

Replacement for SM4 Ignition Module

IMPORTANT: Only properly qualified service professionals should attempt to install this component. Read these instructions in their entirety before proceeding.

The original design SM4 ignition module is replaced by this kit.

The kit includes:

1. Ignition Module (with clearly marked terminals)
2. A pre-connected black lead wire on the 'L' terminal
3. Single female to dual male terminal connector
4. These instructions

****** You will notice that the replacement module has three more terminals on it than does the original ignition module.

- The one terminal marked 'L' with a pre-connected lead wire to make a new connection (as explained in Step 2 below)
- The two terminals marked 'X', which will remain empty

Procedure:

Step 1 – Install ignition module in place of the original module; transfer each wire from the original module to the same named terminal on the new module.

Step 2 – The additional terminal marked 'L' requires a direct connection to the incoming power. A lead wire has been pre-connected to this terminal on the new module.

Locate the main power terminal block. Identify and differentiate the Black (Line) and the White (Neutral) connection points on the terminal block.

Route the opposite end of the lead wire pre-connected to terminal 'L' of the replacement module to the appliance's terminal block ensuring that it does not interfere with any other components. **Connect the lead wire to the Black (Line) side of the terminal block. If an empty terminal is available on the Line side of the terminal block, use it. If not, disconnect an existing lead and reconnect both using the supplied female to dual male connector.** The purpose for making this connection is to provide line voltage to the 'L' terminal of the new module at all times.

Step 3 – Verify proper polarity at the incoming side of the main terminal block. The Black (Line) incoming lead from the power cord must be connected to the Black side of the terminal block and the White (Neutral) incoming lead must be connected to the White side of the terminal block. If you find these wires reversed, it is imperative to correct them.

Step 4 – Verify correct polarity at the power outlet where the appliance is connected.