

SERVICE REPAIR KIT INSTALLATION INSTRUCTIONS

CONDENSATE CONTROL PAN KIT KIT NUMBER 47318668007 FOR 3 THRU 6 TON GAS HEAT UNITS

GENERAL

The following instruction provides all the necessary information to control condensation in the gas heat sections of the units listed above.

The kit includes:

- 1 Drain Pan (P/N 129446)
- 1 Tube of Red RTV (P/N 013-02836-000)
- 1 Installation Instruction (P/N 130485)

INSTALLATION

1. Disconnect all electrical power to the unit.
2. Turn off gas supply to the unit.
3. Remove the gas heat compartment access panel.
4. Disconnect gas line at the burner assembly.
5. Disconnect all wires going to the gas valve, labeling each as to it's location on the gas valve.
6. Disconnect the wires going to the flame igniter and flame sensor from the ignition modules. These wires will need to be removed from the gas control wiring harness as they will be remaining with the burner manifold assembly.
7. Remove the burner manifold assembly, lay aside being careful not to lose screws. See Figure 1.



FIGURE 1 - BURNER MANIFOLD

8. With burner assembly removed locate the large drain hole and screw in the lower right hand corner of the gas heat compartment. See Figure 2.

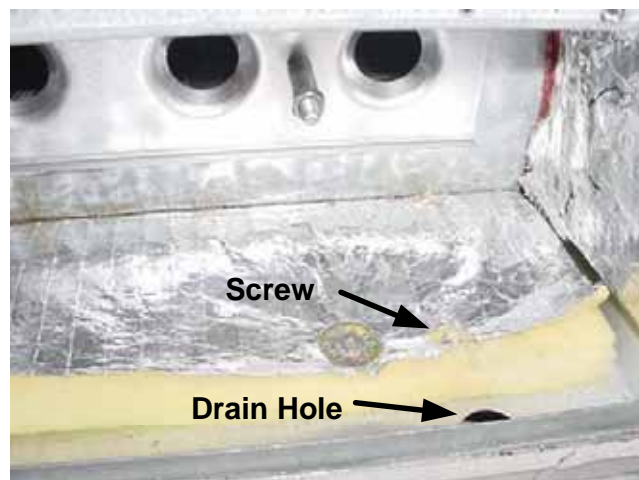


FIGURE 2 - DRAIN HOLE LOCATION

9. Using a sharp knife cut the insulation away from the screw as seen in Figure 3. Remove screw and save for installation of the pan.



FIGURE 3 - INSULATION REMOVED

10. Dry fit the condensate control pan shown in Figure 4.



FIGURE 4 - CONDENSATE CONTROL PAN

11. Remove drain pan. Turn pan upside down and apply a liberal amount of the Red RTV around the large slot located in the front of the pan. See Figure 5.

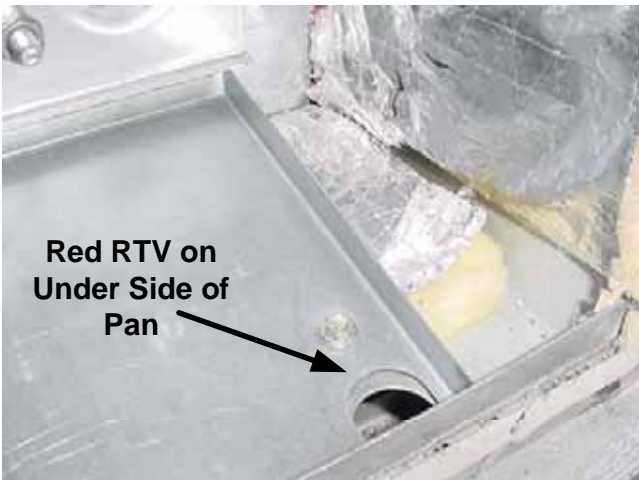


FIGURE 5 - RTV UNDER SIDE OF PAN

12. Install and secure with screw removed in Step 9. Wipe away excess sealant from around the pan drain hole to allow water to drain freely.
13. Seal all four corners and front and back edges with Red RTV as seen in Figure 6.

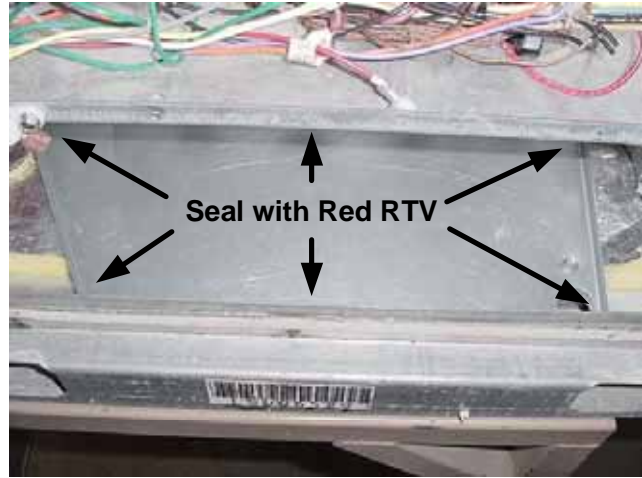


FIGURE 6 - EDGES OF CORNER TO BE SEALED

14. Replace the burner manifold assembly.
15. Connect all wires previously removed. Secure all wiring in a workman like manner.
16. Reconnect gas supply line.
17. Turn gas on and check for leaks.

⚠ WARNING

FIRE OR EXPLOSION HAZARD

Failure to follow the safety warning exactly could result in serious injury, death or property damage.

Never test for gas leaks with an open flame. Use a commercially available soap solution made specifically for the detection of leaks to check all connections. A fire or explosion may result causing property damage, personal injury or loss of life.

18. Close the gas heat compartment access panel.
19. Reconnect electrical power to the unit.
20. Test unit operation.