

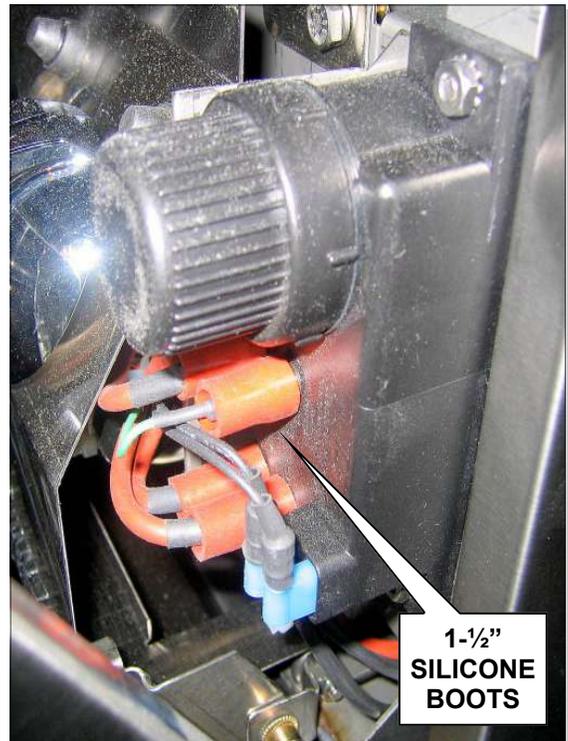
## ALX2 BARBEQUES IGNITER WIRE INSULATION RETROFIT KIT

The igniter wire insulation retrofit kit consists of 3 different lengths of flexible silicone tubing. This tubing needs to be installed around the ignition wires of all ALX2 Barbeques to ensure a proper spark to all electrodes when the igniter module is powered.

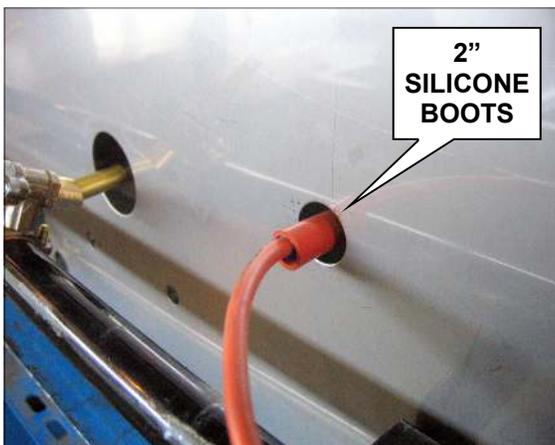
Each ignition wire needs to be insulated at both ends (the electrode location and the ignition module as shown on the following pictures:



**LEFT SIDE IGNITER:**  
(42", 56" AND 56" BFG MODELS)

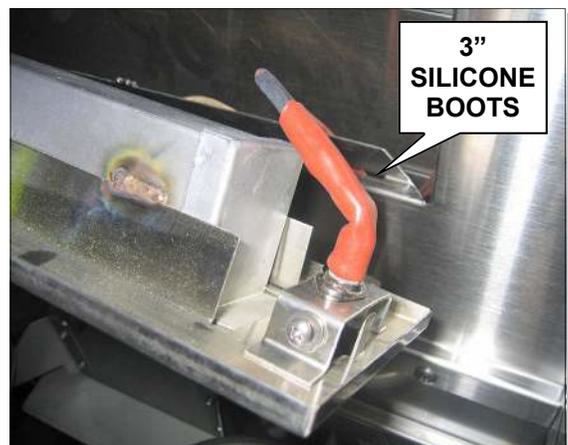


**RIGHT SIDE IGNITER:**  
(ALL MODELS)



**SEAR-ZONE™ AND U BURNER IGNITER:**  
(ALL MODELS)

**NOTE:** INSTALL THROUGH FIREWALL BEHIND CONTROL PANEL (FRONT PANEL).



**ROTISSERIE IGNITER:** (ALL MODELS)

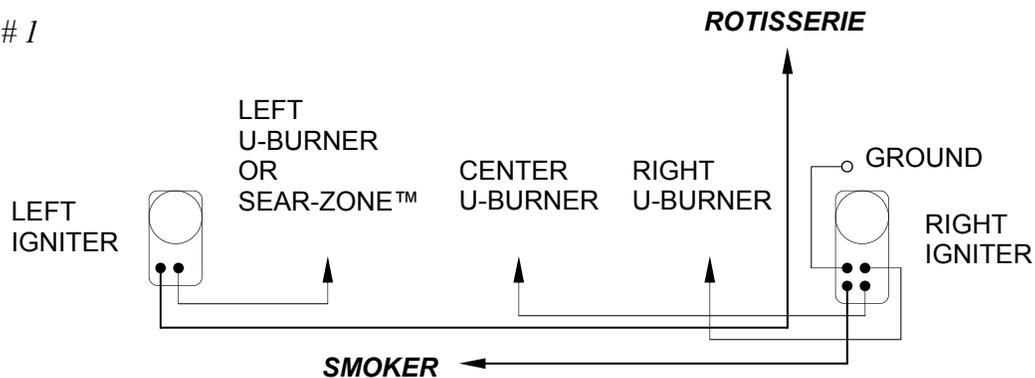
**NOTE:**  
56" BFG HAS ALSO A LEFT SIDE ROTISSERIE UNIT (OPPOSITE) IDENTICAL TO THIS UNIT.

## ALX2-42 AND ALX2-42SZ IGNITION WIRING CONFIGURATION:

In order to maximize the power supplied to the Rotisserie electrode in the ALX2-42 and ALX2-42SZ models, a new wiring configuration has been established that shortens the length of 2 existing wires.

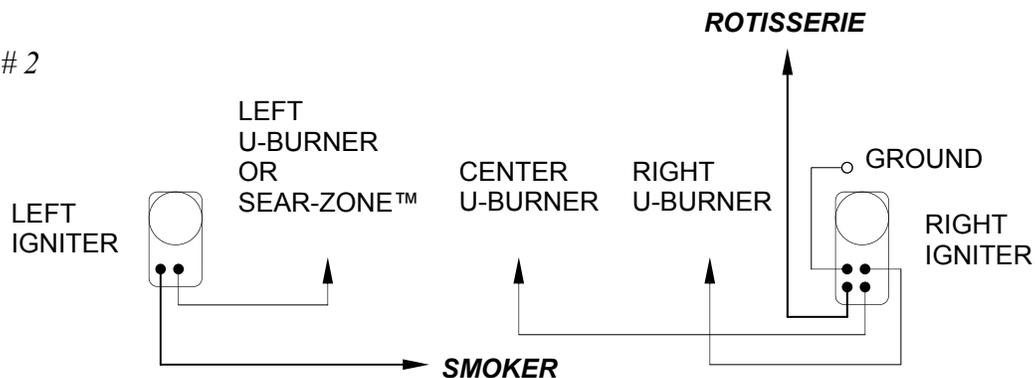
Original models (serial numbers smaller than 07-11600) had the ROTISSERIE electrode powered by the LEFT IGNITER module and the SMOKER electrode powered by the RIGHT IGNITER module as shown on diagram # 1.

Diagram # 1



Newer models (serial number 07-11600 and above) have been configured to have the ROTISSERIE electrode powered by the RIGHT IGNITER and the SMOKER electrode powered by the LEFT IGNITER module as shown on diagram # 2.

Diagram # 2



### PROCEDURE:

To reconfigure the wiring according to diagram # 2 simply follow the next steps:

- Remove all gas valve knobs from the ALX2-42 / 42SZ front panel.
- Lift and tilt forward the front cover to expose the igniter modules.
- Remove the 4 bolts (1/4-20 bolts at each corner) of the front panel to expose the valves and wiring.
- Cut the plastic "Zip-Ties" (also known as Ty-wraps) from the manifold that support the igniter wires.
- Unplug the smoker ignition wire from the right igniter module and swap wires with the rotisserie ignition wire located in the left module.
- Cut the rotisserie ignition wire to the proper length to reach the connector in the right ignition module.
- Strip the rotisserie wire approx. 1/4" and crimp the 0.11" Female Quick-Connect provided in the kit.
- Place the Heat-Shrink Tubing around the connector and shrink to fit.
- Plug into the available right Igniter module connector.
- Support all ignition wires with new Zip-Ties  
**(Do not over tighten - ignition failure may occur over time on crimped ignition wires)**  
**(Remove and re-install all Zip-Ties that may be tied to hard pinching the igniter wire insulation)**
- Install silicone boots as shown in page 1.
- Test all igniter modules and electrodes for proper sparking.
- Re-install the front panel, front cover and valve gas knobs.