AMBIENT LIGHTING
INSTALLATION INSTRUCTIONS

8-COLORS
2– COLOR RANGES (HI/LO)
Limited Warranty

This Product is warranted to be free from defects in manufacturing and workmanship and is guaranteed to work for one year or 12,000 miles, or whichever occurs first. This Limited Warranty covers the repair or replacement of the Ambient Lighting components only and does not cover any costs related to or damage resulting from the installation of the this product. Ambient Lighting must only be used in the applications for which they were designed, tested and approved by Check Corporation, and failure to properly install this product, or improper installation or misuse of any component, will void this Limited Warranty. Installer shall indemnify and hold Check Corporation harmless from any and all installations contrary to automobile OEM, automobile dealership, and Check Corporation issued instructions.

MANUFACTURER’S LIMITED REPAIR/REPLACEMENT WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR DUTIES OR WARRANTIES ARISING FROM A COURSE OF DEALING, USAGE OF TRADE OR COMMON LAW. IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR PROXIMATE, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOSS OF PROFITS OR PRODUCTION OR INJURY TO PERSON OR PROPERTY. THE CONSUMER OF THIS PRODUCT SHOULD CONTACT ITS INSTALLATION DEALER FOR ANY WARRANTY CLAIM AND RETURN WARRANTY CARD TO VALIDATE WARRANTY.
LIGHT UP YOUR RIDE
CHECK CORPORATION AMBIENT LIGHTING
INSTALLATION MANUAL

Before you begin installation:
Please review all instructions and product warnings
Installation Instructions

The skills you need:

You need to be confident in your ability to:
• Remove and reinstall trim such as the center console or parts of the instrument panel
• 12 volt accessorizing (connecting an aftermarket 12 volt item to a factory 12 volt system)
• Create a hole in the trim for placement of the switch

Automotive electrical experience or a basic understanding of electrical systems and the ability to disassemble and reassemble automotive center console or dashboard is recommended.

Recommended tools:

• Multi-meter
• terminal crimpers
• wire strippers
• screw driver
• Wrenches
• electrical tape
• marker or pencil

• Drill
• wire cutters
• Torque, socket and Allen wrenches
• utility knife
• needle nose pliers
• Ratchet
• rotary tool with an 1/8" bit

Product Specifications

• 12v automotive system (11 – 15 volts)
• Maximum power requirements - 3.5W (0.25A @ 13.8Vdc)
• Connectors are indexed to prevent improper mating
### Kit Parts List

<table>
<thead>
<tr>
<th>Part</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Light Strips</td>
<td>2 (Upgradeable to 4)</td>
</tr>
<tr>
<td>Power Harness</td>
<td>1</td>
</tr>
<tr>
<td>Control Module</td>
<td>1</td>
</tr>
<tr>
<td>Plastic Mounting Strips</td>
<td>2</td>
</tr>
<tr>
<td>Switch Pack</td>
<td>1</td>
</tr>
<tr>
<td>Hardware Pack</td>
<td>1</td>
</tr>
<tr>
<td>OWNERS MANUAL</td>
<td>1</td>
</tr>
<tr>
<td>SERVICE MANUAL</td>
<td>1</td>
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</tbody>
</table>

### Switch Pack Parts List

<table>
<thead>
<tr>
<th>Part</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient Light Switch</td>
<td>1</td>
</tr>
<tr>
<td>Switch Harness</td>
<td>1</td>
</tr>
<tr>
<td>Switch Frame</td>
<td>1</td>
</tr>
<tr>
<td>Switch Template</td>
<td>1</td>
</tr>
<tr>
<td>Alcohol Cleaning Pad</td>
<td>1</td>
</tr>
</tbody>
</table>

### Hardware Pack Parts List

<table>
<thead>
<tr>
<th>Part</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female Faston .25</td>
<td>1</td>
</tr>
<tr>
<td>Female Faston .125</td>
<td>1</td>
</tr>
<tr>
<td>Large Tie Wrap</td>
<td>4</td>
</tr>
<tr>
<td>Small Tie Wrap</td>
<td>10</td>
</tr>
<tr>
<td>ATO Fuse Tap .25 Blade</td>
<td>1</td>
</tr>
<tr>
<td>Mini Fuse Tap .125 Blade</td>
<td>1</td>
</tr>
<tr>
<td>ATO Fuse Holder</td>
<td>1</td>
</tr>
<tr>
<td>Crimp Camp</td>
<td>1</td>
</tr>
<tr>
<td>ATO 3 Amp Fuse</td>
<td>1</td>
</tr>
<tr>
<td>Ring Terminal</td>
<td>1</td>
</tr>
<tr>
<td>Self Tapping screw</td>
<td>1</td>
</tr>
</tbody>
</table>
Installation Instructions

Wire Diagram:

- **Plastic Strip (x2)**
- **LED Lighting Strip (x2)**
- **LED Lighting Strip (Optional Add-On)**
- **Lighting Strips Can Be Plugged Into Any of Numbered Ports.**
- **Membrane Switch**
- **Color Settings Are Selected by the Number of Times the Switch Is Pressed (See Directions).**
- **Strain Relief Must Be Tied Wrapped for Support.**
- **Electronic Controller**
- **Switch Harness**
- **Black (Ground)**
- **Power Harness**
- **Red (+12V)**
- **12V DC**

1. **1-White**
2. **2-Black**
3. **3-Red**
4. **4-Green**
5. **5-Empty**
6. **6-Red**
7. **1-Empty**
8. **2-Empty**
9. **3-Empty**
10. **4-Brown**
11. **5-Empty**
12. **6-Red**

**Diagram-LED-AFM-2_α 03/23/11**
Aftermarket Ambient Lighting

Safety:

PLEASE READ BEFORE INSTALLING AMBIENT LIGHTING SYSTEM!

Do not modify this product.
Do not connect this product to factory ambient lighting parts.

- The ambient lighting system must be connected to switched ignition power only.
- Cannot be installed where it interferes with safety mechanisms or equipment.
- Must not be installed where driver’s vision can be obstructed.
- Check local laws on Ambient Lighting being permitted in vehicles (Laws may vary from state to state).
- **DO NOT INSTALL AMBIENT LIGHT STRIPS ANYWHERE EXCEPT BELOW THE INSTRUMENT PANEL OR THE VEHICLES SEATS** - FAILURE TO FOLLOW THESE INSTRUCTIONS MAY DISTRACT OR OBSTRUCT THE DRIVER’S VIEW
  IF THE SAFETY CONDITIONS CANNOT BE MET, DO NOT ATTEMPT INSTALLATION.

IN THE EVENT THAT THESE WARNINGS ARE DISREGARDED, THE WARRANTY BECOMES NULL AND VOID. MIS-USE OF THIS PRODUCT MAY CAUSE SERIOUS INJURY TO PERSON OR PROPERTY.

Function and user information

Your Ambient Lighting will cycle through eight colors, Hi/Lo intensity

- Colors: Red, Green, Blue, White, Purple, Amber, Aqua, & Pink
- Press the switch to cycle through each color setting
- Press and hold the switch to shut off the lighting at anytime
- When you turn the system on, it will start the cycle from the color it was shut Off
- Your system will shut off after two hours of continuous use, simply press the switch again if you would like it to turn back on
Installation Instructions

Installation

- Pre-wire all components on your workbench and test with a multi-meter for continuity. Do NOT use a battery charger as a power source. Use a 12V D.C. power source.

- Disconnect and isolate the negative (ground) battery cable, pump the brakes a few times, and wait five minutes for the system to discharge. It is important to do this before disconnecting any airbag connectors.

- Locate the vehicle fuse box and determine the routing of wire. Look for ignition switched fuses. Remove fuse from vehicle fuse holder. Using test light or voltmeter, determine which side of fuse holder is “hot” and which is “cold”. The “hot” side will have 12V when vehicle is running. The “cold” side will not (until fuse is re-inserted). Attach fuse tap to “hot” side of fuse. Re-insert fuse into fuse holder. Crimp faston, supplied fuse holder with fuse and red wire of power harness together. Plug faston to fuse tap. See Figure 1.

- Install the ground wire ring terminal, from the power harness, to the fuse box ground screw. Clean terminals and grounding point of paint, grease, and dirt to ensure a good electrical connection. NEVER DRILL THROUGH THE FLOOR.

- Clean the mounting area for the switch with the provided cleaning cloth. Install the switch using the template enclosed in the switch packet. Ensure that the wire harness will reach the switch and the wires aren’t obstructed. Cut out a slot for the switch connector using the template to mount the switch. See Examples below, Figure 2 and 3.

- Determine where you can place your lighting strips beneath your instrument panel. Please note that the lighting strip must be securely attached to the surface you choose, including the over-mold strain relief. There are two plastic strips that you can use to help attach the light strips to and then tie wrap when necessary. Please see sample installations below (Figure 4 and 5):
Aftermarket Ambient Lighting

Installation

- Locate an area to conceal your controller. Make sure it is securely mounted to avoid vibration noise or rattling.
- Connect the six pin connector of the switch harness to the electronic controller.
- Connect the 2 pin connector of the power harness to the controller.
- Connect the two lighting strip connectors to the controller. Up to four lighting strips can be installed. Additional light strips are sold separately. See your sales associate for more details.
- Secure all and any loose wiring from your installation to avoid vibration noise or rattling and to avoid damage to them.
- Turn on the vehicle and test operation.
- Enjoy!

Troubleshooting of the electrical system

If the system does not work, check the following:

- Check for a blown fuse.
- Ensure that all connections are properly mated and that the 12V DC and ground wires are properly installed.
- Using a multi-meter or a test light, start at the power connection and trace back through all of the connectors and the switch to determine where the power loss is occurring. Repair as necessary.
- A poor ground connection. Check connections or try another grounding point.

IF YOU HAVE ANY QUESTIONS REGARDING THE INSTALLATION OF CHECK CORPORATION AMBIENT LIGHTING KITS, PLEASE CALL OUR HOTLINE AT 1-800-927-6787, 8AM TO 5PM EASTERN STANDARD TIME, MONDAY THRU FRIDAY.