

## Gas Valve Installation

**Prior to working on your grill, be sure to turn off and remove fuel supply and move your grill to an open area. Verify valves you are installing match your fuel type. Do not use a LP valve with Natural Gas and do not use a Natural Gas valve with LP. Failure to do so can cause harm and damage your grill.**

**Tools required: 7/16-inch wrench, 3/4-inch wrench, 11/16-inch wrench**

1. Remove the burner from the grill. Locate and remove the black control knobs and set aside. Using a 3/4-inch wrench, loosen and remove both the cross-over hose (between the burners) and the regulator hose. Locate the ignitor bracket to the right of the burner. Using a 7/16-inch wrench, remove the ignitor bracket and set to the side. Using a 7/16-inch wrench, remove the bolts that attach the burners to the grill bottom. Set hardware aside for later. Remove the burner from your grill. Repeat for all burners.
2. Using an 11/16-inch wrench, loosen the valve from the burner assembly. Note the correct orientation and alignment of the screen and shutter. It is important to put them back in the same position when you install the new valve. Remove the valves. Repeat for all burners.
3. Install the new valve on the burner assembly. Position the screen and shutter in their original orientation and alignment. Refer to the image to verify the correct orientation and alignment of the screen and shutter. Incorrect orientation or alignment will affect air flow and prevent the grill from working properly. Using an 11/16-inch wrench, tighten the new valve onto the burner. Do not over tighten the valves. **Over tightening of the valve may cause it to break into voiding your warranty.** Repeat for all burners.
4. Install the burners back onto the grill body using the nuts and bolts and hand tighten. Using a 3/4-inch wrench, attach the cross-over hose to the valves. Next, tighten the burners with the 7/16-inch wrench. Attach either the regulator hose or six-foot natural gas hose and tighten it with a 3/4-inch wrench. Replace black control knobs onto valve stems. Install igniter brackets with a 7/16-inch wrench.
5. Your grill should now be ready to connect to your natural gas supply line. Before using your grill, test all gas connections for leaks. If you find a leak, tighten the connection and re-test prior to using the grill.

