

Date: 3/17/15

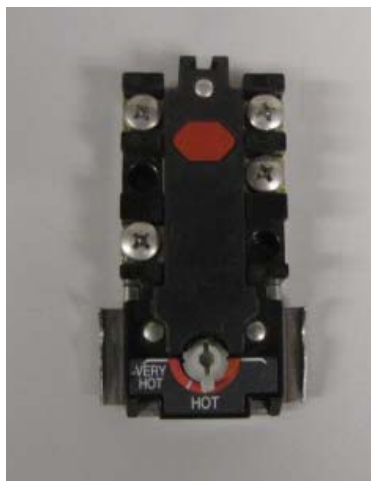
To: All Manufacturer Representatives

From: Joe Opalka

Subject: Residential Electric – Thermostat Change

Bradford White has decided to implement a running change to the thermostats that are used in producing our residential electric water heaters. Over the next several months, the current 89T thermostats will be phased out and be replaced by 59T66T thermostats. These new thermostats will be supplied by the same high quality supplier as our current thermostats. This is only a change in the appearance of the thermostat. This change will also affect thermostat replacement service kits. For your convenience, the cross reference chart below depicts the new service kit part numbers:

Discontinued Service Kit P/N	New Service Kit P/N
265-40694-00	265-50691-00
265-48641-00	265-51046-00



Discontinued Thermostat (89T)



New Thermostat (59T66T)

In order to replace the thermostat using the new service kits, the contractor will be required to change out the thermostat bracket in some instances. The complete installation instructions for both thermostat replacement and bracket replacement can be found attached to this bulletin.

If you have any additional questions, please contact the Product Department at 1-800-523-2931.

THERMOSTAT AND OPTIONAL THERMOSTAT BRACKET REPLACEMENT

This thermostat kit is suitable and approved to use as a replacement of the following discontinued kits:

Replacement kit cross reference			
Discontinued Kit p/n	New Kit p/n	Discontinued Kit p/n	New Kit p/n
265-40694-00	265-50691-00	265-48641-00	265-51046-00

⚠ CAUTION

Before servicing this appliance, turn off power supply to the water heater.

This thermostat replacement package includes a thermostat bracket to be used if the thermostat provided on the unit has the ground screw tab in the bottom right of the bracket. If the bracket has the ground screw tab at the lower right location, remove the bracket and replace it with the one provided in this kit using the instructions below.

1. Remove the element access cover.
2. Remove wires from old thermostat and element, these wires will be re-used.
3. Pull thermostat bracket tabs back using your fingers to release the thermostat (See figure 1), remove thermostat (See figure 2). If the bracket has the ground screw tab in the bottom left corner skip to step 7.

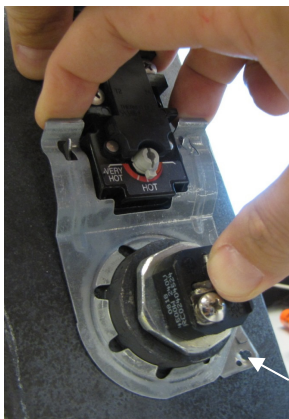


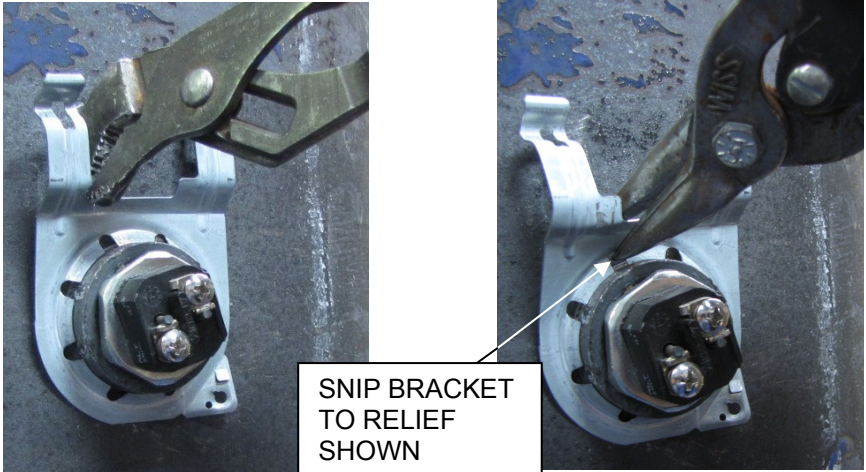
Figure 1



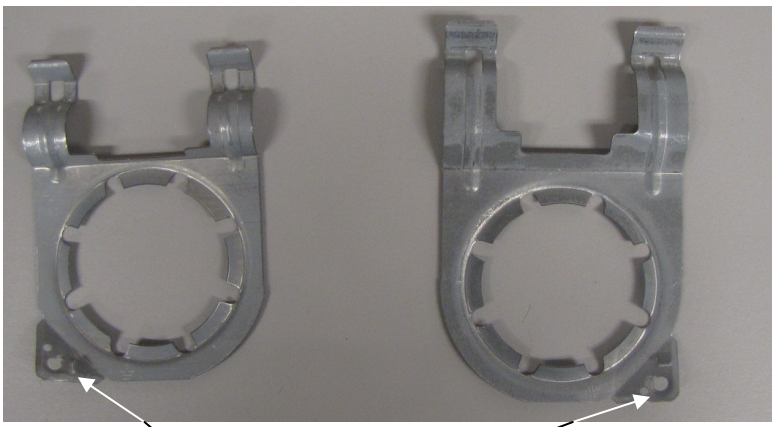
Figure 2

Note: as pictured above if the ground screw tab is on the bottom right of the bracket, it must be replaced.

4. Bend the bracket out with a pair of pliers (see figure 3) until there is room to between the tank and the bracket to allow the ends of a pair of tin snips (see figure 4). Cut the bracket to the relief (see figure 4) so it can be easily removed. Using the pliers remove and discard old bracket, be careful of sharp edges.

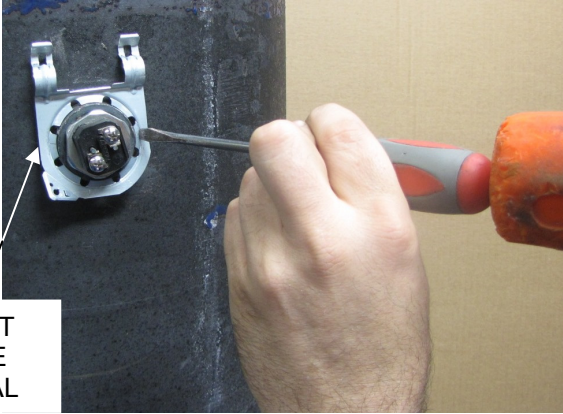


5. Place the new bracket provided in the kit on the element coupling (be sure the orientation of the bracket is vertical as shown). Using a screwdriver and a hammer push the right side of the bracket on (see figure 5).



Ground screw tab
(bottom left)

Ground Screw
Tab (bottom right)



BRACKET
MUST BE
VERTICAL

Figure 5

6. Repeat this step on the left side of the bracket, the top of the bracket and the bottom of the bracket, until the bracket is flush against the tank.
7. Using your fingers pull back the bracket tabs and push the thermostat under the bracket (see figure 6 and figure 7).

IMPORTANT

The thermostat must be flush against the tank to work accurately.

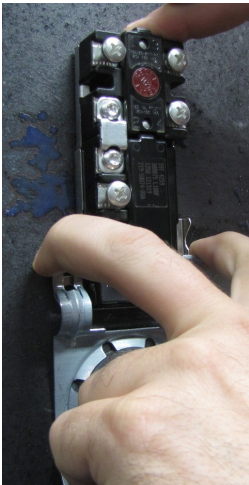


Figure 6

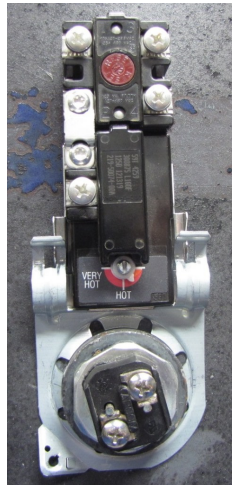


Figure 7

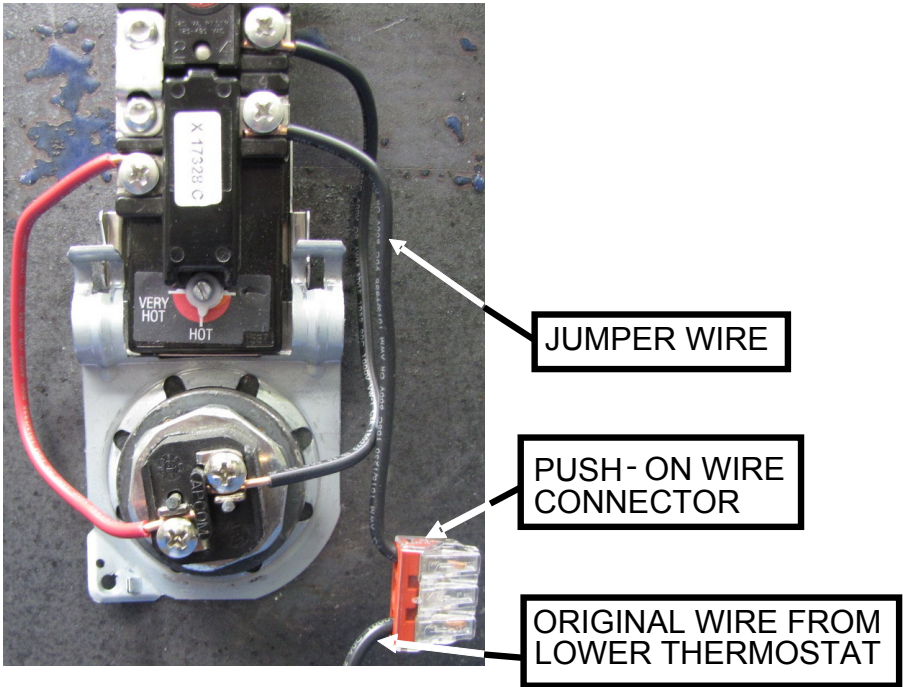
8. Wire the unit back up per the wiring diagram affixed to the inside of the element access cover. If the black wire is not long enough, the push-on wire connector will have to be used (see next page).

OPTIONAL PUSH-ON WIRE CONNECTOR INSTALLATION (SOME KITS)

This thermostat replacement package may also include a push-on wire connector and a 5-1/2" long jumper wire. These parts are to be used if the connection between the replacement upper thermostat (terminal #4) and the wire connecting the lower thermostat is not possible.

Insert the wire removed from the original upper thermostat (terminal #4) into the optional push-on wire connector.

Insert one end of the jumper wire into the optional push-on wire connector, the other end of the jumper is to be connected to the replacement upper thermostat (terminal #4).



Make sure that all connections are tight, and all covers are replaced prior to turning power on.