



HIGH ALTITUDE KIT
FOR MODELS 3163T AND 3163G

Part No.: 618982A

11. Disconnect the LP gas supply line from the refrigerator's manual shut-off valve.
See Figure 1.

CAUTION: To prevent gas leaks or damage to the gas supply lines and fittings, use two wrenches when connecting or disconnecting gas fittings.

12. Remove the three (3) screws securing the vent cover to the vehicle's exterior surface.
See Figure 2.
13. Remove the two (2) screws securing the inner disk to the vent terminal housing. See Figure 2.

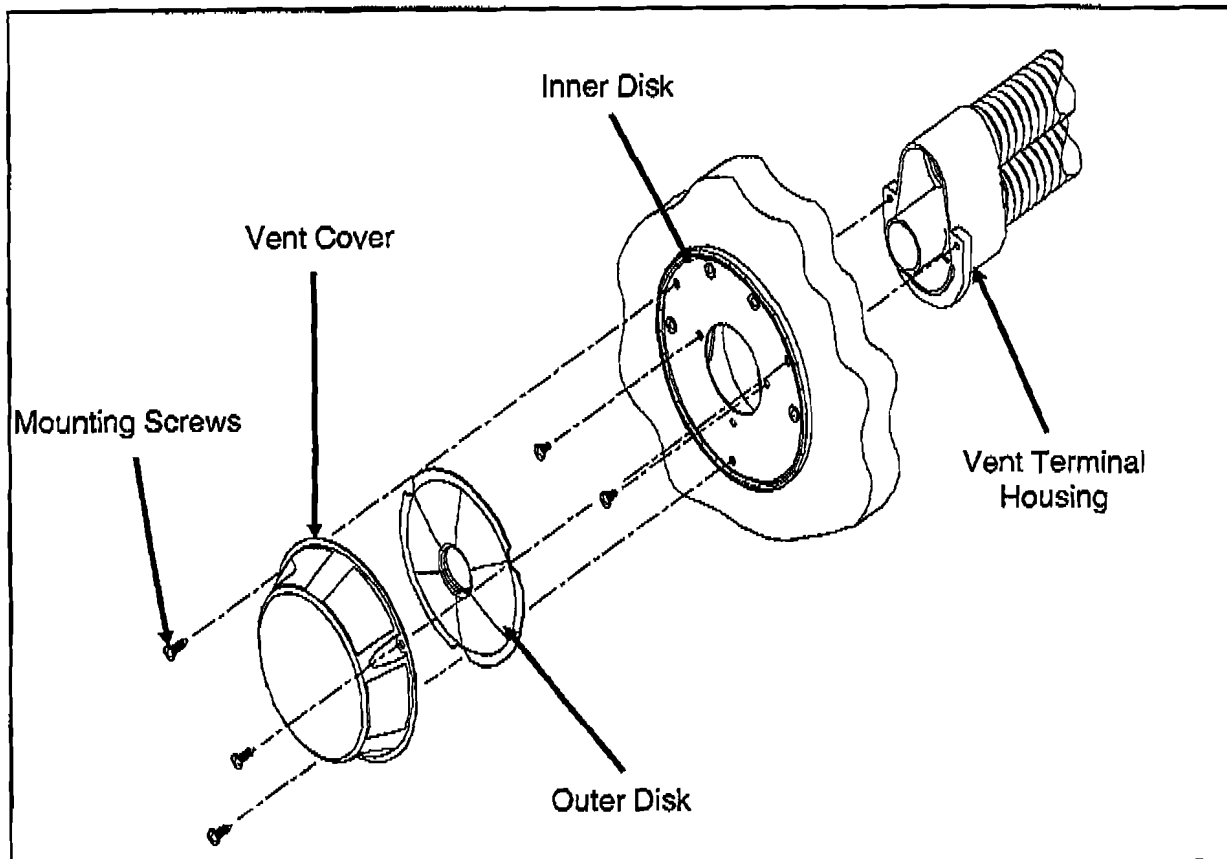


Figure 2 - Vent Terminal Housing

14. Carefully push the vent terminal housing inward until free from the vehicle's wall.
15. Carefully pull the refrigerator forward to gain access to the refrigerator's AC power cord. Disconnect the refrigerator's AC power cord from the wall receptacle.
16. Remove the refrigerator from it's enclosure.

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1. Turn off the gas supply at the main tank.
2. Turn the refrigerator's mode selector to "OFF".
3. Remove the refrigerator's system cover located on the left front of the refrigerator by removing 5 retaining screws.
4. Remove 5 retaining screws securing the refrigerator to the enclosure.
5. Remove the drawer directly above the refrigerator.
6. Turn the manual shut-off valve located on top of the refrigerator to "OFF". See Figure 4.
7. Disconnect the vehicle's 12 volt DC supply wires from the refrigerator's terminal block (Figure 1).
8. Disconnect the LP gas supply line from the refrigerator's manual shut-off valve. See Figure 4.

CAUTION: To prevent gas leaks and damage to the gas supply lines and fittings, use two wrenches when connecting or disconnecting gas fittings.

9. Disconnect the refrigerator's AC power cord from the wall receptacle.
10. Open the cabinet door to the left of the refrigerator. Remove the access panel at the rear of the cabinet. This will allow access to the refrigerator's vent-air intake and exhaust piping.

Note: Observe the routing of the existing flexible piping. It will be necessary to duplicate this configuration with the replacement tube.

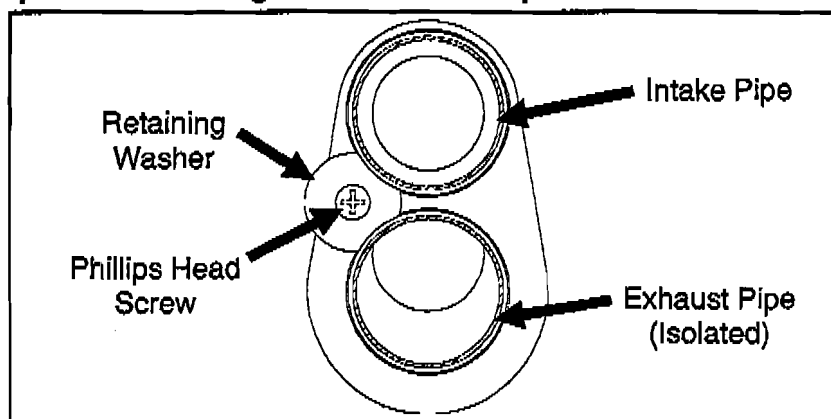


Figure 3 - Vent Terminal Housing

11. Remove the phillips head screw and retaining washer which secure the vent-air exhaust and intake flexible vent piping to the vent terminal housing. See Figure 5.
12. Remove both the intake and exhaust vent piping from the vent terminal housing.
Care must be taken not to damage the "O" ring seals when removing the piping.
13. Remove right dinette assembly cover panel to access the refrigerator retaining bracket. Reference "Right Dinette Assembly Cover Panel Removal" in the Interior Section
14. Loosen and remove the refrigerator's retaining screws at rear base of the refrigerator.
15. Position the flexible vent-air intake and exhaust piping to remove the refrigerator from its enclosure.

Installing the High Altitude Kit

1. Once the refrigerator is removed from its enclosure, lay the refrigerator on its side with the cooling unit facing up.
2. Using a 9/16" open-end wrench, loosen and remove the burner tube from the burner orifice.
3. Using a 1/2" open-end wrench, loosen and remove the burner orifice from the burner.
4. Using a phillips screw driver, remove screw securing spark ignitor to burner box. Remove spark ignitor.
5. Remove thermocouple by pulling it away from the burner box (retaining clip remains in burner bracket).
6. Remove 2 screws securing burner bracket to burner and using a 5/16 wrench remove 2 screws securing heat shield. Remove heat shield from burner box.
7. Using a Phillips screw driver, remove 8 screws securing burner box to the cooling unit.
8. Push burner bracket assembly forward into burner box.
9. Discard burner box with grommets. Save screws, orifice, burner bracket assembly, and spark ignitor for later installation.

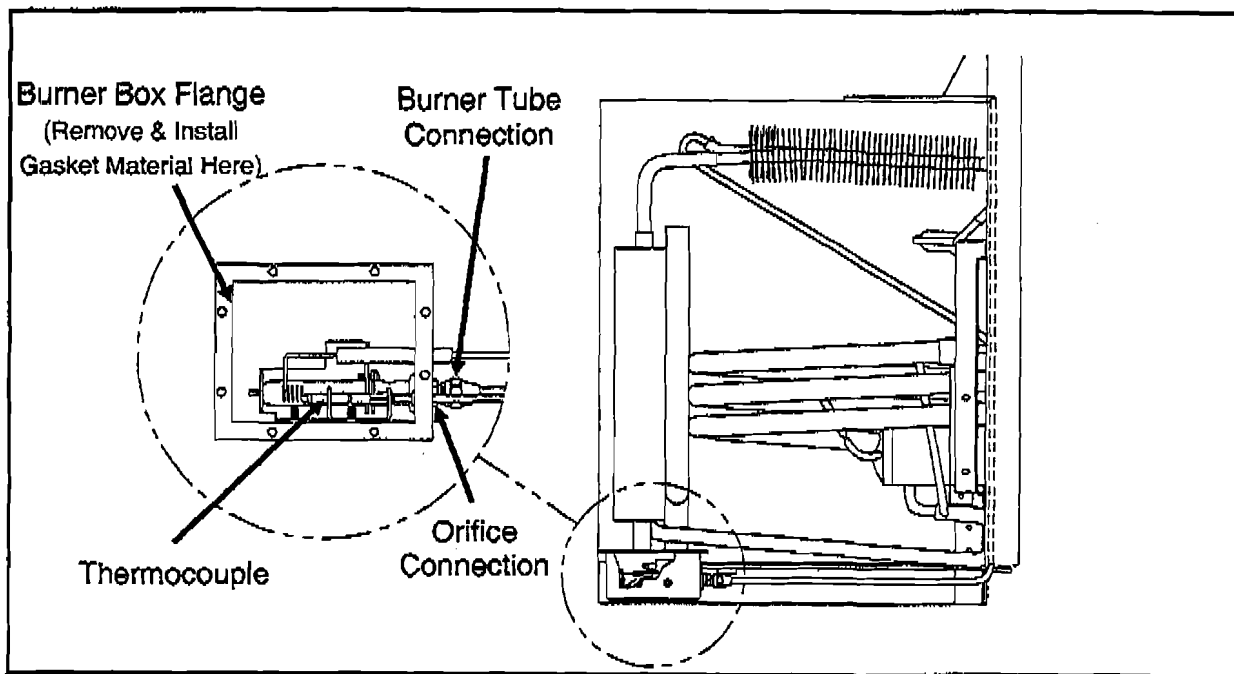


Figure 4 - View of Burner Box

10. Remove new burner box from kit.
11. Install burner bracket assembly to new burner box. Secure with two screws.
12. Install thermocouple into burner box. Position thermocouple tip over the first slot of the burner as illustrated in Figure 4 above. **Lubricate (Vaseline) thermocouple grommet for ease of thermocouple installation.**

Re-Installing Refrigerator

1. Slide the refrigerator halfway into the enclosure.
2. Proceed to slide the refrigerator into the enclosure while making sure the ventilation fan wires are not pinched or entangled. **Be sure to have 2" minimum clearance to any wiring or plumbing.**
3. Re-install the refrigerator by reversing the removal procedures.

NOTE: Insure that the "O" ring seals are on the ends of the flexible piping which connects to the vent terminal housing. When connecting the vent-air intake and exhaust piping to the vent terminal housing, connect the piping as follows:

Exhaust Pipe - This pipe is insulated and connects to the flue tube of the cooling unit. Route and connect to the bottom opening of the original vent terminal housing.

Intake Pipe - This pipe is ***not*** insulated and connects to the burner cover. Route and connect to top opening of the original vent terminal housing.

Vent Intake - This newly installed vent terminal connects to the bottom of the the burner box. Route and connect to bottom opening of the new vent terminal housing.

4. After connecting the vehicle's gas supply line to the refrigerator's manual shut-off valve, turn the valve on. Use a manometer and verify that the input gas pressure is at 11" W.C.
6. Turn off the gas supply at the manual shut-off valve. Observe the manometer to verify that the gas pressure is maintained for 5 minutes. If a gas leak is noted, apply leak test solution to all gas fittings and observe for signs of leakage. **Do not test for gas leaks with an open flame.** Correct any leaks and re-test the system.

When technical assistance is required, call 1-800-543-1219