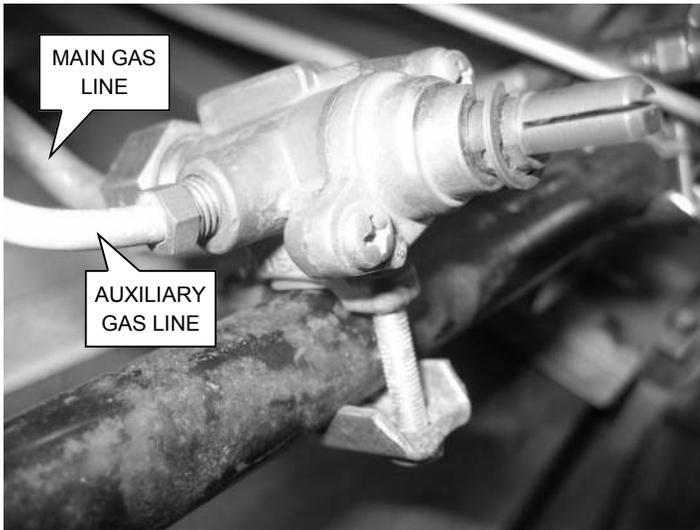


# SERVICE BULLETIN

***This service bulletin contains instructions for replacing the original side burner gas valves on AGBQ side burners***



**LEFT SIDE OF ORIGINAL VALVE**



**RIGHT SIDE OF ORIGINAL VALVE**

If the original side burner gas valves need to be replaced, then they must be replaced with a different valve. The original valve is no longer manufactured. The following information explains how to remove the original valve, and then replace it with the new valve. If you do not have the correct tools or experience to replace these valves, then you should seek the services of a professional who is qualified to do the work. If the valves are not installed correctly, there is a risk that not only will the side burner not function as it should, but there could be a risk of serious injury or death, due to fire or explosion.

## TOOLS etc:

The following tools will be needed to carry out the valve replacement:

- Philips head screwdriver (number 2 size).
- Hex wrench (open) 7/8" across flats.
- Hex wrench (open) 5/8" across flats.
- Hex wrench (open) 5/16" across flats.
- Small tube cutter (to cut 3/8" OD aluminum tube).
- Leak detection liquid or soapy water.



## PART:



REPLACEMENT VALVE PART NUMBERS:  
VALVE WITH CLAMP AND SCREWS: 290-0042.  
COMPRESSION NUT: 220-0303.  
COMPRESSION FURRULE: 220-0348.

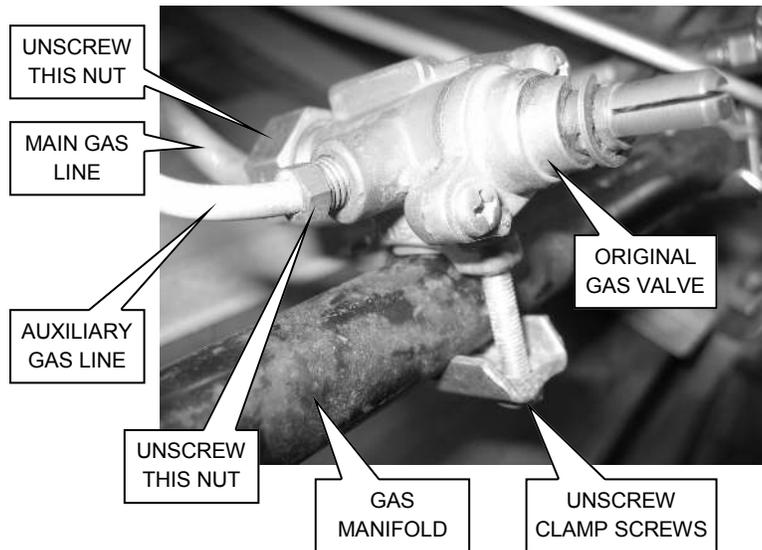
**Note: Before starting the following procedure, ensure that there is no gas supply to the appliance.**

### STEP 1.

1. Remove the gas control knobs by pulling straight out.
2. Remove the front panel retaining screws (two at the top and two underneath) and remove the front panel.

### STEP 2.

1. Disconnect the gas lines from the side burner gas valve or valves.
2. Remove the auxiliary gas lines. These are the smaller gas lines which attach to the side of the original valve. These will no longer be needed, and therefore can be completely removed and disposed of.
3. Remove the valve or valves by unscrewing the two clamping screws which hold the valve to the manifold.

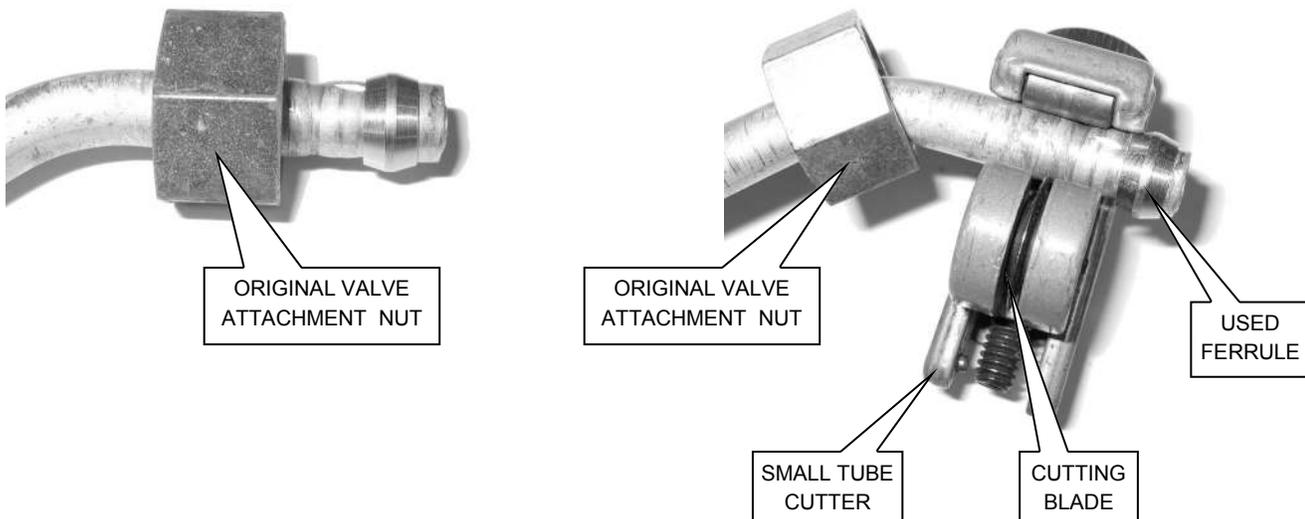


### STEP 3.

1. Remove the main gas line from the unit completely, noting which end was attached to the valve.

### STEP 4.

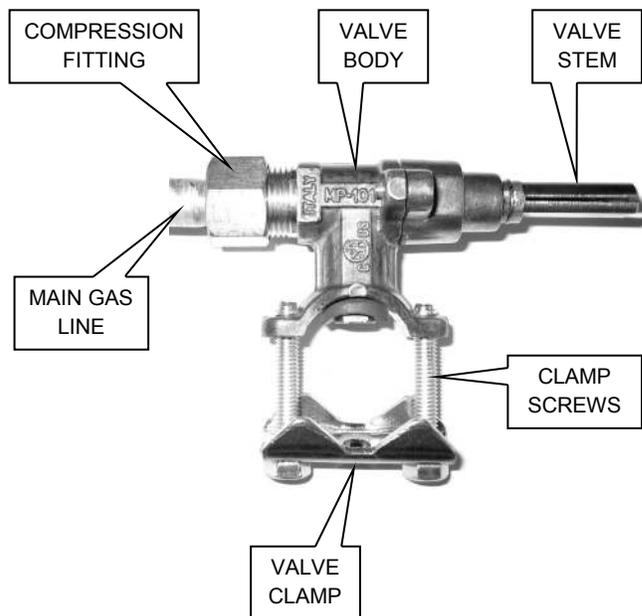
1. Remove the large, valve attachment nut from the valve end of the main gas line, as shown below.



Using the small tube cutter, cut off sufficient from the end of the tube to remove the used ferrule and any damaged tube. The position of the cutter, shown above, should be suitable for leaving an adequate tube end. The large, valve attachment nut can now be removed.

## STEP 5.

1. Attach the new valve to the gas manifold.



Before attaching the valve to the manifold, you can attach the main gas line to the valve. To do this, carry out the following procedure:



- Remove the compression fitting nut and the ferrule from the valve. Take care not to damage the nut or ferrule. Slide the nut over the tube so that the threaded end of the nut is closest to the end of the tube. Next, slip the ferrule over the end of the tube. Now, carefully insert the end of the tube into the valve, with the ferrule seated into the end of the valve opening. Screw the nut onto the valve, taking care not to cross the threads. Slowly hand tighten the nut, just tight enough so that the tube does not easily slip out.
  - Remove the two clamp screws from the valve assembly, and put them aside along with the valve clamp.
  - You are now ready to attach the valve to the manifold.
2. Position the valve on the manifold in the same position as the original valve.
  3. Use the valve clamp and clamp screws to hold the valve in position.
  4. Tighten the two clamp screws evenly until the valve is firmly secured in position on the manifold.
  5. Using the 7/8" wrench, tighten the compression fitting holding the main gas line to the valve.
  6. Reattach the other end of the main gas line to the burner.
  7. Reconnect the gas supply to the appliance.
  8. Open the shutoff valve on the gas supply.
  9. Check all connections along the gas line to the valve using a leak detection liquid or a liquid soap solution.
  10. Check for bubbles at all of the joints. There should be no bubbles or smell of gas.
  11. Replace the front cover and knobs.

**NOTE: DO NOT CHECK FOR LEAKS WITH A MATCH OR OTHER HEAT SOURCE—TO DO SO IS DANGEROUS AND COULD CAUSE SERIOUS PROPERTY DAMAGE, INJURY TO PERSONS OR DEATH.**