C02## Corona Malfunction

1156SBT040102A

*	Code	Description	Detection Timing
	C0200	PC Drum Charge, Image Transfer, Paper Separator Corona malfunction	The leak signal (SCD) turns ON after the PC Drum Charge and Image Transfer/Paper Separator Corona output has been turned ON.

C03## Master Board/Harness Malfunctions

1156SBT040103A

- The copier performs a self-diagnostic sequence to determine if the microprocessor outputs a signal to each of the IC ports on Master Board PWB-A properly. It is intended for detecting the following malfunctions (C03##).
- Any malfunction is detected when "Controller Board Check" available from the "I/O Check" function of the Tech. Rep. mode is executed.
- If the microprocessor fails to output any of these signals or if any of the electronic components on the board (driver IC, etc.) is faulty, the copier determines that there is a faulty condition existing and shows the corresponding malfunction code on the Touch Panel.
- C0350, C0351, C0352, C0353, or C0357 is displayed when there is a communication fault between the copier and paper feeder option or Duplex Unit, and detected as an isolated malfunction when the Power Switch is turned ON.

*	Code	Description	Master Board Port
	C0300	Port diagnosis cannot be started.	—
	C0310	Drum Dehumidifying Heater H2 REM signal	IC1A P45
	C0311	Fusing Heater Lamp H1 REM signal	IC1A P57
	C0312	Exposure Lamp Regulator PWB-J REM signal	IC1A P61
	C0313	AE Sensor Board PWB-H PWM signal	IC1A P60
	C0314	Image Erase Lamp LA3 DATA	IC1A P64
	C0315	Image Erase Lamp LA3 MODE	IC1A P65
	C0316	Image Erase Lamp LA3 CLOCK	IC1A P66
	C0317	Image Erase Lamp LA3 STROBE	IC1A P67
	C0318	Copy vendor count (during copy cycle)	IC3A APA1
	C0319	Copy vendor count (size)	IC3A APA0
	C031A	2nd Drawer Paper Take-Up Motor M12 energization	IC3A ϕ1
	C031B	1st Drawer Paper Take-Up Motor M11 energization	IC3A ϕO
	C031C	Original size detection	IC4A APA7
	C031D	Original size detection, marketing area 2	IC4A APA6
	C031E	Original size detection, marketing area 1	IC4A APA5
	C031F	Scanner Motor M2 SCAN signal	IC4A APC0
	C0320	Scanner Motor M2 ENABLE signal	IC4A APC1
	C0321	Fusing Section Cooling Fan Motor M15 REM signal	IC4A APC2
	C0322	Separator/Developing Bias output REM signal	IC4A BPA7
	C0323	PC Drum Charge/Image Transfer output REM signal	IC4A BPA6
	C0324	Exit/Duplex Switching Solenoid SL5	IC4A BPA5
	C0325	Synchronizing Roller Clutch CL2	IC4A BPA4
	C0326	Paper Transport Clutch CL1	IC4A BPA3
	C0327	Main Drive Motor M1 REM signal	IC4A BPA2
	C0328	Main Erase Lamp LA2 REM signal	IC4A BPA1
	C0329	Separator Solenoid SL1 REM signal	IC4A BPA0