

AWL Venom Interior Light Bar



Installation and Operational Guide

SAFETY REGULATIONS

The following provides all information necessary to safely operate the following product of Advanced Warning Lights, and allow for your new product to be properly and safely installed.

Before beginning the installation and/or operation of your new product, the installation technician and operator must read the manual completely. Important information is contained herein and could prevent serious injury and/or damage.

Proper installation of this product requires the installer to have a good understanding of automotive electronics, systems and procedures.

Do not install this product or route any wires in the deployment area of your air bag. Equipment mounted or located in the air bag deployment area will damage or reduce the effectiveness of the air bag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle's owner manual for the air bag deployment area. The user/installer assumes all responsibility to determine proper mounting location, based on providing the ultimate safety to all passengers inside the vehicle.

If this product uses a remote device to activate or control this product, make sure that the control is located in an area that allows both vehicle and the controller to operate safely in all driving conditions.

If mounting this product requires drilling holes, the installer must be sure that no vehicle components or other vital parts can be damaged by the drilling process. Check both sides of the mounting surface before drilling begins. Also de-burr any holes and remove any metal shards or remnants. Failure to do so may lead to rust formation in or on your vehicle. Install grommets into all wire passage holes. Do not attempt to activate or control this device in a hazardous driving situation.

For this product to operate at optimum efficiency, a good electrical connection to chassis ground must be made. The recommended procedure requires that the product's ground wire be connected directly to the Negative (-) battery post.

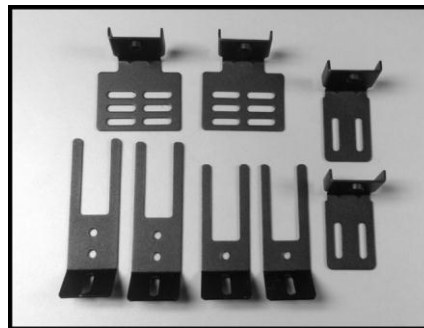
Failure to follow these safety precautions and instructions could result in damage to the product, vehicle, and/or serious injury to you and your passengers.

This warning light uses state-of-the-art Light Emitting Diode (LED) technology. This warning light is comprised of ultra-high intensity LEDs that are operated by a micro-controller to efficiently product light output with lifetimes up to 100,000 hours.

WARNING: Care should be taken when positioning this warning light on the dash so that the light and/or cord do not interfere with the proper operation of any of the air bags. Failure to heed this warning may result in serious or fatal injury.

BRACKETS & HARDWARE

For your convenience, and to assist in mounting, mounting brackets are included with your AWL Venom Interior Light Bar. It is important to note that vehicles may differ, and the included brackets/hardware may not suit your specific application. Some modification and/or customization to the brackets may be required for a secure and snug fit against your headliner and windshield.



MOUNTING



1. Secure brackets onto bottom of Venom Light Bar.



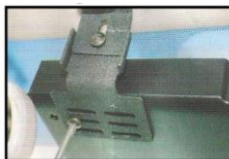
2. Adjust the big bracket according to the fit against the windshield.



3. Loosen screw of Visor.



4. Slide mounting bracket firmly into the slot.



5. Adjust Venom bar to firmly fit against windshield, then tighten.



6. The Venom Light Bar installation is complete.

OPERATION WITH CIGARETTE PLUG

- Plug cigarette plug into socket
 - For regular functions, touch the BROWN wire to the RED wire
 - For other functions, touch corresponding color wires to the RED wire (see wiring diagram below)
- Turn power switch to ON position
- Choose flash pattern via pattern switch
- To synchronize multiple units:
 - Use pattern switch to find the desired position
 - Connect the two cigarette plugs with the sync wire
 - Power on both units for synchronized lighting

OPERATION WITHOUT CIGARETTE PLUG

- Cut the supplied cigarette plug
- Power on unit by connecting the RED wire to a 12VDC source and the BLACK wire to a ground source
 - For regular functions, touch the BROWN wire to the RED wire
 - For other functions, touch corresponding color wires to the RED wire (see wiring diagram below)
- Choose flash pattern by touching the BLUE wire to the BLACK wire
- To synchronize multiple units:
 - Use the BLUE wire to find the desired flash pattern
 - Connect the YELLOW wires of both units together
 - Power on both units for synchronized lighting

OPERATION WITH RX SERIES CONTROLLER

- Pair the following wires from the RX Warning Bar and the RX-Series Controller:
 - RED to RED
 - BLACK to BLACK
 - YELLOW to YELLOW
 - BROWN to BROWN
 - ORANGE to ORANGE
 - BLUE to BLUE
- Then pair the WHITE wire from the RX Warning Bar to the GREEN wire from the RX-Series Controller
- Connect the RED wire to a 12VDC source and the BLACK wire to a ground source

WIRING DIAGRAM

Although the AWL Venom Interior Light Bar has an attached cigar plug, it also includes exposed wires. Each wire activates a separate function of the warning bar. In order to activate a specific function, touch the corresponding wire with the RED wire.

RED	Positive (+) – 12V Power
BLACK	Negative – Ground
YELLOW	To + For Flash Pattern
BROWN	To + For Warning Mode
ORANGE	To + For Left-Arrow
BLUE	To + For Right-Arrow
ORANGE+BLUE	To + For Center-Out
GREEN	To + For Super Flash