

# INSTALLATION INSTRUCTIONS FOR ELECTRONIC SPARK MODULE

## PART NO. ERW10331686



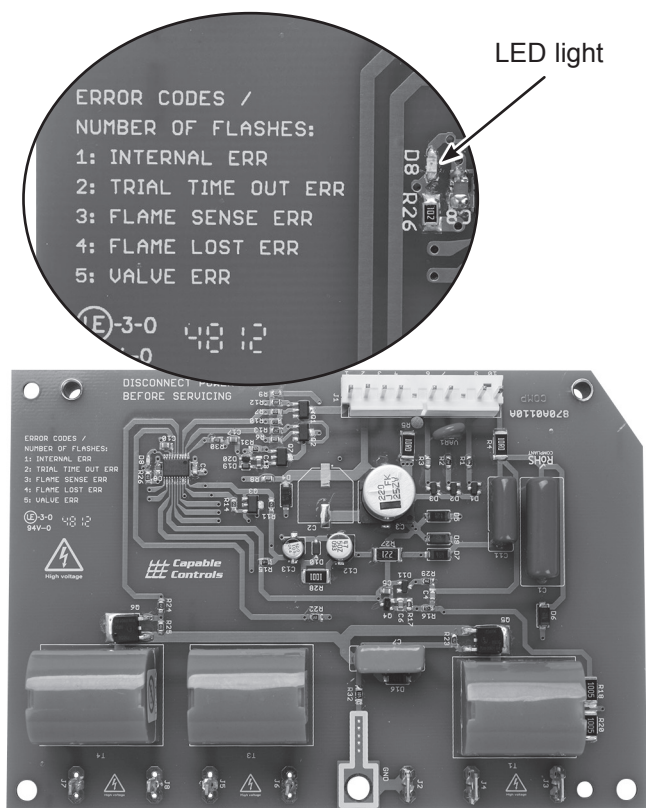
### WARNING! Electrical Shock Hazard

To avoid risk of electrical shock, personal injury or death; disconnect electrical power before servicing.



**CAUTION:** When you work on the gas range, be careful when handling the sheet metal parts. Sharp edges may be present and you can cut yourself if you are not careful.

Enclosed is an Exact Replacement Parts, Inc. enhanced electronic spark module circuit board that will look slightly different than your original board. This new board has diagnostic capabilities to help diagnose problems that may occur in your range. The LED light on your new board will blink different codes should a problem occur. The meaning of these codes are printed on your new board.

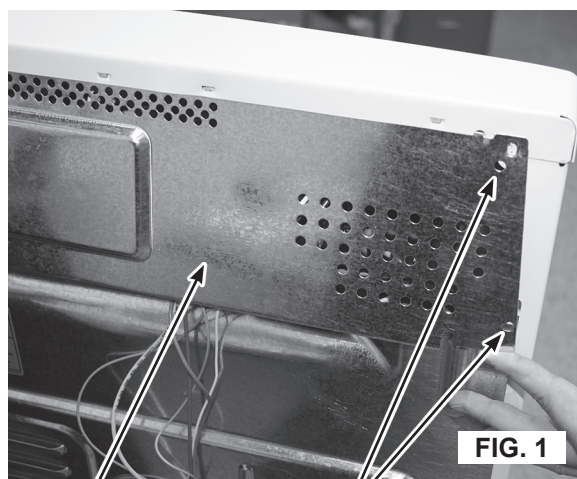


Spark Module Board

**NOTE:** This replacement electronic board is a direct replacement for all DIRECT SPARK IGNITION (DSI) gas ranges with serial code date between RK01 - RK33 and all DSI gas ranges with serial code date after RK42.

For those gas ranges built between code date RK33 - RK42, two additional steps are required to correctly complete this installation, See Appendix A.

1. Turn off gas to the range and disconnect the power cord from the wall outlet.
2. Pull the range away from the wall so you can access the back of the unit.
3. Remove the four screws from the top rear cover. See Figure 1.



Top rear cover

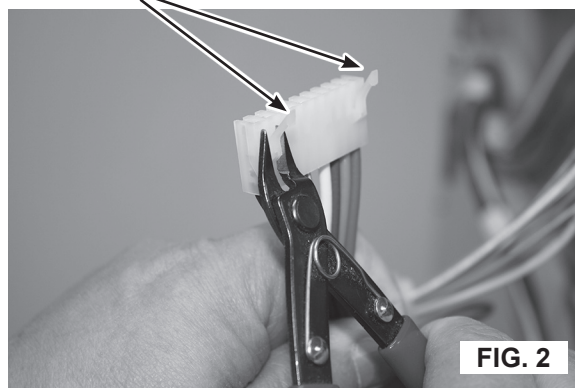
Mounting screws

4. Disconnect the wire connectors from the direct spark ignition control.
5. Remove the mounting screws.
6. Slide the two top pins out of the bracket slots and remove the control from the bracket.

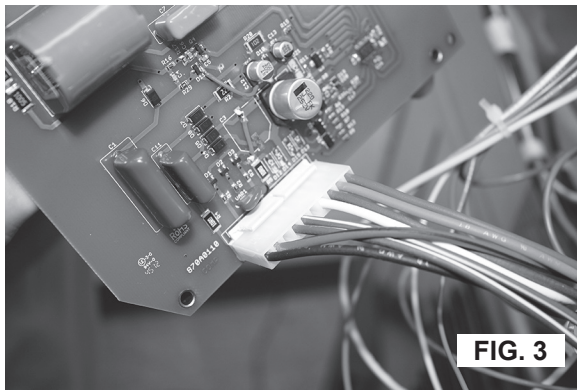
### INSTALLING NEW SPARK MODULE

7. Before plugging wiring harness into the new module board, first remove plastic tabs on the wiring harness. See Figure 2.

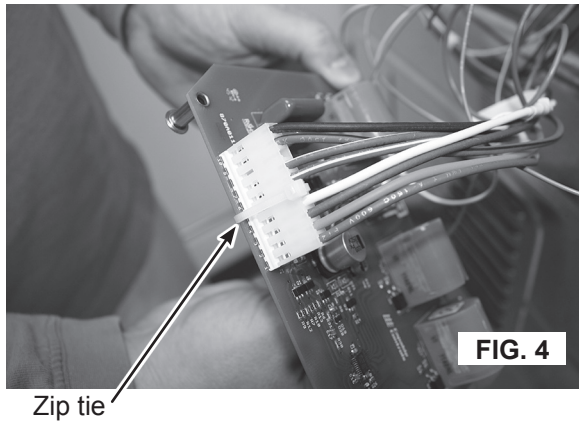
Tabs to be removed



8. Plug wiring harness into the new module board.  
See Figure 3.

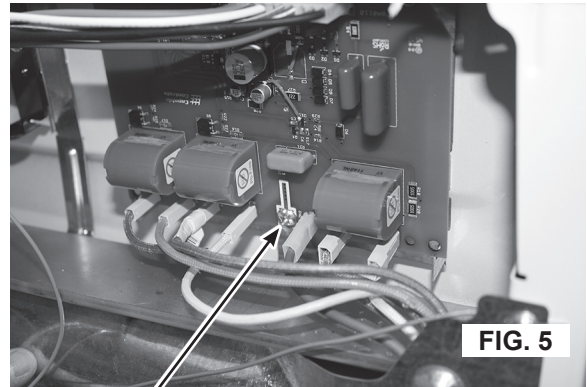


9. For added security, you can fasten a zip tie around the board as shown in Figure 4.



Zip tie

10. Slide module into bracket slots and secure with mounting screw, plug wires back into module. See Figure 5.



Mounting screw

11. Reattach top rear cover with the four mounting screws.  
12. Plug in range and turn gas on.

#### Appendix A

1. Unplug range or disconnect power.
2. A red wire used with the original electronic board will need to be removed and taped off. This red wire is not required when installing the replacement board.
3. A jumper located at the power cord connection must also be removed. (This connection is located at the right rear area of the storage drawer/warming drawer compartment).

NOTE: On ranges with a warming drawer the rear screws on the right side panel will have to be removed to gain access to the 120V connector plug and transformer wiring connector. Once the jumper is removed, reconnect the power cord connection.