

# Barbeque Ignition Replacement Instructions

## Disassembly Instructions

**NOTE:** As this procedure requires the removal of the gas connection it is recommended that it is performed by a licensed gas fitter.

- 1) Disconnect the gas by:
  - a. For natural gas: disconnect the bayonet connection from the wall outlet
  - b. For LPG (bottled) gas: turn off the gas valve on the gas bottle and unscrew the gas hose.
- 2) Disconnect the gas hose from the barbeque using the correct sized spanner or adjustable spanner.



- 3) Remove either the gas nipple(pic1) or brass(pic2) or chrome plated elbow(pic3) that the hose was attached to.



- 4) Remove all of the gas control knobs. If difficult to remove, wrap a cloth underneath the knob and pull the knob off in a direction perpendicular to the fascia



- 5) Remove the battery from the ignition by unscrewing the ignition button bezel and remove the battery.  
6) Loosen the plastic lock nut holding the ignition box in place.



- 7) Using a Phillips head screw driver, unscrew the two screws located underneath the front fascia panel.  
8) Gently ease the bottom of the front fascia panel out until it clears the barbeque frame. Lift up vertically to free the top edge (it may be necessary to tap the underneath of the fascia gently in an upwards direction to slide it free). The ignition box is connected to the ignition probes by wires, so do not pull the fascia away from the barbeque frame before completing the next step.



- 9) Completely remove the plastic lock nut which was loosened in step (6). You can now remove the ignition box from the rear of the front fascia panel. Place the fascia to one side.  
10) Replace the faulty ignition box by:  
a. If you have been supplied with an ignition box without the cables, pull the existing cables from the existing ignition unit one cable at a time and fitting it to the corresponding pin on the new unit before removing the next cable. See diagram on final page for further detail.



NOTE: If you have been supplied with new cables, remove the cable from the end of the ignition probe one at a time. Do not wrap the cables around the gas manifold for more than one revolution.

- 11) Fit the battery and test the ignition for correct operation on all burners before re-fitting fascia.

## Reassembly

- 1) Fit the threaded section of the ignition box through the hole in the front fascia (from the back with the cable connections at the bottom)
- 2) Replace the plastic locking nut and tighten firmly (finger tight only – do not use tools)
- 3) Replace the front fascia panel by first locating the top of the fascia over the front lip and tap down gently.
- 4) Slide the bottom of the fascia in place and align the screw holes and replace the screws.
- 5) Replace the knobs onto the gas control valves. Note: Do not push them too far down as they may foul the fascia resulting in scratching.
- 6) Smear a thin coating of sealant (we recommend Boston liquid sealant that you can get from Bunnings) around the end of the thread of the gas nipple or elbow that will screw back into the manifold. Replace the gas nipple or elbow into the manifold.
- 7) When replacing the chrome plated elbow test fit first without the liquid sealant and count how many turns are required to get it to line up with the hole in the built in kit (see pic below) Then apply the liquid sealant and fit to the manifold by turning the required amount of turns to line up with the hole. Allow the sealant to cure for 30 minutes before fitting the hose.



- 8) Reconnect the gas hose to the nipple or elbow and then to the gas bottle or natural gas wall connection.
- 9) **Test the connections for the gas supply to the BBQ with soapy water. If there's no bubbles it means the seal is good.**

## Replacing the ignition probe

Once you've removed the fascia by following steps 1 to 8 of the disassembly instructions above then removing and replacing the ignition probes is as simple as unscrewing the brass nuts at the front and back of the of the BBQ firebox.



## Replace your gas valve

- 1) Follow steps 1 to 8 above to remove the fascia from the BBQ frame.
- 2) Remove the two Phillips head screws in the gas valve clamp as shown below.

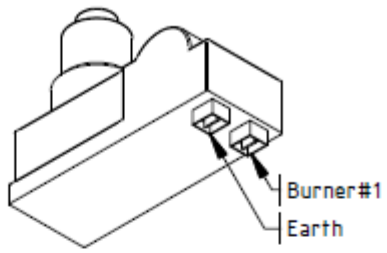


- 3) Remove the brass nut on the inside of the firebox. See the image below.

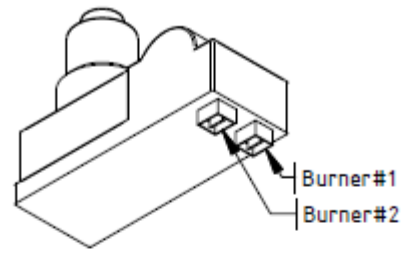
- 4) **Once you've fitted the new gas valve, reconnect the gas and test the seal where the valve attaches to the manifold by spraying or dabbing soapy water onto it. If there's no bubbles it means the seal is good.**

If in any doubt regarding servicing your Lifestyle BBQ please contact our service team on 02 9773 6245 or have a licensed gas fitter carry out the work.

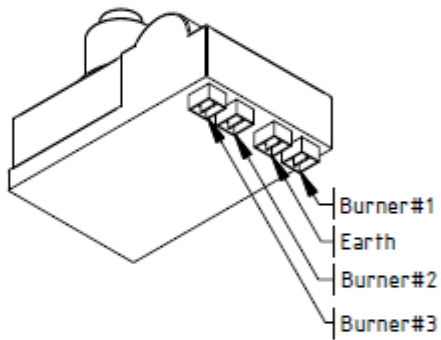
## Ignition Box Wiring Diagram



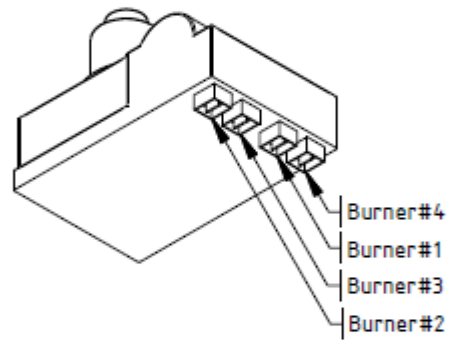
LifeStyle Side Burner



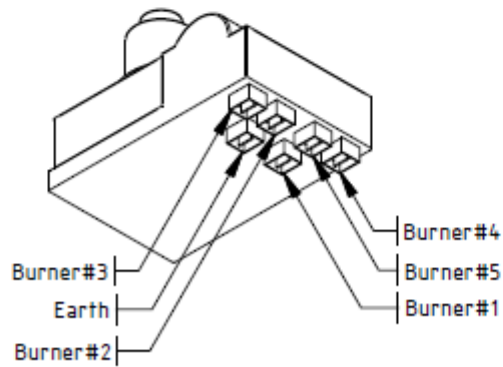
2B BBQ



3B BBQ



4B BBQ



5B BBQ