

Installation Instructions

COMBUSTION FAN

Replacement Procedure:

NOTE: Always Disconnect Power Before Performing Service Work

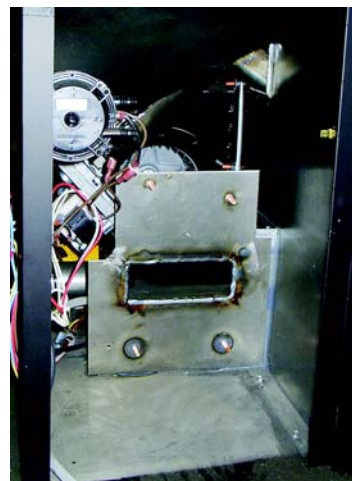
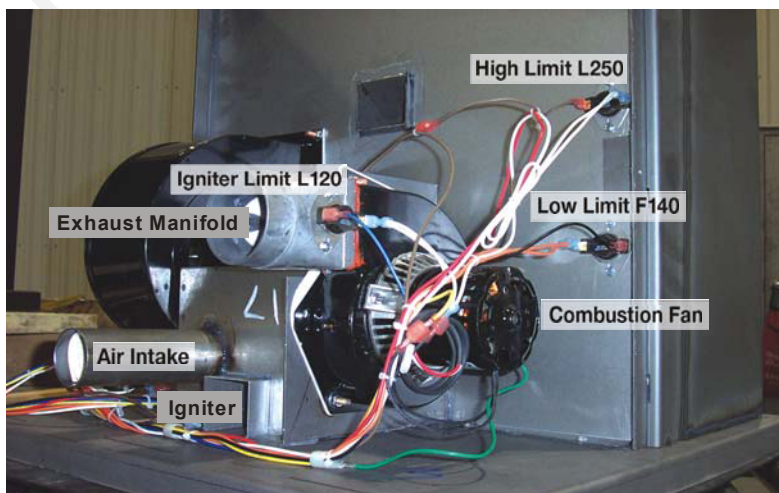
You may find it easier to remove the appliance from the venting, if already installed, and pull it away from the wall.

Tools Needed:

1/4" Hex Nut setter & Driver 7/16" Thin Deep Socket & Driver Putty Knife or Scraper
Side Cutters or Knife RTV Silicone - supplied

Removal Steps

1. Unplug the stove power cord from the wall outlet.
2. To gain access to the inside of the appliance, remove the 1/4" hex screws from the LEFT HAND SIDE PANEL. These are located on the back left hand side corner of the appliance.
3. Remove the 1/4" hex screw holding the wire harness clamp and the Green GROUND WIRE from the combustion fan. This is located on the base of the appliance and off to the left of the fan.
4. Carefully disconnect the Blue and Double White wires from the IGNITER/LOW Limit switch (L120) located on the combustion fan.. Be sure to hold firmly on both sides of each connection, then wiggle and pull free.
5. For ease of fan removal it may be necessary to disconnect the Brown and Double White wires from the HI Limit Switch (L250) and the Double Orange and Black wires from the FAN Limit Switch (F140). These switches are located on the back of the firewall.
6. For further ease of fan removal, you may find it necessary to disconnect the AIR TUBE from the Vacuum Switch.
7. Disconnect the Yellow and Double White wires from the Black Combustion Fan connections. You may have to use your side cutters to cut any wire clamps.
8. Remove the 4 x 7/16" nuts that attach the combustion fan to the exhaust mounting.
9. Remove the used 1/8" fibre gasket and ensure the mounting manifold is clean of debris.
10. Unscrew the 4 - 1/4" self-tapping hex screws holding the exhaust manifold to the combustion fan housing. You will have to cut the RTV Silicone securing the manifold to the fan housing as well.
11. The Igniter Limit (L120) can remain mounted to the exhaust manifold, but if found on the fan housing this will need to remove. Unscrew the 2 - 1/4" self tapping screws.

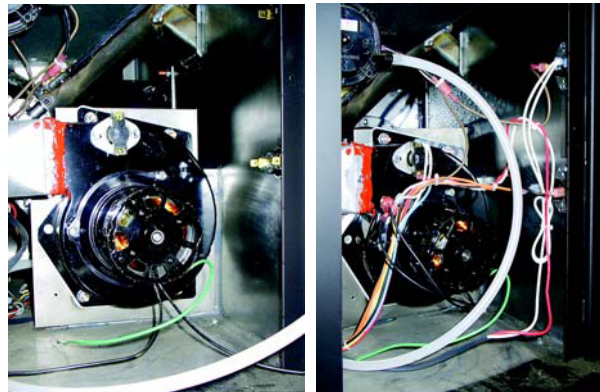


Installation Instructions

Replacement Procedure:

Installation of New Combustion Fan

1. Install the Exhaust Manifold, taken off the old fan housing, using the 4 - 1/4" self tapping screws and your 1/4" hex setter and driver. Use RTV silicone to seal around the manifold and around any screw holes. IT IS IMPORTANT TO ENSURE AN AIR TIGHT SEAL. See diagram below for location.
2. Install the Igniter/Low Limit (L120), if need to, using the 2 - 1/4" self tapping screws and your 1/4" hex setter and driver. Mount it directly on the fan housing. **Be sure not to drill into the fan blade.**
3. Install the new 1/8" FIBRE Gasket on the exhaust manifold, over the mounting bolts.
4. Install the new Combustion Fan. Hand tighten the 4 7/16" nuts to the mounting bracket. Be sure to mount fan to leave room for your socket to fit. Once tightened, then tighten snugly with your socket.
5. Re-connect the Brown and Double White wires to the HIGH Limit switch (L250). It does not matter to witch post, but to confirm see diagram below.
6. Re-connect the Double Orange and Black wires to the FAN Limit switch (F140). Again it does not matter witch post.
7. Re-connect the Blue and Double White wires to the IGNITER / LOW Limit Switch (L120).
8. Re-connect the Yellow and Double White wires to the Black wires from the combustion fan.
9. Re-connect the Green Ground wire to the base, using the 1/4" hex screw and harness clamp.
10. Re-connect the Vacuum Tube to the Vacuum switch. This should be hooked up to the plastic nibble marked "L". See Diagram to confirm.
11. Re-install the LEFT HAND PANEL.
12. Slide stove back into place.
13. Re-install the Approved PL Venting or Stainless Liner to the exhaust manifold of the combustion fan. Make sure ALL joints and connections are sealed using only HIGH TEMP RTV Silicone.



Final Step

Start -Up the appliance and go through the complete initial burn set-up procedures. The air inlet, combustion fan trim pod and fuel settings may no longer be correct; adjust as per your manual.

In the event you need more information please **contact DGI at 1-877-303-3134 or 1-866-456-9269** and ask for the Customer Service Department.