Power Supply-Related Malfunctions

(1) Copier is not energized at all.

Relevant Electrical Parts	
IO Board (PWB-IO)	DC Power Supply 1 (PU1) DC Power Supply 2 (PU2)

Step	Check Item	WIRING DIAGRAM (Location)	Result	Action
1	Is a power voltage supplied across PJ3PU1-1 and 3 on PU1?	30-H	NO	Check wiring between the wall outlet and PJ3PU1.
2	Are the fuses (F1 and F2) on PU1 conducting?	—	NO	Change PU1.
3	Is a power voltage supplied across CN1PU2-1 and 2 on PU2?	30-F	NO	Change PU1.
4	Is the fuse (F1) on PU2 conducting?	—	NO	Change PU2.
5	Is DC5 V being output from CN2PU2-3 on PU2?	31-F	NO	Change PU2.
6	Is DC5 V being input to PJ15PU1-1 on PU1?	28-F	NO	Change PU2.
7	Is DC5 V being input to PJ1IO-3 on the IO Board?	14-E	NO	Change PU1.
			YES	Change PWB-IO.

(2) Only the Power Supply Cooling Fan rotates.

Relevant Electrical Parts	
PIC Board (PWB-PIC)	DC Power Supply 1 (PU1) DC Power Supply 2 (PU2)

Step	Check Item	WIRING DIAGRAM (Location)	Result	Action
1	Is DC3.3 V being output from PJ9PU1-1 on PU1?	29-F	NO	Change PU1.
2	Is DC5 V being output from CN2PU2-2 on PU2?	31-F	NO	Change PU2.
3	Is DC3.3 V being input to PJ1PIC-1 on PWB-PIC and DC5 V to PJ1PIC-3?	32-C	YES	Change PWB-PIC.
			NO	Check the wiring.

(3) Control panel indicators do not light.

Relevant Electrical Parts	
Image Processing Board (PWB-C) Control Panel (UN201)	DC Power Supply 3 (PU201)

Step	Check Item	WIRING DIAGRAM (Location)	Result	Action
1	Is the I/F cable between the IR and engine connected properly?	—	NO	Reconnect or change the I/F cable.
2	Is a power voltage being applied across CN3PU201-1 and 2 on PU201?	22-H	NO	Check the wiring from the wall outlet to CN3PU201-1/2.
3	Is the fuse (F1) on PU201 conducting?	—	NO	Change PU201.
4	Is DC5.1 V being output from CN2PU201-1 on PU201 and DC24 V from CN2PU201-3?	22-H	NO	Change PU201.
5	Is PJ12C on PWB-C securely connected?	26-E	NO	Reconnect.
6	Is CN12 on UN201 securely connected?	24-F	NO	Reconnect.
			YES	Change UN201. Change PWB-C.