C0500, C0510

Step	Check	Result	Action
1	Heater Lamp turns ON when the Power Switch is turned ON	YES	Correct Thermistor for mounting position and/or clean.
		NO	Make checks from step 3 onward.
2	Thermistor operation: resistance across CN14-2 and 3 on Fusing Unit side is infinite, as measured with CN14 (4P) disconnected.	YES	Change Thermistor.
		NO	Change Master Board.
3	Fusing Thermoswitch and Heater Lamp operation: have continuity across CN5-1 and 2 on the Fusing Unit side with CN5 (2P) disconnected	YES	Change DC Power Supply 2.
		NO	Change Fusing Thermoswitch and Heater Lamp.
4	The voltage across PJ7A-1 on the Master Board and GND is DC0V (Heater Lamp ON) and DC24V (Heater Lamp OFF) when the Power Switch is turned ON.	YES	Change Master Board.
5	The voltage across PJ4PU2-4 on DC Power Supply 2 and GND is DC0V (Heater Lamp ON) and DC24V (Heater Lamp OFF) when the Power Switch is turned ON.	YES	Change DC Power Supply 2.
		NO	Plug in CN27 and CN14.

C0520

Step	Check	Result	Action
1	The Heater Lamp remains lit after the copier has warmed up.	YES	Make checks from step 2 onward.
		NO	Make checks from step 3 onward.
2	The voltage across PJ7A-1 and GND remains DC0V after the copier has warmed up.	YES	Change Master Board.
		NO	Change DC Power Supply 2.
3	The circuit across CN14-2 and 3 on the Fusing Unit side is shorted with CN14 (4P) disconnected.	YES	Change Thermistor.
		NO	Change Master Board.