

# INSTALLATION INSTRUCTIONS

## Cabin Light Fader – Part Number 13031

Congratulations on your purchase of this Light Fader. Adding this module to your interior lighting adds several features. When the switched power is off, the cabin light will stay on for 30 seconds after the door is shut before fading off. If switched power is on, the cabin light will fade off as soon as the door is shut. When switched power is turned off, the cabin lights will automatically come on. If the door is left open for 10 minutes, the cabin lights will shut off to conserve the battery.

### Parts Included in this Kit

1-Controller Unit and harness  
2-Zip-ties

1-T-tap  
1-male crimp terminal

### Electrical Connections

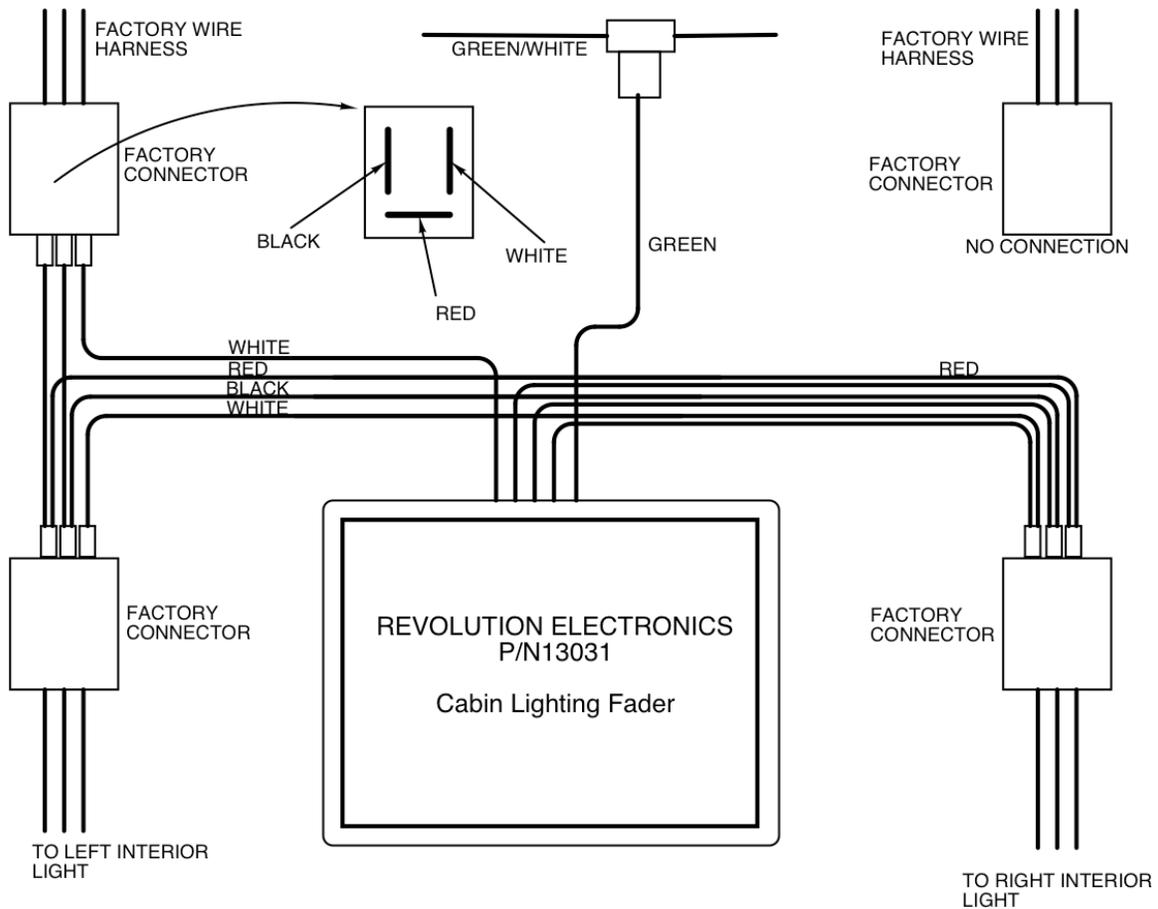


Figure 1

The Cabin Light Fader module connects between the stock harness and the two interior cabin lights (more lights can be added to the system if desired.) To gain access to the factory harness, you will need to remove the glove box and the panel beneath the steering column. For easiest

access, it is also recommended that you remove the center radio tombstone bezel (consult YouTube for videos on how to do this.)

1. Remove the two interior lighting units (use a small screwdriver to gently pry them from the dash) and disconnect from the factory harness.
2. Referring to Figure 1 above, connect the red, black, and white wires to the right (passenger side) interior light unit. Reinstall the lighting unit into the dash.
3. Feed the remaining harness over to the left side of the car. If you removed the tombstone bezel, this is pretty easy, otherwise you will need to carefully fish the wires through.
4. Connect the left side red, black, and white wires with female connectors to the left lighting unit and reinstall to the dash.
5. Connect the red, green, and black wires with male spade connectors to the appropriate wires in the factory harness (see detail at top of figure 1).
6. To sense key-on or key-off, we need a source for switched power. Leading up the steering column are several wires. Locate the factory green wire with white stripe. Use the supplied T-tap and connect to the green/white wire. Cut the green wire from the Light Fader module to length, strip about ¼" off the end, and crimp the male terminal to the stripped end. Insert into the T-tap.
7. Use the supplied zip ties to hang the Cabin Light Fader module from a factory bracket under the dash or other appropriate support.
8. Test unit by opening and closing doors with the key on and key off. Once you are certain the unit is working as it should, replace the glove box, the panel beneath the steering column, and the radio tombstone bezel.

### **Troubleshooting:**

#### **Does not appear to be working at all:**

- Red wire not connected to the constant power wire.
- Black wire not connected to the ground wire in the factory harness.
- White wire not connected to correct wire in lighting units.

#### **Other symptoms and fixes:**

- If the cabin light functionality does not seem to change whether the power is on or off, be sure the Green wire is attached to a good switched-power source.
- If the unit does not seem to be sensing the door opening and closing, check the White wire connection to the factory harness. A voltmeter on this wire should show about 4v when the door is closed and zero volts when the door is open.

### **Warranty:**

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