

IPI Propane to Natural Gas Conversion

Models: SL-750TR-IPI-C or D, SL-750TV-IPI-C or D

Conversion Instructions

This conversion shall be installed by a qualified service agency.

Any damaged valve components should not be installed. If a valve or regulator has been dropped or appears to have been modified, the valve or regulator should not be installed.

Conversion Component list:

- NG Burner Orifice: #42 DMS
- Pilot Orifice
- Gas Valve Regulator
- Natural Gas Conversion Plate
- NG Label

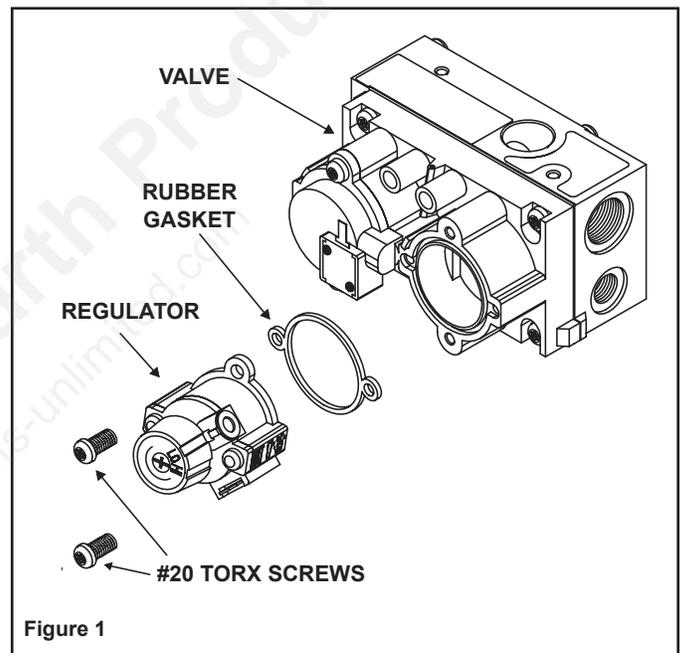
CAUTION: THE GAS SUPPLY SHALL BE SHUT OFF PRIOR TO DISCONNECTING THE ELECTRICAL POWER BEFORE PROCEEDING WITH THE CONVERSION.

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.

Procedure for conversion:

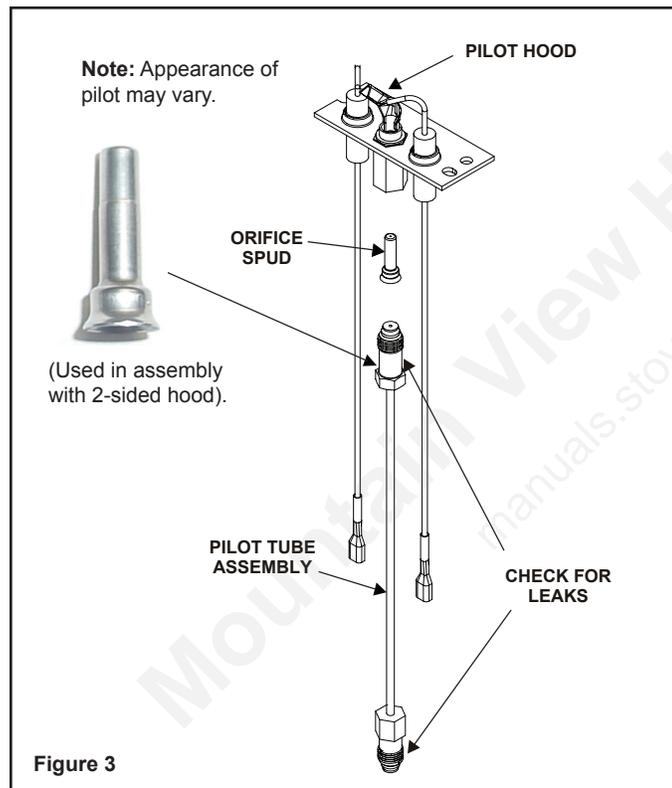
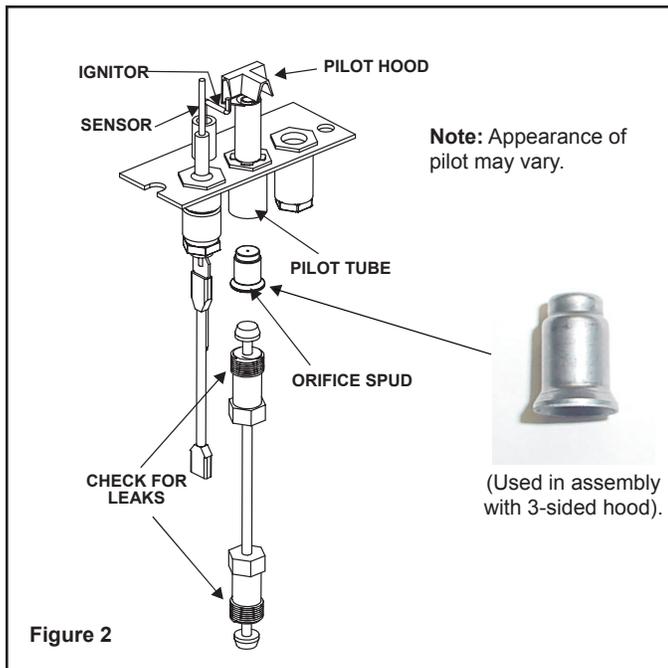
1. Turn off power to module and valve by unplugging 3V transformer from junction box.
2. Turn off gas to valve. Red gas shutoff knob is located on ball valve.
3. Remove the logs, grate and refractory from the unit.
4. Using a #20 tamper-proof Torx screwdriver, remove the regulator and rubber gasket on face of valve (see Figure 1). Discard both the regulator and gasket.
5. Install the rubber gasket and new regulator included in the conversion kit. Be sure the gasket is seated properly (see Figure 1).



6. If the pilot is attached to the burner, remove the back plate on the pilot bracket and the screw holding the pilot. Slide the pilot to the right and the back, freeing it from the pilot bracket and burner.
7. Remove burner by removing the screw on each burner leg. Slide the burner to the right and remove it from the fireplace making sure not to pull the pilot with it. Remove the orifice from the orifice holder and replace it with the orifice provided in this kit.

NOTE: Observe the difference in shape and size of pilot orifice spuds provided with kit. Replace orifice with one that is same shape.

8. Unscrew the pilot tube fitting on the pilot and replace the orifice spud with the one included in the conversion kit (see Figure 2 & 3).



9. Place the round NG label over the round LP label on the bottom base pan. Place the Natural Gas Conversion Plate adjacent to the existing rating plate.
10. Unplug the green wire from valve.

⚠ WARNING

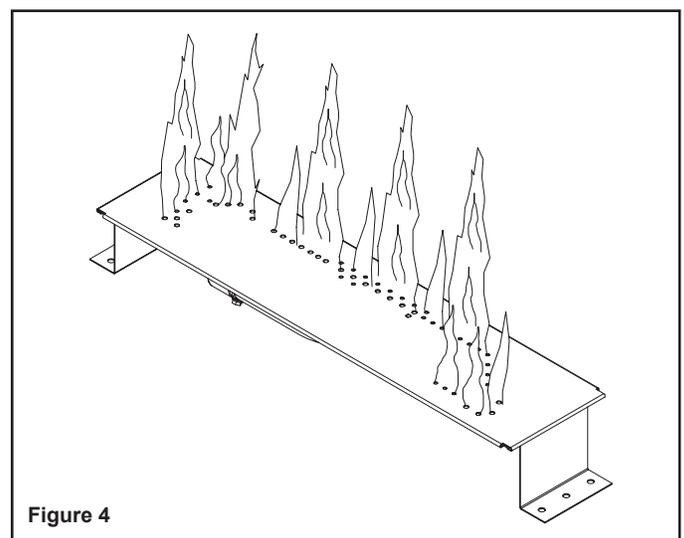
Shock or burn risk.

- Disconnect green wire from gas valve.

Failure to disconnect green wire could result in severe burns.

NOTE: The qualified service agency installing this conversion must enter the day, month, and year, and sign the propane conversion plate added to this appliance.

11. Turn on power to module and valve.
12. Turn on fireplace with the green wire disconnected from the valve.
13. Use a commercially available, non-corrosive leak check solution to test for leaks around the pilot. Be sure to rinse off all leak check solution following testing. See Figure 2 for leak check points. Extinguish the pilot.
14. Adjust the shutter on the burner to 1/4" and replace the burner assembly by securing it with the two screws.
15. If the pilot was attached to the burner, reattach the pilot to the burner/pilot bracket by sliding the pilot to the left and into the slots on the pilot bracket. Secure with one screw. Replace the back plate on the pilot bracket.
16. Reinstall green wire on valve.
17. Replace the refractory, grate and reinstall the logs by following the log placement instructions.
18. Reinstall the glass and the louvers.
19. Turn on fireplace to check for proper burner flame pattern (see Figure 4).
20. Verify that both pilot and burner go out when the green wire and orange wire are disconnected from gas valve.
21. Verify that the signed and dated conversion plate has been added to appliance.



Verify the performance of the ignition system.

1. Verify pilot sparks, pilot lights, pilot stops sparking, and the main burner turns "ON"
2. Turn fireplace OFF. Verify that the both the pilot and burner turn "OFF".
3. Repeat Step 1 above.
4. With burner "ON", remove green wire connected to valve. The main burner should shut "OFF".
5. Reattach green wire to valve, and the main burner should turn back "ON".
6. With the main burner "ON", remove orange wire connected to the valve. The pilot and burner should go out, and the pilot will start to spark.
7. Turn fireplace "OFF" and reattach orange wire to valve.

Natural Gas Appliance Specifications

	<u>MAXIMUM</u>	<u>MINIMUM</u>
• Inlet Gas Pressure:	14.0 in. w.c.	5.0 in. w.c.
• Manifold Gas Pressure:	3.5 in. w.c.	1.7 in. w.c.
• Input Rate:.....	23,000 BTUH N/A.....	0-2000 Ft.
	20,700 BTUH..... N/A.....	2000-4500 Ft. (In Canada)

Minimum rate with variable regulator on control valve.

NOTE: Input rate should be reduced by 4% for each 1000 feet above a 2000 foot elevation in the U.S.A. or 10% for elevations between 2000 and 4000 feet in Canada.