

Installation Instructions for 49572A L.P. (Propane and Butane) Gas Conversion Kit

Converting 22,000 BTU/hr Gas Burners from Natural Gas to Liquefied Petroleum (Bottled Gas)

Parts included in Kit:

- 1 Instruction Sheet
- 1 Blocking Pin
- 1 Orifice, Burner-Butane No. 55
- 1 Orifice, Burner-Propane No. 54
- 1 Label, Rating Plate Conversion (English)
- 1 Label, Rating Plate Conversion (French)
- 1 Label, Conversion Record (English)
- 1 Label, Conversion Record (French)
- 1 Label, Burner Baseplate (English/French)

NOTE: This instruction sheet contains information for converting two different design gas valves. Read instructions thoroughly and follow steps.

Warning: This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. The information in these instructions must be followed to minimize the risk of fire or explosion or to prevent property damage, personal injury, or death. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with this kit.

NOTE: A qualified service technician is any person or representative of a company who is experienced or trained in servicing gas equipment and is familiar with necessary precautions.

Canada Only

THIS CONVERSION KIT SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROVINCIAL AUTHORITIES HAVING JURISDICTION AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE CAN-B49.1 AND CAN1-B149.2 INSTALLATION CODE.

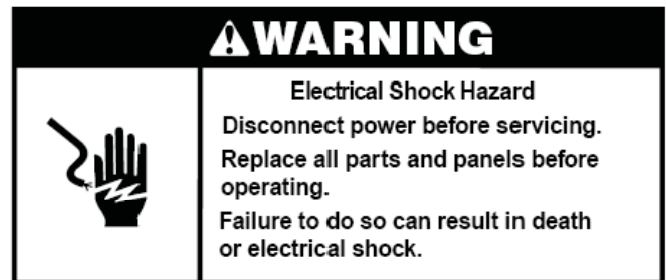
NOTE: Read these instructions before proceeding.

IMPORTANT: The LP Conversion Kit you received is an approved kit for converting your gas dryer from natural to LP propane or butane gas. The kit no. shown on the Burner Data Label located on the Burner Base may not match the kit you receive due to kit consolidation.

Do not use on burner assembly no. 693037.

This dryer has been manufactured for use with Natural (city) gas. Installation of this conversion kit converts the dryer for use with L.P. gas with manifold pressure of 10" water column and supply pressure between 8" and 13" water column. If this dryer is converted for use with L.P. gas by means of this kit, the input rating will be 22,000 BTU's per hour, for altitudes up to 10,000

feet. For installations above 10,000 feet, contact a qualified service agency



GAINING ACCESS TO BURNER ASSEMBLY

1. Unplug dryer or disconnect power.
2. Turn off gas supply using the shut-off valve that supplies the dryer.
3. Fill out information on conversion decal and apply in a conspicuous location adjacent to model and serial tag located in the door well.
4. Remove toe panel. On some models, a small flat-head screwdriver is required to release the clips at the top of the toe panel. Then proceed to step 10. If dryer has full front panel proceed to step 5.
5. Remove the lint screen. Remove the two (2) screws from the lint screen area.
6. Raise dryer top by pulling forward on the back corners and up on front corners (top is hinged at rear). Lean dryer top toward the wall, taking precautions not to damage the dryer top or wall. Position top so it cannot fall.

- Remove wire harness clip and door switch wires from front panel.
- Remove the two (2) internal screws from the upper inside edge of the front panel flanges. Using gloves, lift front panel off the lower clips (front of drum will drop slightly). Set front panel aside. See *Figure 1*.

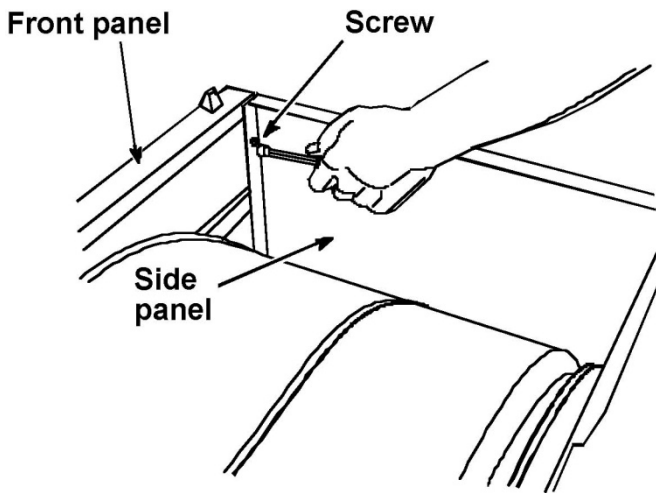


FIGURE 1

- Remove drum belt by lifting idler pulley upward and sliding belt off of motor pulley. Remove drum from cabinet. See *Figure 2*.

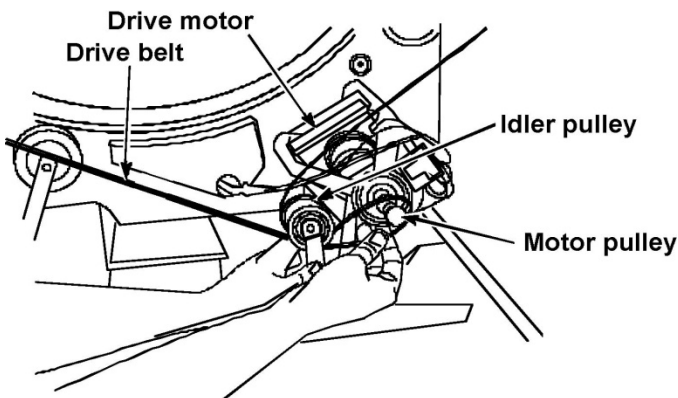


FIGURE 2

- Disconnect ignitor connector from the main harness ignitor connector. See *Figure 3*.

NOTE: The ignitor is fragile.

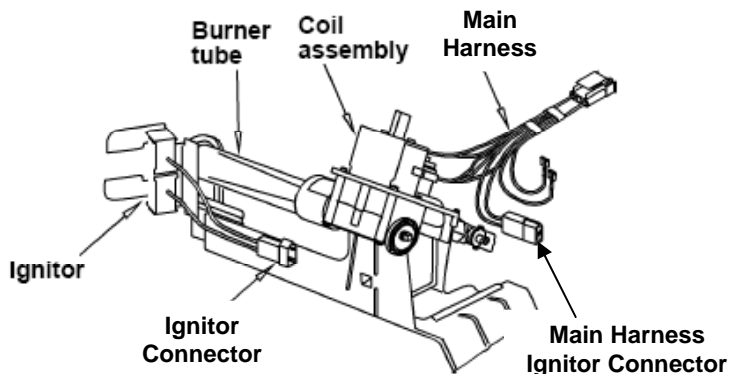


FIGURE 3

- Remove the burner tube from the burner assembly by removing two (2) screws securing it to the burner base. See *Figure 4*.

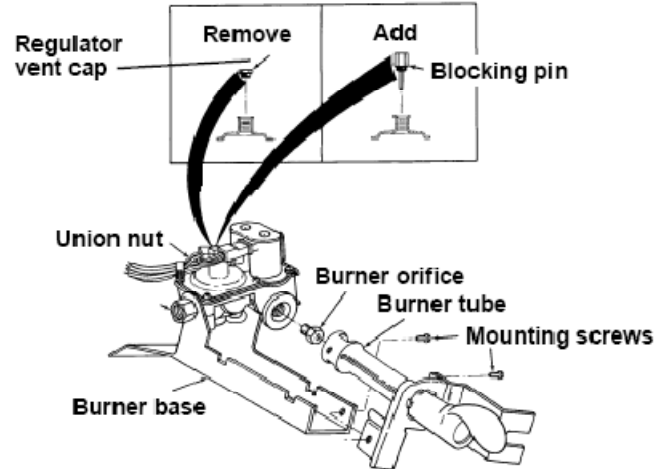


FIGURE 4

CHANGING THE ORIFICE

- Remove the burner orifice from the valve and replace it with the proper orifice furnished in this kit. Orifice number is stamped on one edge of the hex head of orifice. Securely tighten. See *Figure 4*.

Use Orifice No. 54 for Propane gas.

Use Orifice No. 55 for Butane gas.

- Put the burner tube back on the burner assembly. Securely tighten the two (2) mounting screws. Reconnect the ignitor to the harness. See *Figure 3* and *4*.
- Before proceeding, you must first determine which gas valve style is on the unit. Refer to *Figure 5 - Style "A" and "B"*.

BLOCKING PIN

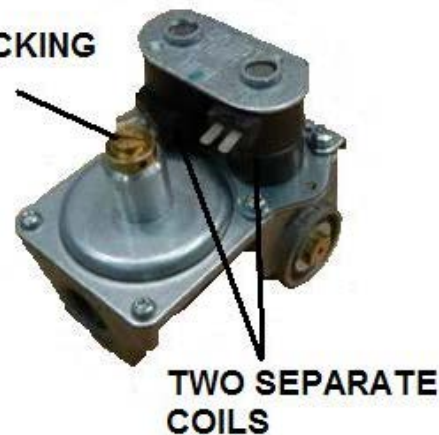


FIGURE 5 - STYLE "A"

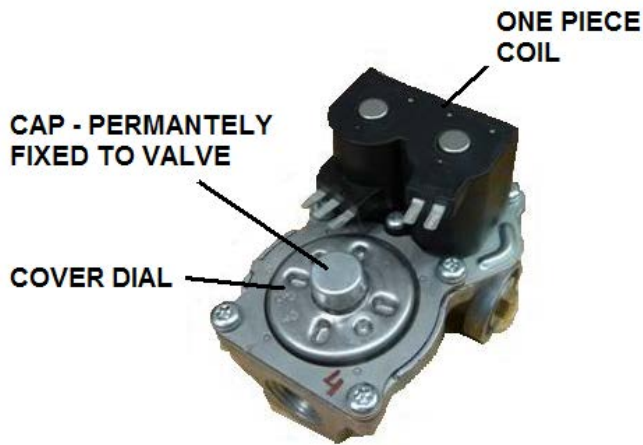


FIGURE 5 - STYLE "B"

19. Position a pair of bend pliers into the slots of the cover dial. See Figure 6.

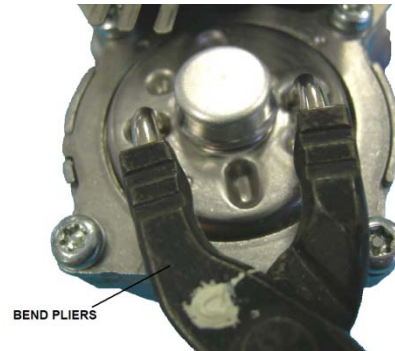


FIGURE 6

20. Rotate cover dial 25 degrees counter clockwise lining up "LPG" marking with the indicator on the gas valve. See Figure 7.

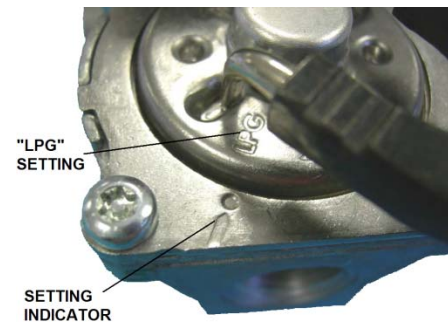


FIGURE 7

21. Apply English or French conversion label on top of the burner data decal located on the burner baseplate.

NOTE: The blocking pin included with this kit is NOT used with Style "B" gas valve.

NOTE: IF YOUR GAS DRYER HAS STYLE "A" FOLLOW STEPS 15 TO 17. FOR STYLE "B" FOLLOW STEPS 18 TO 21.

STYLE A GAS VALVE CONVERSION

15. Remove the regulator vent cap (leak limiting device) from the pressure regulator. See Figure 4.
16. Install the new blocking pin finger-tight. Do not tighten more than 1/8 turn to seal it. See Figure 4.
17. Apply English or French conversion decal on top of the burner data decal located on the burner baseplate.

NOTE: Proceed to next section 'Installation Checklist'

STYLE B GAS VALVE CONVERSION

18. Observe the cover dial settings indicated as NG (Natural gas) and LPG (Liquefied Propane gas) along with the gas type indicator. See Figure 5.

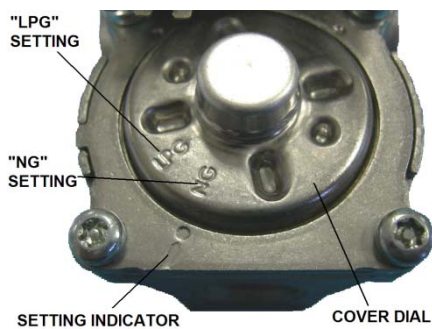



FIGURE 6

Installation Checklist

- Check that both labels have been installed as described in steps 3, 17 or 21
- If converting to Propane, check that the number 54 is not marked on either of the remaining orifices. If converting to Butane, check that the number 55 is not marked on either of the remaining orifices.
- Check that the regulator vent cap has been replaced by the blocking pin as in Figure 4. (Style "A" application only)

⚠ WARNING



Explosion Hazard

Use a new CSA International approved gas supply line.
Install a shut-off valve.
Securely tighten all gas connections.
If connected to LP, have a qualified person make sure gas pressure does not exceed 13" (33 cm) water column.
Examples of a qualified person include:
licensed heating personnel,
authorized gas company personnel, and
authorized service personnel.
Failure to do so can result in death, explosion, or fire.

Pressure Test

Check minimum and maximum inlet gas pressures:

- Remove pressure tap plug from gas valve body.
- Insert pressure tap finger tighten and connect monometer hose to the end of the nipple.
- Turn on gas supply. If your dryer is equipped with manual valve, make sure that it is in the on position.
- Verify gas inlet pressure is between 8" and 13" water column.
- Turn off gas supply. If your dryer is equipped with manual valve, make sure that it is in the off position.
- Remove monometer and pressure tap and replace plug.

Leak Check

- Turn on gas supply. If your dryer is equipped with manual valve, make sure that it is in the on position.
- Brush or spray a soap and water solution onto pressure tap and union nut and inspect for leaks indicated by growing bubbles.
- If dryer was moved during conversion, use this same method to check for leaks in the flexible gas supply line and any fittings between the dryer and the gas supply pipe.
- If any bubbles are present, tighten the leaking connection and retest for leaks.

22. Place drive belt around drum. Install drum into dryer and finish installation of belt to pulley. Lift idler pulley upward, loop end of belt under idler, then slide belt onto motor pulley. See Figure 8.

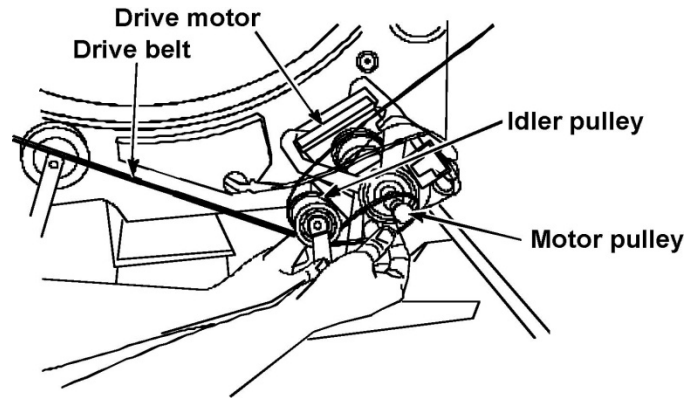



FIGURE 8

⚠ WARNING



Fire Hazard

Never operate dryer without rear drum seal in place.
Align rear drum seal as shown below.
Failure to follow these instructions can result in death or fire.

23. Place a small screwdriver or putty knife under the seal at the top of the bulkhead. Turn the drum by hand one full turn (counterclockwise), making sure the rear seal is riding on the bulkhead and not turned under. See Figure 9.

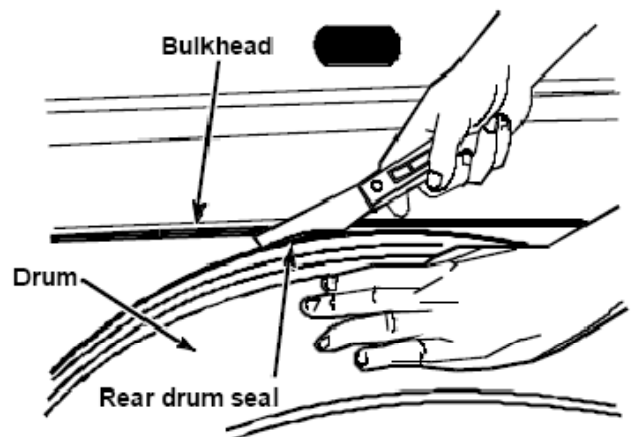


FIGURE 9

24. Reassemble the front panel in the reverse order. (Refer to steps 7 and 8).

Before closing top, check the following:

- a. Belt should be centered and tight on drum.
- b. Wire clips holding the door switch wires must be anchored in slot in top of front panel and along top edge of side panel. See *Figure 10*.

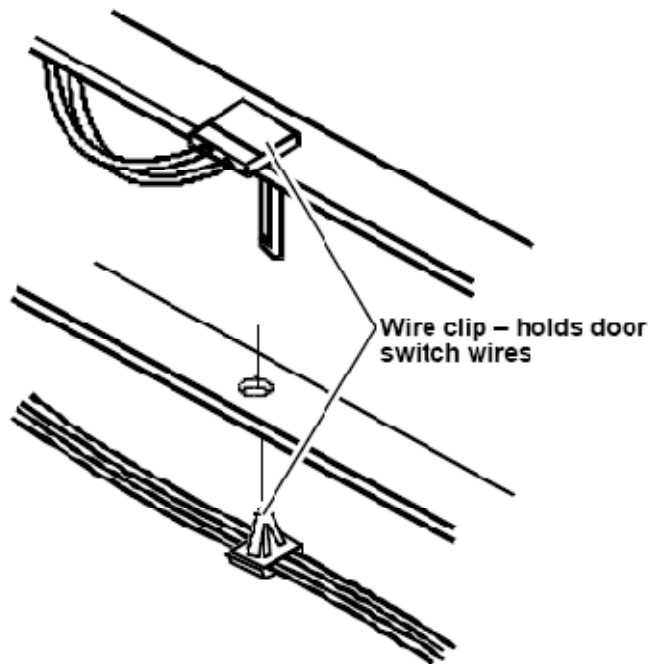


FIGURE 10

- c. Make sure door switch leads are connected.
- d. Close top, reinstall the two (2) screws in the lint screen area and reinstall lint screen

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

25. Plug in dryer or reconnect power.
26. To make sure the dryer is working properly:
 - a. Turn on dryer.
 - b. Run on high for 5 minutes.
 - c. Check for heat in drum.

