

## Replacing Heater Motor Assembly – 50” Wall Mounted Series Fireplaces

### *Tools Needed:*

- Phillips Screwdriver
- Scissors
- Wire ties (provided)

### *Instructions*

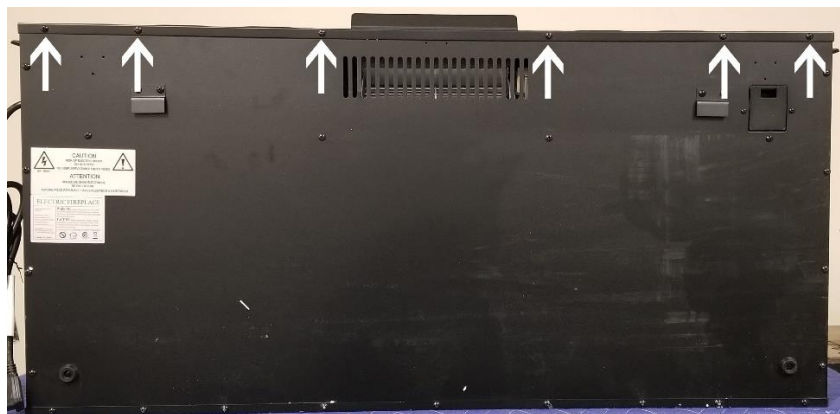
1. Turn off the fireplace and unplug the unit from the wall.
2. Remove the glass panel from the fireplace, as described in the user manual.
3. Remove logs and/or crystals from the fireplace, as described in the user manual.
4. Remove the fireplace from the wall, as described in the user manual.
5. With the unit removed from the wall, remove the top panel from the fireplace. There are 1 screws holding the panel in place (2 on top, 2 on the left, 2 on the right, and 5 on the back).



a. Remove 2 top screws



b. 2 left side screws

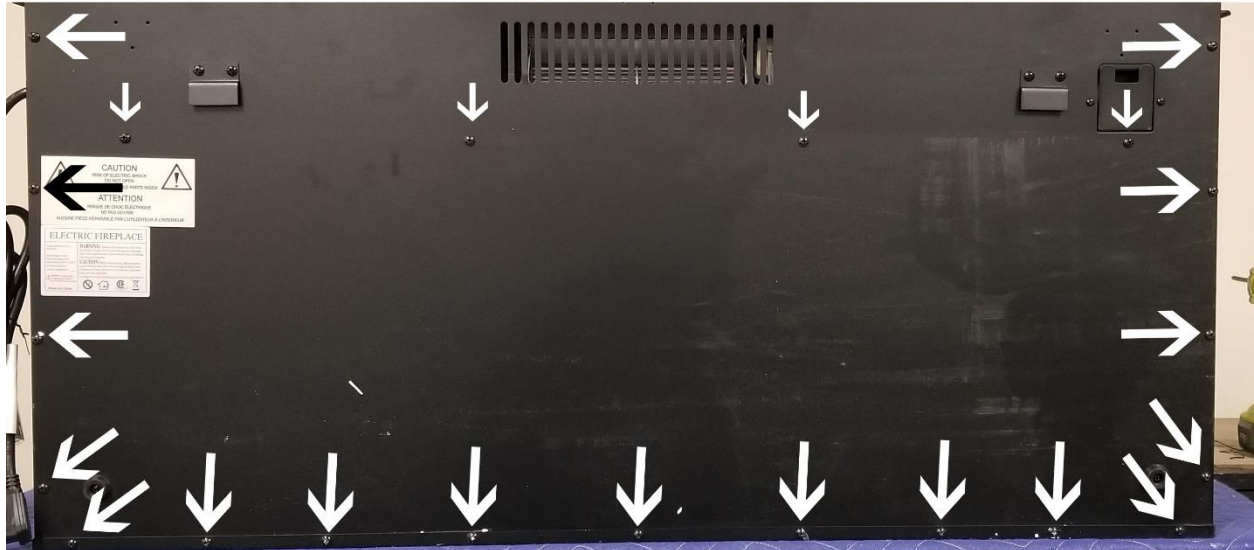


c. 5 back side screws

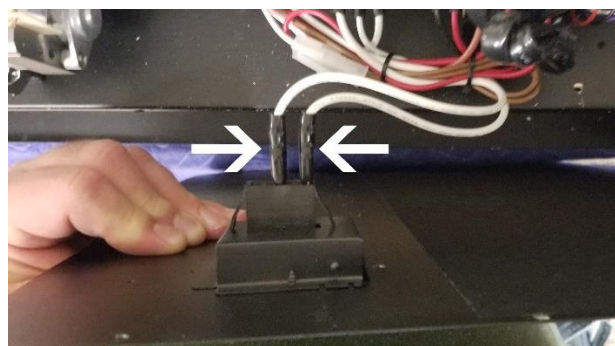


d. 2 right side screws

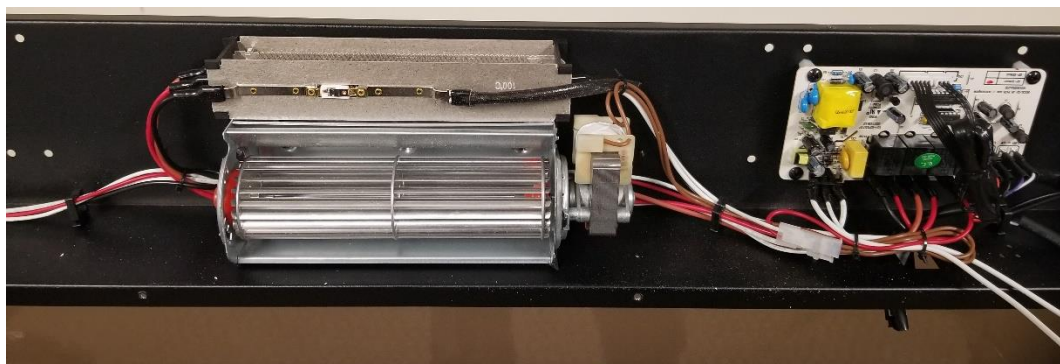
6. After the top panel is removed, remove the back panel from the fireplace by removing the 21 screws from the back panel of the fireplace.



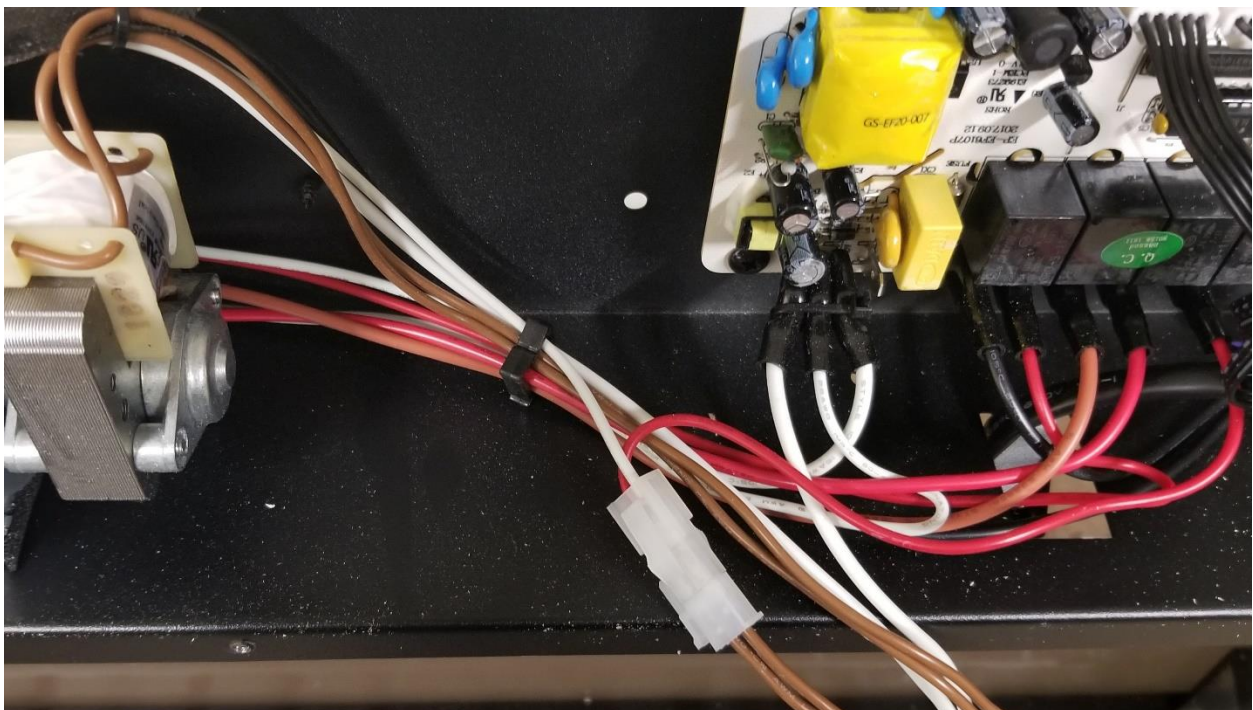
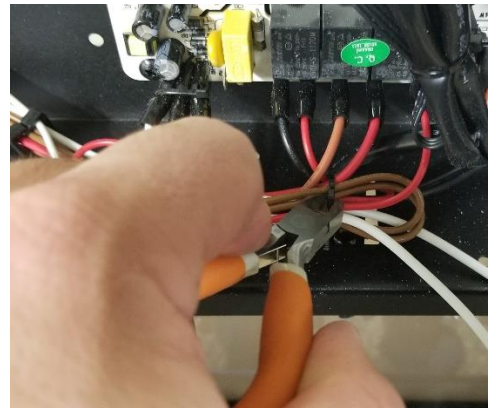
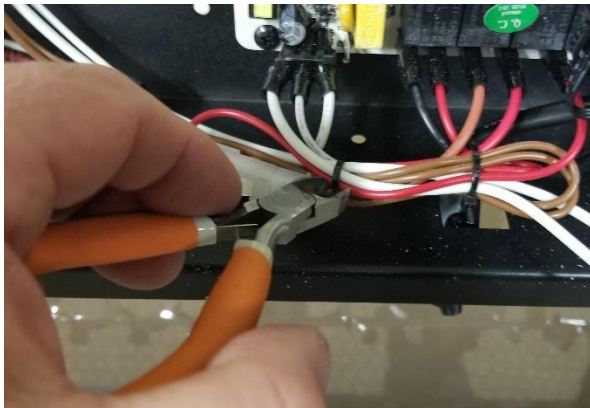
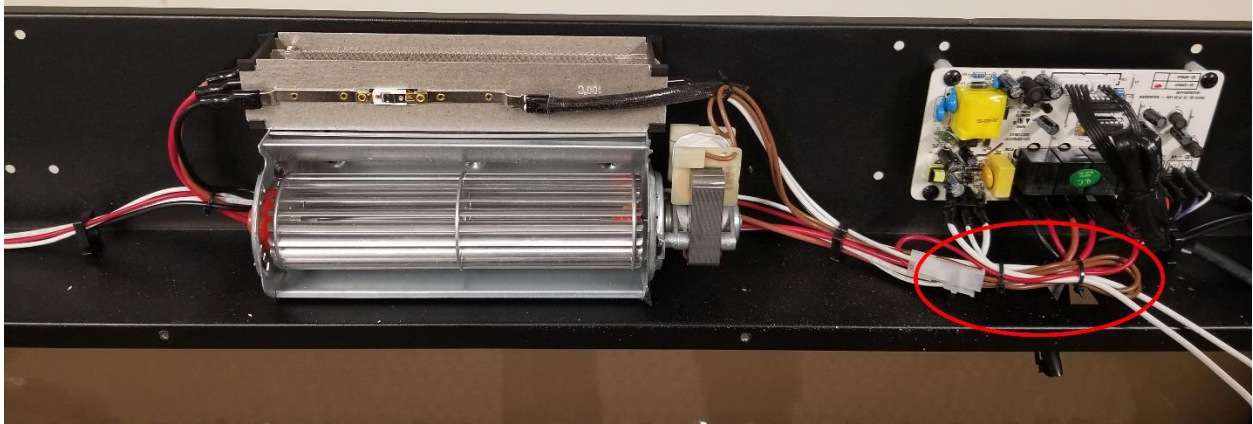
7. After removing the rear screws, the panel can be removed. There are 2 cables connecting the HEAT DISABLE switch on the back wall of the fireplace. Remove those 2 cables from the switch to fully remove the panel.



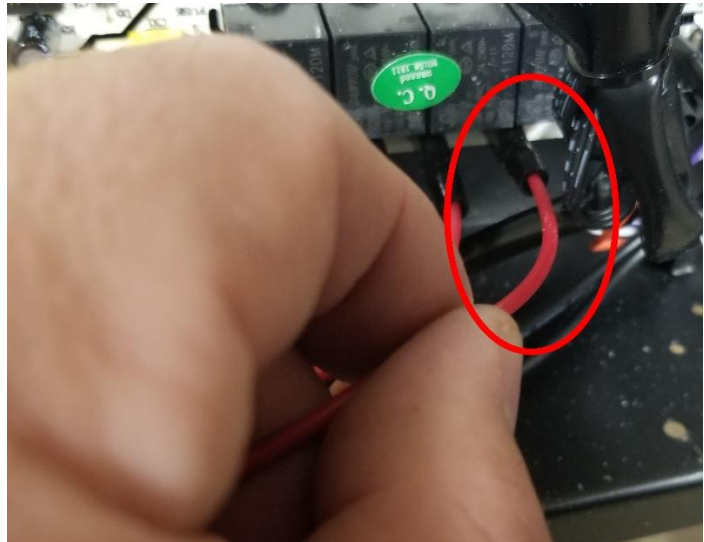
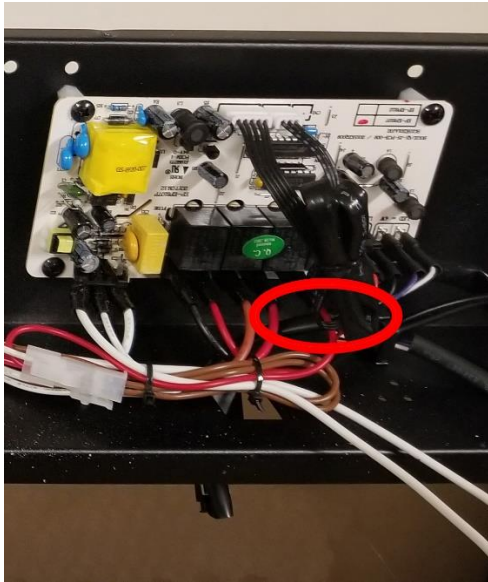
8. With the back panel removed, you will have access to the heater motor assembly.



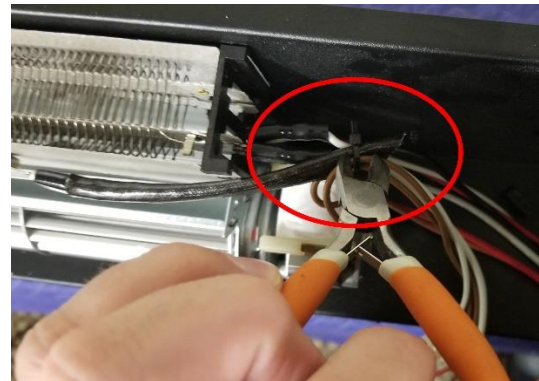
9. Locate the wire bundle near the control board and cut the wire ties holding the wire bundle together.



10. Remove the heater fan cable from the control board as shown below.



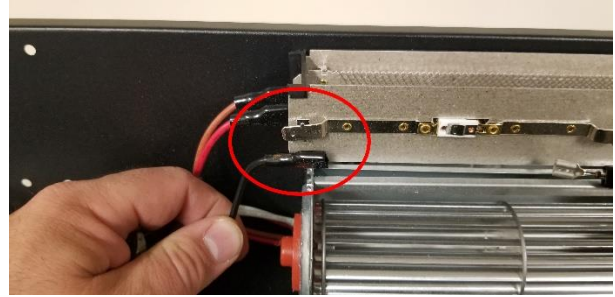
11. Cut the wire tie holding the wiring bundle near the heating element in place.



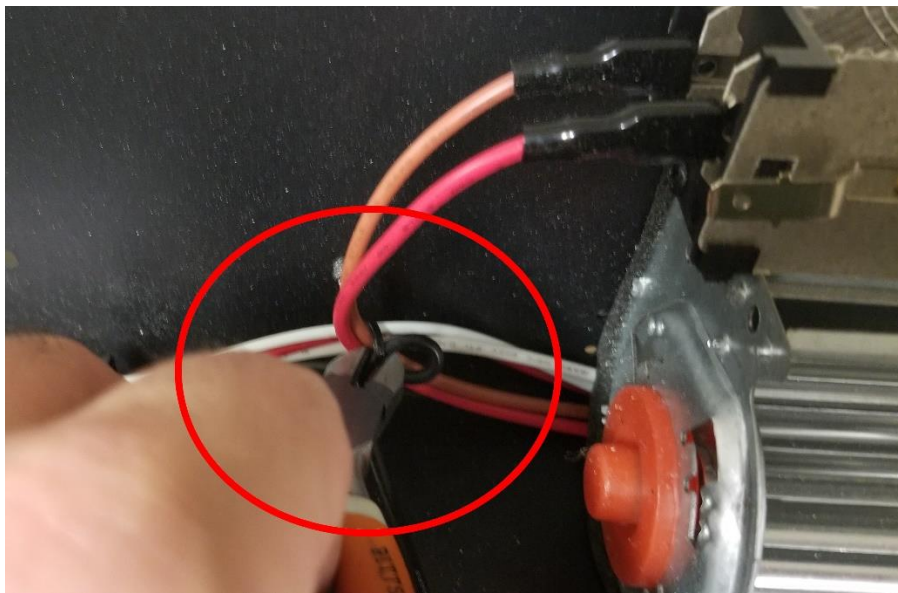
12. Remove the cable from the right side of the heater element.



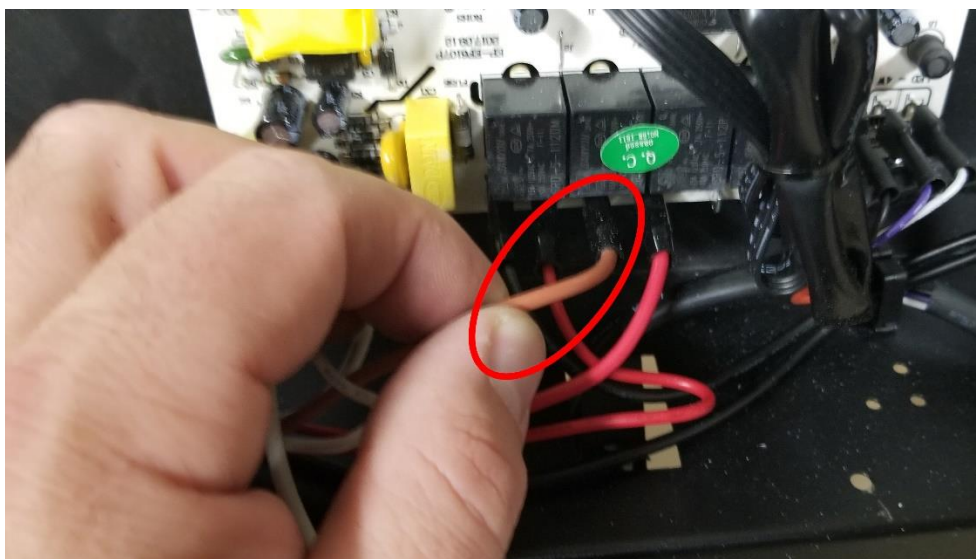
13. Remove the cable from the left side of the heating element.



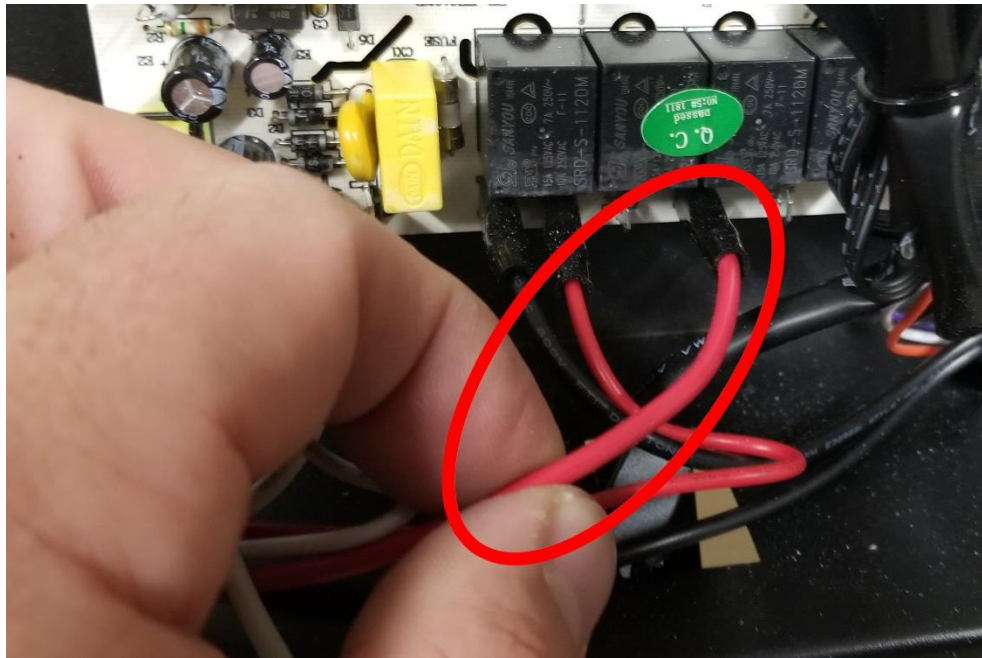
14. Cut the wire tie holding the wire bundle together



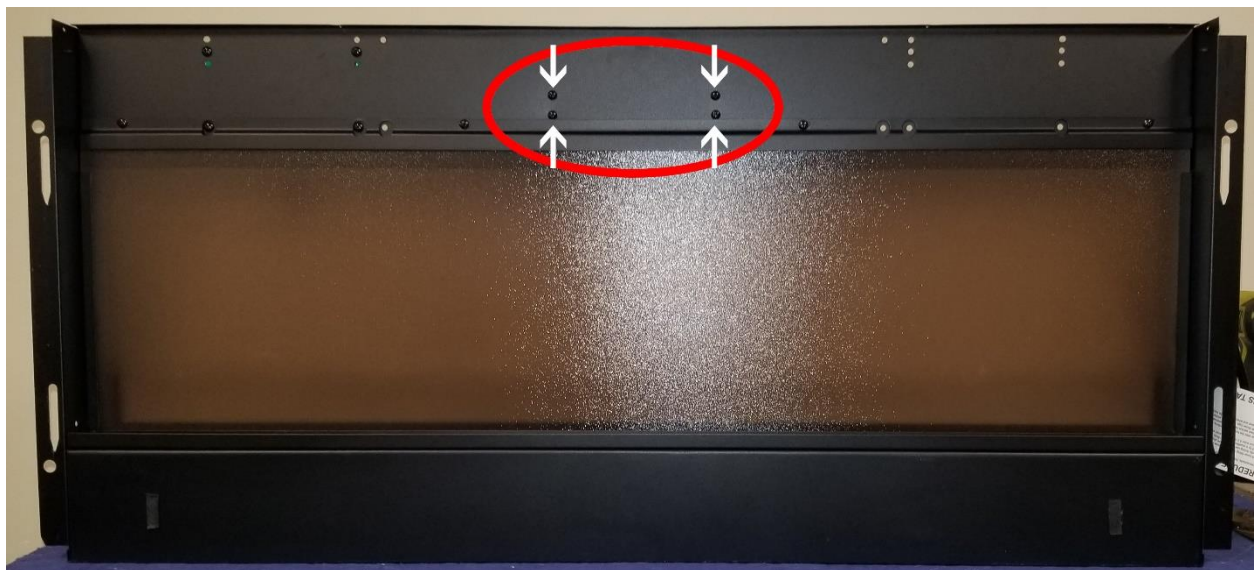
15. Remove HEAT1 (brown) cable from the control board.



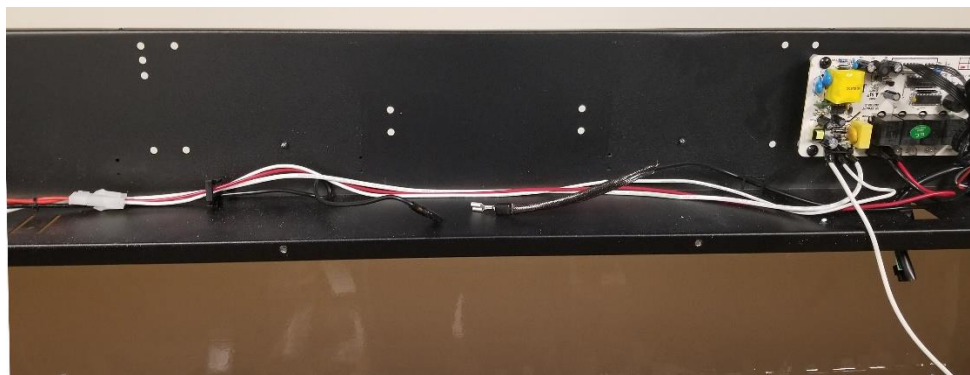
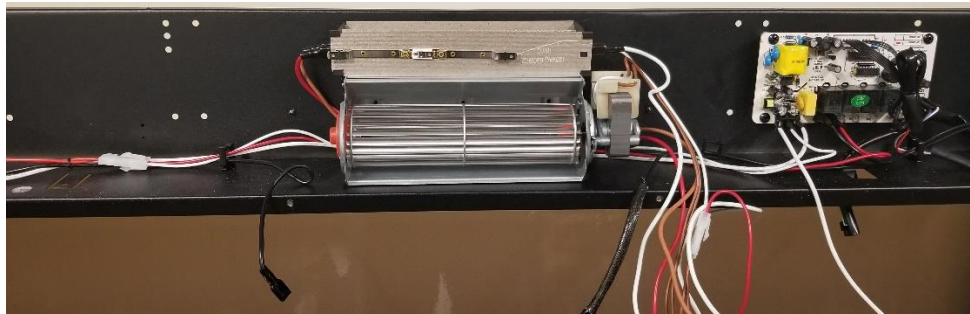
16. Remove HEAT2 (red) cable from the control board.



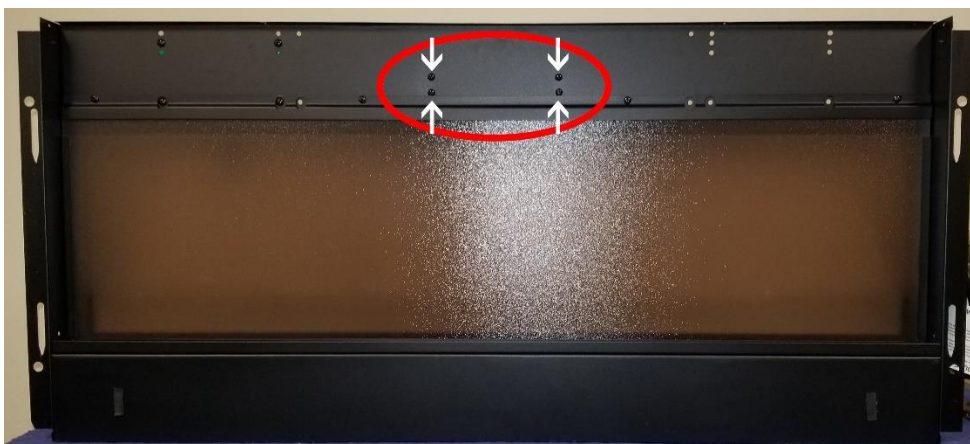
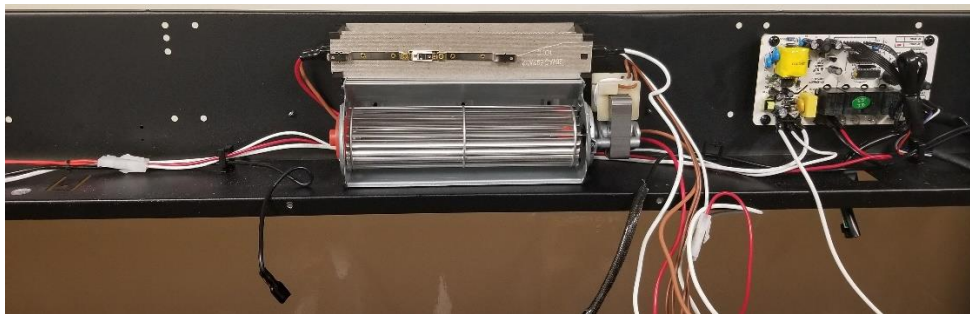
17. Turn the fireplace around and remove the 4 screws holding the heater motor in place.



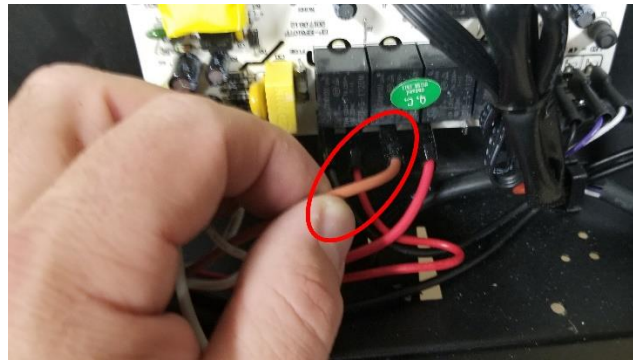
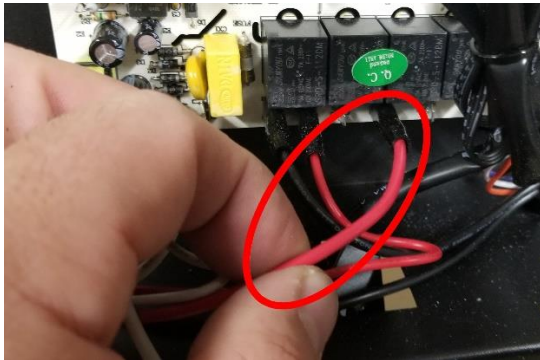
18. Once the 4 screws are removed, remove the heater motor assembly from the fireplace.



19. Place the new heater motor in the fireplace and route the red and brown cables behind the heater motor assembly. Reattach the 4 screws to the heater motor that was removed in step 17.



20. With the new heater motor installed, plug the HEAT 1 (brown) and HEAT 2 (red) cables into the control board.



21. Reattach the left and right black heater element cables that were removed in step 12 and 13 to the heater element.

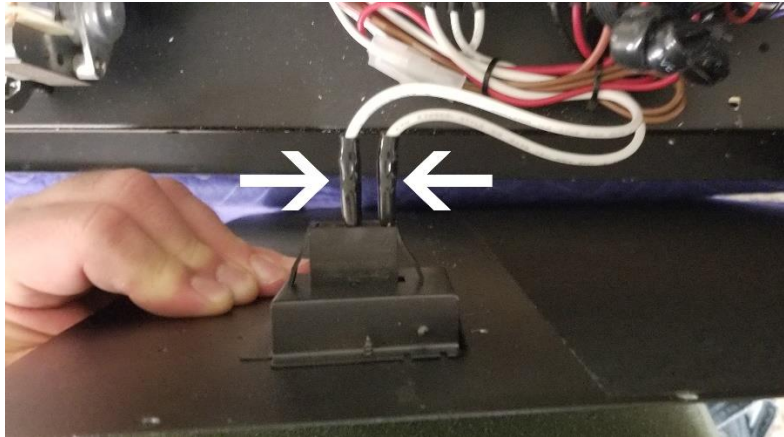


22. Reattach the red FAN cable to the FAN post on the control board.

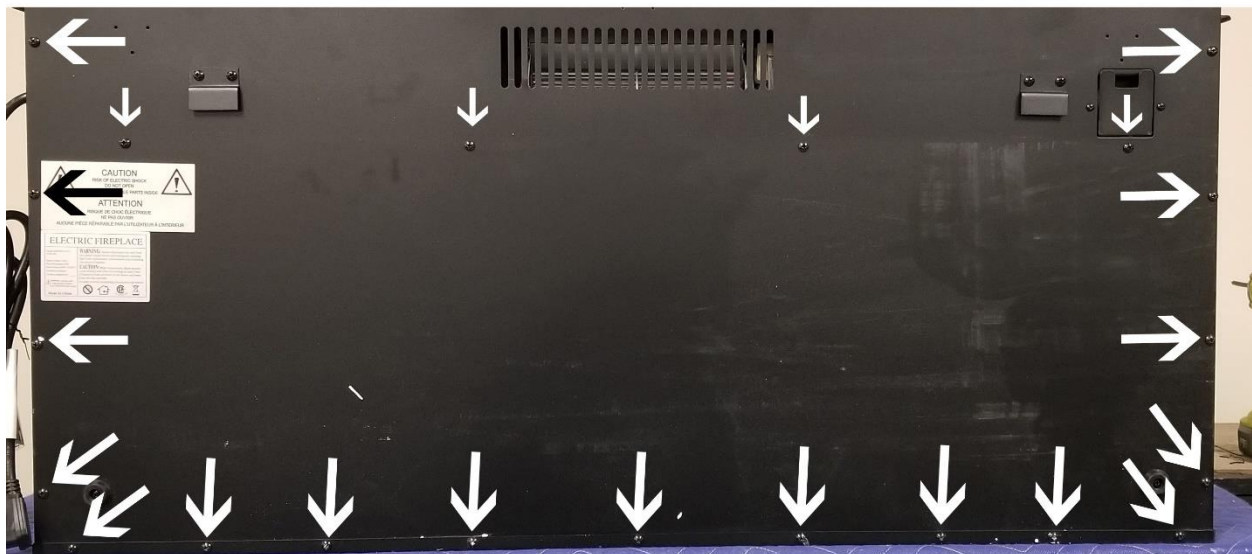




23. Reattach the 2 white cables to the HEAT disable switch on the back panel of the fireplace.



24. Reattach the back panel to the fireplace using a few screws and test the fireplace to make sure the heater is hooked up properly. If the heater is working properly, reinstall the remaining screws on the back panel.



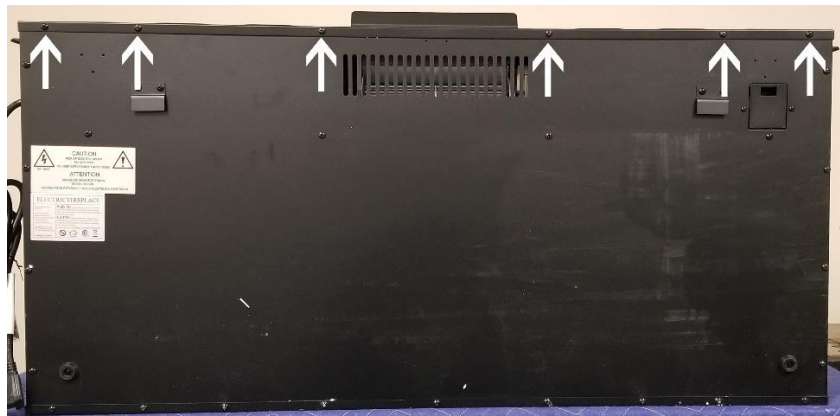
25. Once satisfied, reinstall the top panel on the fireplace by reinstalling the 2 top screws, 2 left screws, 2 right screws, and 5 back side screws.



a. Reinstall 2 top screws



b. 2 left side screws



c. 5 back side screws



d. 2 right side screws

26. Rehang the fireplace on the wall and test the fireplace before reinstalling the logs/crystals and glass panel.

**\*\*If you have any questions, contact the technical support department at Touchstone Home Products at 800-215-1990**