

solus

Contemporary design, formed in concrete.

FIRE FEATURES

Care and Maintenance



Solus Care and Maintenance Guide

Congratulations on the purchase of your Solus Fire Feature. As with any other appliance, you must take good care of your outdoor fire pit to ensure longevity and reliable performance. Following this Care and Maintenance Guide will also ensure that your warranty will be in effect in the unlikely event that it should be required.

The following key components must be maintained by a certified gas fitter at least once a year as follows: (* denotes maintenance tasks that can be done by a home owner; *** denotes maintenance tasks that should be done by a certified gas fitter)

General Maintenance of your Solus Firepit:

Every two years, vacuum the inside bottom of the concrete vessel to ensure that the lava dust does not block the venting holes of the vessel.

Before starting, have the following on hand:

- Vacuum, pipe cleaner, steel wool, and WD40
- Work gloves
- Plastic drop cloth (this is to place the rocks upon)
- Old towel or blanket (to place on the rim of the firepit and rest the burner on)

- Step 1: Ensure that the fuel (NG or LP) is turned off at the main source. If it is electronic, switch off the breaker.
- Step 2: Keeping rock types separate, remove them from the firepit and place them on plastic (stones can be cleaned easily with hot soapy water or can even be placed in the dishwasher)
- Step 3: Lift the burner assembly (lift the burner carefully and use protective blanket to avoid scratching the surface or rim of the vessel) With the help of another person, remove the dirt and debris from the inside of the vessel with a shop vac or by hand.
- Step 4: Inspect the burner for any issues. Ensure that the nozzles are clear by following these guidelines:

MANUAL LIT SYSTEM

Burner Nozzles – *Vacuum (using shop vac or vacuum cleaner) tip of each nozzle to clean out any dust, dirt or water condensation in the gas orifice.

Ball Valve – *Spray one shot of WD40 into the key hole, insert the key and rotate the ball valve clockwise and anticlockwise. Repeat as needed to achieve smooth ball valve operation.



Picture of the ball valve viewed from the flange plate is shown at left. Spray WD40 into the key hole as pointed out here.

MANUAL LIT SYSTEM with FLAME SUPERVISION VALVE (for CE Certification)

Burner Nozzles – *Vacuum (using shop vac or vacuum cleaner) tip of each nozzle to clean out any dust, dirt or water condensation in the gas orifice.

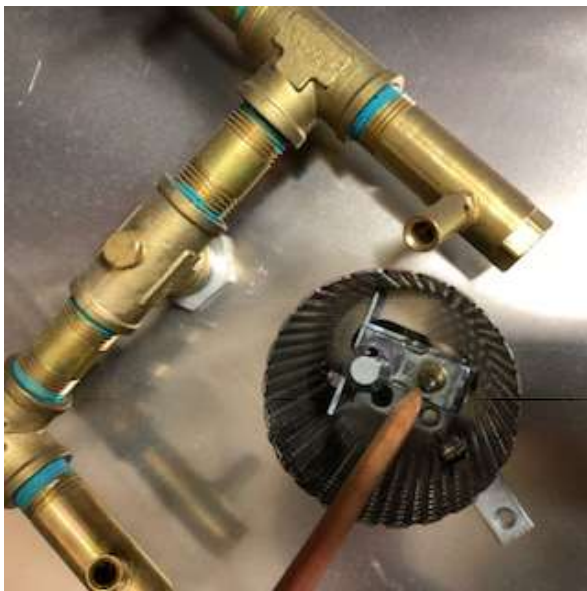
Flame Supervision Valve H15 – *Remove the “button cover” (pictured on following page), blow air under the push button at no more than 40 psi air to clean out any dirt or grime underneath. Please note that the button can be easily popped out with a flat head screw driver; please note the pattern at the back of the button as the button can only be reinstalled in one orientation.

Manual Lit System w/Flame Supervision Maintenance continued...



Flame Supervision Valve H15 button (grey in color). Note the pattern on the back of button for reinstallation

Thermocouple K17 – *Gently clean the tip with steel wool to remove tarnish.



Thermocouple viewed from the top

Manual Lit System w/Flame Supervision Maintenance continued...

Universal Pilot J985 – *Clean the spark rod tip with steel wool to remove any tarnish or dirt. ***If gas flow weakens over time remove inlet and wash with mineral spirits and clean inside the inlet tube.



Inlet Tube pictured below the Universal Pilot

ELECTRONIC IGNITION SYSTEM with or without ADJUSTABLE BALL VALVE (Adjustable Auto Firepits)

Burner Nozzles – *Vacuum (using shop vac or vacuum cleaner) tip of each nozzle to clean out any dust, dirt or water condensation in the gas orifice.

Dual solenoid valve BGD258 – *Ensure that the coil terminals (where the wires are connected to) are clean from spider webs, leaf built up, anything that could short out between the terminals.

Electronic Ignition System Maintenance continued...



Picture shows one of two coil terminals. Both coils must be kept clean

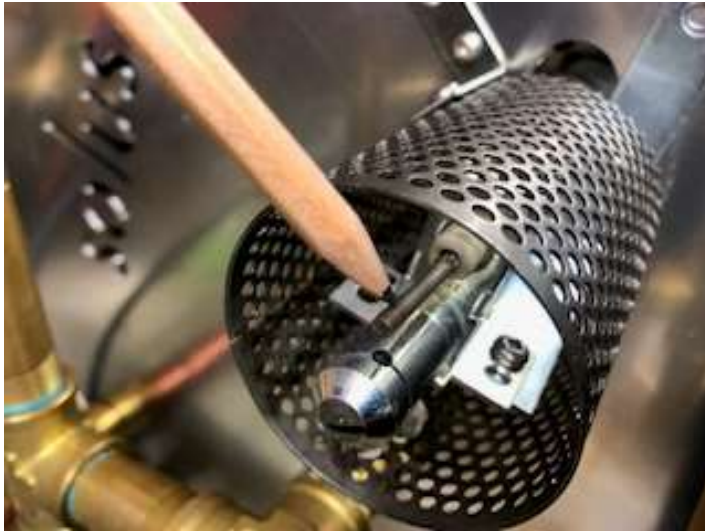
Intermittent Pilot J996 – *Clean the spark rod tip with steel wool to remove any tarnish or dirt. ***If gas flow weakens over time remove inlet and wash with mineral spirits and clean inside the inlet tube.



Inlet Tube pictured below the Universal Pilot

Electronic Ignition System Maintenance continued...

Sensor Assembly (Temperature Sensor Probe) Y75 – *Clean the tip with steel wool to remove any tarnish or dirt.



Temperature Sensor Probe

Spark Ignitor – *Clean the tip with steel wool to remove any tarnish or dirt.



Picture of Spark Ignition is shown to the left. Only the metal part needs to be cleaned up with the steel wool. The ceramic part is fragile, care should be exercised to ensure that the ceramic portion is not handled unnecessarily.

Electronic Ignition System Maintenance continued...

Condensation Chamber (the vertically mounted brass tubing with end cap) –

***Remove the end cap and drain off any water. Install the end cap with fresh Teflon tape and check for gas leak.



Pointing at the endcap of Condensation Chamber

ETHANOL BURNERS – Simply pull out the main cylinder and inspect it for any water that may have collected in the basin. Dump out any water and reinsert.

- Step 6: Place burner back in fire pit
- Step 7: Put rocks back on support plate
- Step 8: Light and enjoy, or cover your fire pit for another day

General Maintenance of the concrete vessel:

Hemi Firepits, Firecube, Firebox, or Linear

Your concrete firepit may slightly fade, patina, and/or watermark over time. This is natural and normal. If you wish to bring it back closer to its original colour it will require a gentle buffing with a clean Scotch Brite green pad (or something similar to what is pictured below) and then a liberal application of stone sealer. (Any stone sealer will suffice including Miracle 511 or a stone sealer from Home Depot, B & Q (UK), or a similar retail store)



Scotch Brite green buffing pad

Firetable, Halo, Elevated Halo

It is important to note that the above method (under Hemi, Firecube... etc.) should **not** be used on any of our firepits that have a tabletop surface (including the concrete ring which is an additional option for the Hemi above) Simply use warm water and a gentle soap. Rinse and repeat. Leave to dry. You can apply sealer once the table surface is dry and repeat with clean cloths.