

Clearing Debris from a Leaking Valve

On occasion dirt or debris from the gas line will enter the AWEIS and lodge in the area of the valve that is supposed to seal off the gas when the valve is turned off. The way you can tell if this has happened is after the fire feature has been turned off – flames are still present on the fire ring. This can also happen with the Pilot Burner but rarely does it happen. Usually the valve that becomes partially stuck open is the main valve supplying gas to the main burner (fire ring).

The steps for clearing debris from a leaking valve are shown below.

Step 1. Reduce the inlet and outlet openings of the AWEIS in preparation for injecting air into the unit using a compressor, as shown in the photo at right.



Step 2. Spray a small of lubricant in the Outlet side of the valve.



Step 3. Using a compressor, inject air into the Outlet side of the valve. Pressure should be set between 30 and 40 psi. When doing this the valve will make a repetitive “thumping” sound – this is normal.



Step 4. Reduce the compressor output pressure (10 to 20 psi). Place one hand on the Outlet side of the valve while injecting air into the Inlet side of the valve. If you have cleared the debris – you will not feel any air coming out of the Outlet side of the valve. If you do feel air, repeat the steps above. If after repeated attempts you still cannot clear the debris, the AWEIS valve box must be replaced. **Normally the debris will clear after the first attempt.**



Clearing debris from a Leaking Pilot Burner

Step 1: Spray a small amount of lubricant in Pilot Gas Connection

Step 2: Inject air (30 – 40 psi) in Pilot Gas Connection (shown at right).

Step 3: Inject air (10 – 20 psi) in Inlet to AWEIS and feel for air at Pilot Gas Connection

Step 4: Repeat as necessary.

