Warning Detection List

Warning Code	Item	Timing
P-5	AIDC Sensor (Front) failure	• The output from the photoreceiver of the AIDC Sensor that takes a reading of a point of a bare surface on the Transfer Belt is 4.5 V or more during an adjustment of the AIDC Sensor. • The output from the photoreceiver of the AIDC Sensor that takes a reading of a point in a toner pattern on the Transfer Belt is 1.0 V or less after the adjustment has been completed.
P-6	Cyan IU failure	All density readings taken from the density pattern produced on the Transfer Belt are 0.4 V (AIDC Sensor photoreceiver output) or less during max. density adjustment (Vg/Vb adjustment)
P-7	Magenta IU failure	
P-8	Yellow IU failure	
P-9	Black IU failure	
P-21	Color Shift Test Pattern failure	• The number of points detected in the CD direction is more or less than the specified value during CD registration correction. • The number of points detected in the FD direction is more or less than the specified value during FD registration correction.
P-22	Color Shift Adjust failure	• The color shift amount is greater than the specified range during CD registration correction. • The color shift amount is greater than the specified range during FD registration correction. • The skew correction amount is greater than the specified value.
P-23	ATVC(C) failure	An abnormal average value is detected during an adjustment of the first image transfer ATVC value of each color.
P-24	ATVC(M) failure	
P-25	ATVC(Y) failure	
P-26	ATVC(Bk) failure	
P-27	ATVC(2nd) failure	An abnormal average value is detected during an adjustment of the second image transfer ATVC value.
P-28	AIDC Sensor (Back) failure	• The output from the photoreceiver of the AIDC Sensor that takes a reading of a point of a bare surface on the Transfer Belt is 4.5 V or more during an adjustment of the AIDC Sensor. • The output from the photoreceiver of the AIDC Sensor that takes a reading of a point in a toner pattern on the Transfer Belt is 1.0 V or less after the adjustment has been completed.

Trouble Code List

Malfunction Code	Item	Timing
C0000	Main Motor's failure to turn	The Main Motor Lock signal remains HIGH for a predetermined continuous period of time while the Main Motor is turning.
C0001	Main Motor Turning at abnormal timing	The Main Motor Lock signal remains LOW for a predetermined continuous period of time while the Main Motor remains stationary.
C0010	Imaging Unit Motor C's failure to turn	The Imaging Unit Motor C Lock signal remains HIGH for a predetermined continuous period of time while the Imaging Unit Motor C is turning.
C0011	Imaging Unit C turning at abnormal timing	The Imaging Unit Motor C Lock signal remains LOW for a predetermined continuous period of time while the Imaging Unit Motor C remains stationary.
C0012	Imaging Unit Motor M's failure to turn	The Imaging Unit Motor M Lock signal remains HIGH for a predetermined continuous period of time while the Imaging Unit Motor M is turning.
C0013	Imaging Unit M turning at abnormal timing	The Imaging Unit Motor M Lock signal remains LOW for a predetermined continuous period of time while the Imaging Unit Motor M remains stationary.
C0014	Imaging Unit Motor Y's failure to turn	The Imaging Unit Motor Y Lock signal remains HIGH for a predetermined continuous period of time while the Imaging Unit Motor Y is turning.
C0015	Imaging Unit Y turning at abnormal timing	The Imaging Unit Motor Y Lock signal remains LOW for a predetermined continuous period of time while the Imaging Unit Motor Y remains stationary.
C0016	Imaging Unit Motor Bk's failure to turn	The Imaging Unit Motor Bk Lock signal remains HIGH for a predetermined continuous period of time while the Imaging Unit Motor Bk is turning.
C0017	Imaging Unit Bk turning at abnormal timing	The Imaging Unit Motor Bk Lock signal remains LOW for a predetermined continuous period of time while the Imaging Unit Motor Bk remains stationary.
C0040	Suction Fan Motor's failure to turn	The Fan Lock signal remains HIGH for a predetermined continuous period of time while the Suction Fan Motor is turning.
C0043	Cooling Fan Motor 1's failure to turn	The Fan Lock signal remains HIGH for a predetermined continuous period of time while the Cooling Fan Motor 1 is turning.
C0044	Cooling Fan Motor 3's failure to turn	The Fan Lock signal remains HIGH for a predetermined continuous period of time while the Cooling Fan Motor 3 is turning.
C0045	Cooling Fan Motor 4/5's failure to turn	The Fan Lock signal remains HIGH for a predetermined continuous period of time while the Cooling Fan Motor 4/5 is turning.
C0046	Fusing Cooling Fan Motor's failure to turn	The Fan Lock signal remains HIGH for a predetermined continuous period of time while the Fusing Cooling Fan Motor is turning.

C004C	Ozone Ventilation Fan Motor's failure to turn	The Fan Lock signal remains HIGH for a predetermined continuous period of time while the Ozone Ventilation Fan Motor is turning.
C004E	Power Supply Cooling Fan Motor's failure to turn	The Fan Lock signal remains HIGH for a predetermined continuous period of time while the Power Supply Cooling Fan Motor is turning.
C004F	Cooling Fan Motor 2's failure to turn	The Fan Lock signal remains HIGH for a predetermined continuous period of time while the Cooling Fan Motor 2 is turning.
C0060	Fusing Drive Motor's failure to turn	The Fusing Drive Motor Lock signal remains HIGH for a predetermined continuous period of time while the Fusing Drive Motor is turning.
C0061	Fusing Drive Motor turning at abnormal timing	The Fusing Drive Motor Lock signal remains LOW for a predetermined continuous period of time while the Fusing Drive Motor remains stationary.
C0094	2nd Image Transfer Roller pressure/retraction failure	• The 2nd Image Transfer Pressure Position Sensor is not activated (retracted position) within 2 sec. after the 2nd Image Transfer Pressure/Retraction Motor has started turning during a sequence of the 2nd Image Transfer Roller's retracting motion. • The 2nd Image Transfer Pressure Position Sensor is not deactivated (pressed position) within 2 sec. after the 2nd Image Transfer Pressure/Retraction Motor has started turning during a sequence of the 2nd Image Transfer Roller's pressing motion.
C0096	Image Transfer Belt pressure/retraction failure	• The 1st Image Transfer Retraction Position Sensor is not activated (retracted position) within 3 sec. after the 1st Image Transfer Pressure/Retraction Motor has started turning during a sequence of the Transfer Belt's retracting motion. • The 1st Image Transfer Retraction Position Sensor is not deactivated (pressed position) within 1 sec. after the 1st Image Transfer Pressure/Retraction Motor has started turning during a sequence of the Transfer Belt's pressing motion.
C0098	Fusing Pressure Roller pressure/retraction failure	• No change is observed in the encoder pulse of the Fusing Pressure/Retraction Motor even after the lapse of 0.5 sec. after the motor has started turning for a sequence of the Fusing Pressure Roller's retracting motion. • No change is observed in the encoder pulse of the Fusing Pressure/Retraction Motor even after the lapse of 0.5 sec. after the motor has started turning for a sequence of the Fusing Pressure Roller's pressing motion. • The Fusing Pressure Position Sensor is not activated (pressed position) even when 21 encoder pulses of the Fusing Pressure/Retraction Motor are counted after the motor has started turning for a sequence of the Fusing Pressure Roller's pressing motion.
C0200	Cyan PC Drum Charge Corona malfunction	The SCD signal is detected for a continuous 0.7-sec. period when the Cyan PC Drum Charge Corona is automatically energized as the malfunction is reset after C0208 (PC Drum Charge Corona malfunction) has been detected.

C0202	Magenta PC Drum Charge Corona malfunction	The SCD signal is detected for a continuous 0.7-sec. period when the Magenta PC Drum Charge Corona is automatically energized as the malfunction is reset after C0208 (PC Drum Charge Corona malfunction) has been detected.
C0204	Yellow PC Drum Charge Corona malfunction	The SCD signal is detected for a continuous 0.7-sec. period when the Yellow PC Drum Charge Corona is automatically energized as the malfunction is reset after C0208 (PC Drum Charge Corona malfunction) has been detected.
C0206	Black PC Drum Charge Corona malfunction	The SCD signal is detected for a continuous 0.7-sec. period when the Black PC Drum Charge Corona is automatically energized as the malfunction is reset after C0208 (PC Drum Charge Corona malfunction) has been detected.
C0208	PC Drum Charge Corona malfunction	The SCD signal is detected for a continuous 0.7-sec. period while the PC Drum Charge Corona is being energized.
C0400	Exposure Lamp's failure to turn ON	The output from the CCD Sensor is a predetermined value or less during CCD Sensor gain adjustment.
C0410	Exposure Lamp turning ON at abnormal timing	The average output value of the CCD Sensor with the Scanner at its standby position is a predetermined value or more at the end of a scan job.
C0500	Heating Roller warm-up failure	• The Heating Roller Thermistor does not detect a predetermined temperature within 550 sec. after a warm-up cycle has been started and thus the copier does not complete the warm-up cycle. • The output from the Heating Roller Thermistor does not rise beyond a predetermined level within 30 sec. after the Heating Roller Heater Lamps have lit up.
C0501	Fusing Pressure Roller warm-up failure	• The temperature detected by the Fusing Pressure Roller Thermistor does not reach 100 °C within 230 sec. after a warm-up cycle has been started. • The output from the Heating Roller Thermistor does not rise beyond a predetermined level within 120 sec. after the Fusing Pressure Roller Heater Lamp has lit up.
C0510	Heating Roller abnormally low temperature	• The Heating Roller Thermistor detects 160 °C or less for 1 sec. or more while the copier is in the standby state. • The Heating Roller Thermistor detects 160 °C or less for 1 sec. or more while the copier is in a print cycle. • The Heating Roller Thermistor detects 70 °C or less for 1 sec. or more while the copier is in the Energy Saver mode.
C0511	Fusing Pressure Roller abnormally low temperature	• The Fusing Pressure Roller Thermistor detects 100 °C or less for 1 sec. or more while the copier is in the standby state. • The Fusing Pressure Roller Thermistor detects 100 °C or less for 1 sec. or more while the copier is in a print cycle. • The Fusing Pressure Roller Thermistor detects 100 °C or less for 1 sec. or more while the copier is in the Energy Saver mode.
C0520	Heating Roller abnormally high temperature	The Heating Roller Thermistor detects 220 °C or more for 1 sec. or more.

C0521	Fusing Pressure Roller abnormally high temperature	The Fusing Pressure Roller Thermistor detects 215 °C or more for 1 sec. or more.
C0650	Scanner Home Sensor malfunction	• The Scanner Home Sensor is unable to detect a Scanner when the Scanner is at a position to block the sensor. • The Scanner Home Sensor is unable to detect a Scanner despite the fact that the Scanner Motor has been energized to move the Scanner over the maximum traveling distance. • The Scanner Home Sensor detects a Scanner when the Scanner has moved a distance of 5 mm away from the position, at which it blocks the sensor.
C0660	Scanner overrun failure	The Scanner Home Sensor detects the Scanner at its home position during a period of time that begins with the time when a prescan command and a scan preparation command are executed and ends when a home return command is executed.
C0F30	Abnormally low toner density detected Cyan ATDC Sensor	Toner density that is 3% or more lower than the target level is detected ten consecutive times while the Developing Unit is being energized during a print cycle, ATVC, or image stabilization sequence.
C0F31	Abnormally high toner density detected Cyan ATDC Sensor	Toner density that is 4% or more higher than the target level is detected ten consecutive times while the Developing Unit is being energized during a print cycle, ATVC, or image stabilization sequence.
C0F32	Abnormally low toner density detected Magenta ATDC Sensor	Toner density that is 3% or more lower than the target level is detected ten consecutive times while the Developing Unit is being energized during a print cycle, ATVC, or image stabilization sequence.
C0F33	Abnormally high toner density detected Magenta ATDC Sensor	Toner density that is 4% or more higher than the target level is detected ten consecutive times while the Developing Unit is being energized during a print cycle, ATVC, or image stabilization sequence.
C0F34	Abnormally low toner density detected Yellow ATDC Sensor	Toner density that is 3% or more lower than the target level is detected ten consecutive times while the Developing Unit is being energized during a print cycle, ATVC, or image stabilization sequence.
C0F35	Abnormally high toner density detected Yellow ATDC Sensor	Toner density that is 4% or more higher than the target level is detected ten consecutive times while the Developing Unit is being energized during a print cycle, ATVC, or image stabilization sequence.
C0F36	Abnormally low toner density detected Cyan ATDC Sensor	Toner density that is 3% or more lower than the target level is detected ten consecutive times while the Developing Unit is being energized during a print cycle, ATVC, or image stabilization sequence.
C0F37	Abnormally high toner density detected Cyan ATDC Sensor	Toner density that is 4% or more higher than the target level is detected ten consecutive times while the Developing Unit is being energized during a print cycle, ATVC, or image stabilization sequence.
C0F3A	Cyan ATDC Sensor adjustment failure	Cyan ATDC Sensor automatic adjustment does not function properly, failing to adjust to an appropriate value.
C0F3B	Magenta ATDC Sensor adjustment failure	Magenta ATDC Sensor automatic adjustment does not function properly, failing to adjust to an appropriate value.

C0F3C	Yellow ATDC Sensor adjustment failure	Yellow ATDC Sensor automatic adjustment does not function properly, failing to adjust to an appropriate value.
C0F3D	Black ATDC Sensor adjustment failure	Black ATDC Sensor automatic adjustment does not function properly, failing to adjust to an appropriate value.
C1200	Memory mounting failure	The WORK memory or Controller Board are not mounted on the Image Control Board (PWB-F) when the printer controller Fiery X3e 31C-M is installed.
C1203	Memory mounting failure	The FILE memory on the Image Control Board (PWB-F) is faulty.
C1204	Memory mounting failure	The FILE memory on the Image Control Board (PWB-F) is short of capacity
C1220	Image Input Time Out	Image data is not input from the Image Processing Board (PWB-C) to the Image Control Board (PWB-F).
C1229	Image Output Time Out	Image data is not output from the Image Control Board (PWB-F) to the PIC Board (PWB-PIC).
C1240	JBIG Error	Memory of the Image Control Board (PWB-F) is faulty.
C1241	JBIG Error	
C1242	JBIG Error	
C1243	JBIG Error	
C1261	Memory Board Time Out	Compression of image data of the Image Control Board (PWB-F) is faulty.
C1265	Memory Board Time Out	Decompression of image data of the Image Control Board (PWB-F) is faulty.
C1279	Memory Board Time Out	Transfer of image data of the Image Control Board (PWB-F) is faulty.
C1290	Compress/Expand Time Out	Compression/decompression of image data of the Image Control Board (PWB-F) is faulty when the print controller IP-711 is mounted.
C12C0	Hard Disk Error	Unable to communicate between the hard disk and Image Control Board (PWB-F).
C12CB	Hard Disk Error	Data transfer from the hard disk is faulty.
C12CC	Hard Disk Error	Unformatted hard disk is connected.
C12C1	Hard Disk Error	Hard disk is faulty.
C12C2	Hard Disk Error	
C12C3	Hard Disk Error	
C12C4	Hard Disk Error	
C12C5	Hard Disk Error	
C12C6	Hard Disk Error	
C12C7	Hard Disk Error	
C12C8	Hard Disk Error	
C12C9	Hard Disk Error	
C12CA	Hard Disk Error	
C12CF	Hard Disk Error	A hard disk that falls outside the specifications is connected.
C13C8	New Transfer Cleaner Unit resetting failure	A new installation is not canceled when a new Transfer Cleaner Unit (Image Transfer Belt Unit) is installed.

C13CA	New Fusing Unit resetting failure	A new installation is not canceled when a new Fusing Unit is installed.
C13D1	Cyan IU EEPROM access error	Setting 1 “Start Flag” of GA register does not become ready even after the lapse of a predetermined period of time after a cyan IU EEPROM access control has been executed.
C13D2	Magenta IU EEPROM access error	Setting 1 “Start Flag” of GA register does not become ready even after the lapse of a predetermined period of time after a magenta IU EEPROM access control has been executed.
C13D3	Yellow IU EEPROM access error	Setting 1 “Start Flag” of GA register does not become ready even after the lapse of a predetermined period of time after a yellow IU EEPROM access control has been executed.
C13D4	Black IU EEPROM access error	Setting 1 “Start Flag” of GA register does not become ready even after the lapse of a predetermined period of time after a black IU EEPROM access control has been executed.
C13D5	Cyan LPH correction data download failure	A fault occurs while the LPH correction data is being downloaded from the Cyan LPH EEPROM to the flash memory on PWB-PIC when power is turned ON.
C13D6	Magenta LPH correction data download failure	A fault occurs while the LPH correction data is being downloaded from the Magenta LPH EEPROM to the flash memory on PWB-PIC when power is turned ON.
C13D7	Black LPH correction data download failure	A fault occurs while the LPH correction data is being downloaded from the Yellow LPH EEPROM to the flash memory on PWB-PIC when power is turned ON.
C13D8	Black LPH correction data download failure	A fault occurs while the LPH correction data is being downloaded from the Black LPH EEPROM to the flash memory on PWB-PIC when power is turned ON.
C3310	CCD clamp/gain adjustment failure	• The adjustment value is 0 or 255 during a CCD clamp adjustment. • The peak value of the output data is 64 or less during a CCD gain adjustment.
C3700	IR Power Supply Cooling Fan Motor turning at abnormal timing	A Lock signal is detected ten consecutive times when it is monitored at 0.01-sec. intervals during a period of time 2 sec. after the output of a Fan Motor ON signal has been started.
C3710	IR Drive Board Cooling Fan Motor turning at abnormal timing	
C3FFF	ROM contents fault detected upon start	A fault is detected in the contents of ROM of MSC, IR, and PRT when the copier is started.