

Models:
LPK-LUX60
Conversion Kit for LUX60



These conversion kits have been tested for use with the LUX60. Check with your local building code agency before you begin installation to ensure compliance with local codes, including the need for permits and follow-up inspections. If you encounter any problems regarding code approvals, or if you need clarification of any of the instructions contained here, contact your Hearth & Home Technologies Inc. dealer. For the dealer nearest you, please visit www.heatnglo.com.

WARNING:

This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable code and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. 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 the kit.

CAUTION! Risk of Cuts, Abrasions or Flying Debris. Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

Note: An arrow (➡) found in the text signifies change in content.

Kit Contents	Qty
LP Pilot Orifice	1
.025 Burner Orifice (LP)	1
.046 Burner Orifice (LP)	3
Conversion Label	1
Actuator Pin Kit	1
➡ Regulator	1

- | Tools Required |
|--------------------------|
| Phillips screwdriver |
| Straight screwdriver |
| 7/16, 3/8 & 1/2 wrenches |
| ➡ T-20 Torx screwdriver |
| ➡ Manometer |

Note: The LPK-LUX60 is for a onetime conversion only. Discard unused parts.

A. Fuel Conversion (to LP gas)

Before making gas connections, ensure appliance being installed is compatible with the available gas type.

Any natural or propane gas conversions necessary to meet the appliance and locality needs must be made by a qualified technician using Hearth & Home Technologies specified and approved parts.

Note: Gas conversions should only be performed by a qualified service person, and/or where required by state and local codes, licensed installer/service technician. In the Commonwealth of Massachusetts, installation must be performed by a licensed plumber or gas fitter.

- Turn gas cock to the OFF position.
- Remove surround "L" pieces and inner frame (refer to SSF-LUX60-BK Surround Kit install).
- Remove glass assembly
- Remove glass rock and retain for reuse.
- Remove access covers at base of burner tubes by removing the two screws on each plate. See Figure 1.

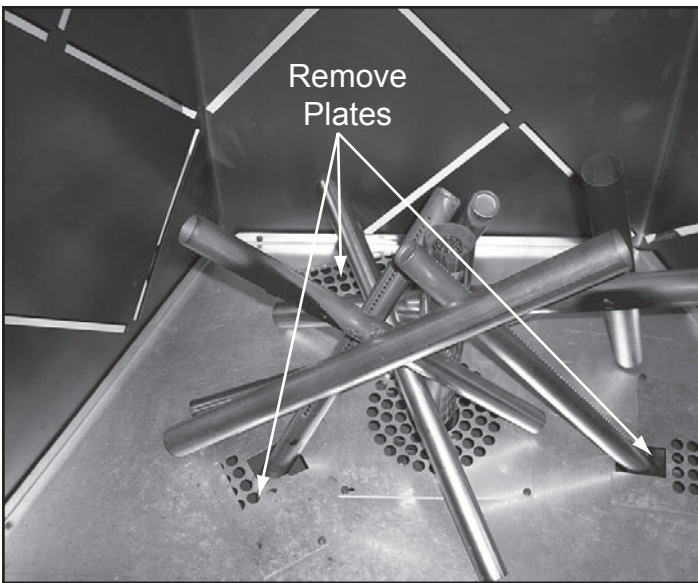


Figure 1 Remove Access Covers

- Remove the outside burner tubes by removing the two screws that hold burner tubes in place. See Figure 2.

Note: Burner tubes are not interchangeable. Mark each tube and its location before removing. See Figure 8.

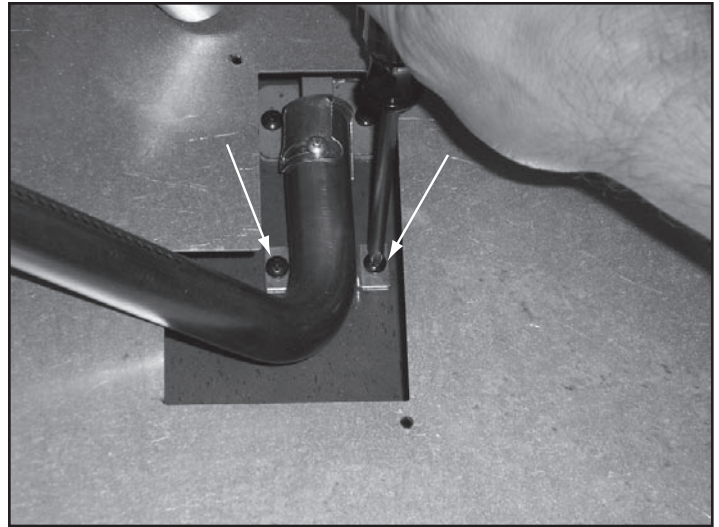


Figure 2 Remove Outside Burners

- Remove the decorative steel log assembly by removing the three screws on center access plate. Carefully lift the log assembly up from the center burner tube. See Figure 3.



Figure 3 Remove Decorative Steel Log Assembly

- Remove the center burner tube by removing two screws holding it in place. See Figure 4.

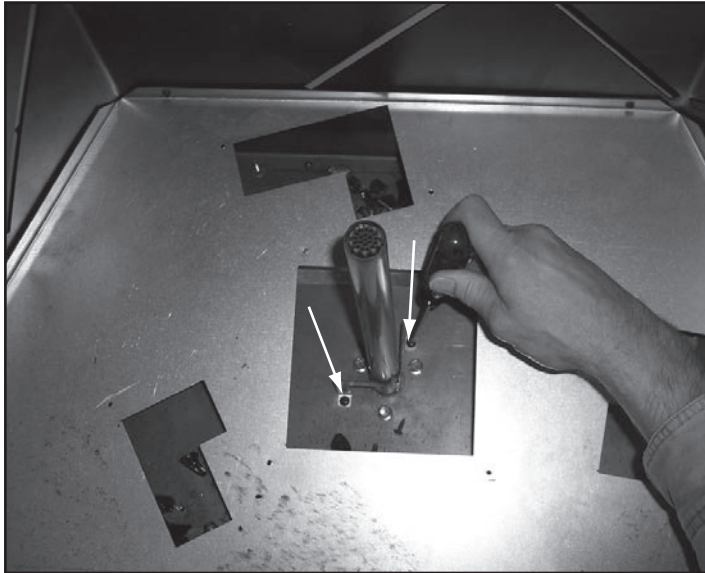


Figure 4 Remove Center Burner Tube

- Remove two screws holding the pilot assembly in place. Carefully lift the assembly to access the pilot tube compression nut as shown in Figure 6.

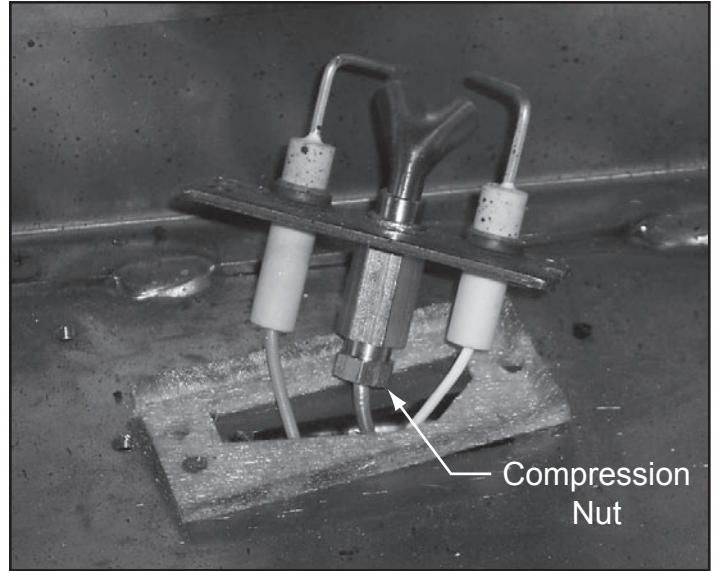


Figure 6 Access Pilot Tube Compression Nut

- Remove seven screws holding the hearth sheet. Lift and tilt the back of the hearth sheet forward and out of firebox (avoid scratching refractory panel).
- Remove pilot shield by removing the four screws holding it in place (Figure 5).

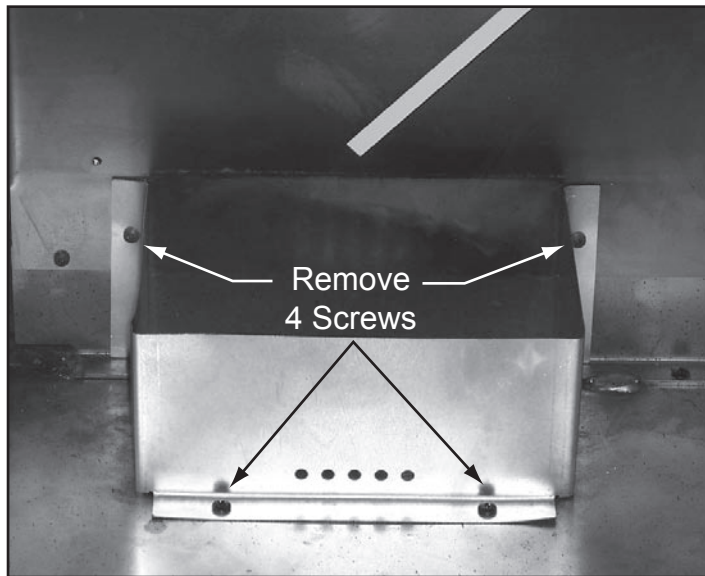


Figure 5 Remove Pilot Shield

- Remove pilot tube with 7/16 in. wrench and remove pilot orifice. Replace with LP pilot orifice.
- Reattach pilot tube and tighten compression nut.
- Replace pilot assembly (make sure pilot is facing the rear of the firebox).
- Remove center burner orifice with the 3/8 in. wrench and replace with the .025 orifice.
- Remove the three outside orifices and replace with the .046 orifices.
- Replace the pilot shield.
- Replace the hearth sheet.
- Open the air shutters on all burner tubes to 3/8 in. open (see Figure 7).

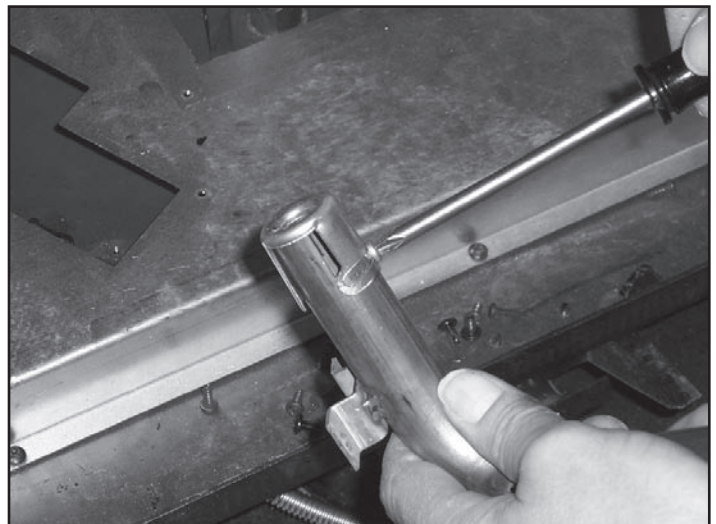


Figure75 Adjust Air Shutters

- Replace center burner tube.
- Replace decorative steel log set.
- Replace outside burner tubes (note that the burner tubes are designed to only fit in their correct locations. Do not mix locations. See Figure 8 for the correct position of each burner tube.

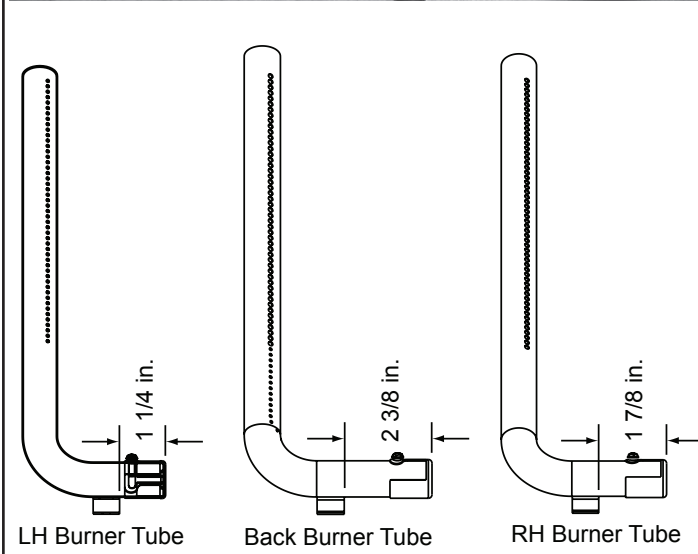
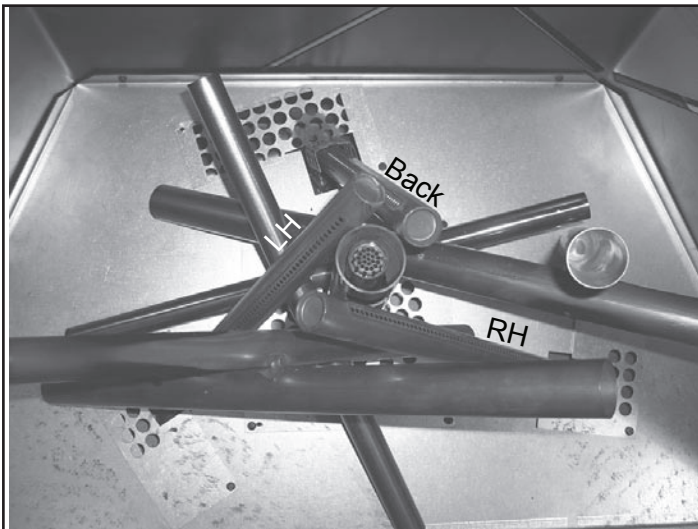


Figure 8 Burner Tube Identification

- Replace access plates.
- Replace glass rock.

➔ B. Convert the Valve

- Remove green main wire from valve.
- Loosen locknut on the HI-LO solenoid using a 1/2 in. wrench.
- Remove solenoid by turning counterclockwise.
- Remove the natural regulator head by removing the two Torx screws that hold regulator to valve (see Figure 9).
- Replace old gasket with the new one provided with kit.
- Install LP regulator head to valve and replace Torx screws.
- Replace blue solenoid pin with red pin.

- Place the brass ring on the solenoid stem, screw solenoid onto regulator approximately two full turns.
- Loosen manifold pressure tap and attach manometer hose to tap.
- Replace green main wire to valve.
- Turn on gas and electricity to appliance.
- Light appliance (you must use remote).
- Adjust pressure by screwing solenoid in or out until manometer reads 10.0 in. w.c.
- Tighten lock nut with 1/2 in. wrench. Do not over tighten.
- Remove manometer hose and close pressure tap.
- Install identification label (Figure 10) near the valve.

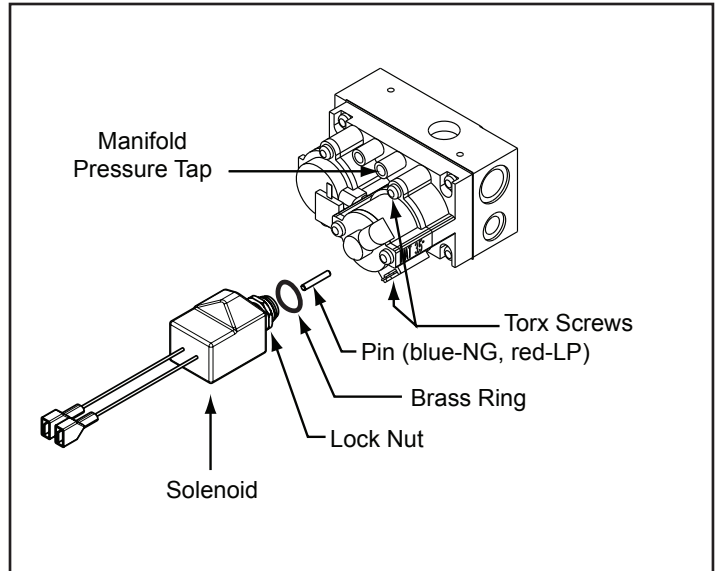


Figure 9 Valve Components

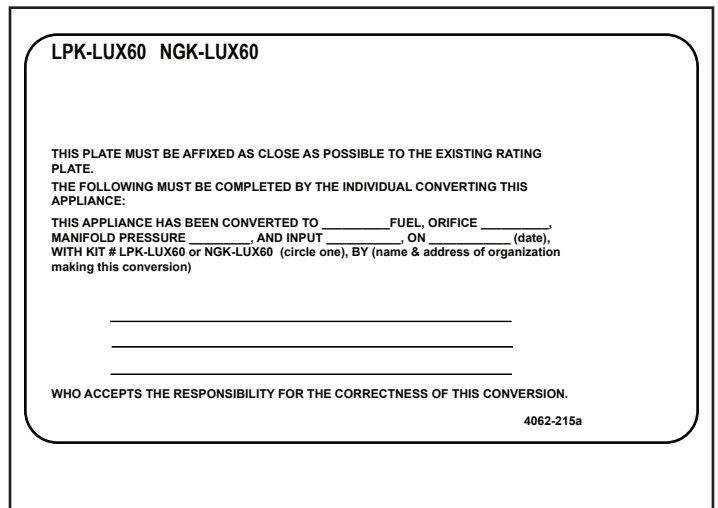


Figure 10 Identification Label