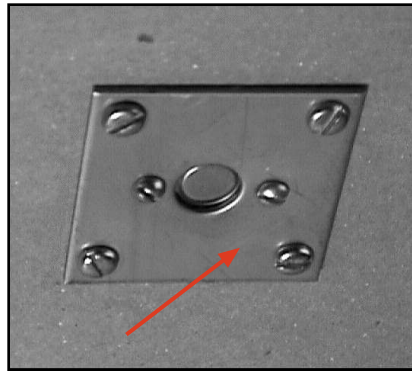


High Limit Thermostat Replacement

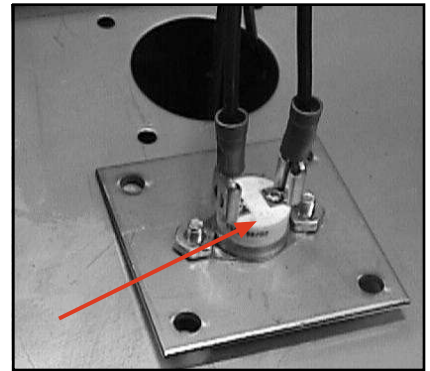
(Both Button Type and Capillary Tube Type)

Button Type High Limit Thermostat

1. Disconnect power
2. The hi-limit is located inside the oven . It is in the front top above the meat doors, mounted on a 2.5" x 2.5" square plate. (fig. 1)
3. Remove the four 10-32 screws that hold the mounting bracket to the liner. The bracket is sealed and may have to be pried off. (Fig. 2)
4. Unplug the two black wires from 1/4" female disconnects on the old hi-limit and plug them onto the new hi-limit. Make sure they fit tight. (The order of the wires does not matter.) Re-seal the plate when installing, with silicone RTV.



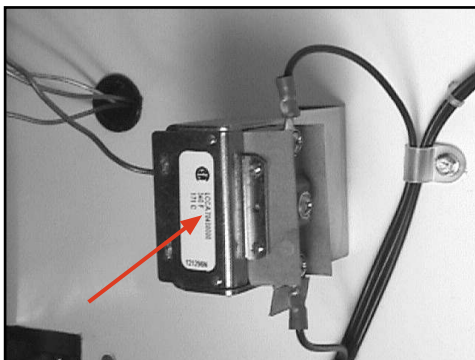
(fig.1) high limit mounting bracket



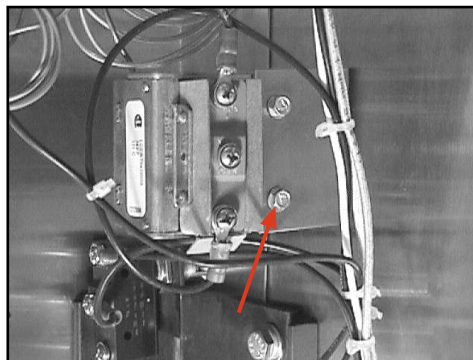
(fig.2) high limit thermostat

Capillary Tube Type High Limit Thermostat

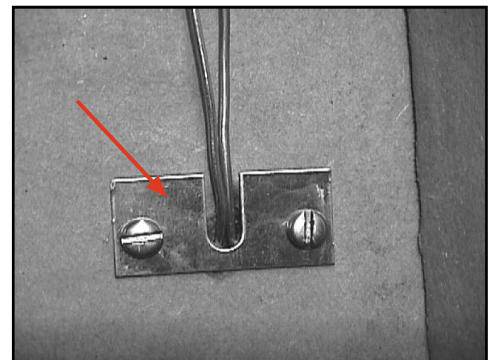
1. Disconnect power
2. Some of the BMJ-350I, BMJ-200I, XLR350, XLR-1400, XLR 1600-4 & BBR-700 have a capillary tube type high limit that is located inside the service compartment on the BMJ-350I, BMJ-200I, XLR, 350 and BBR-700 and behind the control panel on the XLR-1400 and XLR-1600-4. (fig. 3)
3. Once the high limit switch has been located, mark or take note of the wire locations and remove the wires. Remove the screws that hold the high limit to the high limit mounting bracket. (fig. 4)
4. Next from inside the oven locate where the capillary tube comes through the oven. (fig. 5) there is a probe hole cover that must be removed before the tube can be pulled out. Remove one of the screws from the probe hole cover and loosen the other screw. Swing the cover aside. Carefully pull the capillary tube out through the hole.
Note: the capillary tube can be easily kinked or pierced and cause the switch to not work properly so, use caution when working with this tube.
5. Reverse procedure to install the new High Limit thermostat. Be sure to replace the probe cover and re-seal the hole when the new capillary tube has been put in place .



(fig.3) high limit thermostat



(fig.4) high limit mounting bracket



(fig.5) probe hole cover