

Burkay HW 420 to 670 Valve Replacement Kit Instructions

Note to service personnel:

These instructions apply to the HW boiler only. When using kit for water heaters please discard any additional parts not required for your installation.

Parts List:

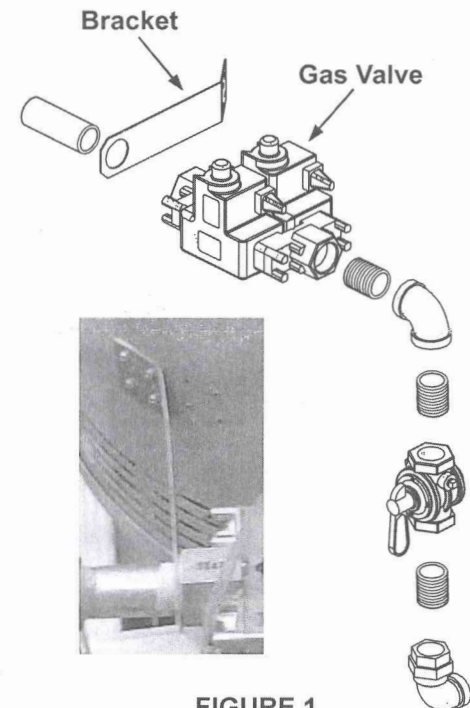
Kit	9005017205	9005018205
Natural Gas Valve	1	---
Propane Gas Valve	---	1
Bracket		1
Installation Instructions		1

Required tools (minimum):

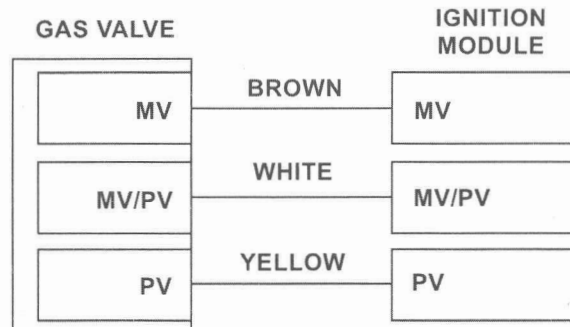
Pipe Wrenches - 2
7/16" wrench
Flathead and Phillips Screwdriver
Pipe Sealant
Drill with Phillips bit

Installation - Refer to Figures 1 and 2

1. Turn off power to appliance.
2. Shut off main gas supply to the boiler.
3. Disconnect wires and pilot assembly from valve.
4. Remove valve from gas train.
5. Install new valve on gas train
 - a. Valve will be direct replacement
 - i. Apply thread sealant to thread connections.
 - ii. Tighten valve onto existing nipple of assembly.
 - iii. Remove old bracket.
 - iv. Place new bracket on pipe nipple.
 - v. Locate bracket mounting holes to new location.
 - vi. Using self tapping screws from old bracket, drill new holes to mount bracket to jacket. See Figure 1.
 - vii. Using sheet metal screws secure bracket.
6. Reconnect wire assembly and pilot.
7. Reconnect gas supply.
 - a. Nipple to valve should be through bracket.
 - b. Apply gas pressure to assembly and leak test all joint.



**FIGURE 1.
VALVE AND BRACKET
ASSEMBLY**



**FIGURE 2.
VALVE WIRING**