



**DAMEGA**  
ENGINEERING

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## *Saber & SaberRex Series Lightbar*

# Installation and Configuration Instruction Manual

*Please read the following instructions thoroughly and carefully. Improper installation of this equipment can result in you or your passengers sustaining serious injuries. DaMeGa Engineering always recommends installation by a certified installer to minimize any possible risk.*

## **SAFETY INSTRUCTIONS:**

**This document provides all the necessary information to allow 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 damage.**

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

**Do not install this product or route any wires in the deployment area of your airbag. Equipment mounted or located in the airbag deployment area will damage or reduce the effectiveness of the airbag, or become a projectile that could cause serious personal injury or death. Refer to your vehicle owner manual for the airbag deployment area. The User/Installer assumes all responsibility to determine proper mounting location, based on providing 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 control 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. Install grommets into all wire passage holes. Do not attempt to activate or control this device in a hazardous driving situation.**

**Use only soap and water to clean the outer lens. Use of other chemicals could result in premature lens cracking (crazing) and discoloration. Lenses in this condition have significantly reduced effectiveness and should be replaced immediately. Inspect and operate this product regularly to confirm its proper operation and mounting condition. Do not use a pressure washer to clean this product.**

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

**It is recommended that these instructions to be stored in a safe place and referred to when performing maintenance and/or reinstallation of this product.**

**FAILURE TO FOLLOW THESE SAFETY PRECAUTIONS AND INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT OR VEHICLE AND/OR SERIOUS INJURY TO YOU AND YOUR PASSENGERS!**

## **INSTALLATION:**

Place lightbar on the desired location of the vehicle adjusting its frame according to your vehicles specifications. Then attach the provided brackets, tightening them against the side of the vehicle. Be sure to drill screws behind the weather stripping for additional stability. Be sure to fuse the lightbar with a minimum of a 15 Amp fuse.

### **Installation with provided Control Box:**

Plug in lightbar to provided control box. Attach +VDC wire and Ground wire to battery. Again, be sure to fuse at 15 amps.

### **Switch Panel Usage:**

**Switch 1:** Activates LEFT ALLEY LIGHT

**Switch 2:** Activates RIGHT ALLEY LIGHT

**Switch 3:** Activates TAKE DOWN LIGHTS

**Switch 4:** Activates PRIMARY MODULES

**Switch 5:** Scrolls through FLASH PATTERNS

**Switch 6:** Activates LEFT TRAFFIC ADVISOR

**Switch 7:** Activates RIGHT TRAFFIC ADVISOR

**Switch 8:** Activates IN/OUT PATTERN ON TRAFFIC ADVISOR

**Switch 9:** Scrolls through FLASH PATTERNS for TAKE DOWNS AND ALLEYS

### **Installation to User provided Control Box:**

Apply constant +VDC to colored wire for different functions on the lightbar.

**RED:** Positive VDC

**BLACK:** Ground

**LIGHT GREEN:** To +VDC for LEFT ALLEY

**GREEN:** To +VDC for RIGHT ALLEY

**BLUE:** To +VDC for TAKE DOWNS

**WHITE:** To +VDC for PRIMARY MODULES FLASHING

**ORANGE:** MOMENTARILY (1 SECOND) +VDC to scroll through FLASH PATTERNS

**PURPLE:** To +VDC for LEFT TRAFFIC ADVISOR

**GRAY:** To +VDC for RIGHT TRAFFIC ADVISOR

**BROWN:** To +VDC for IN/OUT TRAFFIC ADVISOR

**LIGHT BLUE:** MOMENTARILY (1 SECOND) +VDC to scroll through FLASH PATTERNS of TAKEDOWNS AND ALLEYS