

LP GAS CONVERSION & HIGH ALTITUDE KIT FOR INSTALLATIONS IN THE UNITED STATES

INSTALLATION INSTRUCTIONS

For *G7 / *GC2 Series Furnaces & Appliances Using Honeywell Gas Valves

BEFORE THE CONVERSION

IMPORTANT: Please read all instructions before converting the furnace. Pay attention to all safety warnings and any other special notes highlighted in the manual. Safety markings are used frequently throughout this manual to designate a degree or level of seriousness and should not be ignored. **WARNING** indicates a potentially hazardous situation that if not avoided, could result in personal injury or death.

This conversion kit is only to be used to convert natural gas furnaces to LP/Propane gas and/or for high altitude applications in the United States. For installations in Canada, the Canadian conversion kit must be used.

Table 1 is a detailed listing of the components in this conversion kit. Please check the contents of the conversion kit with that of the parts listing, and familiarize yourself with each component.

Use caution when servicing or removing components from the appliance. Personal injury can occur from sharp metal edges present in all sheet metal constructed equipment.

To avoid nuisance tripping at altitudes between 7,500 to 10,000 feet, a pressure switch conversion is required. See pressure switch settings in Table 3 (page 6) or Table 4 (page 7) for altitudes between 7,500 and 10,000 feet (in the US only).

NOTE: If furnace was produced before January 2010, the NOX baffles must be removed from the furnace before conversion.

DESCRIPTION	QTY
Honeywell Conversion Kit 396221 (to convert VR8205S2890 or VR8215S1289)	1
Honeywell Conversion Kit 396021 (to convert VR8205Q2381)	1
Honeywell Conversion Kit 50033841 (to convert VR9205Q1127)	1
#55 Drill Size Burner Orifice Kit (contains (7) 661055)	1
#56 Drill Size Burner Orifice Kit (contains (7) 661056)	1
#57 Drill Size Burner Orifice Kit (contains (7) 661057)	1
#59 Drill Size Burner Orifice Kit (contains (3) 661059)	1
#60 Drill Size Burner Orifice Kit (contains (3) 661060)	1
#61 Drill Size Burner Orifice Kit (contains (3) 661061)	1
Conversion Warning Label	1
Conversion Information Label	1
Installation Instructions	1

Table 1. LP Gas Conversion Kit

⚠ WARNING

FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury or property damage.

– Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Leave the building immediately.
- Immediately call your gas supplier from a neighbors phone. Follow the gas suppliers instructions.
- If you cannot reach your gas supplier, call the fire department.

– Installation and service must be performed by a qualified installer, service agency or the gas supplier.

DO NOT DESTROY THIS MANUAL. READ ALL INSTRUCTIONS IN THIS MANUAL AND KEEP IN A SAFE PLACE FOR FUTURE REFERENCE.

⚠ WARNING:

All gas piping must conform with local building codes, or in the absence of local codes, with the most recent edition of the National Fuel Gas Code ANSI Z223.1. DO NOT attempt to modify, or tap into existing gas lines yourself. Fire or explosion may result causing property damage, personal injury or loss of life. Failure to follow the safety warnings exactly could result in serious injury, death or property damage.

⚠ WARNING:

All electrical wiring must comply with the latest edition of the National Electrical Code ANSI/NFPA 70. Failure to follow these instructions could result in possible damage to equipment, serious personal injury, or death.

The installer performing this work assumes all responsibility for this conversion. These instructions are primarily intended to assist qualified individuals experienced in the proper installation of these components. Some local codes require licensed installation/service personnel for this type of equipment. Safety should always be the deciding factor when installing this product and using common sense plays an important role as well. Improper installation of the components or failure to follow safety warnings could result in serious injury, death, or property damage. After completing the installation, return these instructions to the Homeowner's Package for owner-user's future reference.

CONVERTING TO LP/PROPANE GAS AT ALTITUDES BETWEEN ZERO & 10,000 FT.

Converting single stage valves to LP/Propane requires the replacement of the burner orifices and the spring found under the cap screw in the pressure regulator. Converting 2 - stage valves to LP/Propane requires the replacement of the burner orifices and the stem/spring assembly in the pressure regulator.

Table 2 (page 3), provides the manifold pressure for altitudes above 2,000 feet.

WARNING:

Shut off the gas supply at the manual gas shutoff valve, before disconnecting the electrical power. A fire or explosion may result causing property damage, personal injury or loss of life. Failure to follow the safety warnings exactly could result in serious injury, death or property damage.

WARNING:

To avoid electric shock, personal injury, or death, turn off the electric power at the disconnect or the main service panel before making any electrical connections.

WARNING:

The reduction of input rating necessary for high altitude installation may only be accomplished with factory supplied orifices. Do not attempt to drill out orifices in the field. Improperly drilled orifices may cause fire, explosion, carbon monoxide poisoning, personal injury or death.

Before You Convert the Gas Valve

1. Turn the thermostat OFF or to its lowest temperature setting.
2. Verify the gas supply is shut OFF.
3. Verify the electrical power to the appliance is turned OFF.

Removing The Burner Orifices

1. Set the thermostat to the OFF position, or its lowest temperature setting.
2. Shut OFF the gas supply at the manual shutoff valve located outside of the appliance.
3. Turn off all electrical power to the appliance.
4. Remove the door from the burner compartment.
5. Move the gas valve ON/OFF switch to the OFF position as shown in Figure 1. For VR8205Q2381 gas valves, turn the knob to the OFF position.
6. Remove the wires from the terminals of the gas valve.
7. Remove the supply gas piping from the gas valve inlet.
8. Carefully remove four screws securing the gas manifold assembly to the burner assembly.
9. Set the screws aside and remove the gas manifold assembly from the appliance.
10. Carefully remove the burner orifices from the gas manifold assembly.
11. Read the rating plate affixed to the appliance to determine its rated input (Btu/hr) and the size of the factory installed orifices.

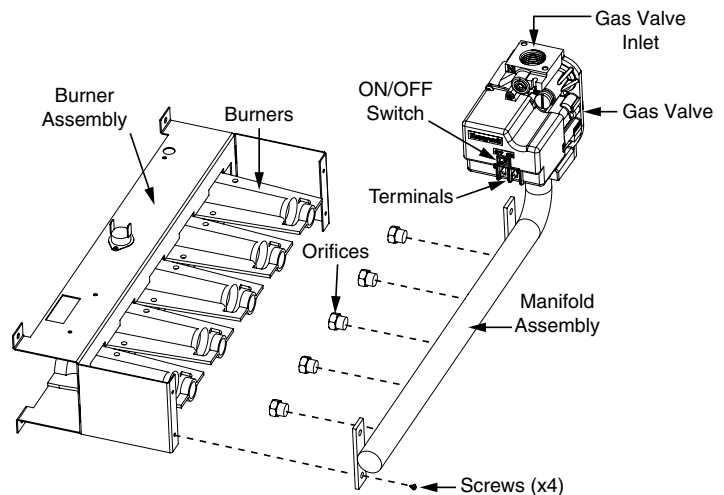


Figure 1. Typical Burner & Manifold Assembly

IMPORTANT NOTE:

Before installing an orifice, check the side or face of the orifice for the drill number to ensure that it is the appropriate size.

12. Install the appropriate LP/Propane gas burner orifices into the gas manifold assembly.

NOTE: To prevent cross threading, hand tighten the orifices into the gas manifold assembly until snug, then tighten with a wrench.

WARNING:

Do not use Teflon tape or pipe joint compound on the orifice threads. The hole in the orifice may become blocked and cause fire, explosion, property damage, carbon monoxide poisoning, personal injury, or death.

13. Reinstall the gas manifold assembly to the burner assembly with the 4 screws, that were removed earlier. **NOTE:** It is important that the center of the orifices are aligned with the center of the burners. It is recommended to fire the unit and check alignment of the flame after converting to LP.
14. Reconnect the gas piping to the gas valve inlet.
15. Reconnect the wires to the gas valve terminals.

Single Stage Honeywell Valves

Models: VR8205S2890 or VR8215S1289

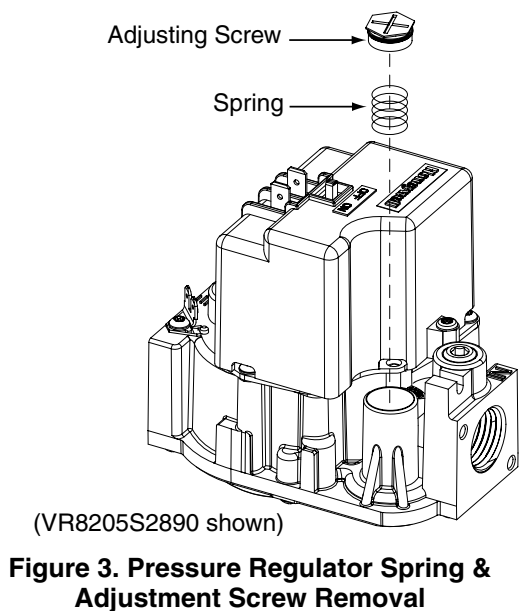
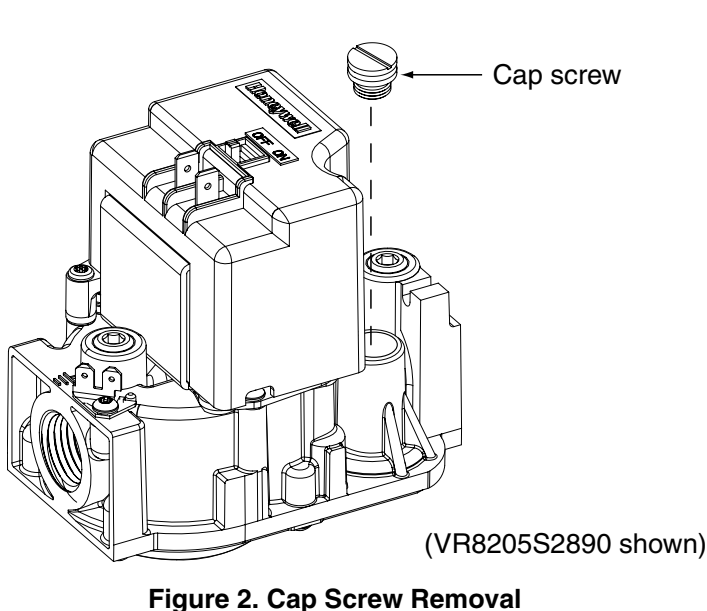
IMPORTANT NOTE:

When converting to LP/Propane gas from natural gas, the black spring in the gas valve must be replaced by the red spring in the kit.

1. Remove the cap screw from the gas valve as shown in Figure 2.
2. Remove and discard the plastic pressure regulator adjustment screw from the gas valve. See Figure 3.
3. Remove the black colored spring from the gas valve.
4. Install the red spring from the conversion kit.
5. Install the new adjusting screw from the kit.
6. Check and adjust the regulator setting. See Gas Pressure Adjustment Section (page 5).
7. Reinstall the cap screw.
8. Affix the label from the conversion kit to the gas valve.

FURNACE MODELS	INPUT	ALTITUDE ABOVE SEA LEVEL											
		0 TO 1,999 FT		2,000 TO 2,999 FT		3,000 TO 4,999 FT		5,000 TO 5,999 FT		6,000 TO 7,999 FT		8,000 TO 10,000 FT	
		ORIFICE SIZE	MANIFOLD PRESSURE	ORIFICE SIZE	MANIFOLD PRESSURE	ORIFICE SIZE	MANIFOLD PRESSURE	ORIFICE SIZE	MANIFOLD PRESSURE	ORIFICE SIZE	MANIFOLD PRESSURE	ORIFICE SIZE	MANIFOLD PRESSURE
*G7SA / *GC2SA *G7SK / *GC2SK	45,000	57	10.0	57	9.0	57	8.5	59	10.0	59	9.0	59	8.5
	54,000	56	10.0	56	9.0	56	8.5	57	10.0	57	9.0	57	8.5
	72,000	56	10.0	56	9.0	56	8.5	57	10.0	57	9.0	57	8.5
	90,000	56	10.0	56	9.0	56	8.5	57	10.0	57	9.0	57	8.5
	108,000	56	10.0	56	9.0	56	8.5	57	10.0	57	9.0	57	8.5
	126,000	56	10.0	56	9.0	56	8.5	57	10.0	57	9.0	57	8.5
*G7SC / *GC2SC *G7SL / *GC2SL *G7SD / *GC2SD *G7SM / *GC2SM	38,000 (SC)	56	10.0	56	9.0	56	8.5	57	10.0	57	9.0	57	8.5
	38,000 (SD)	60	10.0	60	9.0	60	8.5	61	8.5	61	8.0	61	7.5
	54,000	56	10.0	56	9.0	56	8.5	57	10.0	57	9.0	57	8.5
	72,000	56	10.0	56	9.0	56	8.5	57	10.0	57	9.0	57	8.5
	90,000	56	10.0	56	9.0	56	8.5	57	10.0	57	9.0	57	8.5
	108,000	56	10.0	56	9.0	56	8.5	57	10.0	57	9.0	57	8.5
	118,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	120,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
*G7TA / *GC2TA *G7TK / *GC2TK	60,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	80,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	100,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	120,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	140,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
*G7TC / *GC2TC *G7TL / *GC2TL	60,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	80,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	100,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	120,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
*G7TE / *GC2TE *G7TN / *GC2TN	60,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	80,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	100,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5
	115,000	55	10.0	55	9.0	55	8.5	56	10.0	56	9.0	56	8.5

Table 2. Liquid Propane Conversion Chart



2 - Stage Honeywell Valves

Model VR8205Q2381

IMPORTANT NOTE:

When converting to LP/Propane gas from natural gas, the white stem/spring assembly in the gas valve must be replaced by the black stem/spring assembly in the kit.

1. Remove two screws securing the pressure regulator cover assembly to the gas valve. Do not discard the screws. See Figure 4.
2. Remove the pressure regulator cover assembly from the gas valve.
3. Remove and discard the existing white spring / stem assembly from the gas valve.
4. Install the black replacement spring / stem assembly from the conversion kit.
5. Reinstall the pressure regulator cover assembly onto the gas valve.
6. Install the two screws (from step 1) and tighten.
7. Affix the label from the conversion kit to the gas valve

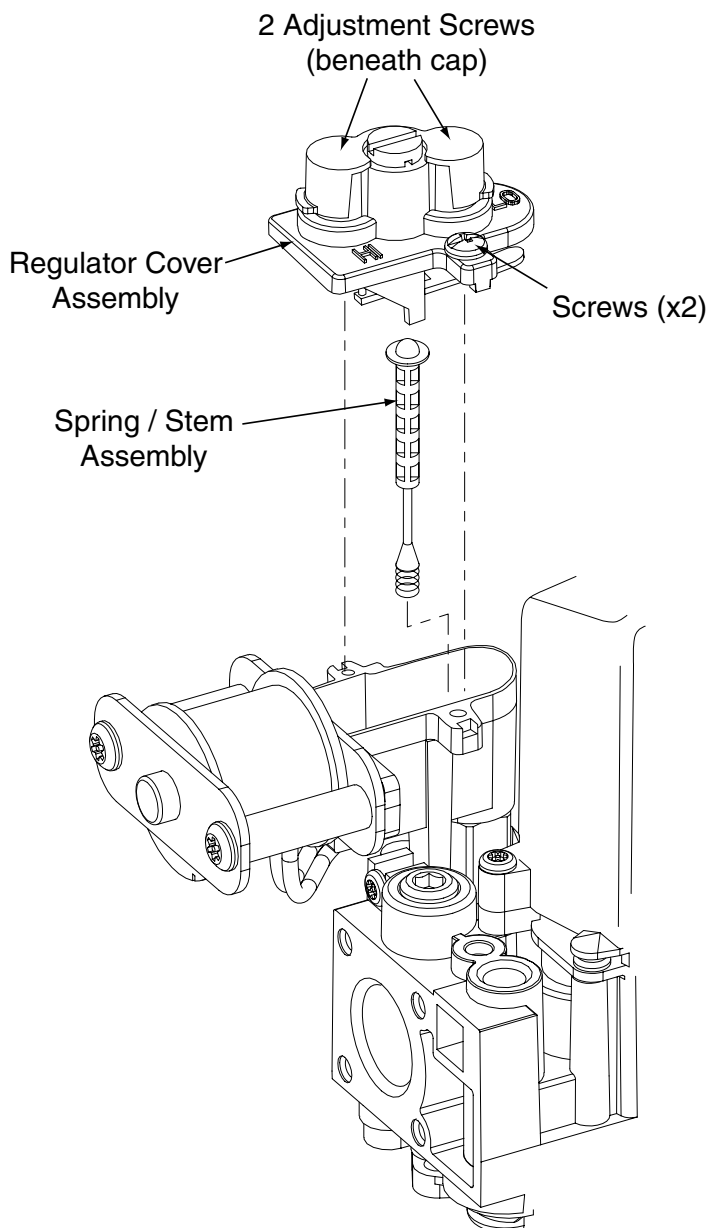


Figure 4. Spring / Stem Assembly Removal

GAS PRESSURE ADJUSTMENT

Measuring the Supply Gas Pressure

1. Turn OFF the gas supply at the manual valve located on the outside of the unit.
2. Using a 3/16" Allen wrench, remove the plug from the inlet pressure tap (INLET side of gas valve). See Figure 6.
3. Install an 1/8" NPT pipe thread fitting, that is compatible with a Manometer or similar pressure gauge.
4. Connect the Manometer or pressure gauge to the Inlet Pressure Tap.
5. Turn ON the main gas supply at the manual valve.
6. Check and adjust the incoming gas line pressure to 11.0-14.0 inches Water Column for LP/Propane gas.
7. Turn OFF the gas supply at the manual valve.
8. Disconnect the Manometer or pressure gauge.
9. Remove the NPT fitting and reinstall the INLET pressure tap plug. Hand tighten the plug first to prevent cross-threading. Tighten with 3/16 Allen wrench.

Lighting & Adjustment of the Appliance

WARNING:

FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury or property damage.

Never test for gas leaks with an open flame. Use a commercially available soap solution made specifically for the detection of leaks to check all connections. A fire or explosion may result causing property damage, personal injury or loss of life.

1. Turn ON the manual gas valve, located on the outside of the unit to the ON position.
2. Check all gas connections for leaks with a soap and water solution. If the solution bubbles there is a gas leak which must be corrected.
3. Turn on the electrical power to the appliance.
4. Place the gas valve ON/OFF switch/knob to the ON position. See Figure 6.
5. Set the thermostat above room temperature to begin the heating cycle of the furnace.
6. Check that the furnace ignites and operates properly. Refer to the installation instructions provided with the unit for the normal operating sequence.
7. After ignition, visually inspect the burner assembly to ensure that the flame is drawn directly into the center of the heat exchanger tube. In a properly adjusted burner assembly, the flame color should be blue with some light yellow streaks near the outer portions of the flame.

NOTE: The ignitor may not ignite the gas until all air is bled from the gas line. If the ignition control locks out, turn the thermostat to its lowest setting and wait one minute then turn the thermostat above room temperature and the ignitor will try again to ignite the main burners. This process may have to be repeated several times before the burners will ignite. After the burners are lit, check all gas connections for leaks again with the soap and water solution.

Measuring the Manifold Pressure

The manifold pressure must be measured by installing a pressure gauge (Manometer, Magnehelic Meter, etc.) to the outlet end of the gas valve as follows:

1. Turn off all electrical power to the appliance.
2. Shut OFF the gas supply at the manual shutoff valve located outside of the appliance.
3. Using a 3/16" Allen wrench, remove the manifold pressure tap plug located on the outlet side of the gas valve. See Figure 6 (page 5).
4. Install an 1/8" NPT pipe thread fitting, that is compatible with a Manometer or similar pressure gauge.
5. Connect the Manometer or pressure gauge to the manifold pressure tap.
6. Set the room thermostat above room temperature to start the furnace.
7. Allow the furnace to operate for 3 minutes and then check the manifold pressure. Compare the measured value with the value shown in Table 2 (page 3). If the manifold pressure is not set to the appropriate pressure, then it must be adjusted.

Adjusting the Manifold Pressure

NOTE: Adjustments do not need to be made to LOW fire for model VR8205Q2381. Refer to Table 2 for manifold pressures.

1. Single stage gas valve: Remove the cap screw from the top of the gas valve regulator. See Figure 2 (page 4) for VR8205S2890 or VR8215S1289 models.
2-stage gas valve: For VR8205Q2381 models, remove the plastic cap covering the adjustment screws (Figure 4 page 4).
2. Using a screwdriver or Allen wrench (where appropriate), slowly turn the adjustment screw till the appropriate manifold pressure listed in Table 2 is achieved. See Figure 2 for VR8205S2890 or VR8215S1289 models. See Figure 4 for VR8205Q2381 models or Figure 5 for VR9205Q1127 models.

NOTE: Turning the screw clockwise increases the pressure, turning the screw counter-clockwise decreases the pressure. To prevent the screw from backing all the way out from the valve, turn the screw slowly.

3. Replace and tighten the cap screw or the plastic cap over the adjustment screw.

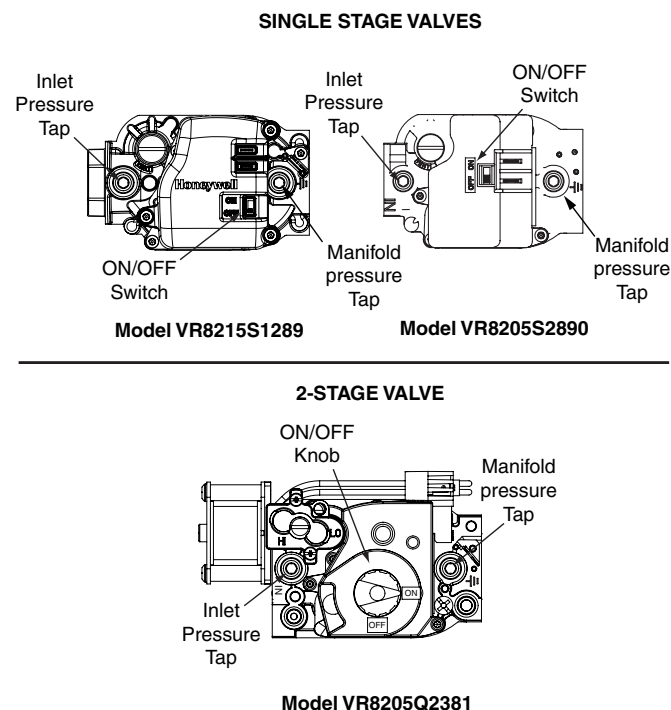


Figure 5. Inlet & Manifold Pressure Tap Locations

Removing the Manometer/Pressure Gauge

After the manifold pressure is properly adjusted, the Manometer or pressure gauge must be removed from the gas valve.

1. Turn the thermostat to its lowest setting.
2. Turn OFF the main gas supply to the unit at the manual shut-off valve, which is located outside of the unit.
3. Turn OFF all of the electrical power supplies to the unit.
4. Remove the pressure gauge adapter from the gas valve and replace it with the 1/8" NPT manifold pressure plug that had been removed earlier. **NOTE:** Make sure the plug is tight and not cross-threaded.
5. Turn ON the electrical power to the unit.
6. Turn ON the main gas supply to the unit at the manual shut-off valve.

COMPLETING THE CONVERSION

WARNING:

Do not alter or remove the original rating plate from the furnace.

1. Attach the following labels:
 - The conversion warning label should be affixed to the outside of the unit door.
 - The conversion information label should be affixed near the rating plate on the inside of the control area.
 - The gas valve conversion label should be affixed on the gas valve.

NOTE: Each label should be prominently visible after installation.

2. Reinstall the appliance door.
3. Run the appliance through 3 complete cycles to assure proper operation.

REPLACING THE PRESSURE SWITCH(ES)

1. Turn off all electrical power to the appliance.
2. Remove the door from the burner compartment.
3. Label and remove the wires from the terminals of the pressure switch(es).
4. Label and remove tubing from pressure switch(es)
5. Remove the tubing from the pressure switch(es).
6. Remove the screws mounting the pressure switch(es).
7. Install the appropriate pressure switch in the same location using the supplied screws.
8. Reconnect the tubing to the proper pressure switch(es).
9. Reconnect the wires to the proper pressure switch terminals.

SINGLE STAGE PRESSURE SWITCH SETTING FOR ALTITUDES BETWEEN 7,500 AND 10,000				
FURNACE MODELS	INDUCER SETTING (IN. W.C.)	INDUCER PN	COLLECTOR SETTING (IN. W.C.)	COLLECTOR PN
*G7SA 045C-23A1	0.60	632499R	NA	NA
*G7SA 045C-23A2	0.60	632499R	NA	NA
*G7SA 054C-23A1	0.60	632499R	NA	NA
*G7SA 054C-23A2	0.60	632499R	NA	NA
*G7SA 072C-35C1	0.60	632499R	NA	NA
*G7SA 090C-24B1	0.60	632499R	NA	NA
*G7SA 090C-35C1	0.65	1021833R	NA	NA
*G7SA 090C-35C2	0.65	1021833R	NA	NA
*G7SA 108C-35C1	0.65	1021833R	NA	NA
*G7SA 126C-45D1	0.65	1021833R	NA	NA
*G7SC 038D-23A1	0.50	632492R	1.40	1021834R
*G7SC 038D-23A2	0.50	632492R	1.40	1021834R
*G7SC 054D-24B1	0.70	632624R	1.40	1021834R
*G7SC 072D-24B1	0.70	632624R	1.10	1021835R
*G7SC 072D-35C1	0.50	632492R	1.40	1021834R
*G7SC 072D-35C2	0.50	632492R	1.40	1021834R
*G7SC 090D-35C1	0.50	632492R	1.10	1021835R
*G7SC 108D-45D1	0.50	632492R	1.40	1021834R
*G7SC 120D-45D1	0.50	632492R	1.40	1021834R
*G7SD 038D-23EB1	1.00	1018532R	0.20	1021836R
*G7SD 038D-24B1	1.00	1018532R	0.20	1021836R
*G7SD 054D-23EB1	0.80	632495R	0.50	632492R
*G7SD 054D-24B1	0.80	632495R	0.50	632492R
*G7SD 072D-35C1	0.80	632495R	0.50	632492R
*G7SD 072D-35C2	0.80	632495R	0.50	632492R
*G7SD 072D-35EC1	0.80	632495R	0.50	632492R
*G7SD 090D-35C1	0.80	632495R	0.60	632493R
*G7SD 090D-35EC1	0.80	632495R	0.60	632493R
*G7SD 108D-35ED1	1.00	1018532R	0.80	632495R
*G7SD 108D-45D1	1.00	1018532R	0.80	632495R
*G7SD 120D-35ED1	1.20	632622R	1.10	1021835R
*G7SD 120D-45D1	0.90	632487R	1.10	1021835R
*G7SK 054C-23A1	0.65	1021833R	NA	NA
*G7SK 054C-23A2	0.65	1021833R	NA	NA
*G7SK 072C-24B1	0.60	632499R	NA	NA
*G7SK 090C-24B1	0.60	632499R	NA	NA
*G7SK 108C-35C1	0.65	1021833R	NA	NA
*G7SK 126C-45D1	0.85	632636R	NA	NA
*G7SL 054D-24B1	0.80	632495R	NA	NA
*G7SL 072D-24B1	0.80	632495R	NA	NA
*G7SL 090D-35C1	0.80	632495R	NA	NA
*G7SL 120D-45D1	0.50	632492R	NA	NA
*G7SM 054D-24B1	0.80	632495R	NA	NA
*G7SM 072D-35C1	0.80	632495R	NA	NA
*G7SM 090D-35C1	0.80	632495R	NA	NA
*G7SM 118D-45D1	0.70	632624R	NA	NA

Table 3. Single Stage Pressure Switch Settings

TWO STAGE PRESSURE SWITCH SETTING FOR ALTITUDES BETWEEN 7,500 AND 10,000						
FURNACE MODELS	INDUCER LOW SETTING (IN. W.C.)	INDUCER HIGH SETTING (IN. W.C.)	INDUCER PN	COLLECTOR LOW SETTING (IN. W.C.)	COLLECTOR HIGH SETTING (IN. W.C.)	COLLECTOR PN
*G7TA 060C-23A1	0.33	0.63	1021811R	NA	NA	NA
*G7TA 060C-VA1	0.33	0.63	1021811R	NA	NA	NA
*G7TA 080C-24B1	0.20	0.55	1021812R	NA	NA	NA
*G7TA 080C-VB1	0.20	0.55	1021812R	NA	NA	NA
*G7TA 100C-24B1	0.30	0.60	1021813R	NA	NA	NA
*G7TA 100C-35C1	0.20	0.60	1021814R	NA	NA	NA
*G7TA 100C-VC1	0.20	0.60	1021814R	NA	NA	NA
*G7TA 120C-35C1	0.20	0.60	1021814R	NA	NA	NA
*G7TA 120C-VC1	0.20	0.60	1021814R	NA	NA	NA
*G7TA 140C-45D1	0.30	0.70	632566R	NA	NA	NA
*G7TA 140C-VD1	0.30	0.70	632566R	NA	NA	NA
*G7TC 060D-24B1	0.33	0.63	1021811R	0.55	0.85	1021828R
*G7TC 060D-VB1	0.33	0.53	1021819R	0.55	0.85	1021828R
*G7TC 080D-35C1	0.50	0.90	1021815R	0.65	0.75	1021829R
*G7TC 080D-VC1	0.50	0.90	1021815R	0.65	0.75	1021829R
*G7TC 100D-35C1	0.40	0.70	632614R	0.65	0.75	1021829R
*G7TC 100D-VC1	0.40	0.60	1021818R	0.65	0.75	1021829R
*G7TC 120D-45D1	0.30	0.70	632566R	0.65	1.45	1021830R
*G7TC 120D-VD1	0.30	0.60	1021813R	0.65	1.45	1021830R
*G7TE 060D-24B1	0.26	0.70	1021820R	0.60	0.90	1017676R
*G7TE 060D-VB1	0.26	0.70	1021820R	0.60	0.90	1017676R
*G7TE 080D-35C1	0.35	0.75	1021821R	0.50	0.80	1021831R
*G7TE 080D-VC1	0.35	0.75	1021821R	0.50	0.80	1021831R
*G7TE 100D-35C1	0.40	0.75	1021822R	0.50	0.80	1021831R
*G7TE 100D-VC1	0.40	0.75	1021822R	0.50	0.80	1021831R
*G7TE 115D-45D1	0.30	0.75	1021823R	0.70	1.50	1021832R
*G7TE 115D-VD1	0.30	0.75	1021823R	0.70	1.50	1021832R
*G7TK 060C-23A1	0.20	0.60	1021814R	NA	NA	NA
*G7TK 060C-VA1	0.20	0.60	1021814R	NA	NA	NA
*G7TK 080C-24B1	0.30	0.60	1021813R	NA	NA	NA
*G7TK 080C-VB1	0.30	0.60	1021813R	NA	NA	NA
*G7TK 100C-35C1	0.20	0.60	1021814R	NA	NA	NA
*G7TK 100C-VC1	0.20	0.60	1021814R	NA	NA	NA
*G7TK 120C-35C1	0.20	0.55	1021812R	NA	NA	NA
*G7TK 120C-VC1	0.20	0.55	1021812R	NA	NA	NA
*G7TK 140C-45D1	0.30	0.70	632566R	NA	NA	NA
*G7TL 060D-24B1	0.45	0.75	1021817R	NA	NA	NA
*G7TL 060D-VB1	0.45	0.75	1021817R	NA	NA	NA
*G7TL 080D-35C1	0.50	0.90	1021815R	NA	NA	NA
*G7TL 080D-VC1	0.50	0.90	1021815R	NA	NA	NA
*G7TL 100D-35C1	0.40	0.60	1021818R	NA	NA	NA
*G7TL 100D-VC1	0.40	0.60	1021818R	NA	NA	NA
*G7TL 120D-45D1	0.45	0.75	1021817R	NA	NA	NA
*G7TL 120D-VD1	0.45	0.75	1021817R	NA	NA	NA
*G7TN 060D-24B1	0.50	0.85	1021824R	NA	NA	NA
*G7TN 060D-VB1	0.50	0.85	1021824R	NA	NA	NA
*G7TN 080D-35C1	0.55	0.80	1021825R	NA	NA	NA
*G7TN 080D-VC1	0.55	0.80	1021825R	NA	NA	NA
*G7TN 100D-35C1	0.45	0.80	1021826R	NA	NA	NA
*G7TN 100D-VC1	0.45	0.80	1021826R	NA	NA	NA
*G7TN 115D-45D1	0.30	0.70	632566R	NA	NA	NA
*G7TN 115D-VD1	0.30	0.70	632566R	NA	NA	NA

Table 4. Two-Stage Pressure Switch Settings

