setting mode	Process	Fuser	Switchover of print speed		5415	1	Special paper 2	0	0-2	M	0: Disabled 1: Enabled for 5 minutes after start-up 2: Enabled	4	
08	Setting mode	Process	Fuser	Switchover of print speed		5415	2	Special paper 3	0	0-2	M	0: Disabled 1: Enabled for 5 minutes after start-up 2: Enabled	4	
08	Setting mode	Process	Fuser	Effective time of contacting rotation		5446	0	Normal temperature	Refer to contents	0-19	M	Effective time of contacting rotation in ready 0: 0 sec. 1: 3sec. 2: 5sec. 3: 10sec. 4: 15sec. 5: 30sec. 6: 45sec. 7: 60sec. 8: 90sec. 9: 120sec. 10: 3min. 11: 5min. 12: 10min. 13: 15min. 14: 30min. 15: 45min. 16: 60min. 17: 90min. 18: 120min. 19: Continuance <Default value> 25/30/35ppm: 2 45/50ppm: 4	4	
08	Setting mode	Process	Fuser	Effective time of contacting rotation		5446	1	Low temperature	2	0-19	M	Effective time of contacting rotation in ready 0: 0 sec. 1: 3sec. 2: 5sec. 3: 10sec. 4: 15sec. 5: 30sec. 6: 45sec. 7: 60sec. 8: 90sec. 9: 120sec. 10: 3min. 11: 5min. 12: 10min. 13: 15min. 14: 30min. 15: 45min. 16: 60min. 17: 90min. 18: 120min. 19: Continuance	4	
08	Setting mode	Process	Fuser	Effective time of released rotation		5447	0	Normal temperature	7	0-19	M	Effective time of released rotation in ready 0: 0 sec. 1: 3sec. 2: 5sec. 3: 10sec. 4: 15sec. 5: 30sec. 6: 45sec. 7: 60sec. 8: 90sec. 9: 120sec. 10: 3min. 11: 5min. 12: 10min. 13: 15min. 14: 30min. 15: 45min. 16: 60min. 17: 90min. 18: 120min. 19: Continuance	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Effective time of released rotation		5447	1	Low temperature	7	0-19	M	Effective time of released rotation in ready 0: 0 sec. 1: 3sec. 2: 5sec. 3: 10sec. 4: 15sec. 5: 30sec. 6: 45sec. 7: 60sec. 8: 90sec. 9: 120sec. 10: 3min. 11: 5min. 12: 10min. 13: 15min. 14: 30min. 15: 45min. 16: 60min. 17: 90min. 18: 120min. 19: Continuance	4	
08	Setting mode	Process	Fuser	Threshold value for control between paper at paper feeding		5455		Small-sized paper	Refer to contents	0-10	M	0: 10 sheets 1: 20 sheets 2: 30 sheets 3: 50 sheets 4: 75 sheets 5: 100 sheets 6: 150 sheets 7: 250 sheets 8: 300 sheets 9: 400 sheets 10: 500 sheets <Default value> 25/30/35ppm: 4 45/50ppm: 1	1	
08	Setting mode	Process	Fuser	Time of control between paper at paper feeding		5456		Small-sized paper	Refer to contents	0-15	M	0: 5 sec. 1: 10 sec. 2: 15 sec. 3: 20 sec. 4: 25 sec. 5: 30 sec. 6: 35 sec. 7: 40 sec. 8: 45 sec. 9: 50 sec. 10: 55 sec. 11: 60 sec. 12: 70 sec. 13: 80 sec. 14: 90 sec. 15: 100 sec. <Default value> 25/30/35ppm: 9 45/50ppm: 5	1	
08	Setting mode	Process	Fuser	Control between paper at paper feeding	Normal temperature	5457	0	Small-sized paper	Refer to contents	0-1	M	0: Disabled 1: Enabled <Default value> 25/30/35ppm: 0 45/50ppm: 1	4	
08	Setting mode	Process	Fuser	Control between paper at paper feeding	Low temperature	5457	1	Small-sized paper	Refer to contents	0-1	M	0: Disabled 1: Enabled <Default value> 25/30/35ppm: 0 45/50ppm: 1	4	
08	Setting mode	Process	Fuser	Contacting setting of pressure roller at printing		5464	0	Thick paper 1	0	0-1	M	0: Contacting 1: Semi-contacting	4	
08	Setting mode	Process	Fuser	Contacting setting of pressure roller at printing		5464	1	Thick paper 2	0	0-1	M	0: Contacting 1: Semi-contacting	4	
08	Setting mode	Process	Fuser	Contacting setting of pressure roller at printing		5464	2	Thick paper 3	0	0-1	M	0: Contacting 1: Semi-contacting	4	
08	Setting mode	Process	Fuser	Contacting setting of pressure roller at printing		5464	3	Thick paper 4	0	0-1	M	0: Contacting 1: Semi-contacting	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Contacting setting of pressure roller at printing		5464	4	Transparencies	0	0-1	M	0: Contacting 1: Semi-contacting	4	
08	Setting mode	Process	Fuser	Contacting setting of pressure roller at printing		5464	5	Special paper 1	0	0-1	M	0: Contacting 1: Semi-contacting	4	
08	Setting mode	Process	Fuser	Contacting setting of pressure roller at printing		5464	6	Special paper 2	0	0-1	M	0: Contacting 1: Semi-contacting	4	
08	Setting mode	Process	Fuser	Contacting setting of pressure roller at printing		5464	7	Special paper 3	0	0-1	M	0: Contacting 1: Semi-contacting	4	
08	Setting mode	Process	Fuser	Contacting setting of pressure roller at printing		5464	8	Envelope	0	0-1	M	0: Contacting 1: Semi-contacting	4	
08	Setting mode	Process	Fuser	Contacting setting of pressure roller at printing		5464	9	Thin paper	0	0-1	M	0: Contacting 1: Semi-contacting	4	
08	Setting mode	Process	Fuser			5469		Enable/Disable setting of energy saving mode	Refer to contents	0-1	M	0: Disabled 1: Enabled <Default value> 25/30/35ppm: 1 45/50ppm: 0	1	
08	Setting mode	Process	Fuser			5473		Detection time setting of environmental temperature	8	0-10	M	0: 1 min. 1: 5 min. 2: 10 min. 3: 15 min. 4: 30 min. 5: 45 min. 6: 60 min. 7: 90 min. 8: 120 min. 9: 180 min. 10: 240 min. * This code is valid for 45/50ppm only.	1	
08	Setting mode	Process	Fuser	Print speed switchover control at low temperature		5476	0	Plain paper	1	0-5	M	Use this code to change the color print speed for A4/LT/B5 size at low temperature, or when defective fusing occurs. When the value is set to "0" or "1", defective fusing may occur for thick paper. 0: Disabled 1: Intermittent mode (color) 2: Intermittent/speed change mode (color) 3: Speed change mode 1 (color) 4: Speed change mode 2 (color) 5: Speed change mode (black/color) * This code is valid for 45/50ppm only.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Fuser	Print speed switchover control at low temperature		5476	1	Recycled paper	0	0-5	M	Use this code to change the color print speed for A4/LT/B5 size at low temperature, or when defective fusing occurs. When the value is set to "0" or "1", defective fusing may occur for thick paper. 0: Disabled 1: Intermittent mode (color) 2: Intermittent/speed change mode (color) 3: Speed change mode 1 (color) 4: Speed change mode 2 (color) 5: Speed change mode (black/color) * This code is valid for 45/50ppm only.	4	
08	Setting mode	Process	Fuser	Print speed switchover control at low temperature		5476	2	Thin paper	0	0-5	M	Use this code to change the color print speed for A4/LT/B5 size at low temperature, or when defective fusing occurs. When the value is set to "0" or "1", defective fusing may occur for thick paper. 0: Disabled 1: Intermittent mode (color) 2: Intermittent/speed change mode (color) 3: Speed change mode 1 (color) 4: Speed change mode 2 (color) 5: Speed change mode (black/color) * This code is valid for 45/50ppm only.	4	
08	Setting mode	Process	Fuser			5477		Fuser belt type setting	1	0-1	M	0: type1 1: type2 * Normally do not change this setting. When the fuser belt without lot number is replaced with the one with a lot number, change the value from "0" to "1". The lot number is printed on the gear on the front side of the fuser belt.	1	
08	Setting Mode	Counter	Maintenance	PM counter	M	5550		Setting value	Refer to contents	8 digits	M	Sets the threshold for displaying a message for PM timing. 0: Not displayed <Default> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000 [Unit: page]	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Counter	Maintenance	PM drive counter	M	5551		Setting value	225000	8 digits	M	Sets the threshold for displaying a message for PM timing. 0: Not displayed [Unit: count]	1	
08	Setting Mode	Counter	Maintenance	PM counter	C	5552		Setting value	Refer to contents	8 digits	M	Sets the threshold for displaying a message for PM timing. 0: Not displayed <Default> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000 [Unit: page]	1	
08	Setting Mode	Counter	Maintenance	PM drive counter	C	5553		Setting value	225000	8 digits	M	Sets the threshold for displaying a message for PM timing. 0: Not displayed [Unit: count]	1	
08	Setting mode	Counter	Maintenance	PM counter	Developer material	5554		Setting value (K)	Refer to contents	8 digits	M	<Default> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000 [Unit: page]	1	
08	Setting mode	Counter	Maintenance	PM drive counter	Developer material	5555		Setting value (K)	Refer to contents	8 digits	M	Time accumulating counter <Default value> 25/30/35ppm: 160000 45/50ppm: 180000	1	
08	Setting mode	Counter	Maintenance	PM counter	Developer material	5556		Setting value (Y)	Refer to contents	8 digits	M	<Default> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000 [Unit: page]	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Maintenance	PM drive counter	Developer material	5557		Setting value (Y)	Refer to contents	8 digits	M	Time accumulating counter <Default value> 25/30/35ppm: 160000 45/50ppm: 180000	1	
08	Setting mode	Counter	Maintenance	PM counter	Developer material	5558		Setting value (M)	Refer to contents	8 digits	M	<Default> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000 [Unit: page]	1	
08	Setting mode	Counter	Maintenance	PM drive counter	Developer material	5559		Setting value (M)	Refer to contents	8 digits	M	Time accumulating counter <Default value> 25/30/35ppm: 160000 45/50ppm: 180000	1	
08	Setting mode	Counter	Maintenance	PM counter	Developer material	5560		Setting value (C)	Refer to contents	8 digits	M	<Default> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000 [Unit: page]	1	
08	Setting mode	Counter	Maintenance	PM drive counter	Developer material	5561		Setting value (C)	Refer to contents	8 digits	M	Time accumulating counter <Default value> 25/30/35ppm: 160000 45/50ppm: 180000	1	
08	Setting mode	Counter	Maintenance	PM counter	Parts	5562		Setting value	Refer to contents	8 digits	M	<Default value> 30ppm: 120000 35ppm: 140000 45ppm: 151200 50ppm: 168000 25ppm: 100000 [Unit. page]	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Maintenance	PM drive counter	Parts	5563		Setting value	Refer to contents	8 digits	M	Time accumulating counter <Default value> 450000	1	
08	Setting Mode	Counter	Maintenance	PM counter	M	5564		Current value	0	8 digits	M	Counts up when the registration sensor is ON. 0: clear (Unit: page) same as 08-6254-0	1	
08	Setting Mode	Counter	Maintenance	PM drive counter	M	5565		Current value	0	8 digits	M	Counts the drum driving time. 0: clear Same as 08-6254-3 [Unit] 25/30/35ppm: 1 count = 1.5 seconds (Normal), 1 count = 3 seconds (Decelerating mode) 45/50ppm: 1 count = 1 second (Normal), 1 count = 3 seconds (Decelerating mode)	1	
08	Setting Mode	Counter	Maintenance	PM counter	C	5566		Current value	0	8 digits	M	Counts up when the registration sensor is ON. 0: clear (Unit: page) same as 08-6256-0	1	
08	Setting Mode	Counter	Maintenance	PM drive counter	C	5567		Current value	0	8 digits	M	Counts the drum driving time. 0: clear Same as 08-6256-3 [Unit] 25/30/35ppm: 1 count = 1.5 seconds (Normal), 1 count = 3 seconds (Decelerating mode) 45/50ppm: 1 count = 1 second (Normal), 1 count = 3 seconds (Decelerating mode)	1	
08	Setting mode	Counter	Maintenance	PM counter	Developer material	5568		Current value (K)	0	8 digits	M	Counts up when the registration sensor is ON. 0: clear (Unit: page)	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Maintenance	PM drive counter	Developer material	5569		Current value (K)	0	8 digits	M	Counts the drum driving time. 0: clear [Unit] 25/30/35ppm: 1 count = 1.5 seconds (Normal), 1 count = 3 seconds (Decelerating mode) 45/50ppm: 1 count = 1 second (Normal), 1 count = 3 seconds (Decelerating mode)	1	
08	Setting mode	Counter	Maintenance	PM counter	Developer material	5570		Current value (Y)	0	8 digits	M	Counts up when the registration sensor is ON. 0: clear (Unit: page)	1	
08	Setting mode	Counter	Maintenance	PM drive counter	Developer material	5571		Current value (Y)	0	8 digits	M	Counts the drum driving time. 0: clear [Unit] 25/30/35ppm: 1 count = 1.5 seconds (Normal), 1 count = 3 seconds (Decelerating mode) 45/50ppm: 1 count = 1 second (Normal), 1 count = 3 seconds (Decelerating mode)	1	
08	Setting mode	Counter	Maintenance	PM counter	Developer material	5572		Current value (M)	0	8 digits	M	Counts up when the registration sensor is ON. 0: clear (Unit: page)	1	
08	Setting mode	Counter	Maintenance	PM drive counter	Developer material	5573		Current value (M)	0	8 digits	M	Counts the drum driving time. 0: clear [Unit] 25/30/35ppm: 1 count = 1.5 seconds (Normal), 1 count = 3 seconds (Decelerating mode) 45/50ppm: 1 count = 1 second (Normal), 1 count = 3 seconds (Decelerating mode)	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Maintenance	PM counter	Developer material	5574		Current value (C)	0	8 digits	M	Counts up when the registration sensor is ON. 0: clear (Unit: page)	1	
08	Setting mode	Counter	Maintenance	PM drive counter	Developer material	5575		Current value (C)	0	8 digits	M	Counts the drum driving time. 0: clear [Unit] 25/30/35ppm: 1 count = 1.5 seconds (Normal), 1 count = 3 seconds (Decelerating mode) 45/50ppm: 1 count = 1 second (Normal), 1 count = 3 seconds (Decelerating mode)	1	
08	Setting mode	Counter	Maintenance	PM counter	Parts	5576		Current value	0	8 digits	M	Counts up when the registration sensor is ON. 0: clear (Unit: page)	1	
08	Setting mode	Counter	Maintenance	PM drive counter	Parts	5577		Current value	0	8 digits	M	Counts the drum driving time. 0: clear [Unit] 25/30/35ppm: 1 count = 1.5 seconds (Normal), 1 count = 3 seconds (Decelerating mode) 45/50ppm: 1 count = 1 second (Normal), 1 count = 3 seconds (Decelerating mode)	1	
08	Setting mode	Counter	Maintenance	PM counter	Switching of output pages/ driving counts	5578		Y	1	0-2	M	Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.) 0: PM counter (The number of output pages is set at 08-6190.) 1: PM time counter (The timing is set at 08-6191.) 2: Whichever comes faster	1	
08	Setting mode	Counter	Maintenance	PM counter	Switching of output pages/ driving counts	5579		M	1	0-2	M	Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.) 0: PM counter (The number of output pages is set at 08-6190.) 1: PM time counter (The timing is set at 08-6191.) 2: Whichever comes faster	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Maintenance	PM counter	Switching of output pages/ driving counts	5580		C	1	0-2	M	Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.) 0: PM counter (The number of output pages is set at 08-6190.) 1: PM time counter (The timing is set at 08-6191.) 2: Whichever comes faster	1	
08	Setting mode	Counter	Maintenance	PM counter	Switching of output pages/ driving counts	5581		Developer material (K)	1	0-2	M	Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.) 0: PM counter (The number of output pages is set at 08-6190.) 1: PM time counter (The timing is set at 08-6191.) 2: Whichever comes faster	1	
08	Setting mode	Counter	Maintenance	PM counter	Switching of output pages/ driving counts	5582		Developer material (Y)	1	0-2	M	Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.) 0: PM counter (The number of output pages is set at 08-6190.) 1: PM time counter (The timing is set at 08-6191.) 2: Whichever comes faster	1	
08	Setting mode	Counter	Maintenance	PM counter	Switching of output pages/ driving counts	5583		Developer material (M)	1	0-2	M	Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.) 0: PM counter (The number of output pages is set at 08-6190.) 1: PM time counter (The timing is set at 08-6191.) 2: Whichever comes faster	1	
08	Setting mode	Counter	Maintenance	PM counter	Switching of output pages/ driving counts	5584		Developer material (C)	1	0-2	M	Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.) 0: PM counter (The number of output pages is set at 08-6190.) 1: PM time counter (The timing is set at 08-6191.) 2: Whichever comes faster	1	
08	Setting mode	Counter	Maintenance	PM counter	Switching of output pages/ driving counts	5585		Parts	0	0-2	M	Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.) 0: PM counter (The number of output pages is set at 08-6190.) 1: PM time counter (The timing is set at 08-6191.) 2: Whichever comes faster	1	
08	Setting mode	Counter	PM counter	Drum gap spacer (K)		5618	0	Present number of output pages	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Drum gap spacer (K)		5618	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 240000 35ppm: 280000 45ppm: 302400 50ppm: 336000 25ppm: 200000	4	
08	Setting mode	Counter	PM counter	Drum gap spacer (K)		5618	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (K)		5618	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (K)		5618	4	Recommended driving counts to be replaced	900000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (K)		5618	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (K)		5618	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (K)		5618	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (K)		5618	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (K)		5619		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Drum gap spacer (Y)		5620	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (Y)		5620	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 240000 35ppm: 280000 45ppm: 302400 50ppm: 336000 25ppm: 200000	4	
08	Setting mode	Counter	PM counter	Drum gap spacer (Y)		5620	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (Y)		5620	3	Present driving counts	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Drum gap spacer (Y)		5620	4	Recommended driving counts to be replaced	900000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (Y)		5620	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (Y)		5620	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (Y)		5620	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (Y)		5620	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (Y)		5621		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Drum gap spacer (M)		5622	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (M)		5622	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 240000 35ppm: 280000 45ppm: 302400 50ppm: 336000 25ppm: 200000	4	
08	Setting mode	Counter	PM counter	Drum gap spacer (M)		5622	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (M)		5622	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (M)		5622	4	Recommended driving counts to be replaced	900000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (M)		5622	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (M)		5622	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (M)		5622	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (M)		5622	8	Number of times replaced	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Drum gap spacer (M)		5623		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Drum gap spacer (C)		5624	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (C)		5624	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 240000 35ppm: 280000 45ppm: 302400 50ppm: 336000 25ppm: 200000	4	
08	Setting mode	Counter	PM counter	Drum gap spacer (C)		5624	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (C)		5624	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (C)		5624	4	Recommended driving counts to be replaced	900000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (C)		5624	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (C)		5624	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (C)		5624	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (C)		5624	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum gap spacer (C)		5625		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Process	Development	Toner near empty	Toner near-empty status threshold value setting (%)	5810	0	K	3	1-99	M	This code is used when the value of 08-5155 is set to "4". Use this code to specify the threshold value (unit: %) for displaying the toner near-empty status. The accuracy of value is influenced by usage environment or originals.	4	
08	Setting mode	Process	Development	Toner near empty	Toner near-empty status threshold value setting (%)	5810	1	Y	3	1-99	M	This code is used when the value of 08-5155 is set to "4". Use this code to specify the threshold value (unit: %) for displaying the toner near-empty status. The accuracy of value is influenced by usage environment or originals.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Process	Development	Toner near empty	Toner near-empty status threshold value setting (%)	5810	2	M	3	1-99	M	This code is used when the value of 08-5155 is set to "4". Use this code to specify the threshold value (unit: %) for displaying the toner near-empty status. The accuracy of value is influenced by usage environment or originals.	4	
08	Setting mode	Process	Development	Toner near empty	Toner near-empty status threshold value setting (%)	5810	3	C	3	1-99	M	This code is used when the value of 08-5155 is set to "4". Use this code to specify the threshold value (unit: %) for displaying the toner near-empty status. The accuracy of value is influenced by usage environment or originals.	4	
08	Setting mode	Process	Development	Toner near empty	Toner near-empty status threshold value setting (number of sheets)	5811	0	K	1000	1-9999	M	This code is used when the value of 08-5155 is set to "5". Use this code to specify the threshold value (unit: number of sheets) for displaying the toner near-empty status. The accuracy of value is influenced by usage environment or originals.	4	
08	Setting mode	Process	Development	Toner near empty	Toner near-empty status threshold value setting (number of sheets)	5811	1	Y	1000	1-9999	M	This code is used when the value of 08-5155 is set to "5". Use this code to specify the threshold value (unit: number of sheets) for displaying the toner near-empty status. The accuracy of value is influenced by usage environment or originals.	4	
08	Setting mode	Process	Development	Toner near empty	Toner near-empty status threshold value setting (number of sheets)	5811	2	M	1000	1-9999	M	This code is used when the value of 08-5155 is set to "5". Use this code to specify the threshold value (unit: number of sheets) for displaying the toner near-empty status. The accuracy of value is influenced by usage environment or originals.	4	
08	Setting mode	Process	Development	Toner near empty	Toner near-empty status threshold value setting (number of sheets)	5811	3	C	1000	1-9999	M	This code is used when the value of 08-5155 is set to "5". Use this code to specify the threshold value (unit: number of sheets) for displaying the toner near-empty status. The accuracy of value is influenced by usage environment or originals.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Counter	Double count	For fee charging	Paper size	6010		Large-sized paper	Refer to contents	0-2	M	0: Counted as 1 1: Counted as 2 2: Counted as 1 (Mechanical counter is double counter) <Default value> JPD: 0 Others: 1	1	Yes
08	Setting Mode	Counter	Double count	For fee charging	Paper size	6011		Definition setting of large sized paper	0	0-1	M	0: A3/LD 1: A3/LD/B4/LG/FOLIO/COMP	1	Yes
08	Setting Mode	Counter	Double count	For PM	Paper size	6012		Large-sized paper	1	0-1	M	0: Counted as 1 1: Counted as 2	1	Yes
08	Setting Mode	Counter	Double count	For PM	Paper size	6013		Definition setting of large sized paper	1	0-1	M	0: A3/LD 1: A3/LD/B4/LG/FOLIO/COMP	1	Yes
08	Setting Mode	Counter	Double count	For PM	Paper type	6014		Thick paper	1	0-1	M	0: Counted as 1 1: Counted as 2	1	Yes
08	Setting Mode	Counter	Double count	For PM	Paper type	6015		OHP	1	0-1	M	0: Counted as 1 1: Counted as 2	1	Yes
08	Setting Mode	Counter	Double count	For PM	Paper type	6016		Envelope	1	0-1	M	0: Counted as 1 1: Counted as 2	1	Yes
08	Setting Mode	Counter	Double count	For PM	Paper type	6017		Tab paper	1	0-1	M	0: Counted as 1 1: Counted as 2	1	Yes
08	Setting Mode	Counter	Double count	For PM	Paper type	6018		Count setting of special paper	1	0-1	M	0: Counted as 1 1: Counted as 2	1	Yes
08	Setting mode	Counter	Copy	Print	Full color	6060	0	Large	0	8 digits	SYS	Counts the number of output pages at the Full Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Copy	Print	Full color	6060	1	Small	0	8 digits	SYS	Counts the number of output pages at the Full Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Printer	Full color		6061	0	Large	0	8 digits	SYS	Counts the number of output pages at the Full Color Mode in the Printer Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Printer	Full color		6061	1	Small	0	8 digits	SYS	Counts the number of output pages at the Full Color Mode in the Printer Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Copy	Print	Twin Color/Monocolor	6062	0	Large	0	8 digits	SYS	Counts the number of output pages at the Twin Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Copy	Print	Twin Color/Monocolor	6062	1	Small	0	8 digits	SYS	Counts the number of output pages at the Twin Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Copy	Print	Black	6063	0	Large	0	8 digits	SYS	Counts the number of output pages at the Black Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Copy	Print	Black	6063	1	Small	0	8 digits	SYS	Counts the number of output pages at the Black Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Printer	Black		6064	0	Large	0	8 digits	SYS	Counts the number of output pages at the Black Mode in the Printer Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Printer	Black		6064	1	Small	0	8 digits	SYS	Counts the number of output pages at the Black Mode in the Printer Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	List print	Black		6065	0	Large	0	8 digits	SYS	Counts the number of output pages at the List Print Mode Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	List print	Black		6065	1	Small	0	8 digits	SYS	Counts the number of output pages at the List Print Mode Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	FAX	Print	Black	6066	0	Large	0	8 digits	SYS	Counts the number of output pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	FAX	Print	Black	6066	1	Small	0	8 digits	SYS	Counts the number of output pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Copy	Scanning	Full color	6067	0	Large	0	8 digits	SYS	Counts the number of scanning pages at the Full Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Copy	Scanning	Full color	6067	1	Small	0	8 digits	SYS	Counts the number of scanning pages at the Full Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	NW Scanning	Full color		6068	0	Large	0	8 digits	SYS	Counts the number of scanning pages at the Full Color Mode in the Scanning Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	NW Scanning	Full color		6068	1	Small	0	8 digits	SYS	Counts the number of scanning pages at the Full Color Mode in the Scanning Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Copy	Scanning	Twin Color/Monocolor	6069	0	Large	0	8 digits	SYS	Counts the number of scanning pages at the Twin Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Copy	Scanning	Twin Color/Monocolor	6069	1	Small	0	8 digits	SYS	Counts the number of scanning pages at the Twin Color Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	Copy	Scanning	Black	6070	0	Large	0	8 digits	SYS	Counts the number of scanning pages at the Black Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Copy	Scanning	Black	6070	1	Small	0	8 digits	SYS	Counts the number of scanning pages at the Black Mode in the Copier Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	FAX	Scanning	Black	6071	0	Large	0	8 digits	SYS	Counts the number of scanning pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	FAX	Scanning	Black	6071	1	Small	0	8 digits	SYS	Counts the number of scanning pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	NW Scanning	Black		6072	0	Large	0	8 digits	SYS	Counts the number of scanning pages in the Scanning Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	NW Scanning	Black		6072	1	Small	0	8 digits	SYS	Counts the number of scanning pages in the Scanning Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	FAX	Transmission	Black	6073	0	Large	0	8 digits	SYS	Counts the number of transmitted pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	FAX	Transmission	Black	6073	1	Small	0	8 digits	SYS	Counts the number of transmitted pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting mode	Counter	FAX	Reception	Black	6074	0	Large	0	8 digits	SYS	Counts the number of received pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	FAX	Reception	Black	6074	1	Small	0	8 digits	SYS	Counts the number of received pages in the FAX Function according to its size (large/small). Large: Number of output pages of large-sized paper defined at 08-6011 Small: Number of output pages other than set as large-sized paper	14	
08	Setting Mode	Counter	Custom counter			6080		Enabling/Disabling custom counter	0	0-1	SYS	When this setting is enabled, the custom counter of total counter is enabled. Related code: 08-6088, 6089. When this setting is enabled, 08-6010 does not affect the total counter. Since the count is calculated based on the existing Large/Small counter, the count before changing this setting is also included in the count. 0: Disabled 1: Enabled	1	Yes
08	Setting Mode	Counter	Custom counter/Job Quota	For administrator	Weighting/Scanning	6081	0	Black	0	0-9999	SYS	Weights subtraction of scanning from department/user Job Quota and addition of Scan Counter to Custom Counter. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	Yes
08	Setting Mode	Counter	Custom counter/Job Quota	For administrator	Weighting/Scanning	6081	1	Full Color	0	0-9999	SYS	Weights subtraction of scanning from department/user Job Quota and addition of Scan Counter to Custom Counter. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	Yes
08	Setting Mode	Counter	Double count	For charging	Paper type	6083	1	Thick1/2/3/4 (Back)	Refer to contents	0-1	SYS	Sets the weight of fee charging count for printing per page. Scan counter and fax counter are not influenced. 0: Single 1: Double <Default value> JPD/CND: 0 Others: 1	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Counter	Double count	For charging	Paper type	6083	2	Special1/2/3 (Back)	Refer to contents	0-1	SYS	Sets the weight of fee charging count for printing per page. Scan counter and fax counter are not influenced. 0: Single 1: Double <Default value> JPD/CND: 0 Others: 1	4	Yes
08	Setting Mode	Counter	Double count	For charging	Paper type	6083	3	Transparency	Refer to contents	0-1	SYS	Sets the weight of fee charging count for printing per page. Scan counter and fax counter are not influenced. 0: Single 1: Double <Default value> JPD/CND: 0 Others: 1	4	Yes
08	Setting Mode	Counter	Double count	For charging	Paper type	6083	4	Envelope (Back)	Refer to contents	0-1	SYS	Sets the weight of fee charging count for printing per page. Scan counter and fax counter are not influenced. 0: Single 1: Double <Default value> JPD/CND: 0 Others: 1	4	Yes
08	Setting Mode	Counter	Double count	For charging	Paper type	6083	5	Tab paper	Refer to contents	0-1	SYS	Sets the weight of fee charging count for printing per page. Scan counter and fax counter are not influenced. 0: Single 1: Double <Default value> JPD/CND: 0 Others: 1	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Counter	Custom counter/Job Quota	For administrator		6084		Enabling/Disabling custom counter/Job Quota	0	0-1	SYS	When this setting is enabled, the custom counter and Job Quota of department/user are enabled. Related code: 08-6081, 6085. When this setting is enabled, 08-6010 does not affect the counter/Quota of department/user. 0: Disabled 1: Enabled	1	Yes
08	Setting Mode	Counter	Custom counter/Job Quota	For administrator	Weighting/Print	6085	0	Black/Small	100	0-9999	SYS	Weights subtraction of printing from department/user Job Quota and addition of printing to Custom Counter. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	Yes
08	Setting Mode	Counter	Custom counter/Job Quota	For administrator	Weighting/Print	6085	1	Black/Large	100	0-9999	SYS	Weights subtraction of printing from department/user Job Quota and addition of printing to Custom Counter. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	Yes
08	Setting Mode	Counter	Custom counter/Job Quota	For administrator	Weighting/Print	6085	2	Full color/Small	100	0-9999	SYS	Weights subtraction of printing from department/user Job Quota and addition of printing to Custom Counter. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	Yes
08	Setting Mode	Counter	Custom counter/Job Quota	For administrator	Weighting/Print	6085	3	Full color/Large	100	0-9999	SYS	Weights subtraction of printing from department/user Job Quota and addition of printing to Custom Counter. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	Yes
08	Setting Mode	Counter	Custom counter/Job Quota	For administrator	Weighting/Print	6085	4	Twin Color/Monocolor/Small	100	0-9999	SYS	Weights subtraction of printing from department/user Job Quota and addition of printing to Custom Counter. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	Yes
08	Setting Mode	Counter	Custom counter/Job Quota	For administrator	Weighting/Print	6085	5	Twin Color/Monocolor/Large	100	0-9999	SYS	Weights subtraction of printing from department/user Job Quota and addition of printing to Custom Counter. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Counter	Counter Settings	Color/Black quota selection		6087		Twin/Mono color count	0	0-1	SYS	When the pages are counted for twin/mono color counter, this code sets whether the pages are subtracted from Color Quota or Black Quota. Not all the pages of twin/mono color are subtracted. The pages assigned to twin/mono color counter are subtracted. The setting of this code is enabled only in the Color/Black Quota mode and not enabled in the Job Quota mode. If the value of this code is set to "0" (Color Quota), an error occurs if a user without color permission performs twin color printing. Note that the same error occurs in the Job Quota mode. 0: Color Quota 1: Black Quota Related code: 08-6084, 08-9128, 08-9892	1	Yes
08	Setting Mode	Counter	Custom counter	For dealer	Weighting/Scanning	6088	0	Black	0	0-9999	SYS	Weights addition of Scan Counter to Custom Counter (Total Counter). Since the count is calculated based on the existing Large/Small counter, the count before changing this setting is also included in the count. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	
08	Setting Mode	Counter	Custom counter	For dealer	Weighting/Scanning	6088	1	Full Color	0	0-9999	SYS	Weights addition of Scan Counter to Custom Counter (Total Counter). Since the count is calculated based on the existing Large/Small counter, the count before changing this setting is also included in the count. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	
08	Setting Mode	Counter	Custom counter	For dealer	Weighting/Print	6089	0	Black/Small	100	0-9999	SYS	Weights addition of print to Custom Counter (Total Counter). Since the count is calculated based on the existing Large/Small counter, the count before changing this setting is also included in the count. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Counter	Custom counter	For dealer	Weighting/Print	6089	1	Black/Large	100	0-9999	SYS	Weights addition of print to Custom Counter (Total Counter). Since the count is calculated based on the existing Large/Small counter, the count before changing this setting is also included in the count. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	
08	Setting Mode	Counter	Custom counter	For dealer	Weighting/Print	6089	2	Full color/Small	100	0-9999	SYS	Weights addition of print to Custom Counter (Total Counter). Since the count is calculated based on the existing Large/Small counter, the count before changing this setting is also included in the count. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	
08	Setting Mode	Counter	Custom counter	For dealer	Weighting/Print	6089	3	Full color/Large	100	0-9999	SYS	Weights addition of print to Custom Counter (Total Counter). Since the count is calculated based on the existing Large/Small counter, the count before changing this setting is also included in the count. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	
08	Setting Mode	Counter	Custom counter	For dealer	Weighting/Print	6089	4	Twin Color/Monocolor/Small	100	0-9999	SYS	Weights addition of print to Custom Counter (Total Counter). Since the count is calculated based on the existing Large/Small counter, the count before changing this setting is also included in the count. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	
08	Setting Mode	Counter	Custom counter	For dealer	Weighting/Print	6089	5	Twin Color/Monocolor/Large	100	0-9999	SYS	Weights addition of print to Custom Counter (Total Counter). Since the count is calculated based on the existing Large/Small counter, the count before changing this setting is also included in the count. 0 (weight: 0.00) – 9999 (weight: 99.99)	4	
08	Setting Mode	Counter	Custom counter	For dealer		6090		Truncation after decimal point of custom counter value	0	0-1	SYS	Sets the display method of custom counter value of total counter. 0: Displays 2 decimal places. 1: Displays integer (Truncation after decimal point) When the value is displayed as integer, the total counter value (total value of each color) is sum of the truncated custom counter value of each color. Note that the value is slightly decreases compared to display with decimal point.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Counter	Custom counter	For dealer		6091		Output of annotation for custom counter	1	0-1	SYS	Sets whether the annotation "Custom Counter is result of..." for custom counter of total counter is output or not. 0: Annotation is not output 1: Annotation is output	1	
08	Setting Mode	Counter	Counter of Paper feed			6110		1st drawer	0	8 digits	M	Counts the number of sheets fed from 1st drawer.	2	Yes
08	Setting Mode	Counter	Counter of Paper feed			6111		2nd drawer	0	8 digits	M	Counts the number of sheets fed from 2nd drawer.	2	Yes
08	Setting Mode	Counter	Counter of Paper feed			6112		Bypass feed	0	8 digits	M	Counts the number of sheets fed from bypass feed.	2	Yes
08	Setting Mode	Counter	Counter of Paper feed			6113		LCF	0	8 digits	M	Counts the number of sheets fed from LCF.	2	Yes
08	Setting Mode	Counter	Counter of Paper feed			6114		PFP upper drawer	0	8 digits	M	Counts the number of sheets fed from PFP upper drawer.	2	Yes
08	Setting Mode	Counter	Counter of Paper feed			6115		PFP lower drawer	0	8 digits	M	Counts the number of sheets fed from PFP lower drawer.	2	Yes
08	Setting Mode	Counter	Counter of Paper feed			6116		ADU	0	8 digits	M	Counts the number of output pages of duplex printing.	2	Yes
08	Setting Mode	Counter	Counter of Paper feed			6117		RADF	0	8 digits	SYS	Counts the number of originals fed from RADF.	2	Yes
08	Setting Mode	Counter	Maintenance	PM counter	K	6190		Setting value	Refer to contents	8 digits	M	Sets the threshold for displaying a message for PM timing. 0: Not displayed <Default> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000 [Unit: page]	1	Yes
08	Setting Mode	Counter	Maintenance	PM drive counter	K	6191		Setting value	225000	8 digits	M	Sets the threshold for displaying a message for PM timing. 0: Not displayed [Unit: count]	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Counter	Maintenance	PM counter	Y	6192		Setting value	Refer to contents	8 digits	M	Sets the threshold for displaying a message for PM timing. 0: Not displayed <Default> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000 [Unit: page]	1	Yes
08	Setting Mode	Counter	Maintenance	PM drive counter	Y	6193		Setting value	225000	8 digits	M	Sets the threshold for displaying a message for PM timing. 0: Not displayed [Unit: count]	1	
08	Setting Mode	Counter	Maintenance	PM counter	K	6194		Current value	0	8 digits	M	Counts up when the registration sensor is ON. 0: clear (Unit: page) same as 08-6250-0	1	Yes
08	Setting Mode	Counter	Maintenance	PM drive counter	K	6195		Current value	0	8 digits	M	Counts the drum driving time. 0: clear (Unit: 1 count = 2 seconds) *Decelerating/Accelerating mode; 1 count = 4 seconds Same as 08-6250-3	1	Yes
08	Setting Mode	Counter	Maintenance	PM counter	Y	6196		Current value	0	8 digits	M	Counts up when the registration sensor is ON. 0: clear (Unit: page) same as 08-6252-0	1	Yes
08	Setting Mode	Counter	Maintenance	PM drive counter	Y	6197		Current value	0	8 digits	M	Counts the drum driving time. 0: clear (Unit: 1 count = 2 seconds) *Decelerating/Accelerating mode; 1 count = 4 seconds Same as 08-6252-3	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Maintenance	PM counter	Switching of output pages/ driving counts at PM	6198		K	1	0-2	M	Selects the reference to notify the PM timing. (The message is displayed on the LCD screen.) 0: PM counter (The number of output pages is set at 08-6190.) 1: PM time counter (The timing is set at 08-6191.) 2: Whichever comes faster	1	
08	Setting mode	Counter	Process			6211		Accumulated counter of output pages since the performing of image quality control	0	4 digits	M	Cleared to "0" by the image quality closed-loop control. Counts up with the number of printing job received after this control.	2	
08	Setting mode	Counter	Process	Number of output pages		6223		Thick paper 4	0	8 digits	M	Counts up when the registration sensor is ON in the thick paper 4 mode.	1	
08	Setting mode	Counter	Process	Number of output pages		6225		Thick paper 1	0	8 digits	M	Counts up when the registration sensor is ON in the thick paper 1 mode.	1	
08	Setting mode	Counter	Process	Number of output pages		6226		Thick paper 2	0	8 digits	M	Counts up when the registration sensor is ON in the thick paper 2 mode.	1	
08	Setting mode	Counter	Process	Number of output pages		6227		Thick paper 3	0	8 digits	M	Counts up when the registration sensor is ON in the thick paper 3 mode.	1	
08	Setting mode	Counter	Process	Number of output pages		6228		OHP film	0	8 digits	M	Counts up when the registration sensor is ON in the OHP film mode.	1	
08	Setting mode	Counter	Main charger			6229		Main charger needle electrode cleaning counter	0	8 digits	M	Does not count up when cleaning is not effective.	1	
08	Setting Mode	Counter	Paper feeding	Feeding retry counter		6230		1st drawer	0	8 digits	M	Counts the number of times of the feeding retry from the 1st drawer.	1	Yes
08	Setting Mode	Counter	Paper feeding	Feeding retry counter		6231		2nd drawer	0	8 digits	M	Counts the number of times of the feeding retry from the 2nd drawer.	1	Yes
08	Setting Mode	Counter	Paper feeding	Feeding retry counter		6232		PFP upper drawer	0	8 digits	M	Counts the number of times of feeding retries from the PFP upper drawer.	1	Yes
08	Setting Mode	Counter	Paper feeding	Feeding retry counter		6233		PFP lower drawer	0	8 digits	M	Counts the number of times of feeding retries from the PFP upper drawer.	1	Yes
08	Setting Mode	Counter	Paper feeding	Feeding retry counter		6234		Bypass feed	0	8 digits	M	Counts the number of times of the feeding retry from the bypass tray.	1	Yes
08	Setting Mode	Counter	Paper feeding	Feeding retry counter		6235		LCF	0	8 digits	M	Counts the number of times of the feeding retry from the LCF.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Paper feeding	Feeding retry counter	Upper limit value	6236		1st drawer	20	8 digits	M	When the number of feeding retry (08-6230 to 6235) exceeds the setting value, the feeding retry will not be performed subsequently. In case "0" is set as a setting value, however, the feeding retry continues regardless of the counter setting value. * Feeding retry counter upper limit value In this equipment, a toner image is formed on the transfer belt prior to a paper feeding. When the feeding retry occurs and the transport timing is delayed, the toner image on the transfer belt is cleaned off without the 2nd transfer since the paper cannot be reached for the 2nd transfer process. After that, the toner image formation is retried while the paper is waited. In this case, the toner for this image formation is consumed wastefully since the toner image on the transfer belt is already cleaned off, even though the printing is normally completed. Therefore, note that the excessive toner will be consumed consequently when the upper limit value of feeding retry counter is set larger or set as “0” (no limit). The toner is also consumed wastefully when the paper misfeeding occurs. Replace the roller at earlier timing if the paper misfeedings have occurred frequently.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Paper feeding	Feeding retry counter	Upper limit value	6237		2nd drawer	20	8 digits	M	When the number of feeding retry (08-6230 to 6235) exceeds the setting value, the feeding retry will not be performed subsequently. In case "0" is set as a setting value, however, the feeding retry continues regardless of the counter setting value. * Feeding retry counter upper limit value In this equipment, a toner image is formed on the transfer belt prior to a paper feeding. When the feeding retry occurs and the transport timing is delayed, the toner image on the transfer belt is cleaned off without the 2nd transfer since the paper cannot be reached for the 2nd transfer process. After that, the toner image formation is retried while the paper is waited. In this case, the toner for this image formation is consumed wastefully since the toner image on the transfer belt is already cleaned off, even though the printing is normally completed. Therefore, note that the excessive toner will be consumed consequently when the upper limit value of feeding retry counter is set larger or set as “0” (no limit). The toner is also consumed wastefully when the paper misfeeding occurs. Replace the roller at earlier timing if the paper misfeedings have occurred frequently.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Paper feeding	Feeding retry counter	Upper limit value	6238		PFP upper drawer	20	8 digits	M	When the number of feeding retry (08-6230 to 6235) exceeds the setting value, the feeding retry will not be performed subsequently. In case "0" is set as a setting value, however, the feeding retry continues regardless of the counter setting value. * Feeding retry counter upper limit value In this equipment, a toner image is formed on the transfer belt prior to a paper feeding. When the feeding retry occurs and the transport timing is delayed, the toner image on the transfer belt is cleaned off without the 2nd transfer since the paper cannot be reached for the 2nd transfer process. After that, the toner image formation is retried while the paper is waited. In this case, the toner for this image formation is consumed wastefully since the toner image on the transfer belt is already cleaned off, even though the printing is normally completed. Therefore, note that the excessive toner will be consumed consequently when the upper limit value of feeding retry counter is set larger or set as “0” (no limit). The toner is also consumed wastefully when the paper misfeeding occurs. Replace the roller at earlier timing if the paper misfeedings have occurred frequently.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Paper feeding	Feeding retry counter	Upper limit value	6239		PFP lower drawer	20	8 digits	M	When the number of feeding retry (08-6230 to 6235) exceeds the setting value, the feeding retry will not be performed subsequently. In case "0" is set as a setting value, however, the feeding retry continues regardless of the counter setting value. * Feeding retry counter upper limit value In this equipment, a toner image is formed on the transfer belt prior to a paper feeding. When the feeding retry occurs and the transport timing is delayed, the toner image on the transfer belt is cleaned off without the 2nd transfer since the paper cannot be reached for the 2nd transfer process. After that, the toner image formation is retried while the paper is waited. In this case, the toner for this image formation is consumed wastefully since the toner image on the transfer belt is already cleaned off, even though the printing is normally completed. Therefore, note that the excessive toner will be consumed consequently when the upper limit value of feeding retry counter is set larger or set as “0” (no limit). The toner is also consumed wastefully when the paper misfeeding occurs. Replace the roller at earlier timing if the paper misfeedings have occurred frequently.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Paper feeding	Feeding retry counter	Upper limit value	6240		Bypass feed	40	8 digits	M	When the number of feeding retry (08-6230 to 6235) exceeds the setting value, the feeding retry will not be performed subsequently. In case "0" is set as a setting value, however, the feeding retry continues regardless of the counter setting value. * Feeding retry counter upper limit value In this equipment, a toner image is formed on the transfer belt prior to a paper feeding. When the feeding retry occurs and the transport timing is delayed, the toner image on the transfer belt is cleaned off without the 2nd transfer since the paper cannot be reached for the 2nd transfer process. After that, the toner image formation is retried while the paper is waited. In this case, the toner for this image formation is consumed wastefully since the toner image on the transfer belt is already cleaned off, even though the printing is normally completed. Therefore, note that the excessive toner will be consumed consequently when the upper limit value of feeding retry counter is set larger or set as “0” (no limit). The toner is also consumed wastefully when the paper misfeeding occurs. Replace the roller at earlier timing if the paper misfeedings have occurred frequently.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Paper feeding	Feeding retry counter	Upper limit value	6241		LCF	20	8 digits	M	When the number of feeding retry (08-6230 to 6235) exceeds the setting value, the feeding retry will not be performed subsequently. In case "0" is set as a setting value, however, the feeding retry continues regardless of the counter setting value. * Feeding retry counter upper limit value In this equipment, a toner image is formed on the transfer belt prior to a paper feeding. When the feeding retry occurs and the transport timing is delayed, the toner image on the transfer belt is cleaned off without the 2nd transfer since the paper cannot be reached for the 2nd transfer process. After that, the toner image formation is retried while the paper is waited. In this case, the toner for this image formation is consumed wastefully since the toner image on the transfer belt is already cleaned off, even though the printing is normally completed. Therefore, note that the excessive toner will be consumed consequently when the upper limit value of feeding retry counter is set larger or set as “0” (no limit). The toner is also consumed wastefully when the paper misfeeding occurs. Replace the roller at earlier timing if the paper misfeedings have occurred frequently.	1	
08	Setting mode	Counter	Paper feeding			6243		Special paper	0	8 digits	M	Counts up when the registration sensor is ON in the special paper mode.	1	
08	Setting mode	Counter	Paper feeding			6244		Tab paper	0	8 digits	M	Counts up when the registration sensor is ON in the tab paper mode.	1	
08	Setting mode	Counter	Paper feeding			6247		Envelope	0	8 digits	M	(Unit: Sheets)	1	
08	Setting mode	Counter	Toner	Backup counter for rotation time of toner refill motor		6249	0	Y	0	8 digits	M	The rotation time of toner refill motor is stored when the toner cartridge becomes empty.	14	
08	Setting mode	Counter	Toner	Backup counter for rotation time of toner refill motor		6249	1	M	0	8 digits	M	The rotation time of toner refill motor is stored when the toner cartridge becomes empty.	14	
08	Setting mode	Counter	Toner	Backup counter for rotation time of toner refill motor		6249	2	C	0	8 digits	M	The rotation time of toner refill motor is stored when the toner cartridge becomes empty.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Toner	Backup counter for rotation time of toner refill motor		6249	3	K	0	8 digits	M	The rotation time of toner refill motor is stored when the toner cartridge becomes empty.	14	
08	Setting mode	Counter	PM counter	Photoconductive drum (K)		6250	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (K)		6250	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Photoconductive drum (K)		6250	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (K)		6250	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (K)		6250	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (K)		6250	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (K)		6250	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (K)		6250	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (K)		6250	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (K)		6251		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Photoconductive drum (Y)		6252	0	Present number of output pages	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Photoconductive drum (Y)		6252	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Photoconductive drum (Y)		6252	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (Y)		6252	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (Y)		6252	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (Y)		6252	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (Y)		6252	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (Y)		6252	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (Y)		6252	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (Y)		6253		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Photoconductive drum (M)		6254	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (M)		6254	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Photoconductive drum (M)		6254	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (M)		6254	3	Present driving counts	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Photoconductive drum (M)		6254	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (M)		6254	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (M)		6254	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (M)		6254	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (M)		6254	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (M)		6255		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Photoconductive drum (C)		6256	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (C)		6256	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Photoconductive drum (C)		6256	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (C)		6256	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (C)		6256	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (C)		6256	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (C)		6256	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (C)		6256	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Photoconductive drum (C)		6256	8	Number of times replaced	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Photoconductive drum (C)		6257		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Drum cleaning blade (K)		6258	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (K)		6258	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (K)		6258	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (K)		6258	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (K)		6258	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (K)		6258	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (K)		6258	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (K)		6258	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (K)		6258	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (K)		6259		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Drum cleaning blade (Y)		6260	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (Y)		6260	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Drum cleaning blade (Y)		6260	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (Y)		6260	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (Y)		6260	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (Y)		6260	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (Y)		6260	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (Y)		6260	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (Y)		6260	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (Y)		6261		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Drum cleaning blade (M)		6262	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (M)		6262	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (M)		6262	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (M)		6262	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (M)		6262	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (M)		6262	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (M)		6262	6	Present output pages for control	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Drum cleaning blade (M)		6262	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (M)		6262	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (M)		6263		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Drum cleaning blade (C)		6264	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (C)		6264	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (C)		6264	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (C)		6264	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (C)		6264	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (C)		6264	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (C)		6264	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (C)		6264	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (C)		6264	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Drum cleaning blade (C)		6265		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger grid (K)		6274	0	Present number of output pages	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Charger grid (K)		6274	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Charger grid (K)		6274	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (K)		6274	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (K)		6274	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (K)		6274	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (K)		6274	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (K)		6274	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (K)		6274	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (K)		6275		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger grid (Y)		6276	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (Y)		6276	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Charger grid (Y)		6276	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (Y)		6276	3	Present driving counts	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Charger grid (Y)		6276	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (Y)		6276	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (Y)		6276	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (Y)		6276	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (Y)		6276	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (Y)		6277		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger grid (M)		6278	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (M)		6278	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Charger grid (M)		6278	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (M)		6278	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (M)		6278	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (M)		6278	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (M)		6278	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (M)		6278	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (M)		6278	8	Number of times replaced	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Charger grid (M)		6279		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger grid (C)		6280	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (C)		6280	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Charger grid (C)		6280	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (C)		6280	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (C)		6280	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (C)		6280	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (C)		6280	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (C)		6280	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (C)		6280	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger grid (C)		6281		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(K)		6282	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(K)		6282	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(K)		6282	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(K)		6282	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(K)		6282	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(K)		6282	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(K)		6282	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(K)		6282	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(K)		6282	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(K)		6283		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(Y)		6284	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(Y)		6284	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(Y)		6284	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(Y)		6284	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(Y)		6284	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(Y)		6284	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(Y)		6284	6	Present output pages for control	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(Y)		6284	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(Y)		6284	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(Y)		6285		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(M)		6286	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(M)		6286	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(M)		6286	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(M)		6286	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(M)		6286	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(M)		6286	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(M)		6286	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(M)		6286	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(M)		6286	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(M)		6287		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(C)		6288	0	Present number of output pages	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(C)		6288	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(C)		6288	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(C)		6288	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(C)		6288	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(C)		6288	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(C)		6288	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(C)		6288	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(C)		6288	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger (Wire/needle)(C)		6289		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger cleaning pad (K)		6290	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (K)		6290	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (K)		6290	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (K)		6290	3	Present driving counts	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Charger cleaning pad (K)		6290	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (K)		6290	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (K)		6290	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (K)		6290	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (K)		6290	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (K)		6291		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger cleaning pad (Y)		6292	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (Y)		6292	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (Y)		6292	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (Y)		6292	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (Y)		6292	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (Y)		6292	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (Y)		6292	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (Y)		6292	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (Y)		6292	8	Number of times replaced	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Charger cleaning pad (Y)		6293		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger cleaning pad (M)		6294	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (M)		6294	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (M)		6294	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (M)		6294	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (M)		6294	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (M)		6294	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (M)		6294	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (M)		6294	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (M)		6294	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (M)		6295		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Charger cleaning pad (C)		6296	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (C)		6296	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Charger cleaning pad (C)		6296	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (C)		6296	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (C)		6296	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (C)		6296	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (C)		6296	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (C)		6296	7	Present rotation counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (C)		6296	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Charger cleaning pad (C)		6297		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Ozone filter		6298	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Ozone filter		6298	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 240000 35ppm: 280000 45ppm: 302400 50ppm: 336000 25ppm: 200000	4	
08	Setting mode	Counter	PM counter	Ozone filter		6298	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Ozone filter		6298	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Ozone filter		6298	4	Recommended driving counts to be replaced	900000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Ozone filter		6298	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Ozone filter		6298	6	Present output pages for control	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Ozone filter		6298	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Ozone filter		6298	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Ozone filter		6299		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Developer material (K)		6300	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (K)		6300	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Developer material (K)		6300	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (K)		6300	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (K)		6300	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 25/30/35ppm: 160000 45/50ppm: 180000	4	
08	Setting mode	Counter	PM counter	Developer material (K)		6300	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (K)		6300	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (K)		6300	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (K)		6300	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (K)		6301		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Developer material (Y)		6302	0	Present number of output pages	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Developer material (Y)		6302	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Developer material (Y)		6302	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (Y)		6302	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (Y)		6302	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 25/30/35ppm: 160000 45/50ppm: 180000	4	
08	Setting mode	Counter	PM counter	Developer material (Y)		6302	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (Y)		6302	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (Y)		6302	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (Y)		6302	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (Y)		6303		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Developer material (M)		6304	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (M)		6304	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Developer material (M)		6304	2	Number of output pages at the last replacement	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Developer material (M)		6304	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (M)		6304	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 25/30/35ppm: 160000 45/50ppm: 180000	4	
08	Setting mode	Counter	PM counter	Developer material (M)		6304	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (M)		6304	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (M)		6304	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (M)		6304	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (M)		6305		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Developer material (C)		6306	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (C)		6306	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	Developer material (C)		6306	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (C)		6306	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (C)		6306	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 25/30/35ppm: 160000 45/50ppm: 180000	4	
08	Setting mode	Counter	PM counter	Developer material (C)		6306	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (C)		6306	6	Present output pages for control	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Developer material (C)		6306	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (C)		6306	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Developer material (C)		6307		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	1st transfer K roller		6314	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer K roller		6314	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 540000 35ppm: 630000 45ppm: 680400 50ppm: 756000 25ppm: 450000	4	
08	Setting mode	Counter	PM counter	1st transfer K roller		6314	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer K roller		6314	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer K roller		6314	4	Recommended driving counts to be replaced	2E+06	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer K roller		6314	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer K roller		6314	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer K roller		6314	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer K roller		6314	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer K roller		6315		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	1st transfer Y roller		6316	0	Present number of output pages	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	1st transfer Y roller		6316	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 540000 35ppm: 630000 45ppm: 680400 50ppm: 756000 25ppm: 450000	4	
08	Setting mode	Counter	PM counter	1st transfer Y roller		6316	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer Y roller		6316	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer Y roller		6316	4	Recommended driving counts to be replaced	2E+06	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer Y roller		6316	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer Y roller		6316	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer Y roller		6316	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer Y roller		6316	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer Y roller		6317		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	1st transfer M roller		6318	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer M roller		6318	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 540000 35ppm: 630000 45ppm: 680400 50ppm: 756000 25ppm: 450000	4	
08	Setting mode	Counter	PM counter	1st transfer M roller		6318	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer M roller		6318	3	Present driving counts	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	1st transfer M roller		6318	4	Recommended driving counts to be replaced	2E+06	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer M roller		6318	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer M roller		6318	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer M roller		6318	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer M roller		6318	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer M roller		6319		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	1st transfer C roller		6320	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer C roller		6320	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 540000 35ppm: 630000 45ppm: 680400 50ppm: 756000 25ppm: 450000	4	
08	Setting mode	Counter	PM counter	1st transfer C roller		6320	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer C roller		6320	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer C roller		6320	4	Recommended driving counts to be replaced	2E+06	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer C roller		6320	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer C roller		6320	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer C roller		6320	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	1st transfer C roller		6320	8	Number of times replaced	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	1st transfer C roller		6321		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Transfer belt		6328	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt		6328	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 540000 35ppm: 630000 45ppm: 680400 50ppm: 756000 25ppm: 450000	4	
08	Setting mode	Counter	PM counter	Transfer belt		6328	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt		6328	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt		6328	4	Recommended driving counts to be replaced	2E+06	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt		6328	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt		6328	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt		6328	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt		6328	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt		6329		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Transfer belt cleaning blade		6332	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt cleaning blade		6332	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 180000 35ppm: 210000 45ppm: 226800 50ppm: 252000 25ppm: 150000	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Transfer belt cleaning blade		6332	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt cleaning blade		6332	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt cleaning blade		6332	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 675000	4	
08	Setting mode	Counter	PM counter	Transfer belt cleaning blade		6332	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt cleaning blade		6332	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt cleaning blade		6332	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt cleaning blade		6332	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Transfer belt cleaning blade		6333		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	2nd transfer roller		6340	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	2nd transfer roller		6340	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 120000 35ppm: 140000 45ppm: 151000 50ppm: 168000 25ppm: 100000	4	
08	Setting mode	Counter	PM counter	2nd transfer roller		6340	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	2nd transfer roller		6340	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	2nd transfer roller		6340	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 450000	4	
08	Setting mode	Counter	PM counter	2nd transfer roller		6340	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	2nd transfer roller		6340	6	Present output pages for control	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	2nd transfer roller		6340	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	2nd transfer roller		6340	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	2nd transfer roller		6341		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Pressure roller		6350	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller		6350	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 240000 35ppm: 280000 45ppm: 302400 50ppm: 336000 25ppm: 200000	4	
08	Setting mode	Counter	PM counter	Pressure roller		6350	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller		6350	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller		6350	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 30ppm: 770000 35ppm: 900000 45ppm: 650000 50ppm: 720000 25ppm: 640000	4	
08	Setting mode	Counter	PM counter	Pressure roller		6350	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller		6350	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller		6350	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller		6350	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller		6351		Date of previous replacement	0	8 digits	M		2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Pressure roller separation finger		6370	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller separation finger		6370	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 240000 35ppm: 280000 45ppm: 302400 50ppm: 336000 25ppm: 200000	4	
08	Setting mode	Counter	PM counter	Pressure roller separation finger		6370	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller separation finger		6370	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller separation finger		6370	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 30ppm: 770000 35ppm: 900000 45ppm: 650000 50ppm: 720000 25ppm: 640000	4	
08	Setting mode	Counter	PM counter	Pressure roller separation finger		6370	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller separation finger		6370	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller separation finger		6370	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller separation finger		6370	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pressure roller separation finger		6371		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Fuser belt		6372	0	Present number of output pages	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Fuser belt		6372	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 240000 35ppm: 280000 45ppm: 302400 50ppm: 336000 25ppm: 200000	4	
08	Setting mode	Counter	PM counter	Fuser belt		6372	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser belt		6372	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser belt		6372	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 30ppm: 770000 35ppm: 900000 45ppm: 650000 50ppm: 720000 25ppm: 640000	4	
08	Setting mode	Counter	PM counter	Fuser belt		6372	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser belt		6372	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser belt		6372	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser belt		6372	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser belt		6373		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Pickup roller (RADF)		6382	0	Present number of output pages	0	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Pickup roller (RADF)		6382	1	Recommended number of output pages for replacement	120000	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Pickup roller (RADF)		6382	2	Number of output pages at the last replacement	0	8 digits	SYS		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Pickup roller (RADF)		6382	8	Number of times replaced	0	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Pickup roller (RADF)		6383		Date of previous replacement	0	8 digits	SYS		2	
08	Setting mode	Counter	PM counter	Feed roller (RADF)		6384	0	Present number of output pages	0	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Feed roller (RADF)		6384	1	Recommended number of output pages for replacement	120000	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Feed roller (RADF)		6384	2	Number of output pages at the last replacement	0	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Feed roller (RADF)		6384	8	Number of times replaced	0	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Feed roller (RADF)		6385		Date of previous replacement	0	8 digits	SYS		2	
08	Setting mode	Counter	PM counter	Separation roller (RADF)		6386	0	Present number of output pages	0	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Separation roller (RADF)		6386	1	Recommended number of output pages for replacement	120000	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Separation roller (RADF)		6386	2	Number of output pages at the last replacement	0	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Separation roller (RADF)		6386	8	Number of times replaced	0	8 digits	SYS		4	
08	Setting mode	Counter	PM counter	Separation roller (RADF)		6387		Date of previous replacement	0	8 digits	SYS		2	
08	Setting mode	Counter	PM counter	Pickup roller (1st drawer)		6390	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (1st drawer)		6390	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (1st drawer)		6390	2	Number of output pages at the last replacement	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Pickup roller (1st drawer)		6390	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (1st drawer)		6391		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Pickup roller (2nd drawer)		6392	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (2nd drawer)		6392	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (2nd drawer)		6392	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (2nd drawer)		6392	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (2nd drawer)		6393		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Pickup roller (LCF)		6394	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (LCF)		6394	1	Recommended number of output pages for replacement	160000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (LCF)		6394	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (LCF)		6394	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (LCF)		6395		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Feed roller (1st drawer)		6398	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (1st drawer)		6398	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (1st drawer)		6398	2	Number of output pages at the last replacement	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Feed roller (1st drawer)		6398	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (1st drawer)		6399		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Feed roller (2nd drawer)		6400	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (2nd drawer)		6400	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (2nd drawer)		6400	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (2nd drawer)		6400	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (2nd drawer)		6401		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Feed roller (LCF)		6402	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (LCF)		6402	1	Recommended number of output pages for replacement	160000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (LCF)		6402	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (LCF)		6402	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (LCF)		6403		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Separation pad (1st drawer)		6406	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation pad (1st drawer)		6406	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation pad (1st drawer)		6406	2	Number of output pages at the last replacement	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Separation pad (1st drawer)		6406	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation pad (1st drawer)		6407		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Separation roller (2nd drawer)		6408	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (2nd drawer)		6408	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (2nd drawer)		6408	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (2nd drawer)		6408	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (2nd drawer)		6409		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Separation roller (LCF)		6410	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (LCF)		6410	1	Recommended number of output pages for replacement	160000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (LCF)		6410	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (LCF)		6410	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (LCF)		6411		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Separation roller (PFP upper drawer)		6412	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (PFP upper drawer)		6412	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (PFP upper drawer)		6412	2	Number of output pages at the last replacement	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Separation roller (PFP upper drawer)		6412	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (PFP upper drawer)		6413		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Separation roller (PFP lower drawer)		6414	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (PFP lower drawer)		6414	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (PFP lower drawer)		6414	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (PFP lower drawer)		6414	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation roller (PFP lower drawer)		6415		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Separation pad (Bypass unit)		6416	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation pad (Bypass unit)		6416	1	Recommended number of output pages for replacement	160000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation pad (Bypass unit)		6416	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation pad (Bypass unit)		6416	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Separation pad (Bypass unit)		6417		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Feed roller (PFP upper drawer)		6420	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (PFP upper drawer)		6420	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (PFP upper drawer)		6420	2	Number of output pages at the last replacement	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Feed roller (PFP upper drawer)		6420	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (PFP upper drawer)		6421		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Feed roller (PFP lower drawer)		6422	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (PFP lower drawer)		6422	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (PFP lower drawer)		6422	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (PFP lower drawer)		6422	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (PFP lower drawer)		6423		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Feed roller (Bypass unit)		6424	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (Bypass unit)		6424	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (Bypass unit)		6424	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (Bypass unit)		6424	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Feed roller (Bypass unit)		6425		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Pickup roller (PFP upper drawer)		6428	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (PFP upper drawer)		6428	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (PFP upper drawer)		6428	2	Number of output pages at the last replacement	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Pickup roller (PFP upper drawer)		6428	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (PFP upper drawer)		6429		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Pickup roller (PFP lower drawer)		6430	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (PFP lower drawer)		6430	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (PFP lower drawer)		6430	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (PFP lower drawer)		6430	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (PFP lower drawer)		6431		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Pickup roller (Bypass unit)		6432	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (Bypass unit)		6432	1	Recommended number of output pages for replacement	80000	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (Bypass unit)		6432	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (Bypass unit)		6432	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Pickup roller (Bypass unit)		6433		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Pixel counter	Setting			6500		Standard paper size	Refer to contents	0-1	SYS	Selects the standard paper size to convert it into the pixel count (%). 0: A4 1: LT <Default value> NAD: 1 Others: 0	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Clearing			6501		All clearing	-	-	SYS	Clears all information related to the pixel counter.	3	
08	Setting mode	Pixel counter	Clearing			6502		Service technician reference counter	-	-	SYS	Clears all information related to the service technician reference pixel counter.	3	
08	Setting mode	Pixel counter	Clearing			6503		Toner cartridge reference counter	-	-	SYS	Clears all information related to the toner cartridge reference pixel counter.	3	
08	Setting mode	Pixel counter	Setting			6504		Pixel counter display	1	0-1	SYS	Selects whether or not to display the pixel counter on the LCD screen. 0: Displayed 1: Not displayed	1	
08	Setting mode	Pixel counter	Setting			6505		Displayed reference	0	0-1	SYS	Selects the reference when displaying the pixel counter on the LCD screen. 0: Service technician reference1: Toner cartridge reference	1	
08	Setting mode	Pixel counter	Setting			6506		Toner empty determination counter	0	0-1	SYS	Selects the counter to determine toner empty. 0: Output pages 1: Pixel counter	1	
08	Setting mode	Pixel counter	Setting	Threshold setting for toner empty determination		6507		Output pages	500	0-999	SYS	Sets the number of output pages to determine toner empty. This setting is valid when "0" is set at 08-6506.	1	
08	Setting mode	Pixel counter	Setting	Threshold setting for toner empty determination		6508		Pixel counter	21500	0-60000	SYS	Sets the number of output pages to determine toner empty. This setting is valid when "1" is set at 08-6506.	1	
08	Setting mode	Pixel counter	Clearing	Flag		6509		Service technician reference	0	0-1	SYS	Becomes "1" when 08-6502 is performed.	2	
08	Setting mode	Pixel counter	Display	Cleared date		6510		Service technician reference	-	-	SYS	Displays the date on which 08-6502 was performed.	2	
08	Setting mode	Pixel counter	Display	Cleared date	Toner cartridge reference	6511		Y	-	-	SYS	Displays the date on which 08-6503 was performed.	2	
08	Setting mode	Pixel counter	Display	Cleared date	Toner cartridge reference	6512		M	-	-	SYS	Displays the date on which 08-6503 was performed.	2	
08	Setting mode	Pixel counter	Display	Cleared date	Toner cartridge reference	6513		C	-	-	SYS	Displays the date on which 08-6503 was performed.	2	
08	Setting mode	Pixel counter	Display	Cleared date	Toner cartridge reference	6514		K	-	-	SYS	Displays the date on which 08-6503 was performed.	2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Display	Count started date	Toner cartridge reference	6519		Y	-	-	SYS	Displays the date on which 08-6503 was performed.	2	
08	Setting mode	Pixel counter	Display	Count started date	Toner cartridge reference	6520		M	-	-	SYS	Displays the date on which 08-6503 was performed.	2	
08	Setting mode	Pixel counter	Display	Count started date	Toner cartridge reference	6521		C	-	-	SYS	Displays the date on which 08-6503 was performed.	2	
08	Setting mode	Pixel counter	Display	Count started date	Toner cartridge reference	6522		K	-	-	SYS	Displays the date on which 08-6503 was performed.	2	
08	Setting mode	Pixel counter	Number of output pages	Service technician reference	PPC	6557		Full color	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the copy function, full color mode and service technician reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Service technician reference	PPC	6558		Black	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the copy function, black mode and service technician reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Service technician reference	PRT	6559		Full color	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the printer function, full color mode and service technician reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Service technician reference	PRT	6560		Black	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the printer function, black mode and service technician reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Service technician reference	FAX	6561		Black	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the FAX function, black mode and service technician reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	PPC	6562		Full color (K)	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner K and toner cartridge reference. [Unit. page]	2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	PPC	6563		Black	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the copy function, black mode and toner cartridge reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	PRT	6564		Full color (K)	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner K and toner cartridge reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	PRT	6565		Black	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the printer function, black mode and toner cartridge reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	FAX	6566		Black	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the FAX function, black mode and toner cartridge reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	PPC	6567		Full color (Y)	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner Y and toner cartridge reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	PRT	6568		Full color (Y)	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner Y and toner cartridge reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	PPC	6569		Full color (M)	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner M and toner cartridge reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	PRT	6570		Full color (M)	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner M and toner cartridge reference. [Unit. page]	2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	PPC	6571		Full color (C)	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the copy function, full color mode, toner C and toner cartridge reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Number of output pages	Toner cartridge reference	PRT	6572		Full color (C)	0	8 digits	SYS	Counts the number of output pages converted to the standard paper size in the printer function, full color mode, toner C and toner cartridge reference. [Unit. page]	2	
08	Setting mode	Pixel counter	Counter	Toner cartridge replacement counter		6573		Y	0	3 digits	SYS	Counts the number of time of the toner cartridge Y replacement.	2	
08	Setting mode	Pixel counter	Counter	Toner cartridge replacement counter		6574		M	0	3 digits	SYS	Counts the number of time of the toner cartridge M replacement.	2	
08	Setting mode	Pixel counter	Counter	Toner cartridge replacement counter		6575		C	0	3 digits	SYS	Counts the number of time of the toner cartridge C replacement.	2	
08	Setting mode	Pixel counter	Counter	Toner cartridge replacement counter		6576		K	0	3 digits	SYS	Counts the number of time of the toner cartridge K replacement.	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC	6587		Full color (Y+M+C+K)	0	0-10000	SYS	Displays the average pixel count in the copy function, full color mode, all toner and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC	6588		Full color (Y)	0	0-10000	SYS	Displays the average pixel count in the copy function, full color mode, toner Y and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC	6589		Full color (M)	0	0-10000	SYS	Displays the average pixel count in the copy function, full color mode, toner M and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC	6590		Full color (C)	0	0-10000	SYS	Displays the average pixel count in the copy function, full color mode, toner C and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC	6591		Full color (K)	0	0-10000	SYS	Displays the average pixel count in the copy function, full color mode, toner K and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PRT	6592		Full color (Y+M+C+K)	0	0-10000	SYS	Displays the average pixel count in the printer function, full color mode, all toner and service technician reference. [Unit: 0.01%]	2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PRT	6593		Full color (Y)	0	0-10000	SYS	Displays the average pixel count in the printer function, full color mode, toner Y and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PRT	6594		Full color (M)	0	0-10000	SYS	Displays the average pixel count in the printer function, full color mode, toner M and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PRT	6595		Full color (C)	0	0-10000	SYS	Displays the average pixel count in the printer function, full color mode, toner C and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PRT	6596		Full color (K)	0	0-10000	SYS	Displays the average pixel count in the printer function, full color mode, toner K and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC/PRT	6597		Full color (Y+M+C+K)	0	0-10000	SYS	Displays the average pixel count in the copy/printer function, full color mode, all toner and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC/PRT	6598		Full color (Y)	0	0-10000	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner Y and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC/PRT	6599		Full color (M)	0	0-10000	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner M and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC/PRT	6600		Full color (C)	0	0-10000	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner C and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC/PRT	6601		Full color (K)	0	0-10000	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner K and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC	6602		Black	0	0-10000	SYS	Displays the average pixel count in the copy function, black mode and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PRT	6603		Black	0	0-10000	SYS	Displays the average pixel count in the printer function, black mode and service technician reference. [Unit: 0.01%]	2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	FAX	6604		Black	0	0-10000	SYS	Displays the average pixel count in the FAX function, black mode and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Service technician reference	PPC/PRT/FAX	6605		Black	0	0-10000	SYS	Displays the average pixel count in the copy/printer/FAX function, black mode and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PPC	6606		Full color (Y+M+C+K)	0	0-10000	SYS	Displays the latest pixel count in the copy function, full color mode, all toner and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PPC	6607		Full color (Y)	0	0-10000	SYS	Displays the latest pixel count in the copy function, full color mode, toner Y and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PPC	6608		Full color (M)	0	0-10000	SYS	Displays the latest pixel count in the copy function, full color mode, toner M and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PPC	6609		Full color (C)	0	0-10000	SYS	Displays the latest pixel count in the copy function, full color mode, toner C and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PPC	6610		Full color (K)	0	0-10000	SYS	Displays the latest pixel count in the copy function, full color mode, toner K and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PRT	6611		Full color (Y+M+C+K)	0	0-10000	SYS	Displays the latest pixel count in the printer function, full color mode, all toner and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PRT	6612		Full color (Y)	0	0-10000	SYS	Displays the latest pixel count in the printer function, full color mode, toner Y and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PRT	6613		Full color (M)	0	0-10000	SYS	Displays the latest pixel count in the printer function, full color mode, toner M and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PRT	6614		Full color (C)	0	0-10000	SYS	Displays the latest pixel count in the printer function, full color mode, toner C and service technician reference. [Unit: 0.01%]	2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PRT	6615		Full color (K)	0	0-10000	SYS	Displays the latest pixel count in the printer function, full color mode, toner K and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PPC	6616		Black	0	0-10000	SYS	Displays the latest pixel count in the copy function, black mode and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	PRT	6617		Black	0	0-10000	SYS	Displays the latest pixel count in the printer function, black mode and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Service technician reference	FAX	6618		Black	0	0-10000	SYS	Displays the latest pixel count in the FAX function, black mode and service technician reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PPC	6619		Full color (Y)	0	0-10000	SYS	Displays the average pixel count in the copy function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PPC	6620		Full color (M)	0	0-10000	SYS	Displays the average pixel count in the copy function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PPC	6621		Full color (C)	0	0-10000	SYS	Displays the average pixel count in the copy function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PPC	6622		Full color (K)	0	0-10000	SYS	Displays the average pixel count in the copy function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PPC	6623		Black	0	0-10000	SYS	Displays the average pixel count in the copy function, black mode and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PPC	6624		Full color (K)+black	0	0-10000	SYS	Displays the average pixel count in the copy function, full color/black mode, toner K and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PRT	6625		Full color (Y)	0	0-10000	SYS	Displays the average pixel count in the printer function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%]	2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PRT	6626		Full color (M)	0	0-10000	SYS	Displays the average pixel count in the printer function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PRT	6627		Full color (C)	0	0-10000	SYS	Displays the average pixel count in the printer function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PRT	6628		Full color (K)	0	0-10000	SYS	Displays the average pixel count in the printer function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PRT	6629		Black	0	0-10000	SYS	Displays the average pixel count in the printer function, black mode and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PRT	6630		Full color (K)+black	0	0-10000	SYS	Displays the average pixel count in the printer function, full color/black mode, toner K and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PPC/PRT	6631		Full color (Y)	0	0-10000	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PPC/PRT	6632		Full color (M)	0	0-10000	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PPC/PRT	6633		Full color (C)	0	0-10000	SYS	Displays the average pixel count in the copy/printer function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	PPC/PRT/FAX	6634		Full color (K)+black	0	0-10000	SYS	Displays the average pixel count in the copy/printer/FAX function, black mode, toner K and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Average pixel count/Toner cartridge reference	FAX	6635		Black	0	0-10000	SYS	Displays the average pixel count in the FAX function, black mode and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	PPC	6636		Full color (Y)	0	0-10000	SYS	Displays the latest pixel count in the copy function, full color mode, toner Y and toner cartridge reference. [Unit:0.01%]	2	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	PPC	6637		Full color (M)	0	0-10000	SYS	Displays the latest pixel count in the copy function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	PPC	6638		Full color (C)	0	0-10000	SYS	Displays the latest pixel count in the copy function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	PPC	6639		Full color (K)	0	0-10000	SYS	Displays the latest pixel count in the copy function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	PRT	6640		Full color (Y)	0	0-10000	SYS	Displays the latest pixel count in the printer function, full color mode, toner Y and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	PRT	6641		Full color (M)	0	0-10000	SYS	Displays the latest pixel count in the printer function, full color mode, toner M and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	PRT	6642		Full color (C)	0	0-10000	SYS	Displays the latest pixel count in the printer function, full color mode, toner C and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	PRT	6643		Full color (K)	0	0-10000	SYS	Displays the latest pixel count in the printer function, full color mode, toner K and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	FAX	6644		Black	0	0-10000	SYS	Displays the latest pixel count in the FAX function, black mode and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PPC (color)	6713	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PPC (color)	6713	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PPC (color)	6713	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PPC (color)	6713	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PPC (color)	6713	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PPC (color)	6713	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PPC (color)	6713	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PPC (color)	6713	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PPC (color)	6713	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PPC (color)	6713	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner Y are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PPC (color)	6714	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PPC (color)	6714	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PPC (color)	6714	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PPC (color)	6714	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PPC (color)	6714	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PPC (color)	6714	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PPC (color)	6714	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PPC (color)	6714	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PPC (color)	6714	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PPC (color)	6714	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PPC (color)	6715	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PPC (color)	6715	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PPC (color)	6715	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PPC (color)	6715	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PPC (color)	6715	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PPC (color)	6715	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PPC (color)	6715	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PPC (color)	6715	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PPC (color)	6715	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PPC (color)	6715	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PPC (color)	6716	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PPC (color)	6716	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PPC (color)	6716	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PPC (color)	6716	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PPC (color)	6716	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PPC (color)	6716	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PPC (color)	6716	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PPC (color)	6716	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PPC (color)	6716	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PPC (color)	6716	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PRT (color)	6717	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PRT (color)	6717	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PRT (color)	6717	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PRT (color)	6717	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PRT (color)	6717	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PRT (color)	6717	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PRT (color)	6717	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PRT (color)	6717	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PRT (color)	6717	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (Y)	PRT (color)	6717	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner Y are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PRT (color)	6718	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PRT (color)	6718	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PRT (color)	6718	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PRT (color)	6718	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PRT (color)	6718	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PRT (color)	6718	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PRT (color)	6718	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PRT (color)	6718	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PRT (color)	6718	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (M)	PRT (color)	6718	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner M are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PRT (color)	6719	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PRT (color)	6719	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PRT (color)	6719	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PRT (color)	6719	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PRT (color)	6719	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PRT (color)	6719	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PRT (color)	6719	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PRT (color)	6719	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PRT (color)	6719	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (C)	PRT (color)	6719	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner C are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PRT (color)	6720	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PRT (color)	6720	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PRT (color)	6720	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PRT (color)	6720	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PRT (color)	6720	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PRT (color)	6720	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PRT (color)	6720	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PRT (color)	6720	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PRT (color)	6720	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/full color (K)	PRT (color)	6720	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function, full color mode and toner K are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PPC (black)	6721	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PPC (black)	6721	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PPC (black)	6721	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PPC (black)	6721	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PPC (black)	6721	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PPC (black)	6721	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PPC (black)	6721	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PPC (black)	6721	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PPC (black)	6721	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PPC (black)	6721	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the copy function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PRT (black)	6722	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PRT (black)	6722	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PRT (black)	6722	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PRT (black)	6722	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PRT (black)	6722	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PRT (black)	6722	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PRT (black)	6722	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PRT (black)	6722	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PRT (black)	6722	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	PRT (black)	6722	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the printer function and black mode are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	FAX (black)	6723	0	0-5%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	FAX (black)	6723	1	5.1-10%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	FAX (black)	6723	2	10.1-15%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	FAX (black)	6723	3	15.1-20%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	FAX (black)	6723	4	20.1-25%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	FAX (black)	6723	5	25.1-30%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	FAX (black)	6723	6	30.1-40%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	FAX (black)	6723	7	40.1-60%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	FAX (black)	6723	8	60.1-80%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Pixel count distribution/black	FAX (black)	6723	9	80.1-100%	0	8 digits	SYS	The pixel count data are divided into 10 ranges. The number of output pages in each range is displayed. In this code, the distributions in the FAX function and black mode are displayed. [Unit: page]	14	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	PPC	6724		Black	0	0-10000	SYS	Displays the latest pixel count in the copy function, black mode and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Pixel counter	Counter	Latest pixel count/Toner cartridge reference	PRT	6725		Black	0	0-10000	SYS	Displays the latest pixel count in the printer function, black mode and toner cartridge reference. [Unit: 0.01%]	2	
08	Setting mode	Counter				6817		Calibration counter	0	8 digits	SYS	Displays the number of times a calibration chart is printed. When "0" is set for this code, and also when in the line adjustment mode or when the fee charging counter is reset, this counter is reset. The counter value goes up every time a calibration chart is printed, regardless of the setting value of the code 08-9894 (Calibration chart charging method).	1	
08	Setting mode	Counter	Total counter			6900		Thick paper decelerating mode	0	8 digits	M	Displays the current value of the total counter. Counts up when the registration sensor is ON.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (K)	6905	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (K)	6905	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (K)	6905	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (K)	6905	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (Y)	6906	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (Y)	6906	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (Y)	6906	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (Y)	6906	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (M)	6907	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (M)	6907	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (M)	6907	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (M)	6907	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (C)	6908	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (C)	6908	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (C)	6908	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Photoconductive drum (C)	6908	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (K)	6925	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (K)	6925	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (K)	6925	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (K)	6925	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (Y)	6926	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (Y)	6926	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (Y)	6926	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (Y)	6926	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (M)	6927	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (M)	6927	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (M)	6927	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (M)	6927	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (C)	6928	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (C)	6928	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (C)	6928	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Developer material (C)	6928	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (K)	6929	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (K)	6929	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (K)	6929	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (K)	6929	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (Y)	6930	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (Y)	6930	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (Y)	6930	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (Y)	6930	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (M)	6931	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (M)	6931	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (M)	6931	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (M)	6931	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (C)	6932	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (C)	6932	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (C)	6932	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	1st transfer power supply roller (C)	6932	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Transfer belt	6933	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	Total counter	Decelerating mode	Transfer belt	6933	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Transfer belt	6933	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	Transfer belt	6933	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	2nd transfer roller	6935	0	Present number of output pages	0	8 digits	M	Present number of output pages: Displays the accumulated number of sheets that have been printed in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	2nd transfer roller	6935	1	Number of output pages at the last replacement	0	8 digits	M	Number of output pages at the last replacement: Displays the total number of output pages in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed.	4	
08	Setting mode	Counter	Total counter	Decelerating mode	2nd transfer roller	6935	2	Present drive counts	0	8 digits	M	Present drive counts: Displays the accumulated driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at present. Only "0" is acceptable. When "0" is entered, the counter is reset. (1 count = 3 seconds)	4	
08	Setting mode	Counter	Total counter	Decelerating mode	2nd transfer roller	6935	3	Drive counts at the last replacement	0	8 digits	M	Drive counts at the last replacement: Displays the total driving time in the decelerating mode (mode for thick paper, special paper, and etc.) at the last replacement. "0" is displayed if no replacement was performed. (1 count = 3 seconds)	4	
08	Setting mode	Counter	PM counter	Fuser pad		6979	0	Present number of output pages	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Fuser pad		6979	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 240000 35ppm: 280000 45ppm: 302400 50ppm: 336000 25ppm: 200000	4	
08	Setting mode	Counter	PM counter	Fuser pad		6979	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser pad		6979	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser pad		6979	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 30ppm: 770000 35ppm: 900000 45ppm: 650000 50ppm: 720000 25ppm: 640000	4	
08	Setting mode	Counter	PM counter	Fuser pad		6979	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser pad		6979	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser pad		6979	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser pad		6979	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser pad		6980		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	Fuser slipping sheet		6981	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser slipping sheet		6981	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 240000 35ppm: 280000 45ppm: 302400 50ppm: 336000 25ppm: 200000	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	Fuser slipping sheet		6981	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser slipping sheet		6981	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser slipping sheet		6981	4	Recommended driving counts to be replaced	Refer to contents	8 digits	M	<Default value> 30ppm: 770000 35ppm: 900000 45ppm: 650000 50ppm: 720000 25ppm: 640000	4	
08	Setting mode	Counter	PM counter	Fuser slipping sheet		6981	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser slipping sheet		6981	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser slipping sheet		6981	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser slipping sheet		6981	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	Fuser slipping sheet		6982		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	Counter			6983		Thin paper counter (number of sheets)	0	8 digits	M		1	
08	Setting mode	Counter	Counter			6984		Waste toner box nearly-full detection counter	0	8 digits	M	Total count of the values of Y, M, C, and BK of 08-6246 (Counter for period of toner cartridge rotation time)	1	
08	Setting mode	Counter	PM counter	LED gap spacer (K)		6985	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (K)		6985	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	LED gap spacer (K)		6985	2	Number of output pages at the last replacement	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	LED gap spacer (K)		6985	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (K)		6985	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (K)		6985	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (K)		6985	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (K)		6985	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (K)		6985	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (K)		6986		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	LED gap spacer (Y)		6987	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (Y)		6987	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	LED gap spacer (Y)		6987	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (Y)		6987	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (Y)		6987	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (Y)		6987	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (Y)		6987	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (Y)		6987	7	Present driving counts for control	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	LED gap spacer (Y)		6987	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (Y)		6988		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	LED gap spacer (M)		6989	0	Present number of output pages	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (M)		6989	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	LED gap spacer (M)		6989	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (M)		6989	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (M)		6989	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (M)		6989	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (M)		6989	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (M)		6989	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (M)		6989	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (M)		6990		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	PM counter	LED gap spacer (C)		6991	0	Present number of output pages	0	8 digits	M		4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Counter	PM counter	LED gap spacer (C)		6991	1	Recommended number of output pages for replacement	Refer to contents	8 digits	M	<Default value> 30ppm: 60000 35ppm: 70000 45ppm: 75600 50ppm: 84000 25ppm: 50000	4	
08	Setting mode	Counter	PM counter	LED gap spacer (C)		6991	2	Number of output pages at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (C)		6991	3	Present driving counts	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (C)		6991	4	Recommended driving counts to be replaced	225000	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (C)		6991	5	Driving counts at the last replacement	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (C)		6991	6	Present output pages for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (C)		6991	7	Present driving counts for control	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (C)		6991	8	Number of times replaced	0	8 digits	M		4	
08	Setting mode	Counter	PM counter	LED gap spacer (C)		6992		Date of previous replacement	0	8 digits	M		2	
08	Setting mode	Counter	Cleaning	Main charger		6993		Cleaning counter	0	8 digits	M	(Unit: times)	1	
08	Setting mode	Counter	Cleaning	LED head		6994		Cleaning counter	0	8 digits	M	(Unit: times)	1	
08	Setting mode	Counter	Cleaning	LED head		6995		Number of times of cleaning/0 clear	0	8 digits	M	(Unit: times)	1	
08	Setting mode	Image Processing	Image	All clearing	Adjustment values of all 05/08 image process codes	7000		PPC related codes	-	-	SYS	Clears the values of the following codes: 05-7025 to 7296 05-7618 to 7987 08-7021 to 7052 08-7601 to 7618 08-8103, 8104	3	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Image Processing	Image	All clearing	Gamma correction table	7001		PPC related codes	-	-	SYS	Clears PPC related areas of the HDD.	3	
08	Setting mode	Image Processing	User interface	User custom mode setting	PPC	7034		Black	0	0-2	SYS	0: Unused 1: Text/Photo base 2: Text base	1	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	Color PPC	7052	0	Plain paper	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	Color PPC	7052	2	Recycled paper	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	Color PPC	7052	3	Thick paper1	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	Color PPC	7052	4	Thick paper2	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	Color PPC	7052	5	Thick paper3	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	Color PPC	7052	6	Thick paper4	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	Color PPC	7052	7	Special paper1	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	Color PPC	7052	8	Special paper2	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	Color PPC	7052	9	Special paper3	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	Color PPC	7052	10	Thin paper	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting mode	Image Processing	Image	All clearing	Adjustment values of all 05/08 image process codes	7300		NW PRT related codes	-	-	SYS	Clears the values of the following codes: 05-7302 to 7385 05-8001 to 8275 08-8005, 08-8103	3	
08	Setting mode	Image Processing	Image	All clearing	Gamma correction table	7301		NW PRT related codes	-	-	SYS	Clears print related area in HDD.	3	
08	Setting mode	Image Processing	Screen switchover	Printer		7310		600x600 dpi/Black	0	0-1	SYS	0: High screen ruling value 1: Low screen ruling value	1	
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/600dpi	7352	0	Plain paper	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/600dpi	7352	2	Recycled paper	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/600dpi	7352	3	Thick paper1	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/600dpi	7352	4	Thick paper2	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/600dpi	7352	5	Thick paper3	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/600dpi	7352	6	Thick paper4	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/600dpi	7352	7	Special paper1	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/600dpi	7352	8	Special paper2	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/600dpi	7352	9	Special paper3	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/600dpi	7352	10	Thin paper	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/1200dpi	7354	0	Plain paper	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute * This code is not supported by LL20/25ppm model.	14	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/1200dpi	7354	2	Recycled paper	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute * This code is not supported by LL20/25ppm model.	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/1200dpi	7354	3	Thick paper1	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute * This code is not supported by LL20/25ppm model.	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/1200dpi	7354	4	Thick paper2	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute * This code is not supported by LL20/25ppm model.	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/1200dpi	7354	5	Thick paper3	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/1200dpi	7354	6	Thick paper4	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/1200dpi	7354	7	Special paper1	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute * This code is not supported by LL20/25ppm model.	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/1200dpi	7354	8	Special paper2	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute * This code is not supported by LL20/25ppm model.	14	Yes
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/1200dpi	7354	9	Special paper3	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Image Processing	Automatic tone correction data	Last updated date and time	NW printer/1200dpi	7354	10	Thin paper	0	0-4212312359	SYS	Last updated date and time of automatic tone correction data. YYMMDDHHMM YY: year, MM: month, DD: day, HH: hour, MM: minute	14	Yes
08	Setting mode	Image Processing	Image	All clearing	Adjustment values of all 05/08 image process codes	7400		NW SCN related codes	-	-	SYS	Clears the values of the following codes: 05-7400 to 05-7499 05-8300 to 05-8399 08-7401 08-8301 to 08-8304	3	
08	Setting mode	Image Processing	User interface	User custom mode setting	NW SCN	7401		Black	0	0-3	SYS	0: Unused 1: Black TEXT/PHOTO base 2: Black TEXT base 3: Black PHOTO base	1	Yes
08	Setting mode	Image Processing	Image	All clearing	Adjustment values of all 05 image process codes	7500		FAX related codes	-	-	SYS	Clears the adjustment values of the following codes: 05-7500 to 7599	3	
08	Setting mode	Image Processing	User interface	PPC (color)		7610		Display setting of red seal color mode	Refer to contents	0-1	SYS	0: Display setting OFF 1: Display setting ON <Default value> CND: 1 Others: 0	1	
08	Setting mode	Image Processing	Image	Image repeat gap	Image repeat gap	7612		Image repeat gap	5	0-10	SYS	Unit: mm	1	
08	Setting mode	Image Processing	User interface	User custom mode setting	PPC	7614		Color	0	0-5	SYS	0: Unused 1: TEXT/PHOTO base 2: TEXT base 3: Printed image base 4: Photo base 5: Map base	1	Yes
08	Setting mode	Image Processing	Image	PPC (color)		7617		ADF scan noise reduction	3	0-3	SYS	Sets the adjustment level for reducing color streaks when the RADF is used. 3: Disabled (default) 2: Noise reduction level - Low 1: Noise reduction level - Middle (recommended) 0: Noise reduction level - High	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	Image Processing	User interface	Color NW printer	Display setting of red seal color mode	8005		Display of check box	Refer to contents	0-1	SYS	0: Display setting OFF 1: Display setting ON <Default value> CND: 1 Others: 0	1	
08	Setting mode	Image Processing	Image quality	TRC correction control		8103		Switchover of enable/disable setting of tone correction	1	0-1	SYS	Switches the enable/disable setting of tone correction with image quality TRC control. Do not change the value as it may decrease the tone correction. 0: Disable 1: Enable	1	
08	Setting mode	Image Processing	Screen switchover	Printer		8110		600x600 dpi/Color	0	0-1	SYS	0: High screen ruling value 1: Low screen ruling value	1	
08	Setting mode	Image Processing	User interface	User custom mode setting	NW SCN	8303		Color	0	0-4	SYS	0: Unused 1: Text/Photo base 2: Text base 3: Photo base 4: e-document base * e-document: This is the mode that corresponds to the law in Japan. This mode is used to clarify area where changes were made with such as a correction fluid.	1	Yes
08	Setting mode	System	General			8504		Feeding method of odd page number in duplex printing (Raw print)	0	0-1	SYS	0: One side 1: Both sides * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	General			8506		Forcible mode change in cartridge empty status	0	0-2	SYS	0: SLEEP MODE 1: AUTO POWER SAVE 2: READY	1	
08	Setting mode	System	General	Controlling method for print image position adjustment in secondary scanning direction	PRT	8508		Controlling method for print image position adjustment in secondary scanning direction	2	0-2	SYS	0: No control 1: Cuts the image 2: Shifts the image	1	
08	Setting mode	System	General	Controlling amount for print image position adjustment in secondary scanning direction	PRT	8509		Controlling amount for print image position adjustment in secondary scanning direction	12	0-36	SYS	0-36	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Menu display for controlling print image position adjustment in secondary scanning direction	PRT	8510		Menu display for controlling print image position adjustment in secondary scanning direction	0	0-1	SYS	0: Menu not displayed1: Menu displayed	1	
08	Setting mode	System	General	Wide A4 Mode (for PCL)	PRT	8511		Wide A4 Mode (for PCL)	0	0-1	SYS	0: Disable 1: Enable * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	General			8512		Number of jobs in batch processing	10	2-10	SYS	2-10: From 2 to jobs can be specified	1	
08	Setting mode	System	General	Overprint function setting		8513	0	For PDF printing	2	0-2	SYS	Enables or disables the overprinting function setting when printing PDF files. 0: OFF 1: ON 2: ON (only for PDF/X files) * This code is not supported by LL20/25ppm model.	4	
08	Setting mode	System	General	Overprint function setting		8513	1	For PostScript printing	0	0-1	SYS	Enables or disables the overprinting function setting for PostScript printing. 0: OFF 1: ON * This code is not supported by LL20/25ppm model.	4	
08	Setting mode	System	General			8514		Threshold value setting for RIP standard paper judgment	20	5-30	SYS	This code is used for changing the range in which non-standard paper sizes are judged as standard ones. If the page size data are within the standard paper size ± the setting value, the page size is judged as a standard paper size in PS/PDF printing. If the page size data are out of the range, the page size is judged as a non-standard paper size. The unit for the setting value is PS points. 1 PS point is approx. 0.35 mm. * This code is not supported by LL20/25ppm model.	1	Yes
08	Setting mode	System	General	Outside erase Judgment threshold (Default)		8515		PPC	0	-3-3	SYS	The larger the value, area to be erased increases. The smaller the value, area to be erased decreases.	1	
08	Setting mode	System	General	Outside erase Judgment threshold (Default)		8516		SCN	0	-3-3	SYS	The larger the value, area to be erased increases. The smaller the value, area to be erased decreases.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General			8517		Remote Scan User authentication automatic login	1	0-1	SYS	0: OFF (A user always enters manually (current method))1: ON (Previous authentication information will be used)	1	
08	Setting mode	System	General			8518		Overwriting mode for scanned files	0	0-3	SYS	0: Always OFF 1: Meta Scan function ON / Normal scan function OFF 2: Meta Scan function OFF / Normal scan function ON 3: Always ON	1	
08	Setting mode	System	General			8519		Scan PDF file Paper size	1	0-1	SYS	0: Equivalent to scan image size 1: Fitted into any standard size	1	
08	Setting mode	System	General			8520		Underscore conversion of prohibited character in filename	1	0-1	SYS	Sets the prohibited characters in filename to covert to underscore. 0: \ / > < , " | ? * : ; = [ ] + 1: \ / > < " | ? * : * 0: Existing model standard 1: Windows standard Since setting the value to "1" allows some prohibited characters, filename might not be processed in external application or server.	1	
08	Setting mode	System	General			8521		Switchover of output format of Service Notification attachment	Refer to contents	0-1	SYS	Switches the output format of date in attachment of Service Notification. 0: YYYY.MM.DD 1: YYYY-MM-DDTHH:MM:SS <Default value> NAD: 1 Others: 0	1	
08	Setting Mode	System	User interface	Display setting		8523		Toner near-empty status Message	Refer to contents	0-1	SYS	0: ON 1: OFF <Default value> JPD/NAD/MJD/AUD/ARD: 1 ASD/TWD/CND: 0	1	Yes
08	Setting mode	System	User interface	Display setting		8524		No paper message	0	0-1	SYS	0: ON 1: OFF	1	
08	Setting mode	System	User interface	Display setting		8525		No paper message (T-LCF left tray)	0	0-1	SYS	0: ON 1: OFF	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	User interface			8526		Scan Preview Default setting	0	0-1	SYS	0: OFF 1: ON	1	
08	Setting mode	System	General			8527		Scan Preview Default display type	0	0-1	SYS	0: Page Fit 1: Width Fit	1	
08	Setting mode	System	General	Transfer belt release threshold in ACS	Short size	8529	0	Number of pages released (Copier)	Refer to contents	0-9	SYS	Sets a threshold (the number of pages) for switching from ACS to the black mode. When the specified number of pages has been printed in the black mode only, the transfer belt is released and ACS shifts to the black mode. <Default value> 25ppm: 4 30/35ppm: 5 45/50ppm: 6 [Unit. page]	4	
08	Setting mode	System	General	Transfer belt release threshold in ACS	Short size	8529	1	Number of pages released (Printer)	Refer to contents	0-9	SYS	Sets a threshold (the number of pages) for switching from ACS to the black mode. When the specified number of pages has been printed in the black mode only, the transfer belt is released and ACS shifts to the black mode. <Default value> 25ppm: 4 30/35ppm: 5 45/50ppm: 6 [Unit. page]	4	
08	Setting mode	System	General	Transfer belt release threshold in ACS	Short size	8529	2	Number of pages released (Box print)	Refer to contents	0-9	SYS	Sets a threshold (the number of pages) for switching from ACS to the black mode. When the specified number of pages has been printed in the black mode only, the transfer belt is released and ACS shifts to the black mode. <Default value> 25ppm: 4 30/35ppm: 5 45/50ppm: 6 [Unit. page]	4	
08	Setting mode	System	General			8532		Control panel Brightness level adjustment	4	1-7	SYS	1-7: Brightness level	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General			8533		1st transfer roller contact/release setting when printing thick paper	0	0-2	SYS	When jittering occurs during the printing of thick paper in the black mode with the 2nd transfer roller released from the transfer belt, this setting makes the roller contact. 0: Disabled 1: Enabled only for thick paper and special paper 2: Enabled for all media types	1	
08	Setting mode	System	General			8534		1st transfer roller contact/release setting when printing thick paper (for copy)	0	0-2	SYS	When jittering occurs during the printing of thick paper in the black mode with the 2nd transfer roller released from the transfer belt, this setting makes the roller contact. 0: Disabled 1: Enabled only for thick paper and special paper 2: Enabled for all media types	1	
08	Setting mode	System	General	Sorting method for displaying private print jobs	PRT	8537		Sorting method for displaying private print jobs	0	0-1	SYS	Changes the sorting order for print jobs on the private print list. 0: Descending order 1: Ascending order	1	
08	Setting mode	System	User interface			8538		Toner near empty notification setting	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	User interface	Scanning		8540		Date/time format in the Meta Scan XML file	1	0-1	SYS	0: YYYY/MM/DDhh:mm:ss.mmm 1: YYYY-MMDDThh:mm:ss.mmmTZD	1	
08	Setting mode	System	User interface			8543		Switching to the low power consumption mode in the Sleep mode	1	0-1	SYS	0: Not switched 1: Switched under certain conditions	1	Yes
08	Setting mode	System	User interface			8544		Tolerance for switching to Super Sleep mode	5	5-600	SYS	Sets the range of tolerance in which the equipment returns to the Super Sleep mode after the system is started during that mode. Unit: Second	1	Yes
08	Setting mode	System	User interface			8546		Input setting of minus value for image shift when copying	0	0-1	SYS	0: Inputting a minus value is disabled. 1: Inputting a minus value is enabled.	1	Yes
08	Setting mode	System	User interface	Paper feeding		8548		Operation of drawer size change when printing is interrupted by size mismatch	0	0-1	SYS	0: Operation of cassette size change is disabled. 1: Operation of cassette size change is enabled.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	User interface	Counter		8549		Hardware key control when external counter is installed	0	0-1	SYS	0: No control 1: Mode switch key is disabled.	1	
08	Setting Mode	System	Network			8585		Edit setting of e-mail subject	1	0-1	SYS	0: Not allowed 1: Allowed	1	
08	Setting Mode	System	Network			8586		Addition of date and time to email subject	1	0-1	SYS	0: Not added 1: Added	1	
08	Setting Mode	System	Network			8587		Character string of email subject	0	0-1	SYS	Switches the default character string of subject. 0: Character string at the shipment 1: Character string specified by users	1	
08	Setting Mode	System	User control	LDAP authentication	Attribute value setting	8592		Sender address	mail	-	SYS	Sets the default attribute value of sender address. Maximum 34 characters (ASCII).	11	
08	Setting Mode	System	User control	LDAP authentication	Attribute value setting	8593		Sender name	uid	-	SYS	Sets the default attribute value of sender name. Maximum 34 characters (ASCII).	11	
08	Setting Mode	System	User interface			8597		Automatic update of private/hold print job list	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	User interface			8598		Template icon layout on the control panel	0	0-1	SYS	0: Pattern 1 (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) 1: Pattern 2 (1) (2) (9) (10) (3) (4) (11) (12) (5) (6) (13) (14) (7) (8) (15) (16)	1	
08	Setting Mode	System	General	Outside erase		8600		Change of default value	0	0-1	SYS	0: Disabled 1: Enabled	1	Yes
08	Setting Mode	System	User interface			8603		Special usage of external options I/F	0	0-2	SYS	0: None 1: Usage 1 2: Usage 2	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Network	Prioritized authentication server		8608		Windows	0	0-100	SYS	Sets the prioritized authentication server to be searched (0 to 100). The servers displayed on the screen accessed by TopAccess -> Administration -> Maintenance -> Directory Service are numbered beginning at the top (0 to 100).	1	Yes
08	Setting Mode	System	Network	Prioritized authentication server		8609		LDAP	0	0-100	SYS	Sets the prioritized authentication server to be searched (0 to 100). The servers displayed on the screen accessed by TopAccess -> Administration -> Maintenance -> Directory Service are numbered beginning at the top (0 to 100).	1	Yes
08	Setting Mode	System	Network	Prioritized authentication server		8610		Card	0	0-100	SYS	Sets the prioritized authentication server to be searched (0 to 100). The servers displayed on the screen accessed by TopAccess -> Administration -> Maintenance -> Directory Service are numbered beginning at the top (0 to 100).	1	Yes
08	Setting Mode	System	User interface			8622		Date and time addition setting to file name of scan to file/e-mail	1	0-1	SYS	0: Not added 1: Added	1	
08	Setting Mode	System	General			8623	0	RIP function setting	1	0-1	SYS	Enables/Disables the function related to Excel boarder rendering of PCL6. The function is to prevent missing lines when scaling down and inconsistent line width when scaling up. 0: Disabled (No correction. Compliant with PCL6 language) 1: Enabled	4	
08	Setting Mode	System	User interface			8624		Switchover of filename display method	3	0-3	SYS	Switches the display method of filename. 0: Displays the filename from the beginning 1: Displays the trailing characters 2: Displays the beginning and trailing characters 3: Displays the filename without abbreviation	1	Yes
08	Setting mode	System	User interface			8628		Job operation on the COPY screen when the coin controller is connected	0	0-1	SYS	This setting enables user to move from the COPY screen to JOB STATUS screen, and then operate jobs during printing when the coin controller is connected. This code is valid when the value of 08-9016 is "1". 0: Disabled 1: Enabled	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	FAX			8631		Filename creation at fax reception and forwarding	0	0-1	SYS	0: Use address name (family-name/first-name) as filename if multiple names are found by address book search of TSI (sender information). 1: Use address name (family-name/first-name) as filename only when single name is found by address book search of TSI (sender information).	1	
08	Setting mode	System	User interface			8640		Job build operation when the coin controller is connected	0	0-1	SYS	This setting enables user to use the job build function when the coin controller is connected. This code is valid when the value of 08-9016 is "1". 0: Disabled 1: Enabled	1	
08	Setting Mode	System	General			8641		Notification setting for job cancel	1	0-1	SYS	Sets the notification setting for job cancel. This setting is effective for the following error codes: 1CC0, 2BB0, 2CC0, 2DC0, 2EC0 0: Disabled (Not notified) 1: Enabled (Notified)	1	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8642		LDAP attribute name settings 2	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8643		LDAP attribute name settings 3	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8644		LDAP attribute name settings 4	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8645		LDAP attribute name settings 5	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8646		LDAP attribute name settings 6	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8647		LDAP attribute name settings 7	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8648		LDAP attribute name settings 8	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8649		LDAP attribute name settings 9	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8650		LDAP attribute name settings 10	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8651		LDAP attribute name settings 11	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8652		LDAP attribute name settings 12	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8653		LDAP attribute name settings 13	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8654		LDAP attribute name settings 14	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8655		LDAP attribute name settings 15	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	8656		LDAP attribute name settings 16	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	
08	Setting Mode	System	Sound			8657		Placing original	0	0-1	SYS	0: OFF 1: ON	1	
08	Setting Mode	System	Sound			8658		Pressing [INTERRUPT] button	0	0-1	SYS	0: OFF 1: ON	1	
08	Setting Mode	System	Sound			8659		Switchover of function	0	0-1	SYS	0: OFF 1: ON	1	
08	Setting Mode	System	Sound			8660		Completion of job (except for FAX)	0	0-1	SYS	0: OFF 1: ON	1	
08	Setting Mode	System	Sound			8661		End of warming-up/prewarming/sleep	0	0-1	SYS	0: OFF 1: ON	1	
08	Setting Mode	System	Sound			8662		Job interrupt (out of paper)	0	0-1	SYS	0: OFF 1: ON	1	
08	Setting Mode	System	Sound			8663		Fax transmission error	0	0-1	SYS	0: OFF 1: ON	1	
08	Setting Mode	System	Sound	Hours for mute		8664	0	Enable/Disable setting of mute	0	0-1	SYS	0: Mute is disabled 1: Mute is enabled	4	
08	Setting Mode	System	Sound	Hours for mute		8664	1	Starting time	0	0-2359	SYS	(HHMM)	4	
08	Setting Mode	System	Sound	Hours for mute		8664	2	Ending time	0	0-2359	SYS	(HHMM)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	General	Control method switchover of decelerating at low temperature		8666		Alternating ejection (R-size/non-R-size)	0	0-1	SYS	Sets whether the decelerating control at low temperature for alternating ejection (R-size/non-R-size) is always applied or applied depending on the paper size. Set the value of this code to "1" to print non-R-size paper in the normal speed when the number of sheets in each copy is large. The performance may decrease when the value is set to "1" due to the processing speed control at the alternation of ejection. 0: Always applies decelerating control at low temperature 1: Judges whether decelerating control at low temperature is applied depending on the paper size	1	
08	Setting Mode	System	General			8667		Saving image log	0	0-1	SSDK	0: Disabled 1: Enabled	1	
08	Setting Mode	System	General			8668		Number of pages saved as image log	1	0-1	SSDK	0: First page 1: All pages	1	
08	Setting Mode	System	FAX			8700		Secret reception setting	0	0-2	SYS	When the value of 08-8924 is "0", the value of this code can be set to "1" or "2". 0: Always Off 1: Always On 2. Scheduled reception	1	
08	Setting Mode	System	User interface			8704		Email/FAX address restriction	0	0-1	SYS	0: No restriction 1: Search for external LDAP only Use this code to restrict address of emal/fax to specified LDAP server. If the value of this code is set to "1", the addresses of emal/fax are restricted to the LDAP server specified with TopAccess, and the direct input of addresses and selecting addresses from the local address book are not available. If the value of this code is set to "1", this setting is given priority over the setting value of 08-9299, 08-3848, 08-3849.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface			8709		Display setting of Service Notification	Refer to contents	0-1	SYS	Sets whether the [SERVICE NOTIFICATION] button is displayed on the screen accessed by [USER FUNCTIONS] -> [ADMIN] -> [SERVICE]. 0: Disabled 1: Enabled <Default value> JPD/NAD/MJD: 1 Others: 0	1	Yes
08	Setting Mode	System	Scanning			8710		Japanese character code of ScanToFTP	0	0-2	SYS	0: Automatic selection 1: UTF8 2: Shift-JIS	1	
08	Setting Mode	System	General	Hardcopy security printing		8711		Enable/Disable setting of watermark information tracking application	1	0-1	SYS	Set this code to "1: Disabled" to disable the watermark information tracking application at hardcopy security printing. When this code is set to "1: Disabled", a license error occurs even if the license for hardcopy security printing is enabled. If this error occurs, hardcopy security printing is available, but copy prohibition function and tracking application are not available. 0: Disabled 1: Enabled	1	
08	Setting Mode	System	User interface			8712		Display setting of the drawer setting button	1	0-1	SYS	Sets whether the drawer button in USER FUNCTIONS is displayed or not. 0: Not displayed 1: Displayed	1	Yes
08	Setting Mode	System	User interface	Service notification information		8715		Password for zip file with password	#10481 09	-	SYS	Password for zip file with password of service notification information. Minimum number of digits: 0, maximum number of digits: 20 Available character: alphanumeric characters and symbols	11	
08	Setting Mode	System	General			8717		Shutdown when Super Sleep is enabled	0	0-1	SYS	Sets the operation when the power button is pressed for a few seconds if Super Sleep is enabled. 0: Hibernation 1: Super Sleep	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface			8718		Selection for caching the screen of control panel at start-up	0	0-17	SYS	Use this code to shorten the time to switch the function on the control panel for the first time immediately after start-up. However, the start-up time becomes longer (about 1 to 3 seconds per screen). When selecting multiple screens, enter the total value. 0: Disabled 1: Copy 16: Fax	1	
08	Setting Mode	System	Network			8719		MTU setting of network communication	1500	576-1500	NIC	Normally there's no need to change the MTU value. However, set the proper MTU value when MFP is connected to the Internet using broadband router and so on.	12	
08	Setting Mode	System	User interface			8720		Department code display with asterisk	0	0-1	SYS	0: Displays department code with asterisk when inputting it. 1: Displays department code as it is when inputting it.	1	Yes
08	Setting Mode	System	FAX			8721		Automatic FAX sending at AutoClear when scanning original put on the glass	0	0-1	SYS	Sets whether the job is sent or canceled when AutoClear is executed on the interruption screen to confirm the next original displayed after scanning the original put on the glass. Use this code to cancel job when the equipment is left unattended while the interruption screen is displayed. 0: Sends job 1: Cancels job	1	Yes
08	Setting Mode	System	User interface			8722		Display method of "Cannot find the Home Directory" on the control panel	0	0-1	SYS	Sets the display method of error if the Home Directory for user cannot be obtained from the server when setting the Home Directory for scanning. Use this code to disable the pop-up display when the Home Directory cannot be obtained depending on the user. 0: Displays the pop-up dialogue when user logs in 1: Displays the message in the guidance area when the Scan to File screen is displayed	1	Yes
08	Setting Mode	System	User interface			8723		Pop-up display of logging out of user authentication and department management on the control panel	1	0-1	SYS	Sets whether the pop-up dialog of confirmation for logging out is displayed when user or department logs out by pressing [FUNCTION CLEAR] button twice or pressing [ACCESS] button. 0: Logs out without displaying pop-up dialog 1: Displays pop-up dialog when logging out	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface			8724		Display setting of Edit From Address button for Scan to email	1	0-1	SYS	0: Not displayed (From Address cannot be edited) 1: Displayed (From Address can be edited)	1	Yes
08	Setting Mode	System	User interface			8725		Display setting of [USER FUNCTIONS]-> CHANGE LANGUAGE button	1	0-1	SYS	Sets whether the [CHANGE LANGUAGE] button accessed from [USER FUNCTIONS] button is displayed or not. Use this code to prohibit users from changing the language displayed on the control panel. Administrators can change the language. 0: Not displayed 1: Displayed	1	Yes
08	Setting Mode	System	General			8726		Job deletion on the Job Status screen	0	0-1	SYS	Use this code to enable the job deletion on the [Job Status] screen. When "3: High level" is set for code 08-8911, be sure to disable this setting. 0: Disabled 1: Enabled	1	Yes
08	Setting Mode	System	User interface	Card reading device		8727		Display of dedicated screen for card authentication	0	0-1	SYS	Switches whether the message to hold a card over the card reader is displayed on the login screen when the card authentication is enabled. 0: Disabled 1: Enabled	1	
08	Setting Mode	System	Forced printing of user name			8728	0	Display/Non-display setting in TopAccess	0	0-1	SYS	0: Disabled 1: Enabled * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	1	Enable/Disable setting of forced printing	0	0-1	SYS	Normally this setting is made in TopAccess. 0: Disabled 1: Enabled * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	2	Prioritizing printer driver setting	1	0-1	SYS	Normally this setting is made in TopAccess. 0: Disabled 1: Enabled * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	3	Application to network fax job	0	0-1	SYS	Normally this setting is made in TopAccess. 0: Disabled 1: Enabled * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	4	Enable/Disable setting of prefix/suffix	0	0-1	SYS	Normally this setting is made in TopAccess. 0: Disabled 1: Enabled * This code is not supported by LL20/25ppm model.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Forced printing of user name			8728	6	White background setting	1	0-1	SYS	Normally this setting is made in TopAccess. 0: Disabled 1: Enabled * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	7	Print position	0	0-3	SYS	Normally this setting is made in TopAccess. 0: Bottom left 1: Top left 2: Bottom right 3: Top right * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	8	Fine adjustment of print position (X)	3	0-100	SYS	Adjusts the print position in X direction. The print position shifts toward inside of original when the value increases. Unit: pt. 1pt = 0.35mm. * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	9	Fine adjustment of print position (Y)	3	0-100	SYS	Adjusts the print position in Y direction. The print position shifts toward inside of original when the value increases. Unit: pt. 1pt = 0.35mm. * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	10	Font setting	0	0-9	SYS	Normally this setting is made in TopAccess. 0: Helvetica 1: AlbertusMT 2: Chicago 3: Eurostile 4: Geneva 5: GillSans 6: LetterGothic 7: Monaco 8: Taffy 9: TimesNewRomanPSMT * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	11	Font size setting	8	6-16	SYS	Normally this setting is made in TopAccess. 6-16pt. * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	12	Font color setting	0	0-7	SYS	Normally this setting is made in TopAccess. 0: Black 1: Gray 2: Red 3: Green 4: Blue 5: Light red 6: Light green 7: Light blue * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8728	13	Density setting of light font color	40	10-90	SYS	Sets the density when the font color is set to gray, light red, light green, or light blue. * This code is not supported by LL20/25ppm model.	4	
08	Setting Mode	System	Forced printing of user name			8729		Prefix setting	Printed by	-	SYS	Normally this setting is made in TopAccess. Maximum 64 characters. * This code is not supported by LL20/25ppm model.	11	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Forced printing of user name			8730		Suffix setting	-	-	SYS	Normally this setting is made in TopAccess. Maximum 64 characters. * This code is not supported by LL20/25ppm model.	11	
08	Setting Mode	System	Scanning			8735		Sending setting of ScanToURL	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting Mode	System	Scanning			8736		Maximum size for ScanToURL attachment	5	0-100	SYS	Sets the maximum size of attachment that can be sent with ScanToURL. 0: Always sends URL 1-100: Maximum size (MB)	1	
08	Setting Mode	System	General			8737		Restart behavior when out of paper is solved (bypass feeding)	0	0-1	SYS	0: Automatically restarted 1: Restarted by pressing the [START] button	1	
08	Setting Mode	System	User interface	Display setting		8738		E-mail address direct input button	1	0-1	SYS	Switches the display setting of the [INPUT @] button. 0: Not displayed 1: Displayed	1	Yes
08	Setting Mode	System	User interface	Display setting		8744		Switchover of pop-up display during scanning	1	0-1	SYS	Switches the pop-up display during scanning 0: Not displayed 1: Displayed	1	
08	Setting Mode	System	User interface			8745		Enable/Disable setting of EWB history	0	0-1	SYS	Sets whether part of the cookie, password, and form data of user who logs in to EWB is saved or not. 0: Disabled 1: Enabled	1	
08	Setting Mode	System	Network			8746		Port number setting of destination 10 for sending trap	162	1-65535	NIC	Sets the port number of destination 10 for sending SNMP trap. If the port is used when using the real time log notification function, change the port number.	12	
08	Setting Mode	System	User interface			8747		Switchover of screen transition at self-copying	0	0-1	SYS	Switches screen transition at job end of self-copying. 0: Traditional 1: New	1	
08	Setting Mode	System	User interface			8748		Input of department code at user authentication	0	0-1	SYS	0: Not required 1: Required	1	
08	Setting Mode	System	Network			8749		User authentication by logon information to domain (external authentication)	0	0-1	SYS	0: Disabled 1: Enabled * When this code is enabled, 08-8774 is automatically disabled.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	General			8750		Time to wait for print image	0	0-1	SYS	Sets whether the drum idling is executed or not when the waiting for print image occurred. If there is the stain on the back side of the paper, set the value of this code to "1". When the value is set to "1", the number of times the equipment stops printing may increase. 0: Waiting is enabled (8 sec.) 1: Waiting is disabled (0 sec.)	1	
08	Setting Mode	System	Maintenance			8752		Switchover of display of notice on the control panel when the time to replace the unit has come	0	0-1	SYS	Specifies the contents of the message displayed on the control panel when the time to replace the unit has come. 0: Contact the service engineer for replacement (SRU) 1: Replacement by user (CRU)	1	Yes
08	Setting Mode	System	Maintenance	Notification of remaining amount of toner		8755		Enable/Disable setting	0	0-1	SYS	0: Disabled 1: Enabled	1	Yes
08	Setting Mode	System	Maintenance	Notification of remaining amount of toner		8756	0	Remaining amount at first notification	25	0-100	SYS	0 to 100%	4	Yes
08	Setting Mode	System	Maintenance	Notification of remaining amount of toner		8756	1	Notification interval	10	1-25	SYS	1 to 25%	4	Yes
08	Setting Mode	System	User interface	Display setting	LED head/Main charger	8757		Cleaning button	2	0-2	SYS	0: Not displayed 1: Displayed (USER FUNCTIONS -> USER) 2: Displayed (USER FUNCTIONS -> ADMIN)	1	Yes
08	Setting Mode	System	User interface	Card reading device		8758		Overwriting of login at authentication	0	0-1	SYS	Switches the enable/disable setting for the function to overwrite the login information at the card authentication. 0: Disabled 1: Enabled	1	Yes
08	Setting Mode	System	General			8761		Retention of print (spooling) data	0	0-1	SYS	Use this code to retain and obtain the print data (spooling data) if problem occurs. After obtaining the data, be sure to disable the setting. 0: Disabled (print data is deleted) 1: Enabled (print data is retained)	1	Yes
08	Setting Mode	System	Maintenance	Display of remaining amount of toner (for RDMS/MMDT)		8762	0	K	0	0-100	SYS	0～100%	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Maintenance	Display of remaining amount of toner (for RDMS/MMDT)		8762	1	C	0	0-100	SYS	0～100%	14	
08	Setting Mode	System	Maintenance	Display of remaining amount of toner (for RDMS/MMDT)		8762	2	M	0	0-100	SYS	0～100%	14	
08	Setting Mode	System	Maintenance	Display of remaining amount of toner (for RDMS/MMDT)		8762	3	Y	0	0-100	SYS	0～100%	14	
08	Setting Mode	System	User interface			8763		Notification setting for thick paper	1	0-1	SYS	If thick paper is set to the 1st drawer, this code sets whether the notification to set the thick paper to the drawer is displayed or not when the drawer is opened. 0: Not displayed 1: Displayed	1	Yes
08	Setting mode	System	Network			8771		Account setting for access to Home Directory	0	0-1	SYS	0: Setting of Remote1 is used 1: Setting of Remote1 and Remote2 is used	1	
08	Setting mode	System	Network			8774		Password authentication of print job	0	0-1	SYS	Sets whether the user authentication for network printing/FAX/InternetFAX using the user information and password input on the printer driver is enabled or disabled. When this setting is enabled, the setting of 08-8749 is automatically disabled. 0: Disabled 1: Enabled	1	
08	Setting mode	System	Network	PIN code		8775		PIN code authentication setting at user authentication	0	0-2	SYS	0: Disabled 1: PIN code 2: Card+PIN code	1	
08	Setting mode	System	Network	PIN code		8776		Logging setting of PIN code	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	Network	PIN code		8777		Attribute value setting of LDAP PIN authentication server 1	eBMUserPIN	-	SYS	Attribute name of PIN code	11	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	PIN code		8778		Attribute value setting of LDAP PIN authentication server 2	eBMUserPIN	-	SYS	Attribute name of PIN code	11	
08	Setting mode	System	Network	PIN code		8779		Attribute value setting of LDAP PIN authentication server 3	eBMUserPIN	-	SYS	Attribute name of PIN code	11	
08	Setting mode	System	Network	PIN code		8780		Prioritized authentication server	1	1-3	SYS	Sets the prioritized authentication server to be searched.	1	
08	Setting mode	System	User interface	Display setting		8781		Default setting of print screen when USB is inserted	0	0-1	SYS	0: Disabled (The setting of 08-9236 is used) 1: USB print screen	1	
08	Setting mode	System	General	Interval setting	Transition to Super Sleep	8782		For fax	15	15-600	SYS	Sets the interval to shift to Super Sleep again after recovery from Super Sleep. (Unit: seconds)	1	Yes
08	Setting mode	System	General			8783		Switchover of document sorting order of e-Filing Box	1	0-1	SYS	0: Sorted by saved date 1: Sorted by document name	1	
08	Setting mode	System	User interface			8785		Display/Non-display of pop-up for card authentication	Refer to contents	0-1	SYS	Sets whether the pop-up is displayed or not after the success of card authentication. This code is effective when the value of 08-8727 is "1" (Enabled). 0: Does not display pop-up 1: Displays pop-up <Default value> JPD: 0 Others: 1	1	
08	Setting mode	System	User interface	Default keyboard setting for inputting user name		8786	0	Japanese	3	0-4	SYS	0: Romaji 1: Hiragana 2: Katakana (one-byte) 3: Alphabetical character (one-byte) 4: Symbol (one-byte)	4	
08	Setting mode	System	User interface	Default keyboard setting for inputting user name		8786	1	Chinese	0	0-2	SYS	0: Alphabetical character (one-byte) 1: Pinyin 2: Symbol (one-byte)	4	
08	Setting mode	System	Network	IEEE802.1X		8800		Enable/Disable setting	2	1-2	NIC	1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	IPsec		8802		Enable/Disable setting	2	1-2	NIC	1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	SNMPv3		8803		Enable/Disable setting	2	1-2	NIC	1: Enabled 2: Disabled	12	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	IP Filtering		8804		Enable/Disable setting	2	1-2	SYS	1: Enabled 2: Disabled	1	
08	Setting mode	System	Network	MAC Address Filtering		8805		Enable/Disable setting	2	1-2	SYS	1: Enabled 2: Disabled	1	
08	Setting mode	System	Network	IPsec	NAT-Traversal	8820		Enable/Disable setting	1	1-3	NIC	1: Default (IKEv1: Disabled, IKEv2: Enabled) 2: Enable IKEv1 & IKEv2 3: Disable IKEv1 & IKEv2	12	
08	Setting mode	System	Network	IPsec	CRL	8821		Enable/Disable setting	2	1-2	NIC	1: Enable CRL 2: Disable CRL	12	
08	Setting mode	System	Network			8824		FTP client mode	0	0-2	NIC	Sets the FTP transfer mode when FTP is selected for "FILE" to save the scanned data. 0: Automatic 1: Passive mode 2: Active mode	12	
08	Setting mode	System	Network			8825		Sending of host announcement in Super Sleep mode	1	1-2	NIC	Since MFP is deleted from the master browser of Windows network if MFP is in the Super Sleep mode for 36 minutes or more, enable this setting to always display MFP in the browse list. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	Dynamic update of DNS server		8826		Enable/Disable setting	1	1-2	NIC	Sets whether the function that gets the secondary DNS server to work as the primary DNS server temporarily is enabled or not when the primary DNS server is not available. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	Dynamic update of DNS server		8827		Operating interval	60	1-1440	NIC	Sets the operating interval of dynamic update. 1-1440 (min.)	12	
08	Setting mode	System	Network			8831		Time-out period for EWB network connection	60	1-300	SYS	1 to 300 (sec.)	1	
08	Setting mode	System	General	Registration number for workflow		8900	0	Total	2000	1000-2000	SYS	Changes the maximum number for workflow that is registrable.	4	
08	Setting mode	System	General	Registration number for workflow		8900	1	Number of interrupt copy	1	1	SYS	Changes the maximum number for workflow that is registrable.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Registration number for workflow		8900	2	Number of transmission and calling of Fax/InternetFax	100	10-100	SYS	Changes the maximum number for workflow that is registrable.	4	
08	Setting mode	System	General	Registration number for workflow		8900	3	Number of printing	1000	150-1000	SYS	Changes the maximum number for workflow that is registrable.	4	
08	Setting Mode	System	Preview	Fax		8901		Default setting	0	0-1	SYS	Sets whether the preview function is enabled or disabled by default when using the Fax function. 0: OFF 1: ON	1	
08	Setting Mode	System	Preview	Fax		8902		Default display method	0	0-1	SYS	Sets the default display method on the preview screen when using the Fax function. 0: Fit to page 1: Fit to width	1	
08	Setting mode	System	Printer			8904		Job jump instruction setting	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System				8905		Forcible printing against unacceptable paper error	0	0-1	SYS	0: OFF (printing not continued) 1: ON (printing continued by automatically selecting the available exit tray)	1	
08	Setting mode	System	Finisher	Continuous print setting when punching dust box is full		8906		Copy	0	0-1	SYS	0: OFF (copying not continued) 1: ON (copying continued by canceling punching setting)	1	
08	Setting mode	System	Finisher	Continuous print setting when punching dust box is full		8907		Printer/e-Filing	1	0-1	SYS	0: OFF (copying not continued) 1: ON (copying continued by canceling punching setting)	1	
08	Setting Mode	System	General			8910		Time to auto-clearing when in the self-diagnostic mode	0	0-5	SYS	0: None 1: 1 min. 2: 5 min. 3: 10 min. 4: 30 min. 5: 99 min.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Security			8911		Security mode (level) setting	1	1-4	SYS	Level setting for security function 1: Low level 2: - 3: High level 4: -	1	
08	Setting Mode	System	Maintenance	General		8912		Serial number display of finisher	-	-	-	FIN S/N: XXXXXXXXX	2	Yes
08	Setting Mode	System	Maintenance	General		8913		Warning display for password expiration	15	0-30	SYS	0: None 1-30: Remaining days until the password expiration for warning start.	1	Yes
08	Setting mode	System	MFP function setting			8914	0	Copy	1	0-1	SYS	Sets whether the Copier function is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	1	e-Filing	1	0-1	SYS	Sets whether the filing function is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	2	Fax	1	0-1	SYS	Sets whether the Fax function is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	3	InternetFAX	1	0-1	SYS	Sets whether the InternetFAX function is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	4	Email	1	0-1	SYS	Sets whether the email function is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	5	Save as Local HDD	1	0-1	SYS	Sets whether the function that saves data to HDD in the equipment is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	6	Save as Local HDD from Print	1	0-1	SYS	Sets whether the function that saves data to HDD in the equipment using print function is enabled or disabled. 0: Disabled 1: Enabled	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	MFP function setting			8914	7	Save as Local HDD from Fax	1	0-1	SYS	Sets whether the function that saves data to HDD in the equipment using Fax function is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	8	Save to USB Media	1	0-1	SYS	Sets whether the function that saves scanned data of originals to USB media is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	9	Save as FTP	1	0-1	SYS	Sets whether the function that saves scanned data of originals to FTP server is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	10	Save as FTPS	1	0-1	SYS	Sets whether the function that saves scanned data of originals to FTP server using SSL is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	11	Save as SMB	1	0-1	SYS	Sets whether the function that saves scanned data of originals to the SMB server is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	12	Save as Netware	1	0-1	SYS	Sets whether the function that saves scanned data of originals to the Netware server is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	13	Web Service Scanning (WS Scan)	1	0-1	SYS	Sets whether the WS scanning function is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	MFP function setting			8914	14	Twain Scanning (Remote Scan)	1	0-1	SYS	Sets whether the remote scanning function is enabled or disabled. 0: Disabled 1: Enabled	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	MFP function setting			8914	15	Send to External Controller	1	0-1	SYS	Sets whether the function that saves data to the external server is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting mode	System	MFP function setting			8914	16	Network Fax	1	0-1	SYS	Sets whether the Network Fax function is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting mode	System	MFP function setting			8914	17	Network InternetFAX	1	0-1	SYS	Sets whether the Network InternetFAX function is enabled or disabled. 0: Disabled 1: Enabled	4	
08	Setting Mode	System	Network			8915		Automatic output of jobs at login	0	0-1	SYS	Sets whether jobs registered in the hold queue of user are automatically output or not when the user logs in. 0: Disabled 1: Enabled	1	
08	Setting Mode	System	Security			8919		Service password	-	-	SYS	Sets the password to log into the self-diagnostic mode and Service UI.	11	Yes
08	Setting Mode	System	Option	FAX		8920		Output tray for FAX/InternetFAX/e-mail printing	0	0-2	SYS	Selects the tray onto which the received document is output. * When MJ-1107/1108 is installed: 0: Inner receiving tray 1: Finisher upper receiving tray 2: Finisher lower receiving tray * When MJ-1037 is installed: 0: Inner receiving tray 1: Finisher upper receiving tray 2: Finisher upper receiving tray * When MJ-1036 is installed: 0: Upper receiving tray 1: Lower receiving tray 2: Lower receiving tray * When the job separator is installed: 0: Job separator tray 1: Inner receiving tray 2: Job separator tray	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Department management			8921		Clearing of the user/department counter	1	0-1	SYS	0: Not allowed 1: Allowed	1	Yes
08	Setting mode	System	User interface	Email		8922		Email header print setting	0	0-1	SYS	Sets whether the header of an Email or an Internet Fax is printed or not as they are received. 0: Not printed 1: Printed	1	
08	Setting mode	System	User interface	Email		8923		Email body print setting	1	0-1	SYS	Sets whether the body of an Email or an Internet Fax is printed or not as they are received. 0: Not printed 1: Printed	1	
08	Setting mode	System	User interface			8924		Registration of the received FAX / Internet Fax / Email jobs to hold queue	0	0-1	SYS	Registers the received Fax / Internet Fax / Email jobs to the hold queue instead of printing immediately. Data in the hold queue are not printed unless the user allows printing by means of the control panel. 0: Not registered (normal printing) 1: Registered	1	
08	Setting mode	System				8925		Data tampering checking at start-up	0	0-1	SYS	Sets whether data tampering is checked or not at startup. 0: Not checked 1: Checked * When the value of 08-8911 is set to "3" (Security mode: High level), the value of this code is automatically set to "1."	1	
08	Setting mode	System	Department management			8926		Clearing of all department counters	-	-	SYS	In cases when the administrator has prohibited the clearing of department counter data using code 08-8921, a service technician can clear the data using this code.	3	Yes
08	Setting mode	System	Department management			8927		Clearing of all user counter	-	-	SYS	In cases when the administrator has prohibited the clearing of user counter data using code 08-8921, a service technician can clear the data using this code.	3	Yes
08	Setting mode	System	Finisher	Maximum setting for saddle stitching		8928	0	Plain paper / recycled paper	0	-25-25	SYS	-25 to +25	4	
08	Setting mode	System	Finisher	Maximum setting for saddle stitching		8928	1	Thick paper 1	0	-25-25	SYS	-25 to +25	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Finisher	Maximum setting for saddle stitching		8928	2	Thick paper 2	0	-25-25	SYS	-25 to +25	4	
08	Setting mode	System	Finisher	Maximum setting for saddle stitching		8928	3	Thick paper 3	0	-25-25	SYS	-25 to +25	4	
08	Setting mode	System	Password			8929		Administrator password reset	-	-	SYS	The default password is set. When "3: High level" is set for code 08-8911, the default password is set as a temporary password.	3	
08	Setting mode	System	User interface	Off Device Customization Architecture		8931		Output Management Service setting	1	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	User interface			8932		Availability of Netware	2	1-2	NIC	1: Enabled 2: Disabled	12	
08	Setting mode	System	User interface	SSL		8933		SSL SMTP Client	2	1-3	NIC	1: Enabled (accepts all server certificates) 2: Disabled 3: Enabled (uses the imported CA certificate)	12	
08	Setting mode	System	User interface	SSL		8934		SMTP Client SSL/TLS	1	1-2	NIC	1: STARTTLS 2: Over SSL	12	
08	Setting mode	System	User interface	Remote Scan		8935		Enable/Disable setting	1	0-1	NIC	0: Disabled 1: Enabled	12	
08	Setting mode	System	User interface	Remote Scan		8936		Remote scanning with SSL	0	0-1	NIC	0: Disabled 1: Enabled	12	
08	Setting mode	System	User interface	Remote Scan		8937		Port number	20080	0-65535	NIC		12	
08	Setting mode	System	User interface	Remote Scan		8938		SSL port number	20443	0-65535	NIC		12	
08	Setting mode	System				8942		Debug level setting	2	0, 2	-	Sets the output volume of debug log. When the value is set to "0", the performance may decrease. 0: Debug log level - high 2: Debug log level - normal	1	
08	Setting mode	System	Maintenance	RDMS		8946	0	Acquisition starting time for RDMS	0	0-99999999	SYS	Month/day/hour/minute of starting time	14	
08	Setting mode	System	Maintenance	RDMS		8946	1	Acquisition ending time for RDMS	0	0-99999999	SYS	Month/day/hour/minute of ending time	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	User interface	Card reading device		8947		Automatic user registration for card authentication	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting Mode	System	User interface			8948		Language package information	-	-	-	Displays the information of the installed language package.	2	Yes
08	Setting Mode	System	Version			8952		External version of HD data	-	-	-	External version of file system for system software	2	
08	Setting Mode	Printer	Feeding system / Paper transport			8967		Rotation printing by guides width of bypass feed tray	1	0-1	SYS	If the printing size and the guides width of the bypass feed tray are different, it is judged that paper is set in the wrong direction. The occurrence frequency of interruption by the error of the guides width may be decreased. However, this code does not work depending on the conditions, such as when stapling is selected. Set this code when requested by user or the guides width sensor is broken. Related code: 08-4621. 0: Invalid 1: Valid	1	
08	Setting Mode	System	User interface	General	Language package information	8968		Panel Help	-	-	-	Displays the language package information of the installed Panel Help.	2	Yes
08	Setting Mode	System	User interface	General	Language package information	8969		WebHelp	-	-	-	Displays the language package information of the installed WebHelp.	2	Yes
08	Setting Mode	System	User interface	General	Language package information	8970		Service UI	-	-	-	Displays the language package information of the installed Service UI.	2	Yes
08	Setting Mode	System	User interface	General		8971		Installation of language package	-	-	-	Installs the language package.	3	Yes
08	Setting Mode	System	General	Self-certificate		8973		Length of public key	1	0-1	SYS	0: 1024 bit 1: 2048 bit	1	
08	Setting Mode	System	General	Self-certificate		8974		Signature algorithm	0	0-4	SYS	0: SHA1 1: SHA224 2: SHA256 3: SHA384 4: SHA512	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Network			8975		Data clearing of Point and Print	-	-	SYS	Point and Print in the equipment is deleted when this code is performed. Perform this code when a trouble occurs such as when uploading Point and Print is not possible. After performing this code, upload Point and Print from [Maintenance] menu in the [Administration] menu of TopAccess.	3	
08	Setting Mode	System	General	Detection of originals prohibited from duplication		8977	0	Copy	1	0-1	SYS	Sets whether the originals that are prohibited from duplication are detected or not. 0: Detection disabled 1: Detection enabled	4	
08	Setting Mode	System	General	Detection of originals prohibited from duplication		8977	1	Scan	1	0-1	SYS	Sets whether the originals that are prohibited from duplication are detected or not. 0: Detection disabled 1: Detection enabled	4	
08	Setting Mode	System	General	Detection of originals prohibited from duplication		8977	2	FAX	1	0-1	SYS	Sets whether the originals that are prohibited from duplication are detected or not. 0: Detection disabled 1: Detection enabled	4	
08	Setting Mode	System	Scanning			8980		Execution of Remote Scan while control panel is operated	0	0-1	NIC	Sets whether the remote scanning is enabled or disabled if the user is logged in using the control panel when user authentication or department management is enabled. 0: Disabled 1: Enabled	12	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	General	Scheduled automatic reboot		8981		Day of the week	0	0-255	SYS	Sets the condition and day of the week for scheduled automatic reboot. Input the condition and day of the week to each bit as follows (0: disabled, 1: enabled) bit8: Set the condition of reboot 0: Reboots when in the sleep or super sleep mode 1: Reboots regardless of the sleep mode bit7: Sunday, bit6: Saturday, bit5: Friday, bit4: Thursday, bit3: Wednesday, bit2: Tuesday, bit1: Monday <Input value> Reboots when in the sleep or super sleep mode: 0 Reboots regardless of the sleep mode: 128 Monday: 1 Tuesday: 2 Wednesday: 4 Thursday: 8 Friday: 16 Saturday: 32 Sunday: 64 e.g.) Monday: 1 Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday: 127 (1+2+4+8+16+32+64=127)	1	
08	Setting Mode	System	General	Scheduled automatic reboot		8982		Time (Hour)	0	0-23	SYS	Sets time (hour) for scheduled automatic reboot.	1	
08	Setting Mode	System	General	Scheduled automatic reboot		8983		Time (Minute)	0	0-59	SYS	Sets time (minute) for scheduled automatic reboot.	1	
08	Setting Mode	System	User interface	NFC reader		8986		Usage type	0	0-4294967295	SYS	0011ZZZZ (First 4 digits are fixed) -ZZZZ: Sub code 0000: No authentication using card 0001: IDm (Felica/NFC-FeliCa) and (or) UID (Mifare/NFC-Mifare) are used 0002: Data (Felica/NFC-FeliCa/Mifare/NFC-Mifare) 0003: SSFC mode	5	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface	NFC reader		8987		Format information 1	0	0-4294967295	SYS	000ASSSS (hexadecimal, first 3 digits are fixed) -A: 0: A key 1: B key -SSSS: Sector number (first 2 digits are fixed to "0")	5	Yes
08	Setting Mode	System	User interface	NFC reader		8988		Format information 2	0	0-4294967295	SYS	00BSEbse (hexadecimal, first 2 digits are fixed) -B: Block number of first block -S: Starting offset of first block -E: Ending offset of first block -b: Block number of second block -s: Starting offset of second block -e: Ending offset of second block	5	Yes
08	Setting Mode	System	User interface	NFC reader		8989		Format information 3	0	0-0xFFFFFFFFFFFFFF	SYS	0000KKKKKKKKKKK (hexadecimal, first 4 digits are fixed) -KKKKKKKKKKK: key (12 digits)	5	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8991		Notification setting	0	0-1	SYS	0: Disabled 1: Enabled	2	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8992		Notification day 1	0	0-31	SYS	1st to 31th. Input "0" to disable this setting.	1	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8993		Notification day 2	0	0-31	SYS	1st to 31th. Input "0" to disable this setting.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Maintenance	Notification of equipment information		8994		Notification day of the week	0	0-127	SYS	Input the value which corresponds to the day of the week. Input "0" to disable this setting. Sunday: 64 Monday: 32 Tuesday: 16 Wednesday: 8 Thursday: 4 Friday: 2 Saturday: 1 e.g.) Monday: 32 Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday: 127 (64+32+16+8+4+2+1=127)	1	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8995		Notification time	300	0-2359	SYS	(Hour/Hour/Minute/Minute)	1	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8996		Email address 1 for notification	-	-	SYS	Maximum 192 characters.	11	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8997		Email address 2 for notification	-	-	SYS	Maximum 192 characters.	11	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8998		Email address 3 for notification	-	-	SYS	Maximum 192 characters.	11	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8999	1	Adjustment mode (05) data list	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8999	2	Setting mode (08) data list	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8999	3	PM support mode data list	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information	Pixel counter list	8999	4	Toner cartridge reference	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information	Pixel counter list	8999	5	Service engineer reference	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information	Error history list	8999	6	Maximum 1000 items	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Maintenance	Notification of equipment information	Error history list	8999	7	Latest 80 items	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information	Firmware upgrade log	8999	8	Maximum 200 items	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8999	9	Power ON/OFF log	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8999	10	Version list	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8999	11	Engine firmware log	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting Mode	System	Maintenance	Notification of equipment information		8999	12	Total counter list	0	0-1	SYS	0: Disabled 1: Enabled	4	Yes
08	Setting mode	System	General			9000		Destination selection	Refer to contents	0-2	M	0: Others 1: North America 2: Japan <Default value> NAD: 1 JPD: 2 Others: 0	1	
08	Setting Mode	System	Option	FAX		9001		Destination setting	Refer to contents	0-25	SYS	0: Japan 1: Asia 2: Australia 3: Hong Kong 4: U.S.A./Canada 5: Germany 6: U.K. 7: Italy 8: Belgium 9: Netherlands 10: Finland 11: Spain 12: Austria 13: Switzerland 14: Sweden 15: Denmark 16: Norway 17: Portugal 18: France 19: Greece 20: Poland 21: Hungary 22: Czech 23: Turkey 24: South Africa 25: Taiwan <Default value> NAD: 4 MJD: 5 JPD: 0 Others: 1	1	Yes
08	Setting mode	System	General			9010		Line adjustment mode	0	0-1	M	0: For factory shipment 1: For line Field: "0" must be selected	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General			9012		Language selection to be displayed at power-ON	Refer to contents	-	SYS	en_US: English de_DE: German fr_FR: French es_ES: Spanish it_IT: Italian ja_JP: Japanese en_GB: English (British) zh_CN: Simplified Chinese zh_TW: Traditional Chinese ko_KR: Korean <Default value> JPD: Japanese CND: Simplified Chinese TWD: Traditional Chinese Others: English	11	
08	Setting mode	System	User interface			9016		Externally installed counter	0	0-5	M	0: No external counter 1: Coin controller (If the value of 08-9979 is "0" (ACS), it is changed to "2" (Full color).) 2: Copy key card (This value is valid only when "2" is set for 08-9000.) 3: Key copy counter 5: Coin controller supporting ACS/mixed-size (The value of 08-4131 is set to "1") * "4" cannot be set.	1	
08	Setting mode	System	Counter			9017		Setting for counter installed externally	1	0-7	M	Selects the job to count up for the external counter. 0: Not selected 1: Copy 2: Fax 3: Copy/Fax 4: Print 5: Copy/Print 6: Fax/Print 7: Copy/Fax/Print	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	General	Memory		9020		Size information of memory	-	-	SYS	Displays the sizes of the main memory and page memory. Enables to check if each memory is properly	2	Yes
08	Setting Mode	System	General			9022		Production process management status for easy setup	99	0-99	SYS	Perform this code when an error occurs during the easy setup (unpacking manual adjustment) and you want to finish the easy setup, or when you want to restart the unpacking manual adjustment from the beginning. Only 0 to 8 and 99 are available for this code. 0: Packing mode completed (before starting to unpack) 1: Auto toner adjustment completed 2: Installation of toner cartridge confirmed 3: Installation of toner cartridge completed 4: Forced image quality control completed 5: Forced registration completed 6: Enforced performing of fuser thermistor correction completed 7: Auto gamma adjustment (PPC) completed 8: Auto gamma adjustment (PRT 600 dpi) completed 99: Unpacking and adjustment completed * "8" is not supported by LL20/25ppm model.	1	
08	Setting Mode	System	Initialization			9030		Initialization after software version up	-	-	SYS	Perform this code when the software in this equipment has been upgraded.	3	Yes
08	Setting Mode	System	User interface			9036		On/Off setting of self-copy function	0	0-1	SYS	Sets whether the self-copy function is enabled or disabled. 0: Disabled 1: Enabled	1	
08	Setting Mode	System	User interface	Counter installed externally		9037		Job handling-short paid-coin controller	1	0-1	SYS	Sets whether pause or stop the printing job when it is short paid using a coin controller. 0: Pause the job 1: Stop the job	1	
08	Setting Mode	System	Maintenance	General		9050		Performing panel calibration	-	-	SYS	Performs the calibration of the pressing position on the touch panel (LCD screen). The calibration is performed by pressing 4 reference positions after this code is started up.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface	Display setting		9051		Panel calibration setting value	0	0-1	SYS	Switches whether the screen for displaying panel calibration setting values is displayed or not. 0: Disabled (screen not displayed) 1: Enabled (screen displayed)	1	Yes
08	Setting Mode	System	Maintenance	General		9059		Operation switching at calibration	Refer to contents	0-1	SYS	Switches whether a menu for selecting paper in user calibration (automatic gamma adjustment) is displayed or not. 0: Not displayed 1: Displayed (copy/print) <Default value> MJD: 1 Others: 0	1	Yes
08	Setting mode	System				9060		Destination display at SRAM initialization	Refer to contents	0-255	SYS	0: MJD 1: NAD 2: JPD 3: AUD 4: CND 5: Not defined 6: TWD 7: Not defined 8: Not defined 9: ASD 10: ARD 11: Not defined <Default value> JPD: 2 NAD: 1 MJD: 0 ASD: 9 AUD: 3 TWD: 6 CND: 4 ARD: 10	2	
08	Setting Mode	System	HDD			9065		HDD diagnostic menu display	-	-	SYS	Displays the HDD information.	2	Yes
08	Setting Mode	System	HDD			9072		Performing HDD testing	-	-	SYS	Checks the bad sector. It may take more than 30 minutes to finish the checking.	3	
08	Setting mode	System	General			9081		Initialization of department management information	-	-	SYS	Initializing of the department management information Enter the code with the digital keys and press the [INITIALIZE] button to perform the initialization. If the area storing the department management information is destroyed for some reason, "Enter Department Code" is displayed on the control panel even if the department management function is not set on. In this case, initialize the area with this code. This area is normally initialized at the factory.	3	
08	Setting Mode	System	Initialization			9083		Initialization of NIC information	-	-	SYS	Returns the value to the factory shipping default value.	3	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	All clear	LGC-SRAM board		9090		Printer all clear	-	-	M	Initializes all the self-diagnosis 05/08 codes with "M" in the "RAM" field.	3	Yes
08	Setting mode	System	General			9100		Date and time setting	-	13 digits	-	Year/month/date/day/hour/minute/second Example: 03 07 01 3 13 27 48 "Day" - "0" is for "Sunday". Proceeds Monday through Saturday from "1" to "6".	5	
08	Setting mode	System	User interface			9102		Date display format	Refer to contents	0-2	SYS	0: YYYY.MM.DD 1: DD.MM.YYYY 2: MM.DD.YYYY <Default value> MJD: 1 JPD: 0 Others: 2	1	
08	Setting mode	System	General			9103		Time differences	Refer to contents	0-47	SYS	0: +12.0h 1: +11.5h 2: +11.0h 3: +10.5h 4: +10.0h 5: +9.5h 6: +9.0h 7: +8.5h 8: +8.0h 9: +7.5h 10: +7.0h 11: +6.5h 12: +6.0h 13: +5.5h 14: +5.0h 15: +4.5h 16: +4.0h 17: +3.5h 18: +3.0h 19: +2.5h 20: +2.0h 21: +1.5h 22: +1.0h 23: +0.5h 24: 0.0h 25:-0.5h 26: -1.0h 27: -1.5h 28: -2.0h 29: -2.5h 30: -3.0h 31: -3.5h 32: -4.0h 33: -4.5h 34: -5.0h 35: -5.5h 36: -6.0h 37: -6.5h 38: -7.0h 39: -7.5h 40: -8.0h 41: -8.5h 42: -9.0h 43: -9.5h 44: -10.0h 45: -10.5h 46: -11.0h 47: -11.5h <Default value> MJD: 24 NAD: 40 JPD: 6 Others: 0	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	User interface			9110		Auto-clear timer setting	3	0-10	SYS	Timer to return the equipment to the default settings when the [START] button is not pressed after the function and the mode are set 0: Not cleared 1 to 10: Set number x 15 sec.	1	
08	Setting Mode	System	User interface			9111		Auto power save mode timer setting	4	0, 4, 6-15	SYS	Timer to automatically switch to the auto power save mode when the equipment has not been used 0: Invalid 4: 1 min. 6: 3 min. 7: 4 min. 8: 5 min. 9: 7 min. 10: 10 min. 11: 15 min. 12: 20 min. 13: 30 min. 14: 45 min. 15: 60 min.	1	Yes
08	Setting Mode	System	User interface			9112		Auto Shut Off timer setting (Sleep Mode)	21	0-21	SYS	Timer to automatically switch to the auto sleep mode when the equipment has not been used 0: 3 min. 1: 5 min. 2: 10 min. 3: 15 min. 4: 20 min. 5: 25 min. 6: 30 min. 7: 40 min. 8: 50 min. 9: 60 min. 10: 70 min. 11: 80 min. 12: 90 min. 13: 100 min. 14: 110 min. 15: 120 min. 16: 150 min. 17: 180 min. 18: 210 min. 19: 240 min. 20: Invalid 21: 1 min.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface	Power save		9113		Setting for turning the screen OFF for Auto Power Save mode or the Auto Shut Off mode	Refer to contents	0-1	SYS	0: OFF 1: ON <Default value> JPD/NAD/MJD: 1 Others: 0	1	Yes
08	Setting Mode	System	User interface	General		9116		Black-free function	0	0-1	SYS	0: Disabled 1: Enabled When "1" (enabled) is set at this code, "1" (black) is automatically set at the code 08-9979. In this case "0" (ACS) and "2" (full color) are not selectable for 08-9979. When "0" (OFF) is set at 08-9120 and "1" (ON) is set at 08-9264, the value for this code becomes "0" (disabled) automatically ("1" is not selectable). When the value of 08-6084 is "1" (Quota type = Job Quota), the value of this code cannot be set to "1".	1	Yes
08	Setting mode	System	General	Raw printing job		9117		Blank page print	0	0-1	SYS	0: OFF 1: ON * This code is not supported by LL20/25ppm model.	1	
08	Setting Mode	System	User interface	Department setting		9120		Enable/Disable setting	0	0-1	SYS	0: Invalid 1: Valid	1	Yes
08	Setting Mode	System	User interface	Department setting		9121		Print setting without department code	1	0-2	SYS	0: Printed forcibly 1: Not printed 2: Deleted forcibly	1	Yes
08	Setting Mode	System	User interface	Department setting		9122		Copy	1	0-1	SYS	0: Disabled 1: Enabled	1	Yes
08	Setting Mode	System	User interface	Department setting		9123		FAX	1	0-1	SYS	0: Disabled 1: Enabled	1	Yes
08	Setting Mode	System	User interface	Department setting		9124		Printer/e-Filing	1	0-1	SYS	0: Disabled 1: Enabled	1	Yes
08	Setting Mode	System	User interface	Department setting		9125		Scanning	1	0-1	SYS	0: Disabled 1: Enabled	1	Yes
08	Setting Mode	System	User interface	Department setting		9126		List print	1	0-1	SYS	0: Disabled 1: Enabled	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Counter	Counting method in Twin Color Mode	PPC	9128		Counting method in Twin Color Mode	0	0-2	SYS	Sets the counting method of fee charging or duplexing count in the Twin Color Mode. 0: Count as Twin Color Mode 1: Count as Black Mode 2: Count as Full Color Mode	1	
08	Setting Mode	System	User interface	External counter	Coin controller	9129		Duplex print setting	1	0-1	SYS	Sets whether duplex printing is allowed or not (only permitting single printing) when a coin controller is used. 0: Invalid (printing only one side) 1: Valid (printing both sides)	1	
08	Setting mode	System	User interface			9130		Highlighting display on LCD	0	0-1	SYS	0: Black letter on white background 1: White letter on black background	1	
08	Setting Mode	System	User interface	Default mode setting	Default setting	9132		Default setting of screen (Function)	0	0-99	SYS	Sets the screen to be displayed after the auto-clear time has passed or it has recovered from the energy saving mode or sleep mode. 0: Copier 1: Fax 2: Scan 3: Box 4: Print 5: Template 6: Menu 7: Job status 99: EWB * Only 0 to 7 and 99 can be entered.	1	Yes
08	Setting mode	System	User interface			9133		Default setting for APS/AMS	0	0-2	SYS	0: APS (Automatic Paper Selection) 1: AMS (Automatic Magnification Selection) 2: Not selected	1	
08	Setting Mode	System	User interface	Default setting of RADF mode		9134		Default setting	0	0-1	SYS	0: Continuous feeding (by pressing the [START] button) 1: Single feeding (by setting original on the tray)	1	Yes
08	Setting mode	System	User interface	Book type original priority	PPC	9135		Book type original priority	0	0-1	SYS	0: Left page to right page 1: Right page to left page	1	
08	Setting mode	System	User interface	Maximum number of copy volume	PPC	9136		Maximum number of copy volume	1	1-3	SYS	1: 999 2: 99 3: 9	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface	Default mode setting	Default setting	9137		Setting for automatic duplexing mode	0	0-3	SYS	0: Invalid 1: Single-sided to duplex copying 2: Two-sided to duplex copying 3: User selection	1	Yes
08	Setting mode	System	User interface	Paper size selection for [OTHER] button	PPC	9140		Paper size selection for [OTHER] button	Refer to contents	0-431	SYS	Press the icon on the LCD to select the size. <Default value> NAD: COMP JPD: A5-R Others: FOLIO	9	
08	Setting Mode	System	User interface	Default setting of RADF mode		9142		Default setting of RADF original size	0	0-1	SYS	0: Same size originals 1: Mixed size originals	1	Yes
08	Setting mode	System	Paper feeding			9143		Time lag before auto-start of bypass feeding	10	0-10	SYS	Sets the time taken to add paper feeding when paper in the bypass tray has run out during the bypass feed copying. 0: Paper is not drawn in unless the [START] button is pressed. 1-10: Setting value x 0.5sec.	1	
08	Setting mode	System	User interface	Blank copying prevention mode during RADF jamming	PPC	9144		Blank copying prevention mode during RADF jamming	0	0-1	SYS	0: OFF 1: ON (Start printing when the scanning of each page is finished)	1	
08	Setting Mode	System	User interface	Rotation printing		9146		Rotation printing at the non-sorting	0	0-1	SYS	0: Not rotating 1: Rotating	1	Yes
08	Setting mode	System	User interface	Direction priority of original image	PPC	9147		Direction priority of original image	0	0-1	SYS	0: Automatic 1: Portrait	1	
08	Setting mode	System	User interface			9148		Inner receiving tray priority at Non-sort Mode	0	0-1	SYS	0: Normal 1: Inner receiving tray	1	
08	Setting mode	System	User interface	Width setting for image shift copying (linkage of front side and back side)	PPC	9149		Width setting for image shift copying (linkage of front side and back side)	0	0-1	SYS	0: ON 1: OFF	1	
08	Setting mode	System	User interface	Automatic Sorting Mode setting (RADF)	PPC	9150		Automatic Sorting Mode setting (RADF)	2	0-4	SYS	0: Invalid 1: STAPLE 2: SORT 3: GROUP 4: ROTATE SORT	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	User interface	Default setting of Sorter Mode	PPC	9151		Default setting of Sorter Mode	0	0-4	SYS	0: NON-SORT 1: STAPLE 2: SORT 3: GROUP 4: ROTATE SORT	1	
08	Setting mode	System	User interface	Correction of reproduction ratio in editing copy	PPC	9152		Correction of reproduction ratio in editing copy	10	0-10	SYS	Sets the reproduction ratio for the "X in 1" printing (including magazine sort) to the "Reproduction ratio x Correction ratio". 0: 90% 1: 91% 2: 92% 3: 93% 4: 94% 5: 95% 6: 96% 7: 97% 8: 98% 9: 99% 10: 100%	1	
08	Setting mode	System	User interface			9153		Image position in editing	2	0-3	SYS	Sets the page pasted position for "X in 1" to the upper left corner/center. 0: Cornering (PPC)/Cornering (PRT) 1: Centering (PPC)/Cornering (PRT) 2: Cornering (PPC)/Centering (PRT) 3: Centering (PPC)/Centering (PRT)	1	
08	Setting mode	System	User interface			9155		Magazine sort setting	0	0-1	SYS	0: Left page to right page 1: Right page to left page	1	
08	Setting mode	System	User interface	2 in 1/4 in 1 page allocating order setting	PPC	9156		2 in 1 / 4 in 1 page allocating order setting	0	0-1	SYS	0: Horizontal 1: Vertical	1	
08	Setting mode	System	User interface	Printing format setting for Time Stamp and Page Number	PPC	9157		Printing format setting for Time Stamp and Page Number	0	0-1	SYS	Hyphen 0: OFF 1: ON Note: Hyphen printing format ON: -1- OFF: 1	1	
08	Setting mode	System	User interface	Cascade operation setting	PPC / FAX	9158	0	Enable/Disable setting	0	0-1	SYS	0: Disabled 1: Enabled	4	
08	Setting mode	System	User interface	Cascade operation setting	PPC / FAX	9158	1	Operation setting	0	0-1	SYS	0: Once 1: Circulation (Loop)	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	User interface	Cascade operation setting	Printer/Box	9159	0	Enable/Disable setting	0	0-1	SYS	0: Disabled 1: Enabled	4	
08	Setting mode	System	User interface	Cascade operation setting	Printer/Box	9159	1	Operation setting	0	0-1	SYS	0: Once 1: Circulation (Loop)	4	
08	Setting mode	System	User interface			9163		Default setting of printing direction for Time Stamp and Page Number	0	0-1	SYS	0: Short edge 1: Long edge	1	
08	Setting Mode	System	User interface	Paper Feed	Auto-start setting for bypass feed printing	9164		Remote	0	0-1	SYS	Sets whether or not feeding a paper automatically into the copier when it is placed on the bypass tray. 0: OFF (Press the [START] button to start feeding.) 1: ON (Automatic feeding)	1	Yes
08	Setting mode	System	User interface	Paper Feed	Auto-start setting for bypass feed printing	9165		Local	1	0-1	SYS	Sets whether or not feeding a paper automatically into the copier when it is placed on the bypass tray. 0: OFF (Press the [START] button to start feeding.)1: ON (Automatic feeding)	1	
08	Setting mode	System	User interface	Twin color copy		9178		Color 1 (The color judged as black)	0	0-6	SYS	0: K 1: Y 2: M 3: C 4: R 5: G 6: B	1	
08	Setting mode	System	User interface	Twin color copy		9179		Color 2 (The color judged as other than black)	4	0-6	SYS	0: K 1: Y 2: M 3: C 4: R 5: G 6: B	1	
08	Setting Mode	System	Option	FAX		9183		Application of paper source	0	0-1	SYS	0: Not subjected for APS judgment 1: Subjected for APS judgment	1	Yes
08	Setting mode	System	User interface			9184		Centering printing of primary/secondary direction at AMS	1	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	User interface	Feeding paper media		9185	0	Copier	3	1-3	SYS	Sets a media type for APS drawer searching in the copier functions. Acceptable value (decimal number): 1, 2, 3 Each bit 0: Excluded from feeding target media Each bit 1: Feeding target media bit 0: Plain paper bit 1: Recycled paper bit 2: N/A (Always set "0") bit 3: N/A (Always set "0") * Do not set the paper type that is not supported.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	User interface	Feeding paper media		9185	1	Printer/Box	1	1	SYS	Sets a media type to print on plain paper in the printer/box functions. This setting is used for drawer searching or media type inconsistency judgment. The setting result does not affect other media types, other than plain paper. Acceptable value (decimal number): 1 only Each bit 0: Excluded from feeding target media Each bit 1: Feeding target media bit 0: Plain paper bit 1: N/A (Always set "0") bit 2: N/A (Always set "0") bit 3: N/A (Always set "0")	4	
08	Setting Mode	System	Network	Retention period		9193		Web data retention period	10	3 digits	SYS	When a certain period of time has passed without operation after accessing TopAccess, the data being registered is automatically reset. This period is set at this code. (Unit: minute)	1	Yes
08	Setting mode	System	General			9199		Automatic interruption page number setting for printing	400	0-9999	SYS	Sets the number of pages to interrupt printing automatically. If "1" or more is set to this code, printing is interrupted at the set value. If "0" is set, printing is not interrupted automatically. By the combination of this code and 08-2509, performing image quality control is possible while processing jobs. Even if the number of jobs exceeds the set value of 08-2509, image quality control can be performed around the set value of 08-2509 by interrupting printing automatically with this code, and the change of image density can be suppressed. However, image problems may occur if the value extremely smaller than the default value is set to the equipment whose print ratio of monochrome is relatively high. (unit: pages)	1	
08	Setting Mode	System	Network	Retention period		9200		File retention period	30	0-999	SYS	0: No limits 1 to 999: 1 to 999 days	1	Yes
08	Setting Mode	System	Network	E-mail		9201		Max. size in email/InternetFAX transmission	30	2-100	SYS	2 to 100 M bytes	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Electronic filing			9203		e-Filing document guarantee mode	1	0-1	SYS	Sets the file retention level during edition in e-Filing (when the document cut/save command is used) 0: Not retained (Documents could be lost due to We session timeout / electricity cutoff during document cut/save.) 1: Full retained - Documents are retained until cut/save command completion. When "1" is set, documents are not lost even if disk full occurs during command execution.	1	
08	Setting mode	System	User interface	When judging as black in the ACS Mode		9204		Binarizing level selection	3	1-5	SYS	1: Step -2 2: Step -1 3: Step 0 (center) 4: Step 1 5: Step 2 The binarizing level of each step is set at 08-9230.	1	
08	Setting mode	System	Electronic filing			9207		Default setting of user box retention period	0	0-999	SYS	Sets the data retention period when creating a user box. 0: Not deleted 1 to 999: Retention period (Unit: Day)	1	
08	Setting Mode	System	HDD			9208		Warning notification-File Share/e-Filling	90	0-100	SYS	Sets the percentage of HDD partition filled when warning notification is sent. 0 to 100: 0 to 100% * Checks the remaining amount of HDD with the searching interval set at 08-9225.	1	Yes
08	Setting mode	System	Scanning	E-mail		9209		Notification setting of E-mail saving time limit	3	0-99	SYS	Sets the days left the notification of E-mail saving time limit appears 0 to 99: 0 to 99 days	1	
08	Setting mode	System	Scanning	E-mail		9210		Default setting of partial size when transmitting E-mail	0	0-6	SYS	Sets the default value for the partial size of E-mail to be transmitted when creating a template. 0: Not divided 1: 64 2: 128 3: 256 4: 512 5: 1024 6: 2048 (Unit: KB)	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Option	FAX		9211		Default setting of page by page-I FAX	0	0-4	SYS	Sets the default value for the page by page of Internet FAX to be transmitted when creating a template. 0: Not divided 1: 256 2: 512 3: 1024 4: 2048 (Unit: KB)	1	Yes
08	Setting Mode	System	User interface	Default mode setting	Default setting (SCN)	9213		Default set of density adjust (Black)	0	0-11	SYS	0: Automatic density 1: Step -5 2: Step -4 3: Step -3 4: Step -2 5: Step -1 6: Step 0 (center) 7: Step +1 8: Step +2 9: Step +3 10: Step +4 11: Step +5 (1 to 11: Manual density)	1	Yes
08	Setting mode	System	User interface	Default mode setting	Default setting of background adjustment	9214		Full Color	5	1-9	SYS	1: Step -4 2: Step -3 3: Step -2 4: Step -1 5: Step 0 (center) 6: Step +1 7: Step +2 8: Step +3 9: Step +4	1	
08	Setting Mode	System	User interface	Default mode setting	Default setting (SCN)	9215		Color mode	0	0-4	SYS	0: Black 1: Gray Scale 2: Unused 3: Full Color 4: Auto Color	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface	Default mode setting	Default setting of resolution (SCN)	9216		Full Color	2	0-5	SYS	0: 100 dpi 1: 150 dpi 2: 200 dpi 3: 300 dpi 4: 400 dpi 5: 600 dpi	1	Yes
08	Setting Mode	System	User interface	Default mode setting	Default setting of resolution (SCN)	9217		Gray Scale	2	0-5	SYS	0: 100 dpi 1: 150 dpi 2: 200 dpi 3: 300 dpi 4: 400 dpi 5: 600 dpi	1	Yes
08	Setting Mode	System	User interface	Default mode setting	Default setting of resolution (SCN)	9218		Black	1	0-5	SYS	0: 150 dpi 1: 200 dpi 2: 300 dpi 3: 400 dpi 4: 600 dpi 5: 100 dpi	1	Yes
08	Setting Mode	System	User interface	Default mode setting	Default setting (SCN)	9219		Original mode (Full color)	0	0-3	SYS	0: Text 1: Text/Photo 2: Photo 3: Custom (Valid only when a setting other than "0" is set for 08-8303)	1	Yes
08	Setting Mode	System	User interface	Default mode setting	Default setting (SCN)	9220		Original mode (Black)	0	0-3	SYS	0: Text 1: Text/Photo 2: Photo 3: Custom The value other than "0" needs to be set for 08-7401 to select "3: Custom."	1	Yes
08	Setting mode	System	User interface	Default mode setting		9221		Default setting of scanning mode	0	0-2	SYS	0: Single 1: Book 2: Tablet	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	User interface	Default mode setting		9222		Default setting of rotation mode	0	0-3	SYS	0: 0 degree 1: 90 degrees 2: 180 degrees 3: 270 degrees	1	
08	Setting mode	System	User interface	Default mode setting		9223		Default setting of original paper size	0	0-22	SYS	0: Automatic 1: A3 2: A4 3: LD 4: LT 5: A4-R 6: A5-R 7: LT-R 8: LG 9: B4 10: B5 11: ST-R 12: COMP 13: B5-R 14: FOLIO 15: 13"LG 16: 8.5"x 8.5" 18: A6-R 19: Size mixed20: 8K 21: 16K 22: 16K-R	1	
08	Setting mode	System	General			9225		Searching interval of deleting expired files and checking capacity of HDD partitions	12	1-24	SYS	Sets the search interval of deleting expired files and checking capacity of HDD partitions. (Unit: Hour) Related code: 08-9208	1	
08	Setting mode	System	User interface	Default mode setting		9226		Default setting of background adjustment (Gray Scale)	5	1-9	SYS	1: Step -4 2: Step -3 3: Step -2 4: Step -1 5: Step 0 (Center) 6: Step +1 7: Step +2 8: Step +3 9: Step +4	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface	Default setting of filing format	E-mail	9227		Black	1	0-6	SYS	0: TIFF (Multi) 1: PDF (Multi) 2: Not used 3: TIFF (Single) 4: PDF (Single) 5: XPS (Multi) 6: XPS (Single)	1	Yes
08	Setting Mode	System	User interface	Default setting of filing format	Storing files	9228		Color/ACS	1	0-8	SYS	0: TIFF (Multi) 1: PDF (Multi) 2: JPG 3: TIFF (Single) 4: PDF (Single) 5: SLIM PDF (Multi) 6: SLIM PDF (Single) 7: XPS (Multi) 8: XPS (Single)	1	Yes
08	Setting Mode	System	User interface	Default setting of filing format	Storing files	9229		Black	MJD: 1 Others: 0	0-6	SYS	0: TIFF (Multi) 1: PDF (Multi) 2: Not used 3: TIFF (Single) 4: PDF (Single) 5: XPS (Multi) 6: XPS (Single)	1	Yes
08	Setting mode	System	Image	Binarizing level setting (When judging as black in the ACS Mode)		9230	0	Step -2	115	0-255	SYS	Sets the binarizing level of each step. When the value increases, the image becomes darker. When the value decreases, the image becomes lighter. Refer to 08-9204.	4	
08	Setting mode	System	Image	Binarizing level setting (When judging as black in the ACS Mode)		9230	1	Step -1	145	0-255	SYS	Sets the binarizing level of each step. When the value increases, the image becomes darker. When the value decreases, the image becomes lighter. Refer to 08-9204.	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Image	Binarizing level setting (When judging as black in the ACS Mode)		9230	2	Step 0 (center)	175	0-255	SYS	Sets the binarizing level of each step. When the value increases, the image becomes darker. When the value decreases, the image becomes lighter. Refer to 08-9204.	4	
08	Setting mode	System	Image	Binarizing level setting (When judging as black in the ACS Mode)		9230	3	Step +1	205	0-255	SYS	Sets the binarizing level of each step. When the value increases, the image becomes darker. When the value decreases, the image becomes lighter. Refer to 08-9204.	4	
08	Setting mode	System	Image	Binarizing level setting (When judging as black in the ACS Mode)		9230	4	Step +2	235	0-255	SYS	Sets the binarizing level of each step. When the value increases, the image becomes darker. When the value decreases, the image becomes lighter. Refer to 08-9204.	4	
08	Setting mode	System	Scanning			9233		Equipment name and user name setting to a folder when saving files	0	0-2	SYS	Sets whether or not adding the equipment name and user name to the folder when saving files. 0: Not added 1: Add the equipment name 2: Add the user name	1	
08	Setting mode	System	User interface	Default screen setting		9236		Default setting of print screen	1	1-4	SYS	1: Private print screen (Job list of log-in user is displayed if user authentication is enabled.) 2: Hold print screen (Job list of log-in user is displayed if user authentication is enabled.) 3: Private print screen (If the private print screen is displayed when user authentication is enabled, user list is displayed if user logs in as GUEST, and job list of log-in user is displayed if user logs in as general user.) 4: Hold print screen (If the private print screen is displayed when user authentication is enabled, user list is displayed if user logs in as GUEST, and job list of log-in user is displayed if user logs in as general user.) * If user data department management (08-9264) is changed from OFF to ON, the value in this code changes from "1" to "2", and "3" to "4". The value does not change if it is "2" or"4". Reset this value as necessary when changing user data department management (08-9264) from OFF to ON.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Data overwrite enabler			9240		HDD data overwriting type setting	3	0-3	SYS	Select the type of the overwriting level for deleting HDD data. (This setting is enabled only when the GP-1070 is installed.) 0: LOW Standard overwriting method. 1: MEDIUM More secure overwriting method than LOW. The overwriting time is between LOW and HIGH. 2: HIGH The most secure overwriting method. The overwriting time is the longest. 3: SIMPLE Simple overwriting method. The time for overwriting is the shortest.	1	
08	Setting mode	System	Paper feeding			9248		Tab paper / Inserter paper automatic feeding setting (Remote)	1	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	User interface			9250		Image setting for Electronic Filing printing (Only for color image)	0	0-3	SYS	0: General 1: Photograph 2: Presentation 3: Line art	1	
08	Setting mode	System	User interface			9251		Access code entry for Electronic Filing printing	0	0-1	SYS	0: Renewed automatically 1: Enter every time	1	
08	Setting mode	System	User interface			9252		Clearing timing for files and Electronic Filing Agent	1	0-1	SYS	0: Immediately after the completion of scanning 1: Cleared by Auto Clear	1	
08	Setting mode	System	Paper feeding			9253		Setting of paper size switching to 13" LG	0	0-2	SYS	0: Not switched 1: LG -> 13"LG 2: FOLIO -> 13"LG	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Option	FAX		9255		FOLIO/A4-R judgment when width of paper is mixed	0	0-1	SYS	When the value of this code is "0", the paper size is judged by performing switchback. When the value of this code is "1" and the paper size is AB-series, FOLIO is judged as A4-R and switchback is not performed. When the paper size is LT-series, the switchback is always performed. When the value of this code is set to "1", the scanning performance increases at fax transmission. However, the whole image cannot be output since FOLIO is judged as A4-R. 0: Judgment is enabled 1: Judgment is disabled	1	
08	Setting mode	System	User interface			9261		Maximum number of time job build performed	1000	5-1000	SYS	Sets the maximum number of time a job build has been performed. 5-1000: 5 to 1000 times	1	
08	Setting mode	System	General			9264		User data department management	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	Paper feeding			9267		Detection method of 13" LG for single-size document	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting Mode	System	Option	FAX		9268		Inbound FAX function (Forwarding by TSI)	1	0-1	SYS	0: OFF (Function disabled) 1: ON (Function enabled)	1	Yes
08	Setting Mode	System	Option	FAX		9269		Tab/cover sheet-FAX Printing stop function	0	0-1	SYS	Sets ON or OFF of the printing function of special sheets such as tab or cover sheet of FAX, Email or list print. 0: Function OFF 1: Function ON	1	Yes
08	Setting mode	System	Network			9271		Authentication method of "Scan to Email"	0	0-2	SYS	0: Disabled 1: SMTP authentication 2: LDAP authentication	1	
08	Setting mode	System	Network			9272		Setting whether use of the Internet FAX is permitted at the time of authentication	0	0-1	SYS	0: Not permitted 1: Permitted	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network			9274		"From" address assignment method at the time of authentication	0	0-2	SYS	0: User name + @ + Domain name 1: LDAP searching 2: Use the address registered at "From" field of E-mail setting	1	
08	Setting mode	System	Network			9276		Setting for "From" address edit at "Scan to Email"	0	0-1	SYS	0: Not permitted 1: Permitted	1	
08	Setting mode	System	Network	E-mail		9278		Domain name	-	-	SYS	96 + 2 (delimiter) character ASCII sequence only	11	
08	Setting Mode	System	User interface	Sound		9280		Error sound	1	0-1	SYS	0: OFF 1: ON	1	Yes
08	Setting Mode	System	User interface	Sound		9281		Sound setting -- Energy Saving	Refer to contents	0-1	SYS	0: OFF 1: ON <Default value> JPD: 0 Others: 1	1	Yes
08	Setting mode	System	General	Color		9288		User data management limitation setting	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	General	Color		9289		User data management limitation Setting by number of printouts	0	7 digits	SYS	0-9,999,999: 0-9,999,999 sheets	1	
08	Setting mode	System	General			9293		User authentication method	0	0-2	SYS	0: Local authentication 1: Windows domain authentication 2: LDAP authentication	1	
08	Setting mode	System	General			9294		Automatic user registration for external authentication	1	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	General			9295		User data management limitation setting	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	General			9296		User data management limitation Setting by number of printouts	0	7 digits	SYS	0-9,999,999: 0-9,999,999 sheets	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network			9298		Restriction on Address book operation by administrator	0	0-1	SYS	Some restrictions can be given on the administrator for operating the Address book. 0: No restriction 1: Can be operated only under the administrator's authorization	1	
08	Setting mode	System	Network			9299		Restriction on "To" ("cc") address	0	0-3	SYS	0: No restriction 1: Can be set from both of the Address book and LDAP server 2: Can be set only from the Address book 3: Can be set only from the LDAP server	1	
08	Setting mode	System	Paper feeding	Paper information		9300		Drawer 1	0	0-8	SYS	0: Plain paper 1: Thick paper 1 2: Thick paper 2 3: Thick paper 3 8: Recycled paper * Only 0 to 3, 8 are acceptable. * Do not set the paper type that is not supported.	1	
08	Setting mode	System	Paper feeding	Paper information		9301		Drawer 2	0	0-8	SYS	0: Plain paper 1: Thick paper 1 2: Thick paper 2 3: Thick paper 3 8: Recycled paper * Only 0 to 3, 8 are acceptable. * Do not set the paper type that is not supported.	1	
08	Setting mode	System	Paper feeding	Paper information		9302		PFP 1	0	0-8	SYS	0: Plain paper 1: Thick paper 1 2: Thick paper 2 3: Thick paper 3 8: Recycled paper * Only 0 to 3, 8 are acceptable. * Do not set the paper type that is not supported.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Paper feeding	Paper information		9303		PFP 2	0	0-8	SYS	0: Plain paper 1: Thick paper 1 2: Thick paper 2 3: Thick paper 3 8: Recycled paper * Only 0 to 3, 8 are acceptable. * Do not set the paper type that is not supported.	1	
08	Setting mode	System	Paper feeding	Paper information		9304		LCF	0	0-8	SYS	0: Plain paper 8: Recycled paper * Only 0 and 8 are acceptable. * Do not set the paper type that is not supported.	1	
08	Setting mode	System	Paper feeding	Paper information		9305		Bypass tray	0	0-160	SYS	0: Plain paper 1: Thick paper 1 2: Thick paper 2 3: Thick paper 3 4: Thick paper 4 6: Special paper 1 7: Special paper 2 8: Recycled paper 11: Thin paper 12: Special paper 3 16: OHP film 32: Envelope 128: Plain paper (reverse) 129: Thick paper 1 (reverse) 130: Thick paper 2 (reverse) 131: Thick paper 3 (reverse) 132: Thick paper 4 (reverse) 134: Special paper 1 (reverse) 135: Special paper 2 (reverse) 136: Recycled paper (reverse) 139: Thin paper (reverse) 140: Special paper 3 (reverse) 160: Envelope (reverse) * 0-4, 6-8, 11, 12, 16, 32, 128-132, 134-136, 139, 140, and 160 are acceptable. * Do not set the paper type that is not supported.	1	
08	Setting mode	System	Paper feeding	Size conversion		9306		LT <-> A4 / LD <-> A3	0	0-1	SYS	Sets whether the data is printed on the different but similar size paper or not when the paper of corresponding size is not available. 0: Valid (The data is printed on A4/A3 when LT/LD is selected or vice versa.) 1: Invalid (The message to use the selected paper size is displayed.)	1	
08	Setting Mode	System	Network	Print	Retention period	9307		Storage period at trail and private	14	0-53	SYS	0: No limits 1 to 30: 1 to 30 days 31: 1 hour 32: 2 hours 33: 4 hours 34: 8 hours 35: 12 hours 50: 5 min. 51: 10 min. 52: 15 min. 53: 30 min.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	Print	Raw printing job	9308		Duplex	1	0-1	SYS	0: Valid 1: Invalid * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	Network	Print	Raw printing job	9309		Paper size	Refer to contents	0 -13	SYS	0: LD 1: LG 2: LT 3: COMP 4: ST 5: A3 6: A4 7: A5 8: A6 9: B4 10: B5 11: FOLIO 12: 13"LG 13: 8.5" x 8.5" * This code is not supported by LL20/25ppm model. <Default value> NAD: 2 Others: 6	1	
08	Setting mode	System	Network	Print	Raw printing job	9310		Paper type	0	0-7	SYS	0: Plain paper 1: Thick paper 1 2: Thick paper 2 3: Thick paper 3 4: OHP film 5: Thick paper 4 6: Thin paper 7: Recycled paper	1	
08	Setting mode	System	Network	Print	Raw printing job	9311		Paper direction	0	0-1	SYS	0: Portrait 1: Landscape * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	Network	Print	Raw printing job	9312		Staple	1	0-1	SYS	0: Valid 1: Invalid * This code is not supported by LL20/25ppm model.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	Print	Raw printing job	9313		Exit tray	0	0-6	SYS	0: Inner tray 1: Finisher tray1 2: Finisher tray2 3: Unused 4: Unused 5: Unused 6: Unused * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	Network	Print	Raw printing job	9314		Number of form lines	1200	500-12800	SYS	Sets the number of form lines from 5 to 128. (A hundredfold of the number of form lines is defined as the setting value.) * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	Network	Print	Raw printing job	9315		PCL font pitch	1000	44-9999	SYS	Sets the font pitch from 0.44 to 99.99. (A hundredfold of the font pitch is defined as the setting value.) * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	Network	Print	Raw printing job	9316		PCL font size	1200	400-99975	SYS	Sets the font size from 4 to 999.75. (A hundredfold of the font size is defined as the setting value.) * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	Network	Print	Raw printing job	9317		PCL font number	0	0-9999	SYS	Sets the PCL font number. * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	Paper feeding	Paper size (bypass feeding/non-standard type)		9318		Memory 1	148/100	148-432/100-297	SYS	Registers the paper size of bypass feed (non-standard type) into [MEMORY 1]. Feeding/Widthwise direction.	10	
08	Setting mode	System	Paper feeding	Paper size (bypass feeding/non-standard type)		9319		Memory 2	148/100	148-432/100-297	SYS	Registers the paper size of bypass feed (non-standard type) into [MEMORY 2]. Feeding/Widthwise direction.	10	
08	Setting mode	System	Paper feeding	Paper size (bypass feeding/non-standard type)		9320		Memory 3	148/100	148-432/100-297	SYS	Registers the paper size of bypass feed (non-standard type) into [MEMORY 3]. Feeding/Widthwise direction.	10	
08	Setting mode	System	Paper feeding	Paper size (bypass feeding/non-standard type)		9321		Memory 4	148/100	148-432/100-297	SYS	Registers the paper size of bypass feed (non-standard type) into [MEMORY 4]. Feeding/Widthwise direction.	10	
08	Setting Mode	System	User interface	Sound		9325		Key touch sound of control panel	1	0-1	SYS	0: OFF 1: ON	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface	Display setting		9326		Size indicator	0	0-1	SYS	0: Invalid 1: Valid	1	Yes
08	Setting mode	System	General	Banner advertising		9327		Setting of banner advertising display	0	0-1	SYS	Sets whether or not displaying the banner advertising. The setting contents of 08-9328 and 9329 are displayed at the time display section on the right top of the screen. When both are set, each content is displayed alternately. 0: Not displayed 1: Displayed	1	
08	Setting mode	System	General	Banner advertising		9328		Banner advertising display 1	-	-	SYS	Maximum 27 letters (one-byte character)	11	
08	Setting mode	System	General	Banner advertising		9329		Banner advertising display 2	-	-	SYS	Maximum 27 letters (one-byte character)	11	
08	Setting mode	System	General	Banner advertising		9330		Display of [BANNER MESSAGE] button	0	0-1	SYS	0: Not displayed 1: Displayed This button enables the entry of "Banner advertising display 1 (08-9328)" and "Banner advertising display 2 (08-9329)" on the control panel.	1	
08	Setting mode	System	Network			9331		Local I/F time-out period	6	1-50	SYS	Sets the period of time when the job is judged as completed in local I/F printing (USB or parallel). 1: 1.0 sec. 2: 1.5 sec. 50: 25.5 sec. (in increments of 0.5 sec.)	1	
08	Setting mode	System	User interface			9332		Original counter display	Refer to contents	0-4	SYS	Sets whether the original counter is displayed or not. 0: Not displayed 2: Displayed 4: Displayed (Double sized original is counted as 2.) <Default value> MJD: 2 Others: 0	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	Print		9334		PCL line feed code setting	0	0-3	SYS	Sets the PCL line feed code. 0: Automatic setting 1: CR=CR, LF=LF 2: CR=CR+LF, LF=LF 3: CR=CR, LF=CR+LF * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	Paper feeding			9336		Default setting of drawers (Printer/BOX)	1	1-5	SYS	1: LCF 2: 1st drawer 3: 2nd drawer 4: PFP upper drawer 5: PFP lower drawer	1	
08	Setting mode	System	User interface			9337		Restriction of the template function with the administrator privilege	0	0-1	SYS	Selects the restriction of the template function usage setting. 0: No restriction 1: Only available with the administrator privilege.	1	
08	Setting mode	System	Network	Print	Raw printing job	9338		Paper feeding drawer	0	0-5	SYS	0: AUTO 1: 1st drawer 2: 2nd drawer 3: PFP upper drawer 4: PFP lower drawer 5: LCF * This code is not supported by LL20/25ppm model.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	Print	Raw printing job	9339		PCL symbol set	0	0-39	SYS	0: Roman-8 1: ISO 8859/1 Latin 1 2: ISO 8859/2 Latin 2 3: ISO 8859/9 Latin 5 4: PC-8, Code Page 437 5: PC-8 D/N, Danish/Norwegian 6: PC-850, Multilingual 7: PC-852, Latin2 8: PC-8 Turkish 9: Windows 3.1 Latin 1 10: Windows 3.1 Latin 2 11: Windows 3.1 Latin 5 12: DeskTop 13: PS Text 14: Ventura International 15: Ventura US 16: Microsoft Publishing 17: Math-8 18: PS Math 19: Ventura Math 20: Pi Font 21: Legal 22: ISO 4: United Kingdom 23: ISO 6: ASCII 24: ISO 11 25: ISO 15: Italian 26: ISO 17 27: ISO 21: German 28: ISO 60: Danish/Norwegian 29: ISO 69: French 30: Windows 3.0 Latin 1 31: MC Text 32: PC Cyrillic 33: ITC Zapf Dingbats 34: ISO 8859/10 Latin 6 35: PC-775 36: PC-1004 37: Symbol 38: Windows Baltic 39: Wingdings * This code is not supported by LL20/25ppm model.	1	
08	Setting mode	System	User interface	Copy	Binding margin setting	9341	0	Left binding front (Right binding back)	7	0-100	SYS	Sets the binding margin displayed as default on the setting screen for the top/bottom/left/right binding function when copying.	4	Yes
08	Setting mode	System	User interface	Copy	Binding margin setting	9341	1	Left binding back (Right binding front)	7	0-100	SYS	Sets the binding margin displayed as default on the setting screen for the top/bottom/left/right binding function when copying.	4	Yes
08	Setting mode	System	User interface	Copy	Binding margin setting	9341	2	Top binding front (Bottom binding back)	7	0-100	SYS	Sets the binding margin displayed as default on the setting screen for the top/bottom/left/right binding function when copying.	4	Yes
08	Setting mode	System	User interface	Copy	Binding margin setting	9341	3	Top binding back (Bottom binding front)	7	0-100	SYS	Sets the binding margin displayed as default on the setting screen for the top/bottom/left/right binding function when copying.	4	Yes
08	Setting mode	System	User interface	Copy	Binding margin setting	9342		Margin width (Book binding)	14	0-30	SYS	Sets the binding margin displayed as default on the setting screen for the book binding function when copying.	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	Printer	Paper feeding	Automatic change of paper source	Auto	9343		Printing/BOX printing	1	1-2	SYS	Sets whether the drawer is changed automatically if the paper runs out in the selected drawer and the paper of the same size is in other drawer. 1: ON (Changes to the drawer with the same paper direction and size: ex. A4 to A4) 2: ON (Changes to the drawer with the same paper size. Paper with the different direction is acceptable as long as the size is the same: ex., A4 to A4-R, LT-R to LT. "1" is applied when the staple/hole punch is specified.)	1	Yes
08	Setting mode	System	Network	Print		9344		Private-print-only mode	0	0-3	SYS	0: Normal 1: Private-print-only mode 2: Hold-print-only mode 3: Private/Hold-print-only mode	1	
08	Setting mode	System	User			9352		Display of paper size setting by installation operation of drawers	Refer to contents	0-1	SYS	0: Not displayed 1: Displayed <Default value> MJD, JPD: 0 Others: 1	1	
08	Setting mode	System	General	Print		9357		Enhanced bold for PCL6	0	0-1	SYS	0: OFF 1: ON (Enhanced bold for PCL6.)	1	
08	Setting Mode	System	User interface	Paper Feed setting		9359		Printing resume after jam releasing	1	0-1	SYS	0: Auto resume 1: Resume by users	1	Yes
08	Setting mode	System	General	Color profile	Available profile display	9361	0	WH_OP_00.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	1	WH_OP_01.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	2	WH_OP_02.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Available profile display	9361	3	WH_OP_03.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	4	WH_OP_04.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	5	WH_OP_05.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	6	WH_OP_06.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	7	WH_OP_07.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	8	WH_OP_08.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	9	WH_OP_09.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	10	WH_OP_10.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	11	WH_OP_11.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	12	WH_OP_12.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	13	WH_OP_13.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Available profile display	9361	14	WH_OP_14.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	15	WH_OP_15.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	16	WH_OP_16.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	17	WH_OP_17.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	18	WH_OP_18.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	19	WH_OP_19.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	20	WH_OP_20.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	21	WH_OP_21.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	22	WH_OP_22.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	23	WH_OP_23.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	24	WH_OP_24.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Available profile display	9361	25	WH_OP_25.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	26	WH_OP_26.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	27	WH_OP_27.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	28	WH_OP_28.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	29	WH_OP_29.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	30	WH_OP_30.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	31	WH_OP_31.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	32	WH_OP_32.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	33	WH_OP_33.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	34	WH_OP_34.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	35	WH_OP_35.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Available profile display	9361	36	WH_OP_36.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	37	WH_OP_37.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	38	WH_OP_38.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	39	WH_OP_39.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	40	WH_OP_40.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	41	WH_OP_41.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	42	WH_OP_42.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	43	WH_OP_43.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	44	WH_OP_44.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	45	WH_OP_45.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	46	WH_OP_46.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Available profile display	9361	47	WH_OP_47.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	48	WH_OP_48.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	49	WH_OP_49.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	50	WH_OP_50.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	51	WH_OP_51.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	52	WH_OP_52.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Available profile display	9361	53	WH_OP_53.icc	-	-	SYS	Displaying the current Output Profile and PG CIE Based Pure GrayTRC attribute (PG CIE Based PureGray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile		9362		Recovery of the profile at the shipment	0	0-53	SYS	Recovers the default Output Profile and PG CIE Based Pure GrayTRC (PG CIE Based PureGray TRC in the same sub-code is recovered to the default.) 0: WH_OP_00 1: WH_OP_01 2: WH_OP_02 ... 51: WH_OP_51 52: WH_OP_52 53: WH_OP_53	1	
08	Setting mode	System	General	Color profile		9363		Copying the profile at the shipment to USB memory	0	0-53	SYS	Copies the default Output Profile and PG CIE Based Pure Gray TRC to the USB memory. 0: WH_OP_00 1: WH_OP_01 2: WH_OP_02 ... 51: WH_OP_51 52: WH_OP_52 53: WH_OP_53	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile		9364		Uploading the profile at the shipment from UBS memory	0	0-53	SYS	Uploads the default Output Profile and PG CIE Based Pure GrayTRC from the USB memory. 0: WH_OP_00 1: WH_OP_01 2: WH_OP_02 ... 51: WH_OP_51 52: WH_OP_52 53: WH_OP_53	1	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	0	WH_OP_00.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	1	WH_OP_01.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	2	WH_OP_02.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	3	WH_OP_03.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	4	WH_OP_04.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	5	WH_OP_05.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	6	WH_OP_06.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	7	WH_OP_07.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	8	WH_OP_08.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	9	WH_OP_09.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	10	WH_OP_10.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	11	WH_OP_11.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	12	WH_OP_12.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	13	WH_OP_13.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	14	WH_OP_14.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	15	WH_OP_15.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	16	WH_OP_16.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	17	WH_OP_17.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	18	WH_OP_18.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	19	WH_OP_19.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	20	WH_OP_20.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	21	WH_OP_21.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	22	WH_OP_22.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	23	WH_OP_23.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	24	WH_OP_24.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	25	WH_OP_25.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	26	WH_OP_26.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	27	WH_OP_27.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	28	WH_OP_28.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	29	WH_OP_29.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	30	WH_OP_30.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	31	WH_OP_31.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	32	WH_OP_32.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	33	WH_OP_33.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	34	WH_OP_34.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	35	WH_OP_35.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	36	WH_OP_36.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	37	WH_OP_37.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	38	WH_OP_38.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	39	WH_OP_39.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	40	WH_OP_40.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	41	WH_OP_41.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	42	WH_OP_42.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	43	WH_OP_43.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	44	WH_OP_44.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	45	WH_OP_45.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	46	WH_OP_46.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	47	WH_OP_47.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	48	WH_OP_48.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	49	WH_OP_49.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	50	WH_OP_50.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	51	WH_OP_51.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	52	WH_OP_52.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9365	53	WH_OP_53.000	-	-	SYS	Displays the default Output Profile and PG CIE Based Pure Gray TRC attribute. (PG CIE Based Pure Gray TRC attribute in the same sub-code is displayed at the same time.)	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile		9366		Making the profile available	0	0-53	SYS	Selecting a profile Overwrites the adjusted Output Profile on the current area (PG CIE Based Pure Gray TRC in the same sub-code is replaced with the adjusted profile at the same time.) 0: WH_OP_00 1: WH_OP_01 2: WH_OP_02 ... 51: WH_OP_51 52: WH_OP_52 53: WH_OP_53	1	
08	Setting mode	System	General	Color profile		9367		Copying the adjusted profile to USB memory	0	0-53	SYS	Copies the adjusted Output Profile and PG CIE Based Pure GrayTRC to the USB memory. (PG CIE Based PureGray TRC in the same sub-code is copied to the USB memory at the same time.) 0: WH_OP_00 1: WH_OP_01 2: WH_OP_02 ... 51: WH_OP_51 52: WH_OP_52 53: WH_OP_53	1	
08	Setting mode	System	General	Color profile		9368		Uploading the adjusted profile from USB memory	0	0-53	SYS	Uploads the Output Profile and PG CIE Based Pure Gray TRC from the USB memory. 0: WH_OP_00 1: WH_OP_01 2: WH_OP_02 ... 51: WH_OP_51 52: WH_OP_52 53: WH_OP_53	1	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	0	WH_OP_00.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	1	WH_OP_01.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	2	WH_OP_02.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	3	WH_OP_03.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	4	WH_OP_04.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	5	WH_OP_05.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	6	WH_OP_06.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	7	WH_OP_07.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	8	WH_OP_08.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	9	WH_OP_09.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	10	WH_OP_10.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	11	WH_OP_11.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	12	WH_OP_12.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	13	WH_OP_13.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	14	WH_OP_14.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	15	WH_OP_15.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	16	WH_OP_16.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	17	WH_OP_17.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	18	WH_OP_18.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	19	WH_OP_19.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	20	WH_OP_20.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	21	WH_OP_21.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	22	WH_OP_22.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	23	WH_OP_23.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	24	WH_OP_24.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	25	WH_OP_25.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	26	WH_OP_26.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	27	WH_OP_27.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	28	WH_OP_28.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	29	WH_OP_29.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	30	WH_OP_30.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	31	WH_OP_31.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	32	WH_OP_32.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	33	WH_OP_33.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	34	WH_OP_34.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	35	WH_OP_35.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	36	WH_OP_36.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	37	WH_OP_37.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	38	WH_OP_38.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	39	WH_OP_39.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	40	WH_OP_40.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	41	WH_OP_41.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	42	WH_OP_42.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	43	WH_OP_43.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	44	WH_OP_44.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	45	WH_OP_45.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	46	WH_OP_46.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	47	WH_OP_47.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	48	WH_OP_48.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	49	WH_OP_49.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	50	WH_OP_50.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	51	WH_OP_51.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	52	WH_OP_52.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	General	Color profile	Displaying the attribute of the profile at the shipment	9369	53	WH_OP_53.001	-	-	SYS	Displays the adjusted Output Profile and PG CIE Based Pure GrayTRC attribute in the same sub-code.	14	
08	Setting mode	System	User interface	Security		9379		AES data encryption function setting	0	0-2	SYS	0: Encryption invalid 1: Encryption valid (Security priority) Encrypts all of the user's data. 2: Encryption valid (Performance priority) Encrypts the user's data except the files temporarily created and deleted in the image processing such as copying or printing. * If the setting is changed, the data including user's data are erased.	1	
08	Setting mode	System	User interface	Email		9380		Converting 1-byte katakana into 2 byte-katakana at e-mail transmission	1	0-1	SYS	0: Non-conversion1: With conversion	1	
08	Setting mode	System	General	Paper size setting		9381		Custom size (Photo size)	148/100	10-434/10-300	SYS	Value of feeding/widthwise direction	10	
08	Setting mode	System	Image	Copy		9382		Erasing leading edge shade on A3-wide (full-page copying)	0	0-1	SYS	0: Whole page copied (No void) 1: Leading edge masked	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	User interface	Default setting of filing format	E-mail	9384		Color/ACS	1	0-8	SYS	0: TIFF (Multi) 1: PDF (Multi) 2: JPG 3: TIFF (Single) 4: PDF (Single) 5: SLIM PDF (Multi) 6: SLIM PDF (Single) 7: XPS (Multi) 8: XPS (Single)	1	Yes
08	Setting mode	System	Network	Notification of scan job		9386	0	When job completed	0	0-1	SYS	Sets the notification method of scan job completion. 0: Invalid 1: Valid	4	
08	Setting mode	System	Network	Notification of scan job		9386	1	On error	0	0-1	SYS	Sets the notification method of scan job completion. 0: Invalid 1: Valid	4	
08	Setting mode	System	Network	Scanning		9387		File name format of "Save as file" and Email transmission	0	0-6	SYS	Sets the file naming method for "Save as file" and Email transmission. 0: [FileName]-[Data]-[Page] 1: [FileName]-[Page]-[Data] 2: [Data]-[FileName]-[Page] 3: [Data]-[Page]-[File-Name] 4: [Page]-[FileName]-[Data] 5: [Page]-[Data]-[File-Name] 6: [HostName]_[Data]-[Page]	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	Scanning		9388		Date display format of the file name of "Save as file" and Email transmission	0	0-5	SYS	Sets the data display format of the file for "Save as file" and Email transmission. 0: [YYYY][MM][DD][HH][mm][SS] 1: [YY][MM][DD][HH][mm][SS] 2: [YYYY][MM][DD] 3: [YY][MM][DD] 4: [HH][mm][SS] 5: [YYYY][MM][DD][HH][mm][SS][mm0] The order of [YY], [MM] and [DD] varies depending on the setting of the code 08-9102 (Data display format).	1	
08	Setting mode	System	Network	Scanning		9389		Single page data saving directory at "Save as file"	0	0-1	SYS	Sets the directory where the file of "Save as file" is saved. 0: Save it under a subfolder 1: Save it without creating a subfolder	1	
08	Setting mode	System	Network	Scanning		9390		Page number display format of the file of "Save as file" and Email transmission	4	3-6	SYS	Sets the digit of a page number attached on the file. 3-6: 3-6 digits	1	
08	Setting mode	System	Network	Scanning		9391		Extension (suffix) format of the file of "Save as file"	3	3-6	SYS	Sets the extension digits of the file to be saved. 3: Auto 4: 4 digits 5: 5 digits 6: 6 digits	1	
08	Setting mode	System	Network	Scanning		9394		Single-page option for storing File and sending Email	0	0-1	SYS	0: Sets 1 page as 1 file 1: Makes a file based on the original	1	
08	Setting mode	System	User interface	LDAP authentication		9397		Execution of user authentication when the user ID is not entered	2	0-2	SYS	0: Forcible execution1: Execution impossible (pooled in the invalid queue) 2: Forcible deletion	1	
08	Setting Mode	System	User interface	Card reading device	LDAP authentication	9398		LDAP attribute name settings 1	eBMUserCard	-	SYS	Maximum 32 characters (ASCII).	11	Yes
08	Setting mode	System	User interface	LDAP authentication		9399		Role Based Access LDAP search index	0	0-4294967295	SYS	This code is used to specify the ID for the LDAP server to implement Role-Based Access Control.	5	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	Ethernet		9403		Communication speed and settings of Ethernet	1	1-7	-	1: Auto 2: - 3: 10MBPS Full Duplex 4: - 5: 100MBPS Full Duplex 6: - 7: 1000MBPS Full Duplex	12	
08	Setting Mode	System	Network	TCP/IP		9406		Method of acquiring IP address	2	1-3	NIC	1: Fixed IP address 2: Dynamic IP address 3: Dynamic IP address without Auto IP	12	Yes
08	Setting mode	System	Network			9407		Domain name	-	-	NIC	Maximum 96 letters	12	
08	Setting Mode	System	Network	TCP/IP		9408		IP address	Refer to contents	Refer to contents	NIC	<Default value> 0.0.0.0 <Acceptable value> 0.0.0.0-255.255.255.255	12	Yes
08	Setting Mode	System	Network	TCP/IP		9409		Subnet mask	Refer to contents	Refer to contents	NIC	<Default value> 0.0.0.0 <Acceptable value> 0.0.0.0-255.255.255.255	12	Yes
08	Setting Mode	System	Network	TCP/IP		9410		Gateway	Refer to contents	Refer to contents	NIC	<Default value> 0.0.0.0 <Acceptable value> 0.0.0.0-255.255.255.255	12	Yes
08	Setting mode	System	Network	IPX/SPX		9411		Enable/disable setting of IPX/SPX	2	1-2	NIC	1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	AppleTalk		9414		Availability of AppleTalk	2	1-2	NIC	1: Enabled 2: Disabled * This code is not supported by LL20/25ppm model.	12	
08	Setting mode	System	Network	LDAP		9416		Availability of LDAP	1	1-2	NIC	1: Available 2: Not available	12	
08	Setting Mode	System	Network	DNS		9417		Availability of DNS	1	1-2	NIC	1: Available 2: Not available	12	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Network	DNS		9418		IP address to DNS server (Primary)	-	Refer to contents	NIC	<Acceptable value> 0.0.0.0-255.255.255.255	12	Yes
08	Setting Mode	System	Network	DNS		9419		IP address to DNS server (Secondary)	-	Refer to contents	NIC	<Acceptable value> 0.0.0.0-255.255.255.255	12	Yes
08	Setting mode	System	Network	NetWare		9421		Availability of SLP	1	1-2	NIC	Sets the availability of SLP on NetWare. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network			9423		NetBios name	MFP-serial	-	NIC	Maximum 15 letters The network-related serial number of the equipment appears at "serial"	12	
08	Setting mode	System	Network			9424		Name of WINS server or IP address (Primary)	-	-	NIC	000.000.000.000-255.255.255.255 (Default value 000.000.000.000)	12	
08	Setting mode	System	Network			9425		Name of WINS server or IP address (Secondary)	-	-	NIC	000.000.000.000-255.255.255.255 (Default value 000.000.000.000)	12	
08	Setting mode	System	Network	NetWare		9426		Availability of Bindery	1	1-2	NIC	1: Available 2: Not available	12	
08	Setting mode	System	Network	NetWare		9427		Availability of NDS	1	1-2	NIC	1: Available 2: Not available	12	
08	Setting mode	System	Network	HTTP		9430		Availability of HTTP server	1	1-2	NIC	1: Available 2: Not available	12	
08	Setting mode	System	Network	SMTP		9437		Availability of SMTP client	1	1-2	NIC	1: Available 2: Not available	12	
08	Setting mode	System	Network	SMTP		9438		FQDN or IP address to SMTP server	-	-	NIC	Maximum 128 Bytes	12	
08	Setting mode	System	Network	SMTP		9440		Availability of SMTP server	1	1-2	UTY	1: Available 2: Not available	12	
08	Setting mode	System	Network	POP3		9446		Availability of POP3 clients	1	1-2	NIC	1: Available 2: Not available	12	
08	Setting mode	System	Network			9459		Availability of FTP server	1	1-2	NIC	1: Available 2: Not available	12	
08	Setting mode	System	Network	SNMP		9463		Availability of MIB function	1	1-2	NIC	1: Valid 2: Invalid	12	
08	Setting mode	System	Network	Raw TCP		9473		Availability of Raw/TCP	1	1-2	NIC	1: Valid 2: Invalid	12	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	LPD		9475		Availability of LPD client	1	1-2	NIC	1: Valid 2: Invalid	12	
08	Setting mode	System	Network	IPP		9478		Availability of IPP	1	1-2	NIC	1: Valid 2: Invalid	12	
08	Setting mode	System	Network	IPP		9481		IPP printer name	MFPserial	-	NIC	Maximum 127 letters The network-related serial number of the equipment appears at "serial"	12	
08	Setting mode	System	Network	IPP		9486		IPP printer "Make and Model"	Refer to contents	-	NIC	Maximum 127 characters <Default value> mfp model name	12	
08	Setting mode	System	Network	IPP		9487		IPP printer information (more) MFGR	-	-	NIC	Maximum 127 characters	12	
08	Setting mode	System	Network	IPP		9488		IPP message from operator	-	-	NIC	Maximum 127 characters	12	
08	Setting mode	System	Network	FTP		9489		Availability of FTP print	1	1-2	NIC	1: Available 2: Not available	12	
08	Setting mode	System	Network	Email		9499		Page number limitation for printing text of received Email	5	1-99	SYS		1	
08	Setting mode	System	Network			9505		Bonjour setting	1	1-2	NIC	1: Valid 2: Invalid	12	
08	Setting mode	System	Network			9514		Host name	MFP_serial	-	NIC	Maximum 63 letters The network-related serial number of the equipment appears at "serial"	12	
08	Setting mode	System	Network	Windows authentication		9515		Windows domain No.1 of user authentication	-	-	UTY	Maximum 128 letters	12	
08	Setting mode	System	Network	Windows authentication		9516		PDC (Primary Domain Controller) name No.1 of authentication	-	-	UTY	Maximum 128 letters	12	
08	Setting mode	System	Network	Windows authentication		9517		BDC (Backup Domain Controller) name No.1 of authentication	-	-	UTY	Maximum 128 letters	12	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	Windows authentication		9518		Windows domain of device authentication	4	3-4	NIC	3: ON (Domain selected) 4: OFF (Work group selected)	12	
08	Setting Mode	System	Network			9519		Workgroup name	Workgroup	-	NIC	Maximum 15 letters	12	
08	Setting Mode	System	Network			9525		Display of MAC address	-	-	SYS	(**:**:**:**:**:**) The address is displayed as above. 6-byte data is divided by colon.	2	Yes
08	Setting mode	System	Network	SSL		9548		HTTP server OFF/ON	2	1-2	-	1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	SSL		9550		IPP server OFF/ON setting	2	1-2	-	1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	SSL		9552		SSL ftp server OFF/ON	2	1-2	-	OFF/ON1: Valid2: Invalid	12	
08	Setting mode	System	Network	SSL		9556		SSL POP3 Client OFF/ON	2	1-3	-	OFF/ON 1: Valid (Accepts all the certification of the server) 2: Invalid 3: Use the imported certification.	12	
08	Setting mode	System	Network	TCP/IP		9563		IP Conflict Detect	1	1-2	-	OFF/ON 1: Valid 2: Invalid	12	
08	Setting mode	System	Network	SNTP		9564		SNTP Enable	2	1-2	-	OFF/ON 1: Valid 2: Invalid	12	
08	Setting mode	System	Network	DHCP		9580		Enabling server's IP address acquired by DHCP	1	1-2	-	Domain Name Server option (6) 1: Enabled 2: Disabled This value is used only when DHCP is enabled.	12	
08	Setting mode	System	Network	DHCP		9581		Enabling server's IP address acquired by DHCP	1	1-2	-	NetBIOS over TCP/IP Name Server option (44) = Primary and Secondary Wins NAME 1: Enabled 2: Disabled This value is used only when DHCP is enabled.	12	
08	Setting mode	System	Network	SMTP		9584		SMTP Server Option (69) Simple Mail Server Address	2	1-2	-	OFF/ON1: Valid2: Invalid	12	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	POP3		9585		POP3 Server Option (70) Post Office Server Address	2	1-2	-	OFF/ON1: Valid2: Invalid	12	
08	Setting mode	System	Network	DHCP		9587		Enabling server's IP address acquired by DHCP	2	1-2	-	SNTP Server Option (42) NTP Server Address 1: Enabled 2: Disabled This value is used only when DHCP is enabled.	12	
08	Setting mode	System	Network	SMB		9599		Samba server ON/OFF setting	1	1-4	NIC	1: Samba enabled 2: Samba disabled 3: Print Share disabled 4: File Share disabled	12	
08	Setting mode	System	Network	SMB		9599		Samba server ON/OFF setting (When HDD is installed)	1	1-4	NIC	1: Samba enabled 2: Samba disabled 3: Print Share disabled 4: File Share disabled	12	
08	Setting Mode	System	Maintenance	General		9601		Equipment number (serial number) display	-	9 digits	SYS	Fist digit: Production country (fixed) Second digit: Model (fixed) Third digit: Month (variable) Fourth to ninth digit: serial number (variable) This can be also entered with 05-9043.	11	Yes
08	Setting mode	System	Maintenance			9602		Dealer's name	-	-	SYS	Maximum 100 letters Needed at initial registration	11	
08	Setting Mode	System	Maintenance	RDMS		9603		Login name	-	20 letters	SYS	Maximum 20 letters Needed at initial registration	11	Yes
08	Setting Mode	System	Maintenance	Remote-controlled service	Call /Display function	9604		Display set of Service Notification button	Refer to contents	0-1	SYS	0: Not displayed 1: Displayed <Default value> NAD/MJD: 1 Others: 0	1	Yes
08	Setting mode	System	Maintenance	RDMS		9605		Sending error contents of equipment	0	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	Maintenance	Remote-controlled service		9606		Setting total counter transmission interval	-	-	SYS	(Hour/Hour/Minute/Minute)	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Maintenance	Remote-controlled service		9607		Destination E-mail address 2	-	-	SYS	Maximum 192 letters	11	
08	Setting mode	System	Maintenance	Remote-controlled service		9608		Destination E-mail address 3	-	-	SYS	Maximum 192 letters	11	
08	Setting mode	System	Maintenance	RDMS		9610		Polling day selection Day-1	0	0-31	SYS	0: OFF 1 to 31: 1st to 31st of a month	1	
08	Setting mode	System	Maintenance	RDMS		9611		Polling day selection Day-2	0	0-31	SYS	0: OFF 1 to 31: 1st to 31st of a month	1	
08	Setting mode	System	Maintenance	RDMS		9612		Polling day selection Day-3	0	0-31	SYS	0: OFF 1 to 31: 1st to 31st of a month	1	
08	Setting mode	System	Maintenance	RDMS		9613		Polling day selection Day-4	0	0-31	SYS	0: OFF 1 to 31: 1st to 31st of a month	1	
08	Setting Mode	System	Maintenance	RDMS	Remote-controlled service polling day	9614		Sunday	1	0-1	SYS	0: Invalid 1: Valid	1	Yes
08	Setting Mode	System	Maintenance	RDMS	Remote-controlled service polling day	9615		Monday	1	0-1	SYS	0: Invalid 1: Valid	1	Yes
08	Setting Mode	System	Maintenance	RDMS	Remote-controlled service polling day	9616		Tuesday	1	0-1	SYS	0: Invalid 1: Valid	1	Yes
08	Setting Mode	System	Maintenance	RDMS	Remote-controlled service polling day	9617		Wednesday	1	0-1	SYS	0: Invalid 1: Valid	1	Yes
08	Setting Mode	System	Maintenance	RDMS	Remote-controlled service polling day	9618		Thursday	1	0-1	SYS	0: Invalid 1: Valid	1	Yes
08	Setting Mode	System	Maintenance	RDMS	Remote-controlled service polling day	9619		Friday	1	0-1	SYS	0: Invalid 1: Valid	1	Yes
08	Setting Mode	System	Maintenance	RDMS	Remote-controlled service polling day	9620		Saturday	1	0-1	SYS	0: Invalid 1: Valid	1	Yes
08	Setting mode	System	Maintenance	Remote-controlled service	Information of supplies	9621		Setting of toner cartridge C	0	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information of supplies	9622		Setting of toner cartridge M	0	0-1	SYS	0: Invalid 1: Valid	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Maintenance	Remote-controlled service	Information of supplies	9623		Setting of toner cartridge Y	0	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information of supplies	9624		Setting of toner cartridge K	0	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information of supplies	9625		Setting of waste toner box	0	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	Maintenance	RDMS	Long interval polling	9626		Setting of polling at the end of month	0	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	Network	InternetFAX		9627		Sending mail text of Internet FAX	1	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	Network	SMTP		9628		From Name Creation setting in SMTP authentication	0	0-2	SYS	0: Not edited 1: Account name of From Address +Device name 2: LDAP searching	1	
08	Setting mode	System	Wireless LAN			9649		Wireless LAN setting	2	1-2	NIC	Sets whether the wireless LAN connection is enabled or disabled. 1: Enabled 2: Disabled	12	
08	Setting mode	System	Network	DHCP		9694		Enabling server's IP address acquired by DHCP	1	1-2	-	DNS domain name Option (15) DNS domain name of the client 1: Enabled 2: Disabled This value is used only when DHCP is enabled.	12	
08	Setting mode	System	User interface			9698		Color mode notification setting at ACS	0	0-1	SYS	0: Color 1: Black	1	
08	Setting Mode	System	Maintenance	General		9700		Service technician telephone number	0	32 digits	SYS	A telephone number can be entered up to 32 digits. Use the [MONITOR/PAUSE] button to enter a hyphen(-).	11	Yes
08	Setting mode	System	User interface			9702		Automatic calibration disclosure level	1	0-2	SYS	Sets the disclosing level of automatic calibration. 0: Service technician 1: Administrator 2: User	1	
08	Setting Mode	System	Maintenance	General		9703		Error history display	-	-	SYS	Displays the latest 20 errors data	2	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	Scanning		9709		Default data saving directory of "Scan to File"	0	0-2	SYS	0: Local directory 1: REMOTE 1 2: REMOTE 2	1	
08	Setting Mode	System	Maintenance	RDMS	General	9710		Remote-controlled service function	2	0-2	SYS	0: Valid (Remote-controlled server) 1: Valid (L2) 2: Invalid	1	Yes
08	Setting Mode	System	Maintenance	RDMS	HTTP	9711		Remote-controlled service URL setting	-	-	SYS	Maximum 256 letters	11	Yes
08	Setting Mode	System	Maintenance	RDMS	HTTP	9715		Initially-registered server URL setting	Refer to contents	-	SYS	Maximum 256 letters <Default value> https://device.mfp-support.com:443/device/firstregist.ashx	11	Yes
08	Setting mode	System	Maintenance (Remote)	RDMS		9718		Short time interval setting of recovery from Emergency Mode	24	1-48	SYS	Sets the time interval to recover from the Emergency Mode to the Normal Mode. (Unit: Hour)	1	
08	Setting mode	System	Maintenance	RDMS		9719		Short time interval setting of Emergency Mode	60	30-360	SYS	Unit: Minute	1	
08	Setting Mode	System	Maintenance	RDMS	General	9723		Periodical polling timing	1030	0-2359	SYS	(Hour/Hour/Minute/Minute) 0 (0:00) to 2359 (23:59)	1	Yes
08	Setting Mode	System	Maintenance	RDMS	General	9724		Writing data of self-diagnostic code	0	0-1	SYS	0: Prohibited 1: Accepted	1	Yes
08	Setting Mode	System	Maintenance	RDMS	General	9726		Remote-service initial registration	0	0-3	SYS	0: OFF 1: Start 2: Only certification is scanned 3: RDMS communication starts	1	Yes
08	Setting Mode	System	Maintenance	RDMS	General	9727		Remote-controlled service tentative password	-	10 letters	SYS	Maximum 10 letters	11	Yes
08	Setting Mode	System	Maintenance	RDMS	General	9729		Status of remote-service initial regist	0	0-1	SYS	0: Not registered 1: Registered	2	Yes
08	Setting Mode	System	Maintenance	RDMS	Call /Display function	9730		Service center call function	1	0-2	SYS	0: OFF 1: Notifies all service calls 2: Notifies all but paper jams	1	Yes

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Maintenance	RDMS	HTTP	9732		Service center call HTTP server URL setting	-	-	SYS	Maximum 256 letters	11	Yes
08	Setting mode	System	Counter	External counter		9736		Interrupt copying	0	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting Mode	System	Maintenance	RDMS	Call /Display function	9739		Toner-end notification	0	0-2	SYS	0: RDMS toner empty notified immediately 1: RDMS toner empty notified once a day 2: RDMS toner empty not notified	1	Yes
08	Setting Mode	System	Maintenance	RDMS	HTTP	9740		HTTP proxy setting	1	0-1	SYS	0: Valid 1: Invalid	1	Yes
08	Setting Mode	System	Maintenance	RDMS	HTTP	9741		HTTP proxy IP address setting	Refer to contents	-	SYS	Input IP address or FQDN. <Default value> 0.0.0.0	11	Yes
08	Setting Mode	System	Maintenance	RDMS	HTTP	9742		HTTP proxy port number setting	0	0-65535	SYS		1	Yes
08	Setting Mode	System	Maintenance	RDMS	HTTP	9743		HTTP proxy ID setting	-	-	SYS	Maximum 30 letters	11	Yes
08	Setting Mode	System	Maintenance	RDMS	HTTP	9744		HTTP proxy password setting	-	-	SYS	Maximum 30 letters	11	Yes
08	Setting Mode	System	Maintenance	RDMS	HTTP	9745		HTTP proxy panel display	1	0-1	SYS	0: Valid 1: Invalid	1	Yes
08	Setting mode	System	Network	Security		9746		802.1X/Dynamic WEP selecting button display	1	0-1	SYS	Switches whether a selecting button for Security mode 802.1X/Dynamic WEP is displayed or not. 0: Not displayed 1: Displayed	1	
08	Setting mode	System	Network	Scanning		9749		WIA Scan Driver	1	1-2	NIC	Selects WIA Scan Driver. 1: TTEC 2: Microsoft	12	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9750		Ordering method	3	0-3	SYS	0: Ordered by FAX 1: Ordered by E-mail 2: Ordered by HTTP 3: OFF	1	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9751		FAX number	-	-	SYS	Maximum 32 digits Enter hyphen with the [Monitor/Pause] button	11	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9752		E-mail address	-	-	SYS	Maximum 192 letters List: 256 digits	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9756		User's name	-	-	SYS	Maximum 50 letters	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9757		User's telephone number	-	-	SYS	Maximum 32 digits Enter hyphen with the [Monitor/Pause] button	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9758		User's E-mail address	-	-	SYS	Maximum 192 letters List: 256 digits	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9759		User's address	-	-	SYS	Maximum 100 letters	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9760		Service number	-	-	SYS	Maximum 5 digits	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9761		Service technician's name	-	-	SYS	Maximum 50 letters	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9762		Service technician's telephone number	-	-	SYS	Maximum 32 digits Enter hyphen with the [Monitor/Pause] button	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9763		Service technician's E-mail address	-	-	SYS	Maximum 192 letters List: 256 digits	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9764		Supplier's name	-	-	SYS	Maximum 50 letters	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9765		Supplier's address	-	-	SYS	Maximum 100 letters	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic ordering function of supplies	9766		Notes	-	-	SYS	Maximum 128 letters	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9767		Part number of toner cartridge C	-	-	SYS	Maximum 20 digits	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9768		Order quantity of toner cartridge C	1	1-99	SYS		1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9769		Condition number of toner cartridge C	1	1-99	SYS		1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9770		Part number of toner cartridge M	-	-	SYS	Maximum 20 digits	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9771		Order quantity of toner cartridge M	1	1-99	SYS		1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9772		Condition number of toner cartridge M	1	1-99	SYS		1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9773		Part number of toner cartridge Y	-	-	SYS	Maximum 20 digits	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9774		Order quantity of toner cartridge Y	1	1-99	SYS		1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9775		Condition number of toner cartridge Y	1	1-99	SYS		1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9776		Part number of toner cartridge K	-	-	SYS	Maximum 20 digits	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9777		Order quantity of toner cartridge K	1	1-99	SYS		1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9778		Condition number of toner cartridge K	1	1-99	SYS		1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9779		Part number of waste toner box	-	-	SYS	Maximum 20 digits	11	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9780		Order quantity of waste toner box	1	1-99	SYS		1	
08	Setting mode	System	Maintenance	Remote-controlled service	Information about supplies	9781		Condition number of waste toner box	1	1-99	SYS		1	
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic supply ordering	9782		Result table printout	1	0-2	SYS	0: OFF 1: Always 2: ON Error	1	
08	Setting Mode	System	Maintenance	Remote-controlled service	Automatic supply ordering	9783		Call /Display function	Refer to contents	0-2	SYS	0: Valid (FAX/Internet FAX) 1: Valid (FAX/Internet FAX/HTTP) 2: Invalid <Default value> NAD: 0 Others: 2	1	Yes
08	Setting mode	System	Maintenance	Remote-controlled service	Automatic supply ordering	9784		Counter notification Remote FAX setting	-	-	SYS	Maximum 32 digits Enter a hyphen with the [MONITOR/PAUSE] button.	11	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting Mode	System	Counter			9787		Suspend when quota is empty	0	0-1	SYS	Sets whether the process is suspended immediately or suspended after the job is completed if quota is used up. 0: Suspended immediately 1: Suspended after the job is finished	1	
08	Setting mode	System	Maintenance			9788		Service call checking period setting	6	0-12	SYS	0: No checking period specified (= Calls service technician immediately) 1: 10 minutes 2: 30 minutes 3: 1 hour 4: 6 hours 5: 12 hours 6: 24 hours 7: 48 hours 8: 7 days 9: 1 month 10: 1 year 11: 5 years 12: Not limited (= Calls service technician if such error has occurred in the past even once or more)	1	
08	Setting mode	System	General			9789		Default repeat count	2	2-8	SYS	Unit: times	1	
08	Setting mode	System	Maintenance	Remote-controlled service		9793		Service Notification setting	0	0-2	SYS	Enables to set up to 3 E-mail addresses to be sent. (08-9794, 9607, 9608) 0: Invalid 1: Valid (E-mail) 2: Valid (FAX)	1	
08	Setting mode	System	Maintenance	Remote-controlled service		9794		Destination E-mail address 1	-	-	SYS	Maximum 192 letters	11	
08	Setting mode	System	Maintenance	Remote-controlled service		9795		Total counter information transmission setting	0	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	Maintenance	Remote-controlled service		9796		Total counter transmission date setting	0	0-31	SYS	0 to 31	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Maintenance	Remote-controlled service		9797		PM counter notification setting	0	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	Network			9798		Temporary communication password setting	99999	-	SYS	Sets a temporary communication password. The password can be entered in alphanumeric characters (A to Z, a to z, 0 to 9) up to 10 digits. The entered password is displayed with "*" on the touch panel and the self-diagnostic lists. (Maximum 10 digits, minimum 5 digits)	11	
08	Setting mode	System	User management	Local authentication		9799		Switchover of mode	0	0-1	SYS	Sets the authentication mode when "0: (Internal authentication)" is selected in the code 08-9293. 0: Card ID differs from the User ID 1: Card ID is the same as the User ID	1	
08	Setting mode	System	Image processing			9804		Forcible mode change in toner empty status	0	0-2	SYS	0: SLEEP MODE 1: AUTO POWER SAVE 2: READY	1	
08	Setting mode	System	Finisher	Interruption of stapling operation (no staple)		9810	0	Copying	1	0-1	SYS	When staple runs out while printing in the stapling mode, sets whether printing is interrupted or printing is continued by switching to sorting. This code is valid only when printing in the stapling mode. However, printing is always interrupted when staple for saddle stitch runs out. 0: Continues printing by switching to sort setting 1: Interrupts printing	4	
08	Setting mode	System	Finisher	Interruption of stapling operation (no staple)		9810	1	Printing / BOX printing	0	0-1	SYS	When staple runs out while printing in the stapling mode, sets whether printing is interrupted or printing is continued by switching to sorting. This code is valid only when printing in the stapling mode. However, printing is always interrupted when staple for saddle stitch runs out. 0: Continues printing by switching to sort setting 1: Interrupts printing	4	
08	Setting mode	System	Finisher	Stapling setting: Maximum number of sheets acceptable exceeding upper limit	Long size	9811	0	Plain/Recycled	0	-50-50	SYS	-50 to 50	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Finisher	Stapling setting: Maximum number of sheets acceptable exceeding upper limit	Long size	9811	1	Thick1	0	-50-50	SYS	-50 to 50	4	
08	Setting mode	System	Finisher	Stapling setting: Maximum number of sheets acceptable exceeding upper limit	Long size	9811	2	Thick2	0	-50-50	SYS	-50 to 50	4	
08	Setting mode	System	Finisher	Stapling setting: Maximum number of sheets acceptable exceeding upper limit	Long size	9811	3	Thick3	0	-50-50	SYS	-50 to 50	4	
08	Setting mode	System	General	Number of output pages for pausing continuous printing for 2nd transfer resistance detection control		9814		At normal temperatures	4	0-100	SYS	When the setting value of this code is "1" or higher, the 2nd transfer resistance detection is performed every time the number of pages of (setting value X 100) have output.	1	
08	Setting mode	System	General	Number of output pages for pausing continuous printing for 2nd transfer resistance detection control		9815		At low temperatures	10	0-100	SYS	When the setting value of this code is "1" or higher, the 2nd transfer resistance detection is performed every time the number of pages of (setting value X 10) have output.	1	
08	Setting mode	System	General			9816		Addition of the page number to the multi-page file name of File	0	0-1	SYS	Only when job is executed with TimeStamp enabled for file storage, page number is added with the format set at 08-9387. 0: Invalid (Page number not added) 1: Valid (Page number added)	1	
08	Setting mode	System	General			9817		Maximum number of decimals in the extension fields	2	0-6	SYS	0 to 6 digits	1	
08	Setting mode	System	General			9818		The default value of the stored/attached file name of a File/Email	0	0-1	SYS	0: DOCYYMMDD1: NetBios name	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	User interface	Off Device Customization Architecture		9819		STAGE SSL	0	0-1	SYS	Sets whether SSL communication is enabled or disabled for remote scanning. 0: Disabled 1: Enabled	1	
08	Setting mode	System	User interface	Off Device Customization Architecture		9820		STAGE I/F	1	0-1	SYS	Sets whether interface is enabled or disabled for remote scanning. 0: Disabled 1: Enabled	1	
08	Setting mode	System	User interface	Off Device Customization Architecture		9821		Port number	49629	0-65535	SYS	Sets a port number for the remote scanning.	1	
08	Setting mode	System	User interface	Off Device Customization Architecture		9822		SSL port number	49630	0-65535	SYS	Sets an SSL port number for remote scanning using SSL communication.	1	
08	Setting mode	System	Network			9823		User name and password at user authentication or "Save as file"	0	0-2	SYS	0: User name and password of the device 1: User name and password at the user authentication (Template registration information comes first when a template is retrieved.) 2: User name and password at the user authentication (User information of the authentication comes first when a template is retrieved.)	1	
08	Setting mode	System	Image			9825		Image quality of the black part in the ACS mode	0	0-1	SYS	0: Black 1: Gray scale	1	
08	Setting mode	System	General	Department management		9829		Limitation setting	0	0-3	SYS	Decide the default limitation setting when the new department code is created. 0: No limit 1: Limited only in the black mode 2: Limited in the color mode 3: Limited in the black/color mode	1	
08	Setting mode	System	Finisher			9847		Hole punching setting	0	0-1	SYS	0: Invalid 1: Valid	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	Display setting		9848		Registration disclosure level setting	1	0-2	SYS	0: Displays no icons 1: ADMIN 2: USER	1	
08	Setting mode	System	General	Remote-controlled service	Automatic ordering function of supplies	9880		Total counter data transmission date 2	0	0-31	SYS	0 to 31	1	
08	Setting mode	System	General	Remote-controlled service	Automatic ordering function of supplies	9881		Day of the total counter data transmission	0	0-127	SYS	1 byte 00000000(0)-01111111(127)From the 2nd bit - Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday	1	
08	Setting mode	System	General	Security	Hardcopy security printing	9883		Enable/Disable setting	0	0-1	SYS	0: Disabled 1: Enabled	1	
08	Setting mode	System	General	Security	Hardcopy security printing	9884		Counting method switchover	0	0-1	SYS	0: Counted as 1 1: Counted as 2	1	
08	Setting mode	System	General			9886		Decimal point indication for Enhanced Scan Template	Refer to contents	0-1	SYS	0: Comma 1: Full stop <Default value> MJD: 0 Others: 1	1	
08	Setting mode	System	General			9888		Permission setting for changing the scan parameter when recalling an extension	0	0-1	SYS	0: Prohibited1: Accepted	1	
08	Setting Mode	System	General	Data cloning		9889		Status display for USB cloning	0	0-1	SYS	0: Accepted 1: Prohibited	2	Yes
08	Setting Mode	System	User interface	Display setting		9891		Warning message when PM time has come	1	0-1	SYS	0: No warning notification 1: Warning notification	1	Yes
08	Setting mode	System	General			9892		Monocolor counting method	0	0-2	SYS	Sets the counting method of fee charging or duplexing count in the Monocolor mode. Department and user counters are not applicable. 0: Mono/Twin Color 1: Black 2: Full Color	1	
08	Setting mode	System	General			9894		Calibration chart charging method	0	0-1	SYS	Decide whether the calibration chart printing is charged or not 0: No charge 1: Charge	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Image	Default value setting	Background peak adjustment	9897		Black	5	1-9	SYS	1: -4 2: -3 3: -2 4: -1 5: 0 6: +1 7: +2 8: +3 9: +4	1	
08	Setting mode	System	Image	Default value setting	Density in the scan mode	9898		Color	6	0-11	SYS	0: Auto 1: -5 2: -4 3: -3 4: -2 5: -1 6: 0 7: +1 8: +2 9: +3 10: +4 11: +5	1	
08	Setting mode	System	Image	Default value setting	Density in the scan mode	9899		Grayscale	6	0-11	SYS	0: Auto 1: -5 2: -4 3: -3 4: -2 5: -1 6: 0 7: +1 8: +2 9: +3 10: +4 11: +5	1	
08	Setting Mode	System	Version	System		9900		System software ROM version	-	-	-	TXXXSY0WXXXX	2	Yes
08	Setting Mode	System	Version	Engine		9901		Engine firmware version	-	-	-	210M-XXX	2	Yes
08	Setting Mode	System	Version	System		9902		Scanner firmware version	-	-	-	212S-XXX	2	Yes
08	Setting Mode	System	Version	Engine		9903		RADF firmware version	-	-	-	DF-XXXX	2	Yes
08	Setting Mode	System	Version	Finisher		9904		Finisher firmware version	-	-	-	FIN-XXX * This code is not supported by LL20/25ppm model.	2	Yes
08	Setting Mode	System	Version	FAX		9905		FAX firmware version	-	-	-	F670-XXX	2	Yes
08	Setting Mode	System	Version	System		9930		System firmware version	-	-	-	TXXXSF0WXXXX	2	Yes
08	Setting mode	System	Network	LDAP authentication		9933		Domain participation confirmation of printing when LDAP authentication is used	1	0-1	SYS	Sets whether domain participation of a client computer for print job authentication is confirmed or not when LDAP is selected as the authentication method for user authentication. This function is enabled only when department management is enabled. 0: Disabled 1: Enabled	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	S-ACS operation setting		9934	0	Copy	1	1-9	SYS	1: The number of contact control: 1 Continuous color control: 1 sheet 2: The number of contact control: 2 Continuous color control: 2 sheets 3: The number of contact control: 3 Continuous color control: 3 sheets 4: The number of contact control: 4 Continuous color control: 4 sheets 5: The number of contact control: 5 Continuous color control: 5 sheets 6: The number of contact control: 6 Continuous color control: 6 sheets 7: The number of contact control: 7 Continuous color control: 7 sheets 8: The number of contact control: 8 Continuous color control: 8 sheets 9: The number of contact control: 9 Continuous color control: 9 sheets	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	S-ACS operation setting		9934	1	Print	1	1-9	SYS	1: The number of contact control: 1 Continuous color control: 1 sheet 2: The number of contact control: 2 Continuous color control: 2 sheets 3: The number of contact control: 3 Continuous color control: 3 sheets 4: The number of contact control: 4 Continuous color control: 4 sheets 5: The number of contact control: 5 Continuous color control: 5 sheets 6: The number of contact control: 6 Continuous color control: 6 sheets 7: The number of contact control: 7 Continuous color control: 7 sheets 8: The number of contact control: 8 Continuous color control: 8 sheets 9: The number of contact control: 9 Continuous color control: 9 sheets	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	General	S-ACS operation setting		9934	2	Box, Others	1	1-9	SYS	1: The number of contact control: 1 Continuous color control: 1 sheet 2: The number of contact control: 2 Continuous color control: 2 sheets 3: The number of contact control: 3 Continuous color control: 3 sheets 4: The number of contact control: 4 Continuous color control: 4 sheets 5: The number of contact control: 5 Continuous color control: 5 sheets 6: The number of contact control: 6 Continuous color control: 6 sheets 7: The number of contact control: 7 Continuous color control: 7 sheets 8: The number of contact control: 8 Continuous color control: 8 sheets 9: The number of contact control: 9 Continuous color control: 9 sheets	4	
08	Setting mode	System	Finisher	Stapling setting Acceptable number of sheets exceeding upper limit	Short size	9937	0	Plain/Recycled	0	-100-100	SYS	-100 to 100	4	
08	Setting mode	System	Finisher	Stapling setting Acceptable number of sheets exceeding upper limit	Short size	9937	1	Thick1	0	-100-100	SYS	-100 to 100	4	
08	Setting mode	System	Finisher	Stapling setting Acceptable number of sheets exceeding upper limit	Short size	9937	2	Thick2	0	-100-100	SYS	-100 to 100	4	
08	Setting mode	System	Finisher	Stapling setting Acceptable number of sheets exceeding upper limit	Short size	9937	3	Thick3	0	-100-100	SYS	-100 to 100	4	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Finisher	Stapling setting Acceptable number of sheets exceeding upper limit	Saddle stitch	9938	0	Plain/Recycled	0	-15-15	SYS	-15 to 15	4	
08	Setting mode	System	Finisher	Stapling setting Acceptable number of sheets exceeding upper limit	Saddle stitch	9938	1	Thick1	0	-15-15	SYS	-15 to 15	4	
08	Setting mode	System	Finisher	Stapling setting Acceptable number of sheets exceeding upper limit	Saddle stitch	9938	2	Thick2	0	-15-15	SYS	-15 to 15	4	
08	Setting mode	System	Finisher	Stapling setting Acceptable number of sheets exceeding upper limit	Saddle stitch	9938	3	Thick3	0	-15-15	SYS	-15 to 15	4	
08	Setting Mode	System	Version	Engine		9940		PFC firmware version	-	-	-	210F-XXX	2	Yes
08	Setting Mode	System	Version	Finisher		9944		Punch firmware version	-	-	-	PUN-XXX * This code is not supported by LL20/25ppm model.	2	Yes
08	Setting Mode	System	Network	E-mail		9946		Number of Email transmission retries	3	0-14	SYS	0 to 14 times	1	Yes
08	Setting Mode	System	Network	E-mail		9947		E-mail transmission retry interval	1	0-15	SYS	0 to 15 min.	1	Yes
08	Setting mode	System	General			9954		Counter / job list printing operation	0	0-1	SYS	0: Invalid 1: Valid	1	
08	Setting mode	System	User interface			9955		Name of [EXTENSION] button	EXTENSION	-	SYS	Sets the name of " EXTENSION" button displayed on the MENU screen. Maximum 10 characters with alphameric characters and symbols.	11	
08	Setting mode	System	Network	E-mail		9958		Bcc address display ON/OFF setting (Job Log / Job Status)	0	0-1	SYS	Sets whether the Bcc address is displayed or not on the Job Log or Job Status when "1: To/Bcc" is selected in the code 08-9957. 0: OFF (Bcc address not displayed) 1: ON (Bcc address displayed)	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	E-mail		9959		Bcc address display ON/OFF setting (Job Notification)	1	0-1	SYS	Sets whether the Bcc address is displayed or not on all the Job Notifications except for the administrator when "1: To/Bcc" is selected in the code 08-9957. 0: OFF (Bcc address not displayed) 1: ON (Bcc address displayed)	1	
08	Setting Mode	System	Maintenance			9960		Display of equipment information (SRAM)	Refer to contents	0-2	SYS	Displays the equipment information in SRAM. 0: Not set 1: Destinations other than NAD 2: NAD <Default value> NAD: 2 Others: 1	2	
08	Setting Mode	System	User interface			9963		Display of receiving job on JOB STATUS screen	0	0-1	SYS	This setting is automatically disabled in the high security mode. 0: Disabled 1: Enabled	1	
08	Setting Mode	System	User interface	Default mode setting	Default setting (PPC)	9970		Original mode (Black)	0	0-4	SYS	0: Text/Photo 1: Text 2: Photo 3: Gray Scale 4: User custom mode	1	Yes
08	Setting mode	System	General	Default setting	Image quality density	9971		PPC (black)	0	0-1	SYS	0: Auto 1: Manual	1	
08	Setting mode	System	General	Default setting	Blank page judgment: Default setting	9972		PPC	0	-3-3	SYS	The larger the value, the more the paper is judged as a blank page. The smaller the value, the less the paper is judged as a blank page.	1	
08	Setting mode	System	User interface	Default setting	Blank page judgment: Default setting	9973		SCN	0	-3-3	SYS	The larger the value, the more the paper is judged as a blank page. The smaller the value, the less the paper is judged as a blank page.	1	
08	Setting mode	System	User interface	Default setting	ACS judgment adjustment: Default setting	9974		PPC	2	-3-3	SYS	The larger the value, the more the original is judged as color data. The smaller the value, the less the original is judged as black data.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	User interface	Default setting	ACS judgment adjustment: Default setting	9975		SCN	2	-3-3	SYS	The larger the value, the more the original is judged as color data. The smaller the value, the less the original is judged as black data.	1	
08	Setting Mode	System	User interface	Default mode setting	Default setting (PPC)	9976		Original mode (Color)	0	0-6	SYS	0: Text/Photo 1: Text 2: Printed image 3: Photo 4: Map 5: Custom 6: Reproduction of red seal color	1	Yes
08	Setting mode	System	User interface	Default setting	ACS original mode	9977		PPC	0	0-2	SYS	0: Text/Photo 1: Text 2: Printed image	1	
08	Setting mode	System	User interface	Default setting	Image quality density	9978		ACS/PPC (full color)	1	0-1	SYS	0: Auto 1: Manual	1	
08	Setting Mode	System	User interface	Default mode setting	Default setting (PPC)	9979		Color mode	2	0-2	SYS	0: Auto color 1: Black 2: Full color When the value of the code 08-9116 is "1: Enabled", "1: Black" is automatically set for this code and "0: ACS" and "2: Full color" become unselectable.	1	Yes
08	Setting mode	System	Network	Email		9980		Receiver's address fixing function at authentication	0	0-4	SYS	Sets address of TO/CC/BCC when the user authentication and E-mail authentication are enabled. When the value of this code is set to "1", the address specified as From Address is input to TO destination field. TO/CC/BCC field cannot be edited. When the value of this code is set to "2 to 4", the address specified as From Address is input to each field. TO/CC/BCC field can be edited by pressing the TO/CC/BCC button. 0: Disabled 1: Fixed to TO field. 2: Added to TO field. 3: Added to CC field. 4: Added to BCC field.	1	

05/08	Mode	Element	Sub element	Item	Subitem	Code	Sub-code	Details	Default value	Acceptable value	RAM	Contents	Procedure	Service UI
08	Setting mode	System	Network	Email		9981		Sending body text of email	1	0-1	SYS	Sets whether the job information is output in the body of e-mail when executing e-mail send job. 0: Disabled 1: Enabled	1	
08	Setting mode	System	User interface			9982		Switch of display attribute of [EXTENSION] icon	0	0-1	SYS	0: Touch is invalid when authentication is not completed. 1: Touch is valid when authentication is not completed.	1	
08	Setting Mode	System	User interface			9984		Document or file name display form for the PRINT screen, JOB STATUS screen, Job Status tab and Logs tab	0	0-1	SYS	0: Displays with the document or file name 1: Does not display the document or file name	1	
08	Setting Mode	System	User interface			9985		Screen displayed by pressing MENU button	0	0-1	SYS	0: MENU screen 1: EWB screen	1	
08	Setting Mode	System	Fax			9987		Retention of fax sending settings	0	0-3	SYS	Sets whether the fax sending settings are retained or not. 0: Clears all settings (The authentication screen is displayed if user authentication or department management is enabled.) 1: Clears all 2: Clears only addresses 3: Retains all settings	1	