

Service Kit - Installation Guide

Dissassembly

Turn off and isolate the gas supply to the burner. Remove the lava rock.

For burner kit installations, carefully lift the tray enough to allow access to underneath the pilot area, and to the back of the control box. If you are replacing the ignition system, you will also need to undo the four screws and take off the front of the control box.

For fire pit tables, you need to lift/tip the table for access. If you are replacing the ignition system, you will need to undo the four nuts and remove the control bracket, which holds the valve.

You may find it easier to replace the pilot assembly with the pilot cage removed. Straighten the cage legs to remove it. Disconnect the lead from the white ceramic electrode, under the pilot. Disconnect the copper thermocouple from the back of the valve by unscrewing the small brass split nut. **Do not loosen or remove the large silver nut** that forms part of the main gas valve.

Remove the two screws holding the brass pilot bracket in place and withdraw the pilot assembly from the burner tray. The bracket may separate into two halves freeing the old pilot, thermocouple, and electrode. Remove the top part of the old pilot and discard. Remove the bottom of the old pilot from the flexible stainless steel gas pipe using two spanners. Try not to damage the brass screw connection on the stainless-steel hose as this usually does not need to be removed and is needed again when attaching the new pilot.

Assembly

Make a note of the orientation of the pilot, electrode and thermocouple before removing the two screws from the new pilot assembly. Attach the new pilot base to the hose using two spanners and reassemble into the bracket.

Feed the new assembly into position, making sure the **pilot is facing one jet towards the centre of the burner**. Tighten the screws through the burner plate bracket.

Carefully uncoil the copper thermocouple and slip the small brass split nut over the flattened part at one end. Push into the back of the gas valve and tighten the split nut. Ensure the copper lead is not kinked or bent sharply, as this will render it inoperative.

To replace the ignition system, attach the new lead to the single spade on the end of the new ignitor unit. You may need some small pliers to push together fully. Remove the nut holding the old ignitor in place. Replace with the new unit with the **spade attachments facing upwards**. Attach the other end of the lead to the bottom of the white ceramic electrode, next to the pilot. Put the AAA battery into the ignitor. **Please note: The new battery powered unit will spark strongly against you if tested in your hand. Once the control box front is replaced, the circuit will be complete and it will be earthed.**

Replace the pilot cage and bend the legs over to secure in place. Test the pilot gas joint for leaks.

