



# PLASMA

## TROUBLESHOOTING GUIDE

**PROBLEM:**  
The PLASMA LED Ring is not bright.

**PROBLEM:**  
The PLASMA LED Ring is not turning on.

Use a voltage tester to check the voltage at the resistor input (red and black wires) be sure there is a minimum of 12V DC.

Check your in-line fuse. All power connections should be fused, be sure the fuse is not tripped.

Did you add any wire between the Ring and the Resistor? Adding wire (even an inch or two) could cause additional resistance and make the ring appear dim.

Start the vehicle. Many times the battery voltage on a vehicle can drop below the optimal point and cause the rings to appear dim.

Trace back your power and ground wires and insure good connection is being made.

Check the resistor and the ring wiring to see if power wires are making good contact.

**Solved!**  
Replace the fuse.

**Solved!** PLASMA is very sensitive to current changes between the resistor and ring. Never alter the wire length.

**Solved!** The SMD Halo rings are designed to work on a 12V vehicle system so these need a minimum of 12V

**Solved!** Connection Issue. Repair any loose or bad connections.

Check your connections. Be sure there are no areas where the wiring could have shorted or come loose from the connection. Keep ground wire as SHORT as possible.

One of the wires has come loose from the plug between the ring and resistor.

Wires on the ring are connected but are touching each other causing a short.

**Solved!** Untwist the wires so that no contact is being made between the bare power wires.

Removing the tape can cause a dead short and make sections turn off. Remove the ring and bench test.

**Solved!** Remove the connector and splice wires together with butt connector or solder the connection.

**Solved!** Current will follow the path of least resistance and rob power from the ring. Repair any loose or bad connections.

If using a remote or other controller with the Halos remove this and test power directly to the ring to rule out other problems.

Was the 3M tape removed from the back of the ring?

Is there epoxy or adhesive visible where the short is? Epoxy is conductive use heat gun to remove it.

The connection between the ring and resistor has come loose or has a poor contact.

**Solved!** Remove the connector and splice wires together with butt connector or solder the connection.

**Solved!** issue was caused by faulty controller. See controller troubleshooting.

Use a voltage tester to check the voltage at the resistor input (red and black wires) be sure there is a minimum of 12V DC.

**PROBLEM:**  
Sections of the PLASMA LEDs are not illuminating.

ORACLE Lighting PLASMA Products are Guaranteed Against Manufacturer defects. This does not cover damage from modification or improper installation. If damage or installer error does occur replacement parts can be purchased at a discounted price please call 1(800)407-5776 or email info@oraclelights.com for warranty information or to purchase replacement parts.