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14-005

30 June, 2014

**DIODE INSTALLATION 501 THERMAL HEATER SWITCH**

**I. PURPOSE:**

Instructions for installing a diode for the 501 Thermal Heater Switch.

**II. TOOLS:**

Screwdriver

**III. PARTS:**

P/N: 081390000 ASSY, CBL, 501 HEATER W/ DIODE

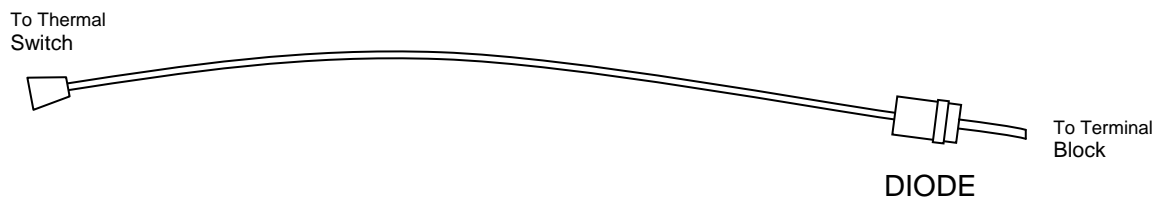
**IV. PROCEDURE:**

1. Turn the instrument OFF and unplug the power cord.
2. Open the top cover of the 501

\*\*\* Note: *Wait for the oven to cool down before installing the diode.* \*\*\*

3. Remove the wire from Terminal Block Location (A) Figure 2
4. Remove the opposite end of wire from Thermal Switch Location (B) Figure 2
5. Remove the wire from the 501 and disregard.
6. Take the 081390000 ASSY, CBL, 501 HEATER W/DIODE and install the DIODE end to Location (A) (Terminal Block)
7. Take the remaining end of the wire and install the CONNECTOR to the location removed in step 4 above (B) (Thermal Switch)

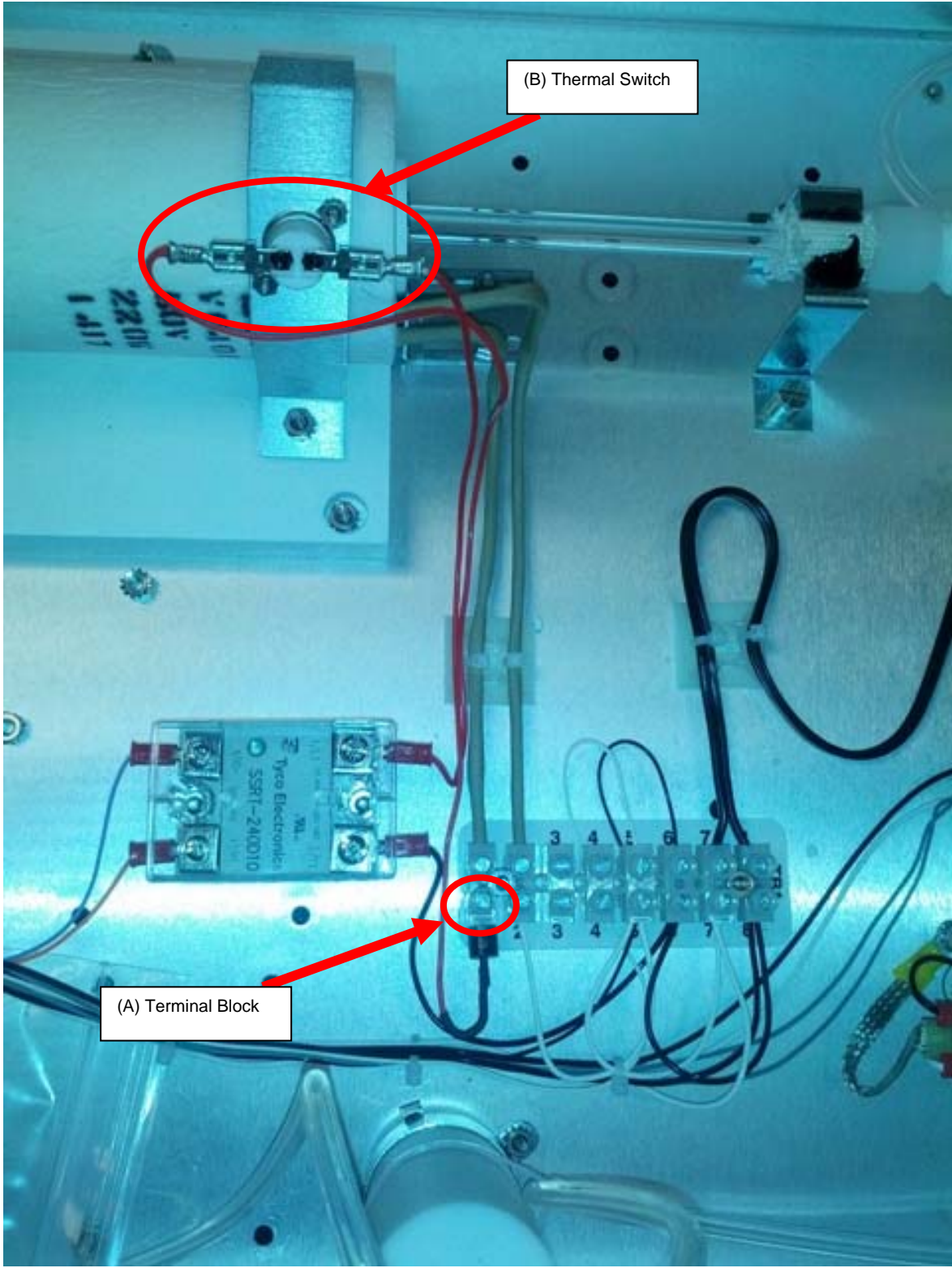
Figure 1



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Figure 2



Diode Installation 501 Thermal Heater Switch  
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