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## KIT PART NUMBER 4550012 INSTRUCTIONS FOR INSTALLING A 70 AMP TRIAC IN A 455 MACHINE

**CHECK THE PARTS RECEIVED IN THIS KIT WITH THE PARTS LIST IN THESE INSTRUCTIONS. IF ANY PARTS ARE MISSING CONTACT THE CRANE MERCHANDISING SYSTEMS' PARTS DEPARTMENT AT 1-800-621-7278.**

Read these instructions carefully before installing the kit.  
Keep these instructions for part numbers and for future reference.

### THIS KIT CONTAINS THE FOLLOWING:

PART NUMBER	DESCRIPTION	QTY
9983780	TRIAC - 70 A	1
4555148	BRACKET - TRIAC / RELAY	1
9900106	SCREW 8-32 X 3/8 ACORN HEX. HD. S/TAPPING	4
4550013T	INSTRUCTIONS - 455 TRIAC KIT	1

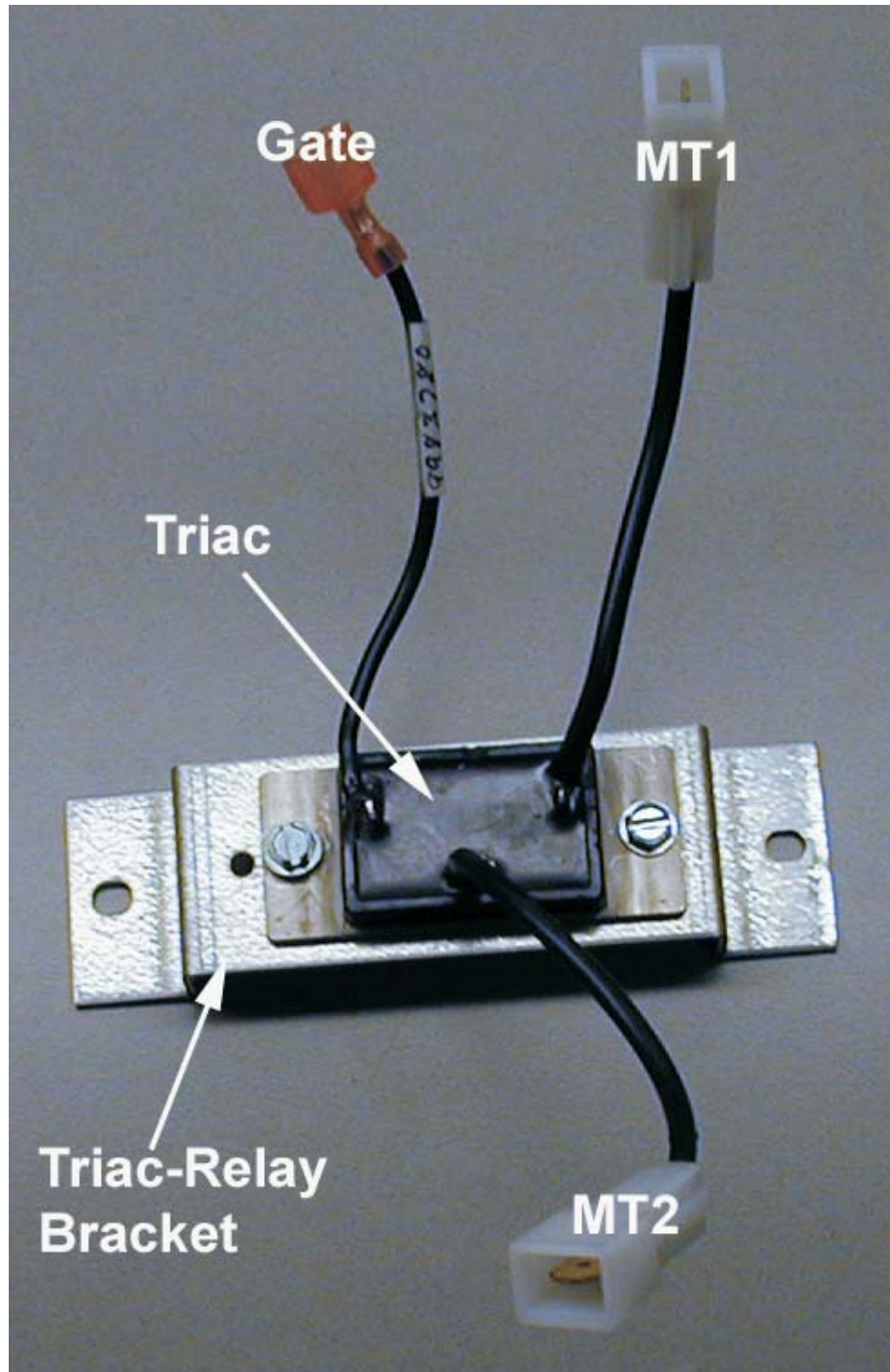
**!WARNING - Electrical Shock Hazard - Unplug machine power cord at wall receptacle. Failure to do so could result in fatal electrical shock.**

1. Read these instructions carefully before installing this kit.
2. Unplug the machine's power cord at the wall receptacle. Failure to do so could result in a fatal electrical shock.
3. Unlatch the door lock and slide the monetary assembly forward. Open the main door to access the power panel covers located on the monetary assembly.
4. Remove the power panel covers as in Figure 1 below.



**Figure 1**

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5. Attach the Triac (9983780) to the Triac/Relay bracket (4555148) using two of the screws provided (9900106) as shown in Figure 2 below. Notice how the triac's three connectors form a triangle. The small connector is the **Gate**, and attaches to the **Brown** wire in the original triac harness. **MT1** connects to the **Red** wire in the harness, and **MT2** to the **Black** wire. **Make sure that the MT1 and MT2 connectors are attached to the correct wires.** If these connections are not made properly, the Triac will not function, and the compressor will not turn on.



**Figure 2**

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6. If the ground wire is located in one of the holes needed for the Triac/Relay Bracket, move it to the hole indicated in Figure 3 below. The ground wire **must** be securely fastened to the panel to provide adequate protection for the machine's electronics.

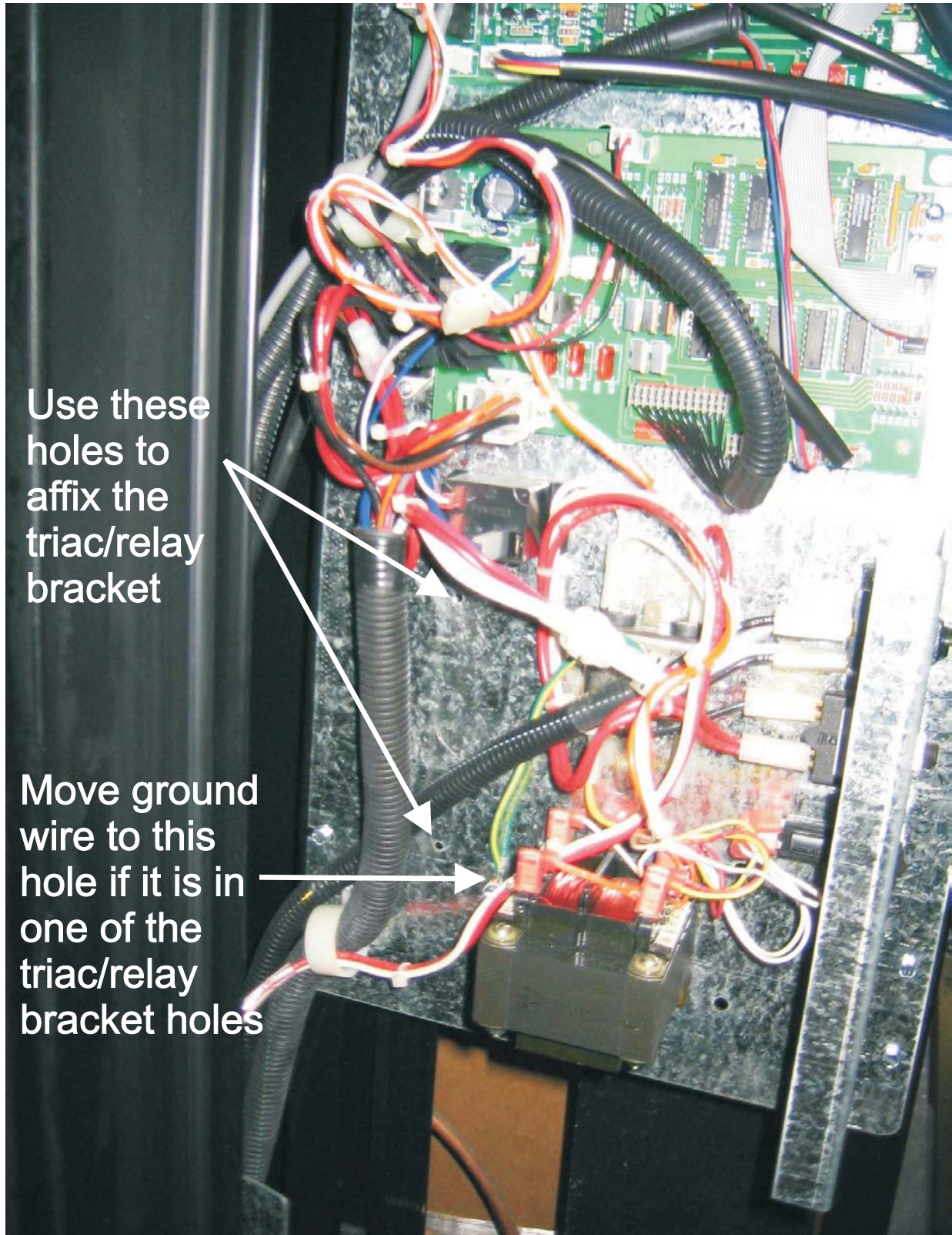
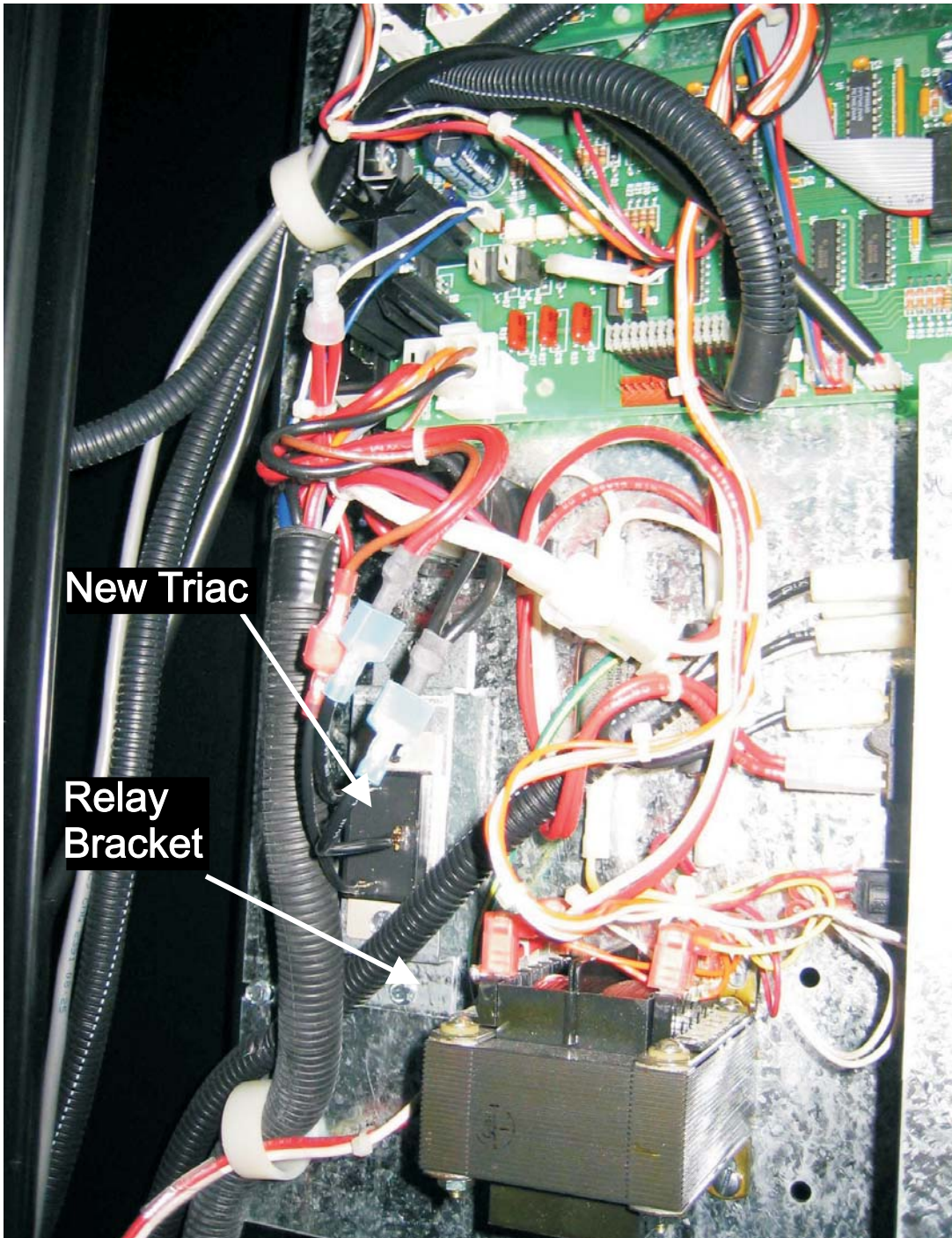


Figure 3

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- Attach the Triac/Relay Bracket (p/n 4555148) to the power panel using the other two screws (p/n 9900106) in the location shown in Figure 3 above and Figure 4 below.



**Figure 4**

- Disconnect the three lead wires connected to the present 35 A triac. Connect these push-on terminals to the tab terminals on the new 70 A triac lead wires; .250 in. terminals together and .187 in. terminals together as described in Step 5 and Figure 2.
- Replace the power panel covers, close the main cabinet door, reconnect the power cord and turn the main switch on.