

HI TEMPERATURE CUT/OFF T-STAT INSTALLATION FOR TRITON MACHINES

The following instructions are on the installation of a bi-metal thermostat to the TRITON heater block to be used as a thermal cut-off device. Basically the thermostat is a normally closed device that opens at a certain temperature. Normally it is factory set for approx. 525F. The signal for the coil on the heater contactor relay will be redirected to the cut-off thermostat and then back to the heater contactor relay.

If the heater block plate should reach 525F, the cut-off thermostat will open and the heater contactor relay will open.

1. Remove power from machine.
2. Locate the left rear area of the heater edge where the heaters enter into the aluminum plate.
3. Position the t-stat in the middle of the aluminum plate between two heaters.



CUT-OFF
THERMOSTAT

5. Mark the hole locations in the cut-off thermostat on to the aluminum plate.
6. Drill 2 (6-32) tapped holes approx.. 3/8" deep.
7. Attach thermostat to the heater block using the (2) 6-32 screws that were supplied.
8. Carefully work the wires that are connected to the thermostat up through the holes in the long wire duct.

9. Next, feed the two wires into the 1" liquid tight that is for the main heater wires going down to the



lower electrical sub plate.

10. Feed the two wires down to the heater contactor area located on the lower sub plate.

11. Locate the HEATER CONTACTOR RELAY attached the bottom of the console.

12. Remove the orange wire connected to the coil of the heater relay as shown in picture.



13. Crimp the blue male connector that was shipped, to one of the two wires from the t-stat. Connect this wire with the male connector to the orange wire.

14. Crimp the female connector to the other remaining wire from the t-stat. Connect this wire to the male tab on the contactor coil where the orange wire used to be.

15. Once the cut-off thermostat is in place and wired, the machine should operate normally. Only when the heater block reaches or exceeds 500f does the cut-off thermostat activate. The cut-off thermostat will reset automatically once the temperature drops.

Call the factory at 1-800-525-6766 for Technical Support