

## **Spark Ignition Box Replacement**

(For replacement of the Spark Ignition Box on ENO hobs)

2 Outlet Box (Part # 72635) For all 2 burner hobs.

4 Outlet Box (Part # 72645) For all 3 Burner burner hobs

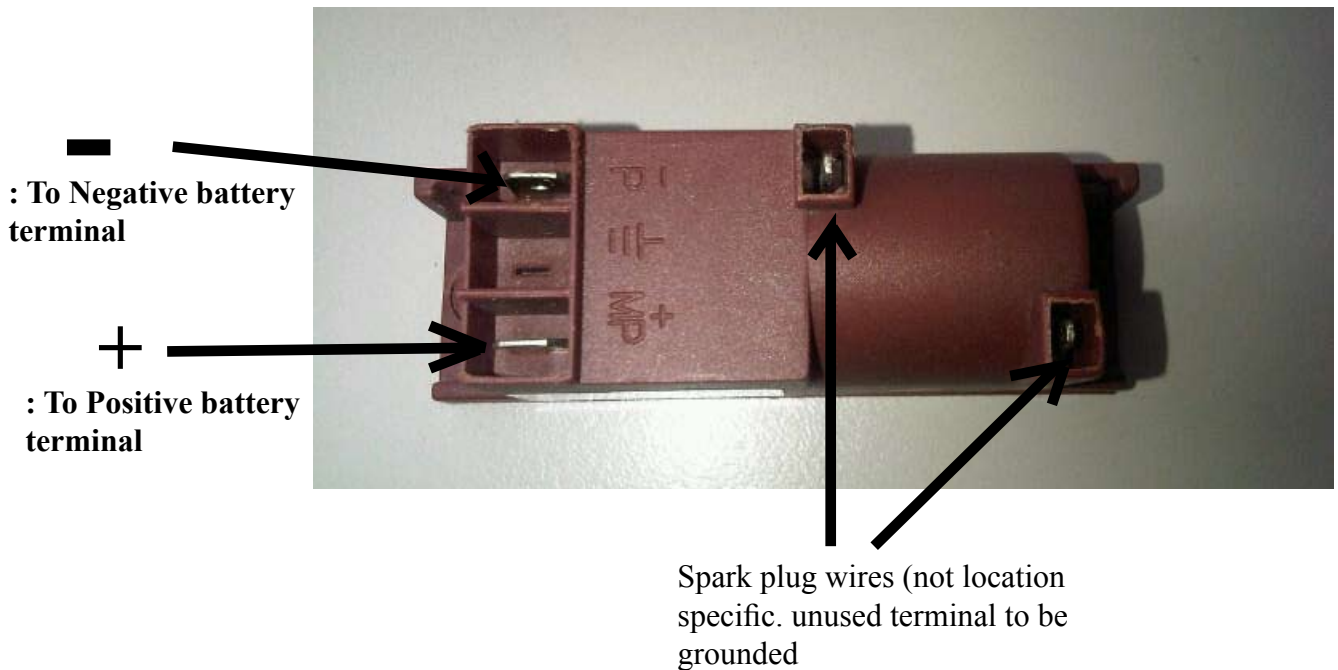
**Warning** -Remove the battery before replacing Ignition box.

Theory:

The spark ignition box provides an output voltage of >18kV at a frequency of 2-3 Hertz to the spark plugs from an input of 1.5V DC supplied by a AA battery source. When the box is energized (circuit closed) the box will supply power to all the attached spark plugs.

Replacement of the Spark Box:

- 1 The spark box is located under the top tray on the burner brace. It is secured with (2) bolts.
- 2 Remove all of the wires from the box.
- 3 Remove the box from the unit by undoing the nuts and bolts and install the new box



### **Wire Placement:**

**Connect the Negative wire from the battery holder to the -P terminal.**

**Connect the Positive wire from the battery holder to the +MP terminal.**

**The center position is unused.**

Spark Plug wires are not location specific but if there are unused terminals these need to be grounded: on (3) Burner units, the open (unused) output terminal on the (4) outlet spark box must be grounded to the burner bracket.

Replace Battery in Battery Holder (Respect polarity) before testing. Note: If the Polarity is reversed, there will be no spark

If you have any questions, please contact Ocean Solutions Customer Service at 1-300-791-432 or email at [sales@oceansolutions.com.au](mailto:sales@oceansolutions.com.au)