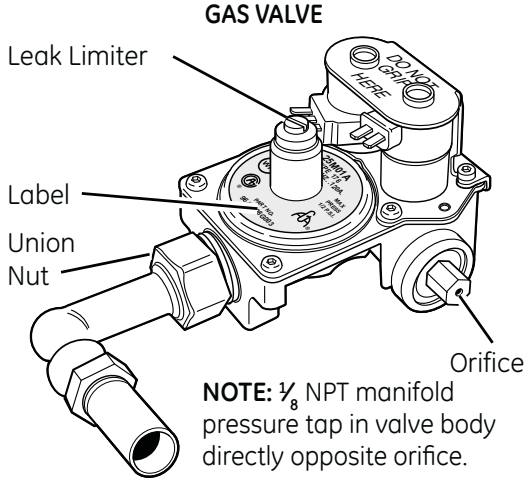
GAS CONVERSION INSTRUCTIONS

NATURAL GAS TO L.P. GAS – FOR KIT# WE25X217

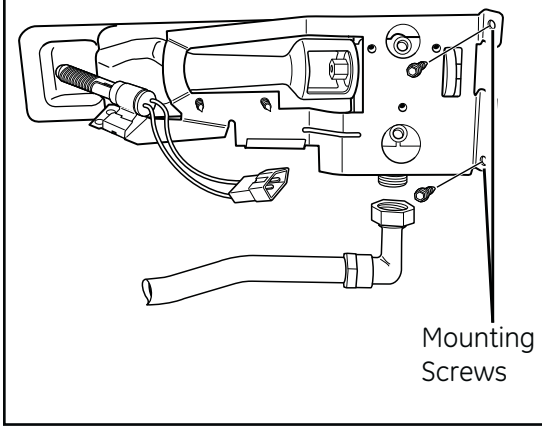
For use with all GE, HOTPOINT, and RCA models (except International) type 1 clothes dryers using Gas Valve model 25M01A type 176, base part number 964D498G---. Refer to Valve label for correct identification.
CHECK VALVE LABEL BEFORE BEGINNING CONVERSION.

WARNING -This conversion kit shall be installed by a General Electric distributor (or other 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 the kit.

Disconnect Valve and Burner Assembly



Remove Valve Bracket Mounting Screws



THIS KIT CONTAINS THE FOLLOWING:

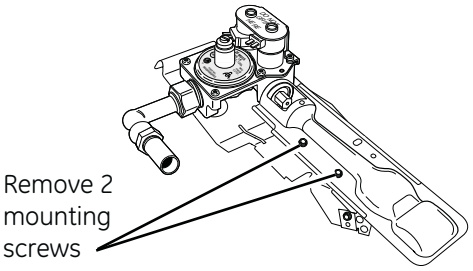
- **(1)** #55 LP Gas Orifice. (0.052" diameter hole).
  Note: This orifice is for 22,000 BTU/Hr **@** 11 inches water column manifold pressure on propane gas.
- **(1)** Air Shutter
- **(1)** SCR 6-19 PT HX 1/4 S
- **(1)** Conversion Rating Plate
- **(1)** Valve Conversion Decal
- **(1)** Responsibility Label
- **(1)** Regulator Blocker
- **(1)** Installation Instructions

NOTE: Clothes dryer input ratings are based on sea level operation and need not be changed for operation up to 2,000 feet elevation. For operation above 2,000 feet, input ratings should be reduced at the rate of 4 percent for each 1,000 feet above sea level.

1) BEFORE INSTALLING THIS KIT:

- **a.** Check the label on the valve — it must show model 25M01A Type 176 Base Part Number 964D498G---.
- **b.** Disconnect electrical power supply. Shut off gas supply line to dryer.
- **c.** Disconnect valve and burner assembly at union nut.
  Note: On models not equipped with an access door, it will be necessary to remove the front to access the burner assembly.
- **d.** Disconnect electrical leads to valve and detector.
- **e.** Remove the valve bracket mounting screws.
- **f.** Lift rear of assembly enough to clear mounting flange, then slide toward rear of dryer about 1 inch to disengage lock-down tab. Now lift unit up to clear lock-down tab, and remove from dryer.

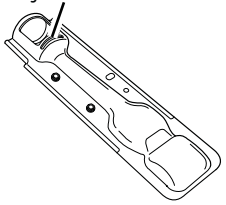
Remove Burner From Bracket



Two Different Burner Types

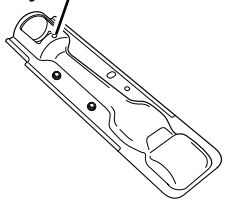
TYPE A:
ADJUSTMENT SLOT

Slot to allow
for air shutter
adjustment



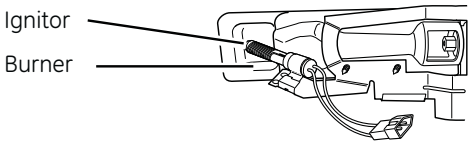
TYPE B:
HOLE ONLY

Hole only – not
adjustable



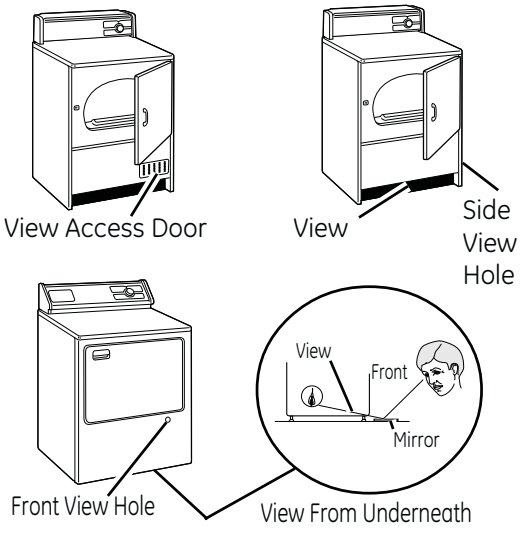
Reinstall the Burner

Ignitor & Burner
Ignitor must clear burner by at least ⅛"



NEVER USE AN OPEN FLAME TO CHECK FOR LEAKS!

Depending on your dryer model, the burner flame and ignitor may be viewed by one of these methods:



2) TO INSTALL KIT:

a. Remove burner from bracket by removing two mounting screws.

b. Remove natural gas orifice, and install LP orifice from kit.

c. Check burner for type. Install Air shutter on burner with screw supplied from kit. For Type **"**A**"** burner, set air shutter at approximately half-way open. Tighten screw.

d. Reattach the burner to bracket and tighten mounting screws.

e. Remove leak limiter from regulator and install **"**BLOCKER**"** supplied with this kit. (This effectively blocks the regulator OPEN to allow the higher 11-inch manifold pressure required for L.P. Gases.)

f. Apply Valve Conversion Decal to valve on flat surface near pressure tap plug noting: **"**THIS CONTROL HAS BEEN CONVERTED FOR USE WITH LP GASES.**"**

g. Reinstall the burner and valve assembly in reverse order of removal. Be sure burner bracket engages lock-down tab for proper location of the burner in the combustion chamber.

h. Remove ⅛ NPT manifold pressure tap plug and install pressure gauge hose. The ⅛ NPT manifold pressure tap is in the valve body directly opposite the orifice.

i. Turn on gas supply to dryer. Using a **"**BUBBLE**"** solution, check for leaks.

Note: Bubble solution should not contain ammonia, which can cause damage to brass pipes and/or fittings.

j. Reinstall front of dryer, and reconnect electrical power to dryer.

k. Check manifold pressure. Adjustments must be made at supply regulator for LP GASES. For LP-GASES, manifold pressure should be 11.0 inches water column. (May be as high as 13.0 inches if multiple appliances are connected to a single source. Dryer motor must be running and door shut. Burner should be burning during this test.)

l. Operate dryer and observe flame. The flame should be blue-white and have small yellow tails.

m. Disconnect electrical power.

n. Remove test equipment.

o. Reinstall ⅛ NPT plug to manifold tap, and check for leaks.

p. Reconnect electrical power to dryer.

q. Operate dryer and check that it is heating.

3) LABELS:

Open dryer door and apply **"**CONVERSION RATING PLATE**"** adjacent to the existing plate. Apply **"**RESPONSIBILITY**"** label, with all information required, in the same area.