

Natural Gas to Propane Gas(L.P.G)
Conversion Kit for Two-Stage Gas Valve

INSTALLATION INSTRUCTIONS

Installer: Save these instructions for future use!

FAILURE TO READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING OR OPERATING THIS CONTROL COULD CAUSE PERSONAL INJURY AND/OR PROPERTY DAMAGE.

⚠ 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. 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 performing the work assumes the responsibility for the proper conversion of this appliance with this kit.

APPLICATION

This conversion kit is only applicable for two-stage gas valves for use in propane gas(L.P.G) applications.

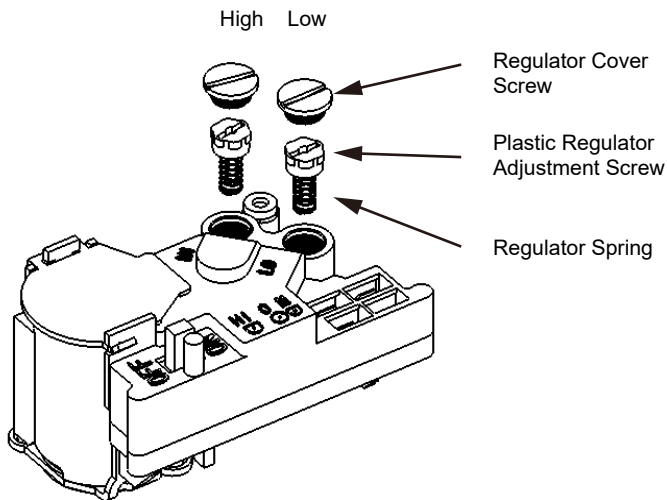


Figure 1. Two-Stage model

TO CONVERT FROM NATURAL GAS TO PROPANE GAS (L.P.G)

- Step 1: Remove the gas valve/burner assembly. Remove the natural gas orifices counterclockwise from the manifold with an adjustable wrench and replace them with the propane gas (L.P.G.) orifices.
- Step 2: Place the gas valve horizontally. Unscrew and remove the HI and LO regulator cover screws.
- Step 3: Unscrew and remove the plastic regulator adjustment screws. Remove the natural gas springs and replace them with the propane gas (L.P.G.) springs from the kit. Make sure to line them up in the center of the holes.
- Step 4: Reinstall the HI and LO plastic screws, tighten clockwise to the bottom. Then rotate them counterclockwise for 2-3 turns. **(This is a rough setting, manifold pressure needs to be tuned in step 6)**
- Step 5: Reinstall the gas valve/burner assembly, gas supply, and gas pressure gauge, then check for gas leaks.
- Step 6: After ignition, adjust low and high manifold pressures to the manufacturer's requirements. After setting the high fire pressure, check the low fire pressure again. After adjustment, check whether the high fire and low fire work normally.
- Step 7: Attach the WARNING label(provided in the kit) to the gas valve where it can be readily seen. Also attach the small round L.P. labels to the top of the regulator cover screws.

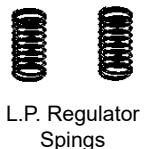
Conversion back to Natural Gas use maybe made at a later date by retaining the Natural Gas springs(removed in step 3,above) and following the same procedures.

💡 NOTE

The outlet pressure of LPG device should be checked with a manometer according to the manufacturer's instructions.

⚠ WARNING

VALVE CONVERTED FOR USE ON L.P. GAS, IMPROPER OPERATION QULD RESULT IN DEATH OR SERIOUS INJURY.



⚠ MISE EN GARDE

SOUAPE CONVERTIE POUR USAGE SUR GAZ DE PETROLE LIQUEFIE. UN FONCTIONNEMENT INAPPROPRIE PEUT PROVOQUER LA MORT OU DES ESSURES GRAVES.



WARNING Label

Figure 2. Contents of kit