

## Spark Ignition Box Replacement

(For replacement of the Spark Ignition Box on Force 10 Galley Ranges)

**4 Outlet Box (Part # 72645) For all 2 Burner Ranges**

**6 Outlet Box (Part # 72655) For all 3 & 4 Burner Ranges**

**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 either on the bottom brace at the back of the unit, or on the upper right stove side behind the top grill back depending on the age of the unit.
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.

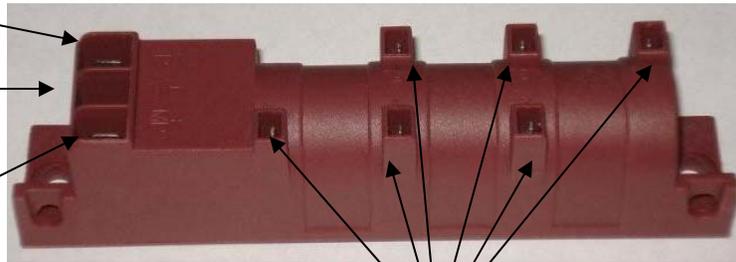
### Wire Placement:

For 3 Burner units, the open output terminal must be grounded to the stove frame.

**Black Wire to Switch(s)**

**Open (not used)**

**RED Wire to Battery +**



**Spark Plug wires (not location specific)  
Unused terminals need to be grounded.**

**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 Force 10 Customer Service at 1-800-663-8515 or email at [sales@force10.com](mailto:sales@force10.com).