

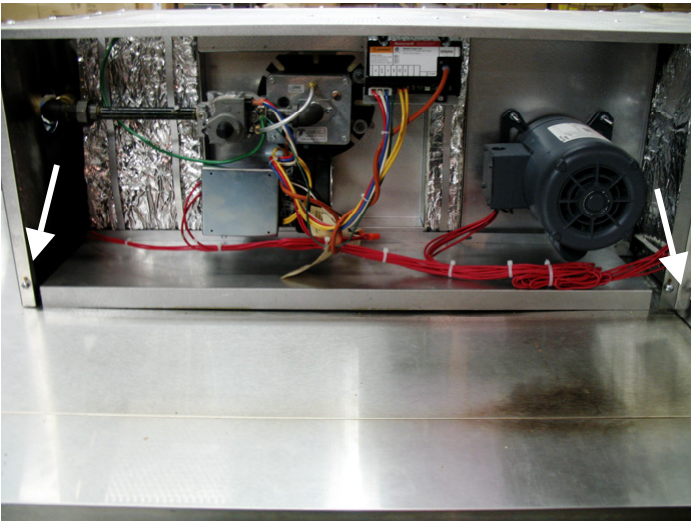
G56 Thermostat Replacement Guide (Always disconnect power before servicing)



1. Disconnect power and turn off gas supply



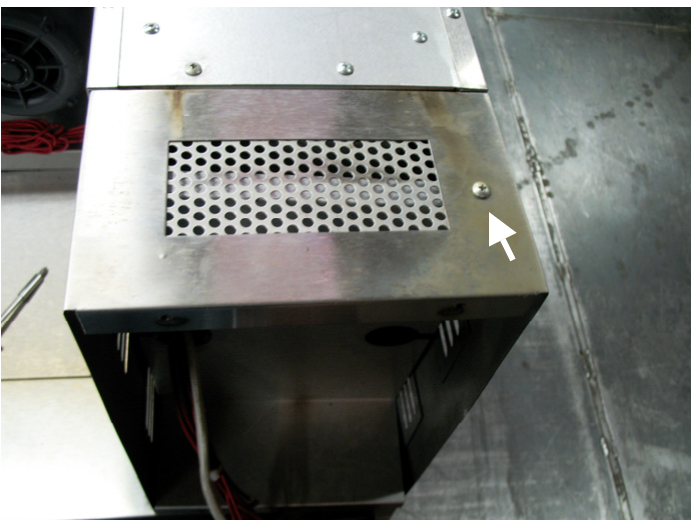
2. Remove the two long Philips screws on the top left and right of the louvered panel.



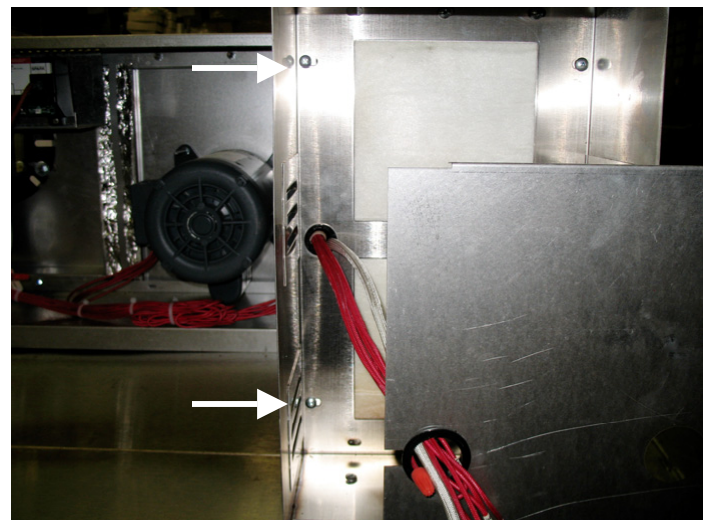
3. When the two screws are removed, lift up on the panel to remove it from the lower screws.



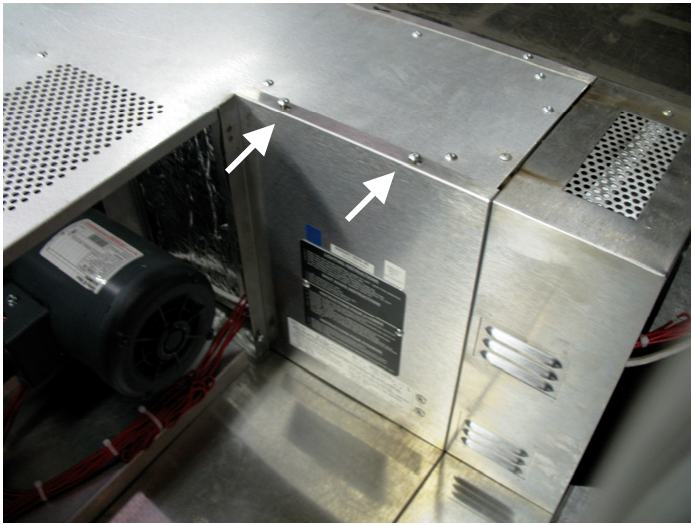
4. Remove the 4 Philips screws at the 4 corners of the Control panel.



5. To remove the plate behind the Control Panel, remove the single Philips screw on top and pry up on the bottom until the bottom clears the hole.



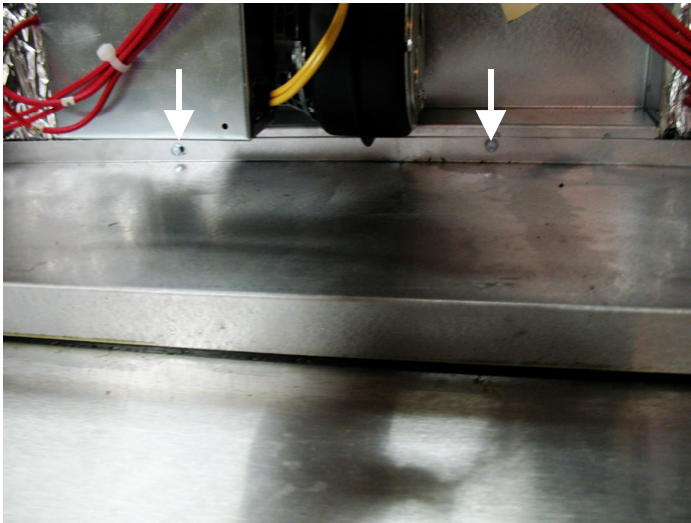
6. After prying up on and removing the plate, remove the two Philips screws on the left.



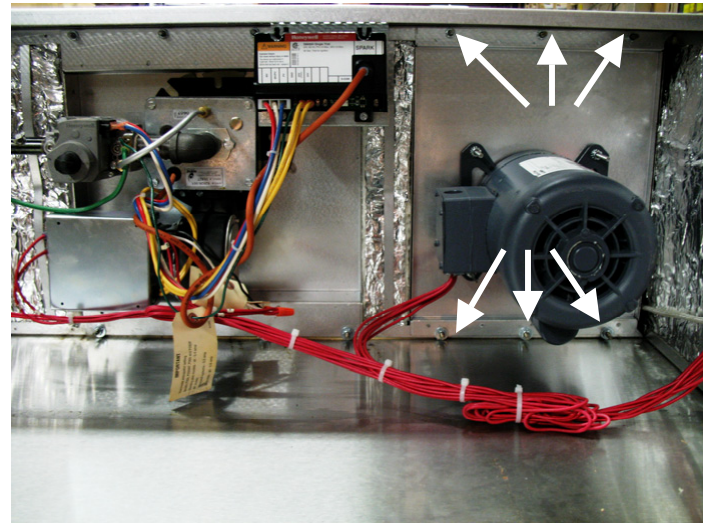
7. Next remove the top 2 Philips screws shown above.



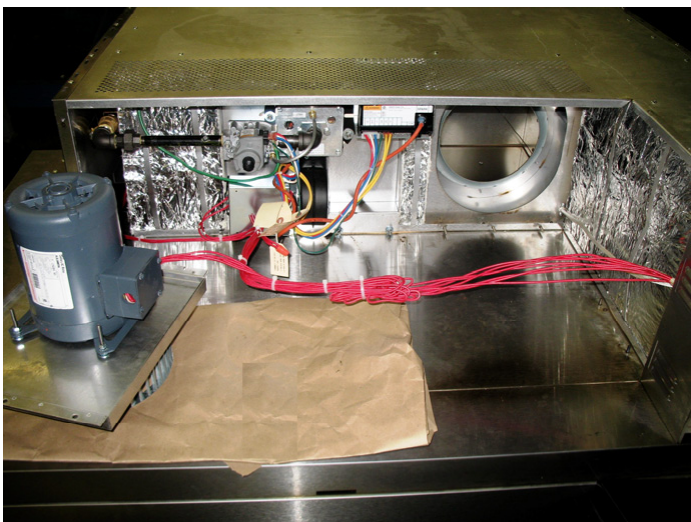
8. Then lift on the panel to remove it to reveal the white thermostat capillary sheathing.



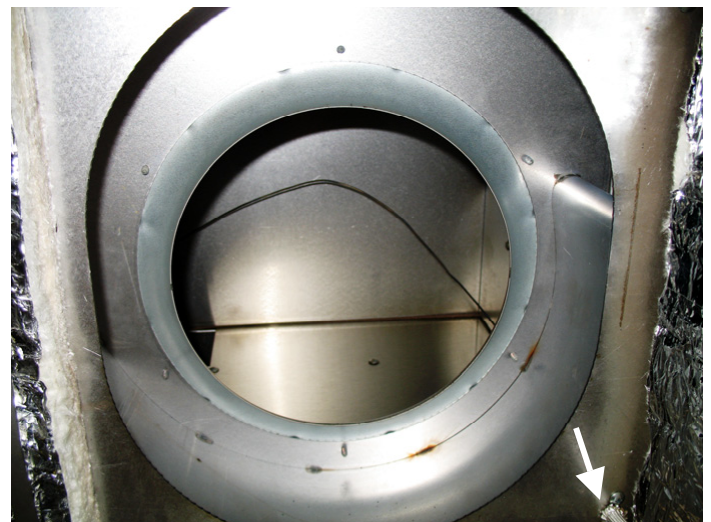
9. Below the Burner Assembly there are two 5/16 screws to remove.



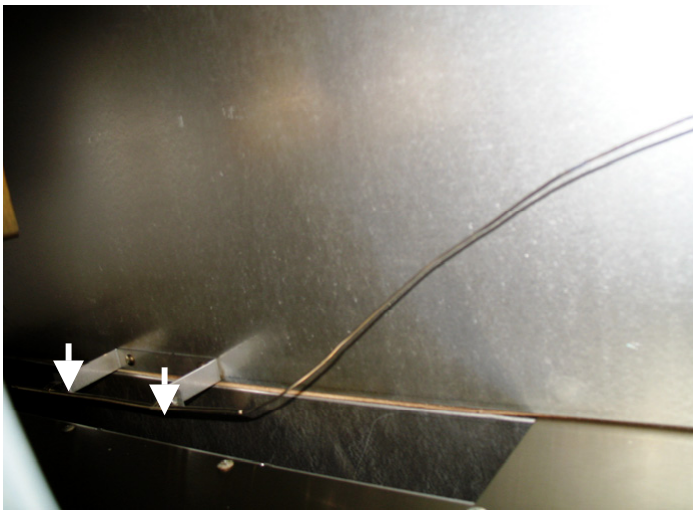
10. After the screws and panel are removed, the lower mounting nuts can be accessed.



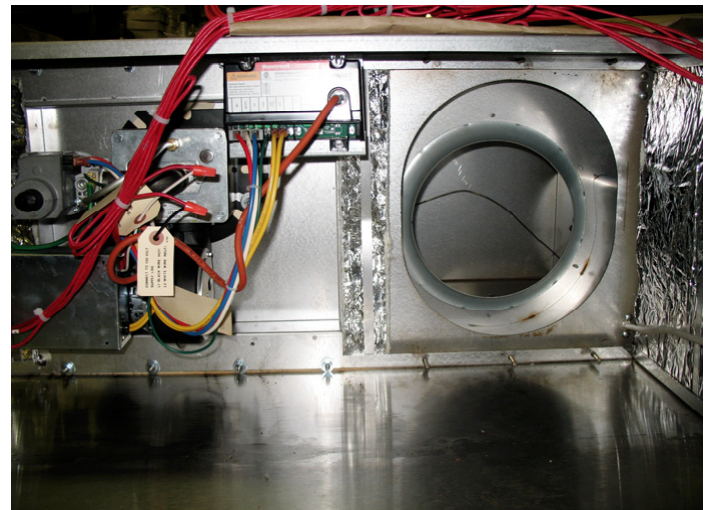
11. Remove the 6 Blower Assembly 7/16 Mounting Nuts pictured in step 10 with a deep well Socket.



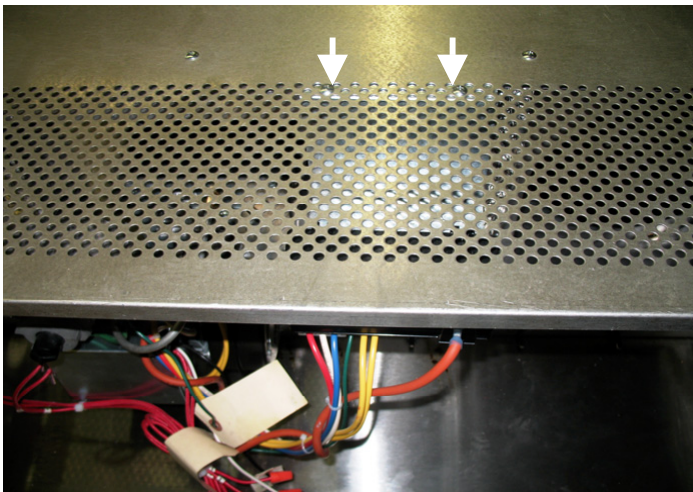
12. With the Blower Assembly removed, you can see where the Capillary exits the routing tube. (Routing tube entrance shown)



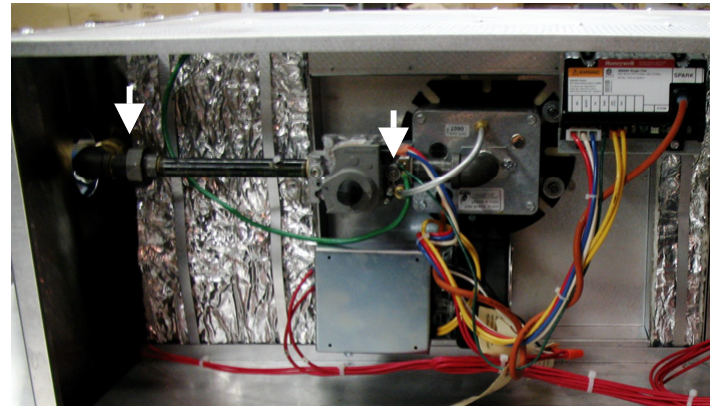
13. If possible, you may remove the bulb from the clips at this point and install the new T-stat. However if better access is required proceed to step 14.



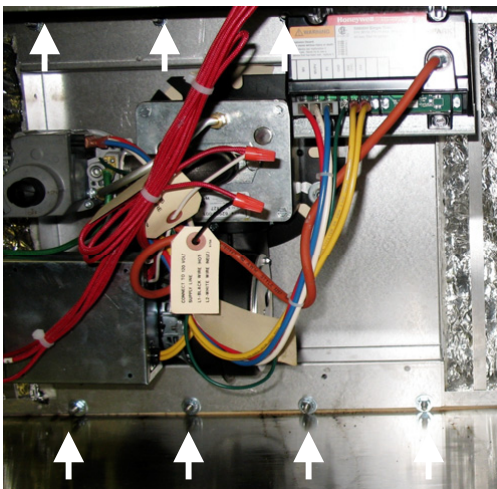
14. Next the Ignition Module and Burner assembly will need to be removed if the replacement cannot be completed through the blower hole.



15. Remove the 2 Philips screws and the Ignition Module and bracket can be removed.



16. After ensuring the gas supply is shut off, Disconnect the Gas union and the green ground wire.



17. Next remove the 8 - 7/16 mounting nuts at the burner assembly with a deep well socket and pull the burner assembly.



18. With the Burner assembly removed the Thermostat Bulb Bracket will be straight ahead. Once replaced, reverse the procedure to reassemble the unit.