CCFL

TROUBLESHOOTING GUIDE

PROBLEM: The CCFL Ring is not bright.

- Allow vehicle to run for 10 minutes with the Halo Rings ON. This will allow the CCFL to "burn-in".
  - **Solved!** CCFL needs additional time to warm up if it is cold or if not in use for some time.
- Did you add any wire between the CCFL Ring and the Inverter? Adding wire (even an inch or two) could cause additional resistance and make the ring appear dim.
  - Remove ALL excess wire that was added. Keep the wires as SHORT as possible.
    - **Solved!** CCFL is very sensitive to current changes between the inverter and ring. Never alter the wire length.
  - Check the connector between the ring and inverter for signs of moisture. If the connector looks suspect cut off and simply splice wires together with butt connectors or solder.
    - **Solved!** Current will follow the path of least resistance. Moisture allows the current to arc in the connector and robs power from the ring.
    - Check the pins on the connector and be sure they are making contact. Pins may pop out of the connector causing loss of contact.
      - **Solved!** Wiring must be in working order for trouble free illumination.
- Use a voltage tester to check the voltage at the inverter input (red and black wires) be sure there is a minimum of 12V DC.

PROBLEM: Only one half of the CCFL ring illuminates.

PROBLEM: The CCFL Ring is not turning on.

- Check fuse on inverter. This a a 1A glass fuse in the black holder on the red power wire.
  - **Solved!** Replace the fuse.
  - Switch driver side inverter with passenger side inverter.
    - Problem remains the same with inverters switched.
      - **Solved!** Process of elimination shows the ring must be replaced. Call 1(800)407-5776 to order a replacement.
    - Problem moves to the opposite side with the inverters switched.
      - **Solved!** Process of elimination shows the inverter must be replaced. Call 1(800)407-5776 to order a replacement.
- Check for any visible cracks. Ring will not work if gas escapes
  - **Solved!** CCFL is a gas charged tube. even the most tiny crack will cause a ring to fail. Call 1(800)407-5776 to order a replacement.
- Use a voltage tester to check the voltage at the inverter input (red and black wires) be sure there is a minimum of 12V DC.

ORACLE Lighting CCFL Products are Guaranteed Against Manufacturer defects. This does not cover damage from breakage 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.

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