

MP140 / MP150 / MP160 / MP170 / MP180 / MP190 / MP210 / MP220 / MP240 / MP250 / MP260 / MP270 / MP280 / MP 282 / MP450 / MP460 / MP480 / MP490 / MP500 / MP510 / MP520 / MP530 / MP540 / MP560 / MP600 / MG5120 / MG5140 / MG5150 / MG5170 / MG5180 / MG5210 / MG5220 / MG5230 / MG5240 / MG5250 / MG5270 / MG5280 / MG6110 / MG6120 / MG6130 / MG6140 / MG6150 / MG6170 / MG6180 / MG8110 / MG8120 / MG8130 / MG8140 / MG8150 / MG8170 / MG8180 / MX300 / MX310 / MX320 / MX330 / MX340 / MX350 / MX360 / MX410 / MX420 / MX700 / MX850 / MX860 / MX870 / MX880 / MX7600

error code	user flash	servic e flash	E no.:	P No.:	U no.:	error	message	solution	parts faulty	user fixing	service fixing
<b>User errors</b>											
1000	2		E2	P02	-	No paper in the rear tray.	Rear tray. There is no paper. Load paper and press [OK].	Confirm that the rear tray is selected as the paper source. Set the paper in the rear tray, and press the OK button. If the error is not cleared, confirm that no foreign material is inside the paper feed slot	- PE sensor board ass'y - ASF unit - Pressure roller ass'y	x	x
1000	2		E02	-	-	No paper in the rear tray.	Rear tray. There is no paper. Load paper and press [OK].	Confirm that the rear tray is selected as the paper source. Set the paper in the rear tray, and press the OK button. If the error is not cleared, confirm that no foreign material is inside the paper feed slot	- PE sensor board ass'y - ASF unit - Pressure roller ass'y	x	x
1001	x				-	There is no disc tray. Set the tray and press [OK].	There is no CD-R tray. Attach the tray and press [OK].	Set the disc tray, and press the OK button. If the error is not cleared, confirm that the disc tray is not cracked or damaged.	- CDR tray ass'y - Carriage unit	x	x
1002	x				-	No printable disc*	There is no disc tray. Set the tray and press [OK].	Set the disc tray, and press the OK button. If the error is not cleared, confirm that the disc tray is not cracked or damaged.	- CDR tray ass'y - Carriage unit	x	x
1003	x				-	No paper in the cassette.	There is no disc tray. Set the tray and press [OK].	Set the disc tray, and press the OK button. If the error is not cleared, confirm that the disc tray is not cracked or damaged.	- Pick-up arm unit - Pressure roller ass'y - Cassette unit	x	x
1250	x				-	Front door close error	Paper output tray is closed. Open the paper output tray.	Open the paper output tray, and press the OK button.		x	
1251	x				-	The paper output tray closed.	Paper output tray is closed. Open the paper output tray.	Open the paper output tray, and press the OK button.		x	

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1300	3		E3		-	Paper jam.	Printable disc is not set. Place a disc on the disc tray and press [OK].	Set a printable disc in the disc tray, and insert the disc tray in the proper position. Then, press the OK button. If the error is not cleared, re-set the printable disc In.	- CDR tray ass'y - Carriage unit	x	x
1303	x				-	Paper jam in the rear guide.	The paper is jammed. Clear the paper and press [OK].	Remove the jammed paper and press the OK button. For paper jam in the rear guide, confirm that the rear guide is not dislocated.	- Pick-up arm unit - ASF unit - Pressure roller ass'y - Cassette unit - Rear guide unit	x	x
1304	x				-	Paper jam in the under guide.	The paper is jammed. Clear the paper and press [OK].	Remove the jammed paper and press the OK button. For paper jam in the rear guide, confirm that the rear guide is not dislocated.	- Pick-up arm unit - ASF unit - Pressure roller ass'y - Cassette unit - Rear guide unit	x	x
1310	x				-	Automatic duplex printing cannot be performed.	This paper is not compatible with two-sided printing. Remove the paper and press [OK].	The paper length is not supported for duplex printing. Press the OK button to eject the paper being used at error occurrence. Data which was to be printed on the back side of paper at error occurrence is skipped (not printed).	- Duplex paper feed roller unit - PE sensor board ass'y		x
1401	5		E5		U051	Faulty print head ID.	The type of print head is incorrect. Install the correct print head.	Re-set the print head. If the error is not cleared, the print head may be defective. Replace the print head. If the error still occurs, confirm that the print head contact pins of the carriage are not bent.	- Print head - Carriage unit		x
1401	x		E5		U051	Print head not installed, or not properly installed.	Print head is not installed. Install the print head / check ink	Install the print head properly. If the error is not cleared, confirm that the print head contact pins of the carriage are not bent.	- Print head - Carriage unit		x
1403	x		E5		U052	Print head temperature sensor error.	The type of print head is incorrect. Install the correct print head / cooling head	Re-set the print head. If the error is not cleared, the print head may be defective. Replace the print head. If the error still occurs, confirm that the print head contact pins of the carriage are not bent.	- Print head - Carriage unit		x

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1405	x				U052	Faulty EEPROM data of the print head.	The type of print head is incorrect. Install the correct print head / cooling head	Re-set the print head. If the error is not cleared, the print head may be defective. Replace the print head. If the error still occurs, confirm that the print head contact pins of the carriage are not bent.	- Print head - Carriage unit		x
1410	15		E15		U150	Ink tank not recognized.	(Applicable ink tank icon) The remaining level of the ink cannot be correctly detected. Replace the ink tank.	A hardware error occurred in an ink tank (the ink tank LED is turned off). Replace the ink tank(s).	- Ink tank	x	
1485	5		E5		U052	Faulty print head ID. Non-supported ink cartridge is installed	The type of print head is incorrect. Install the correct print head / cooling head	Re-set the print head. If the error is not cleared, the print head may be defective. Replace the print head. If the error still occurs, confirm that the print head contact pins of the carriage are not bent.	- Print head - Carriage unit		x
1486	x		E7		U076	Ink tank in a wrong position.	Some ink tanks are not installed in place / check ink	Install the ink tank(s) in the correct position.	- Ink tank	x	
1487	x				U071	Multiple ink tanks of the same color installed.	More than one ink tank of the following color is installed.	Replace the wrong ink tank(s) with the correct one(s).	- Ink tank	x	
1600	4		E4		U041	Ink may have run out.	The ink may have run out. Replacing the ink tank is recommended.	Replace the applicable ink tank, or press the Stop button to clear the error without ink tank replacement. When the error is cleared by pressing the Stop button, ink may run out during printing.	- Spur unit	x	x
1660	x		E04		U043	Ink tank not installed.	The following ink tank cannot be recognized. (Applicable ink tank icon)	Install the applicable ink tank(s) properly, and confirm that the LED's of all the ink tanks light red.	- Ink tank - Carriage unit	x	x
1680	x		E07		U072	Ink tank in a wrong position.	Some ink tanks are not installed in place.	Install the ink tank(s) in the correct position.	- Ink tank	x	
1681	x				U071	Multiple ink tanks of the same color installed.	More than one ink tank of the following color is installed.	Replace the wrong ink tank(s) with the correct one(s).	- Ink tank	x	

error code	user flash	service flash	E no.:	P No.:	U no.:	error	message	solution	parts faulty	user fixing	service fixing
1682	15		E15		U150	Ink tank not recognized.	(Applicable ink tank icon) The remaining level of the ink cannot be correctly detected. Replace the ink tank.	A hardware error occurred in an ink tank (the ink tank LED is turned off). Replace the ink tank(s).	- Ink tank	x	
1683	x		E13		U130	The remaining ink amount unknown (raw ink present).	(Applicable ink tank icon) The remaining level of the ink cannot be correctly detected. Replace the ink tank.	An ink tank which has once been empty is installed. Replace the applicable ink tank with a new one. Printing with a once-empty ink tank can damage the machine. To continue printing without replacing the ink tank(s), press the Stop button for 5 sec. or longer to disable the function to detect the remaining ink amount. After the operation, it is recorded in the machine EEPROM that the function to detect the remaining ink amount was disabled.	- Ink tank - Spur unit	x	
1684	14		E14		U140	The remaining ink amount unknown (raw ink present).	(Applicable ink tank icon) The remaining level of the ink cannot be correctly detected. Replace the ink tank.	An ink tank which has once been empty is installed. Replace the applicable ink tank with a new one. Printing with a once-empty ink tank can damage the machine. To continue printing without replacing the ink tank(s), press the Stop button for 5 sec. or longer to disable the function to detect the remaining ink amount. After the operation, it is recorded in the machine EEPROM that the function to detect the remaining ink amount was disabled.	- Ink tank - Spur unit	x	
1685	16		E16			Ink tank not recognized.	(Applicable ink tank icon) The remaining level of the ink cannot be correctly detected. Replace the ink tank.	A hardware error occurred in an ink tank (the ink tank LED is turned off). Replace the ink tank(s).	- Ink tank	x	

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1686	16		E16		U162	Ink tank not recognized.	(Applicable ink tank icon) The remaining level of the ink cannot be correctly detected. Replace the ink tank.	A hardware error occurred in an ink tank (the ink tank LED is turned off). Replace the ink tank(s).	- Ink tank	x	
1686			E05		U161	Ink tank not installed.	The following ink tank cannot be recognized. (Applicable ink tank icon)	Install the applicable ink tank(s) properly, and confirm that the LED's of all the ink tanks light red.	- Ink tank - Carriage unit	x	x
1687	5		E5		U053	Faulty print head ID.	The type of print head is incorrect. Install the correct print head.	Re-set the print head. If the error is not cleared, the print head may be defective. Replace the print head. If the error still occurs, confirm that the print head contact pins of the carriage are not bent.	- Print head - Carriage unit		x
1688	x				U163	No ink (no raw ink).	The ink has run out. Replace the ink tank. (Applicable ink tank icon)	Replace the empty ink tank(s), and close the scanning unit (cover). Printing with an empty ink tank can damage the machine. To continue printing without replacing the ink tank(s), press the Stop button for 5 sec. or longer to disable the function to detect the remaining ink amount. After the operation, it is recorded in the machine that the function to detect the remaining ink amount was disabled.	- Ink tank - Spur unit	x	
1692	x				U045	No Clear ink.	The clear ink tank is empty.	Replace the Clear ink tank with a new one, or press the OK button to continue printing without Clear ink tank replacement. However, when Clear ink is completely used up, no further printing on plain paper can be performed unless the empty Clear ink tank is replaced with a new one.	- Ink tank - Spur unit	x	x

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1693	x				U165	No Clear ink at all.	The clear ink tank has run out	Replace the Clear ink tank with a new one, or press the OK button to continue printing without Clear ink tank replacement. However, when Clear ink is completely used up, no further printing on plain paper can be performed unless the empty Clear ink tank is replaced with a new one.	- Ink tank - Spur unit	x	x
1694	x				U166	No Clear ink at all and the error cannot be cleared.	The ink has run out. Stop printing, then replace the ink tank.	If the Clear ink is completely used up when the machine is forcibly turned off, such as by disconnecting the power cord before the machine is turned off by the ON/OFF button, the error may not be cleared. Replace the Clear ink tank with a new one.	- Ink tank - Spur unit	x	x
1699	x				U182	Unknown ink.	The ink has run out. Stop printing, then replace the ink tank.	The PGI-9PBK, PGI-9Y, PGI-9M, or PGI-9C ink is detected to be used up (the applicable ink tank LED flashes). Stop printing, replace the ink tank, then resume printing. The ink tank must be replaced before resuming printing. An ink tank which has once been empty is installed. Printing with a once-empty ink tank can cause faulty amount. After the operation, it is recorded in the machine that the function to detect the remaining ink amount was disabled.	- Ink tank - Spur unit	x	x
1700	8		E8	-		Warning: The ink absorber becomes almost full.	The ink absorber is almost full. Press [OK] to continue printing. Contact the service center for replacement.	Replace the ink absorber, and reset its counter. See 2-2. Adjustment and Settings in Service Mode for details. Pressing the OK button will exit the error, and enable printing without replacing the ink absorber. However, when the ink absorber becomes full, no further printing can be performed unless the applicable ink absorber is replaced.			x

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1701	8		E08	-		Warning: The ink absorber becomes almost full.	The ink absorber is almost full. Press [OK] to continue printing. Contact the service center for replacement.	Replace the ink absorber, and reset its counter. See 2-2. Adjustment and Settings in Service Mode for details. Pressing the OK button will exit the error, and enable printing without replacing the ink absorber. However, when the ink absorber becomes full, no further printing can be performed unless the applicable ink absorber is replaced.	- Absorber kit		x
1830	x		E03	-		Inner cover error	Timeout error has occurred.	A prescribed period of time (12 minutes) has elapsed without the disc tray inserted since the message appears to indicate that the machine was preparing for		x	x
1841	x			-		Inner cover error	Inner cover is open. close the inner cover and press [OK].	Close the inner cover, and press the OK button. If the error is not cleared, examine that the inner cover sensor is properly installed.	- Spur unit - Inner cover unit	x	x
1846	x			-		Inner cover error	Inner cover is open. close the inner cover and press [OK].	Close the inner cover, and press the OK button. If the error is not cleared, examine that the inner cover sensor is properly installed.	- Spur unit - Inner cover unit	x	x
1850	x			-		Inner cover error	Open the inner cover, set the disc	Open the inner cover, set the disc tray, and press	- Spur unit - Inner cover unit	x	x
1851	x			-		Inner cover error	Inner cover is open. close the inner cover and press [OK].	Close the inner cover, and press the OK button. If the error is not cleared, examine that the inner cover sensor is properly installed.	- Spur unit - Inner cover unit	x	x
1855	x			-		Inner cover error	Open the inner cover, set the disc	Open the inner cover, set the disc tray, and press	- Spur unit - Inner cover unit	x	x
1856	x			-		Inner cover error	Inner cover is open. close the inner cover and press [OK].	Close the inner cover, and press the OK button. If the error is not cleared, examine that the inner cover sensor is properly installed.	- Spur unit - Inner cover unit	x	x

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2001	9		E9		-	The connected digital camera or digital video camera does not support Camera Direct Printing.	Incompatible device detected. Remove the device.	Remove the cable between the camera and the machine.		x	
2002	x				-	Non-supported hub.	An unsupported USB hub is connected. Remove the hub.	Remove the applicable USB hub from the PictBridge (USB) connector.		x	
2500	x		E19		-	Failed in automatic print head alignment.	Auto head align has failed. Press [OK] and repeat operation. <See manual>	Press the OK button to clear the error, then perform the automatic print head alignment again. (Use Matte Photo Paper MP-101.) If the alignment pattern the print head alignment again.	- Carriage unit - Print head - Purge drive system unit	x	x
2600	x					Dirty paper feed roller.	The transport unit may not be clean. Perform sheet cleaning. <See manual>	When the time to perform periodic cleaning of the paper feed rollers comes, the message is displayed for several seconds during printing.	- Carriage unit - Print head - Purge drive system unit	x	x
2800	x				-	Document cover not closed.	The feeder cover is open. Close cover and press [OK].	Close the document cover, and press the OK button.	- DF unit - DF switch unit	x	x
2801	x				-	Paper jam in the ADF	Document in ADF. Redo operation after checking document in ADF and pressing [OK].	Remove the jammed paper from the ADF, press the OK button, then perform the operation again.	- Document upper guide unit	x	x
2802	x				-	No paper in the ADF	Document in ADF. Redo operation after checking document in ADF and pressing [OK].	No document in ADF. Press [OK] and redo operation after setting document.	- Document upper guide unit	x	x
2803	x				-	The paper in the ADF is too long.	Document is too long. Press [OK] and redo operation.	Press the OK button, and perform the operation again.	- Document upper guide unit	x	x
2804	x				-	Duplex printing not available with the paper in the ADF.	Document size not suitable for twosided scanning. Press [OK] to cancel operation and discharge document.	Remove the paper from the ADF, and press the OK button.	- DF unit	x	x

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4100	x				-	Premium Contents print error.	Cannot print the data. error.	Install the supported (Canon-genuine) ink tanks.	- Ink tank	x	x
<b>Service errors</b>											
5100		02	E22	P02		Carriage error		(1) Smearing or scratches on the carriage slit film: -> Clean the film using lint-free paper. (2) Foreign material that obstructs the carriage movement: -> Remove foreign material. (3) Ink tank conditions: (5) Scratches or damages to the carriage slit film: -> Replace the timing slit strip film. (6) Black debris around the carriage rail or pressure roller: -> Replace the carriage unit.	- Timing slit strip film - Carriage unit - Logic board ass'y - Carriage motor		x
6000		03	E23	P03	-	Line feed error		(1) Opening and closing of the paper output tray: -> Remove obstacles from around the paper output tray so that the tray opens and closes properly. (2) Smearing or scratches on the LF / EJ slit film: (4) Cable connection: -> Re-connect the cables. (5) LF lock arm spring: -> Attach the spring properly. If it is scratched or damaged, replace it.	- Timing slit disk feed film - Timing sensor unit - Paper feed roller unit - Logic board ass'y - Paper feed motor		x
5C00		04	E24			Purge cam sensor error		(1) Foreign material around the purge drive system unit: -> Remove foreign material. (2) Cable connection: - Logic board J702 connector -> Re-connect the cable. (3) Strange sound at power-on:	- Purge drive system unit - Logic board ass'y		x
5700		05	E25	P05		ASF (cam) sensor error		1) Foreign material in the drive gear on the side of the drive unit: Remove foreign material. 2) Part replacement: - Drive unit - Logic board	- ASF unit - PE sensor board ass'y - Logic board ass'y		x
5400		06	E26	P06		Internal temperature error		(1) Cable connection: - Between the spur unit and the logic board, J703 connector, etc. -> Re-connect the cable.	- Spur unit - Logic board ass'y - Print head		x
5B00		07	E27	P07		Ink absorber full		(1) Ink absorber condition: -> Replace the ink absorber, and reset the ink absorber counter value in the EEPROM.	- Absorber kit		x

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5B01		07		P07		Ink absorber full		(1) Ink absorber condition: -> Replace the ink absorber, and reset the ink absorber counter value in the EEPROM.	- Absorber kit		x
5250		07		P07		No wetting liquid	The wetting liquid is used up.	(1) Ink absorber condition: -> Replace the ink absorber, and reset the ink absorber counter value in the EEPROM.	- Blade cleaner unit		x
5200		08	E28	P08		Print head temperature rise error		(1) Print head condition (face surface and mold): -> If a burn mark or heat deformation is seen on the face surface or the mold, replace the print head. (2) Head contact pin condition of the carriage unit: -> Re-connect the cable. If any damage or breakage of the cable is found, replace the carriage unit. (3) Cable connection: - CR FFC (J500, J501, J502) -> Re-connect the cable. If any damage or breakage of the cable is found, replace the carriage unit.	- Print head - Carriage unit - Logic Board Assy		x
B300		08				Reactor error	A hardware error in supply of the reactor liquid.	Replace Valve unit / Sheet feed unit	- Valve unit - Sheet feed unit		x
6800		09	E29	P09		EEPROM error	liquid.	(1) Part replacement: -> Replace the logic board ass'y.	- Logic board ass'y		x
6801		09	E29	P09		EEPROM error		(1) Part replacement: -> Replace the logic board ass'y.	- Logic board ass'y		x
B200		10		P10		VH monitor error, print head voltage is abnormal	The internal temperature exceeded the specified value.	(1) Print head condition (face surface and mold): -> If a burn mark or heat deformation is seen on the face surface or the mold, replace the print head and the logic board in set. (Be sure to replace them at the same time.) print head and the logic board in set. (Be sure to replace them at the same time.) (3) Head contact pin condition of the carriage unit: -> If the pin is bent or deformed, replace the carriage unit.	- Print head and logic board ass'y (replace them at the same time) - AC adapter - Carriage unit		x

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5110		11				Carriage lift mechanism error	The carriage did not move up or down properly.	(1) Foreign material that obstructs the carriage movement: -> Remove foreign material.	- Switch system unit - Carriage unit		x
6A00		12	E32			APP position error	An error occurred in the AP motor during purging operation.	(1) Cap absorber and wiper blade of the purge drive system unit: -> If the cap absorber contacts the wiper blade, lower the cap absorber so that it will not contact the wiper blade. (2) Foreign material around the purge drive -> Confirm that the absorber stays in place and does not contact the unit. (4) Foreign material around the ASF unit: -> Remove foreign material.	- Purge drive system unit - Logic board ass'y		x
6A80		12				APP position error	An error occurred in the APP motor	(1) Cap absorber and wiper blade of the purge drive system unit: -> If the cap absorber contacts the wiper blade, lower the cap absorber so that it will not contact the wiper blade. (2) Foreign material around the purge drive -> Confirm that the absorber stays in place and does not contact the unit. (4) Foreign material around the ASF unit: -> Remove foreign material.	- Purge drive system unit - Logic board ass'y		x
6A81		12				APP position error during initial purging	An error occurred in the APP motor	(1) Cap absorber and wiper blade of the purge drive system unit: -> If the cap absorber contacts the wiper blade, lower the cap absorber so that it will not contact the wiper blade. (2) Foreign material around the purge drive -> Confirm that the absorber stays in place and does not contact the unit. (4) Foreign material around the ASF unit: -> Remove foreign material.	- Purge drive system unit - Logic board ass'y		x

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6B00		13	E33			APP sensor error	An error occurred in the paper feed motor during line feeding.	(1) Cap absorber and wiper blade of the purge drive system unit: -> If the cap absorber contacts the wiper blade, lower the cap absorber so that it will not contact the wiper blade. (2) Foreign material around the purge drive -> Confirm that the absorber stays in place and does not contact the unit. (4) Foreign material around the ASF unit: -> Remove foreign material.	- Purge drive system unit - Logic board ass'y - sheet feed unit		x
B310		13				PF / RR position error	An error occurred in the paper feed motor during line feeding.		- Sheet feed unit - Logic board		
6A90		14				APP sensor error	An error occurred during paper feeding or purging.	(1) Cap absorber and wiper blade of the purge drive system unit: -> If the cap absorber contacts the wiper blade, lower the cap absorber so that it will not contact the wiper blade. (2) Foreign material around the purge drive -> Confirm that the absorber stays in place and does not contact the unit. (4) Foreign material around the ASF unit: -> Remove foreign material.	- Purge drive system unit - Logic board ass'y		x
6B10		14				Paper feed cam sensor error	An error occurred in the paper feed cam sensor during paper feeding from the cassette, or the paper absorbing a large amount of ink jammed in the PF rear guide.	(1) Ink absorber counter value: -> If the value exceeds 60%, replace the ink absorber. Follow the Guideline for Preventive□ Replacement of the Ink Absorber. (2) Jammed paper in the under guide: -> Remove the jammed paper.	- Pick-up arm unit - Duplex paper feed roller unit		x
9000		15	E35	P15		USB host Vbus overcurrent	The USB host Vbus overloaded.	(1) Part replacement: -> Replace the logic board ass'y.	- Logic board ass'y		x
5C20		16				Pump roller sensor error	The pump roller position cannot be detected.	(1) Cable connection: -> Re-connect the cable.	- Purge drive system unit		x
6D00		17	E37			Abnormal motor driver fault		Motor driver fault			x

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6010		17				Paper eject encoder error	An error occurred in the paper eject encoder signal.	(1) Smearing on the LF / EJ slit film: Clean the LF / EJ slit film using lintfree paper. (2) Foreign material in the paper path: Remove foreign material. (3) Cable connection: - LF encoder cable or the timing slit disk eject film.	- Timing slit disk feed film - Timing slit disk eject film - Timing sensor unit - Platen unit		x
6502		19				Ink tank position sensor error		(1) Ink tank position: -> Confirm the ink tanks are installed in the correct slots. (2) Re-set or replacement of ink tanks: -> If the error persists, replace the ink tanks. (3) Cable connection	- Spur unit - Logic board ass'y		x
6500		20	E40	P20		Other hardware errors		(1) Cable connection: -> Re-connect the cable.	- Logic board ass'y - Wireles LAN board ass'y		x
C000		21				Drive switch error		(1) Foreign material in the drive switch area of the purge drive system unit: -> Remove foreign material. (2) Ink tank conditions: -> Confirm that the ink tanks are seated properly and they do not interfere with the carriage movement.	- Purge drive system unit - ASF unit - Carriage unit		x
5000		22				Scanner home position sensor error	An error occurred in the scanner.	(1) Cable connection: - CCD FFC (CN1100) - Scanner motor relay harness ass'y Re-connect the cables.	- Scanner unit - Logic board ass'y		x
5010		22	E42	P22		Scanner error	An error occurred in the scanner.	(1) Cable connection: - J900, J1002, J704 -> Re-connect the cables. (2) Damper condition inside the scanner: -> If the damper winds around the CIS, replace the scanner unit. (3) Scanner belt pulley: sheet, or replace it.	- Scanner unit - Document pressure sheet - Logic board ass'y		x
5011		22				Scanner error	An error occurred in the scanner.	(1) Cable connection: - J900, J1002, J704 -> Re-connect the cables. (2) Damper condition inside the scanner: -> If the damper winds around the CIS, replace the scanner unit. (3) Scanner belt pulley: sheet, or replace it.	- Scanner unit - Document pressure sheet - Logic board ass'y		x
5012		22				Scanner motor error, FB motor error	An error occurred in the scanner.	(1) Cable connection:	- Scanner unit - Logic board ass'y		x

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5020		22				Scanner lock error	Alarm and Power LED's lit	(1) Scanner lock switch: Unlock the switch, and power off and on the machine again. (2) Cable connection: - CCD FFC (CN1100) Re-connect the cables.	- Scanner unit		x
5021		22				Error during scanning operation		(1) Scanner lock switch: Unlock the switch, and power off and on the machine again. (2) Cable connection: - CCD FFC (CN1100) - Lamp harness ass'y	- Scanner unit - Logic board ass'y		x
5030		22				Scanner light source not turned on		(1) Cable connection: - CCD FFC (CN1100) - Lamp harness ass'y Re-connect the cables. (2) Document pressure sheet conditions: Re-attach the document pressure sheet, or replace it.	- Scanner unit - Logic board ass'y		x
5050		22				Scanner electric circuit error		(1) Cable connection: - CIS FFC (CN1100) - Lamp harness ass'y - Scanner motor relay harness ass'y Re-connect the cables.	- Scanner unit		x
6C10		23				Valve cam sensor error		(1) Foreign material around the purge drive system unit: -> Remove foreign material. (2) Cable connection: - J702 connector -> Re-connect the cable.	- Purge drive system unit - Logic board ass'y		x