

# GEO SERIES

## INTERIOR LIGHTBAR



G-FRONT, G-PASS

# INSTRUCTION MANUAL



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## Safety Regulations

The following provides all the information necessary to safely operate the previously listed products of Feniex Industries, Inc. Please read this manual thoroughly before installing or operating your new product in order to prevent any damage or injury. Failure to follow the listed instructions in this manual may result in damage to your products or personal injury.

- Proper installation of this product requires good knowledge of automotive systems, electronics and procedures.
- Please guarantee all vital components of the vehicle are not in danger of being damaged by drilling holes necessary for installation. Check all sides of the mounting surface before drilling any holes into the vehicle.
- Do not install this product in any way that interferes with the deployment of the air bag. Doing so may damage the effectiveness of the air bag and can lead to serious personal and vehicle injury. The installer will assume full responsibility of proper installation of the new unit.
- Please clean the mounting surface before installation of the unit when using tape, brackets, magnet, Velcro or suction cups.
- The product's ground wire must be connected directly to the Negative (-) battery post for effective use of the unit. Please follow all wiring guidelines provided to guarantee long lifespan and productivity. Failing to follow these instructions may result in damage to the product.

## Warranty

Feniex Industries, Inc. warrants to the original purchaser that the product shall be free from defects in material & workmanship for 5 years from the date of purchase for all LED products. Feniex Industries warranties speakers, sirens, flashers, & controllers for 2 years.

If a warranty problem occurs, please contact customer support at 1.800.615.8350 or visit the web site at [www.feniex.com](http://www.feniex.com). If the product needs to be returned for repair or replacement, call our customer support line to receive a return merchandise authorization number.

Operational times are from 10 a.m. to 5 p.m. central time, Monday through Friday. Please do not send in product without contacting support first for a RMA number.

## Service After Expiration

Feniex Industries will still provide service for all products after expiration of the warranty. For any issues, call the customer support line. In some instances it may be necessary for the product to be shipped, freight prepaid and insured for loss or damage to Feniex headquarters.

**Warning!** Utilizing non-factory screws and mounting brackets may result in loss of warranty coverage.

## Copyright

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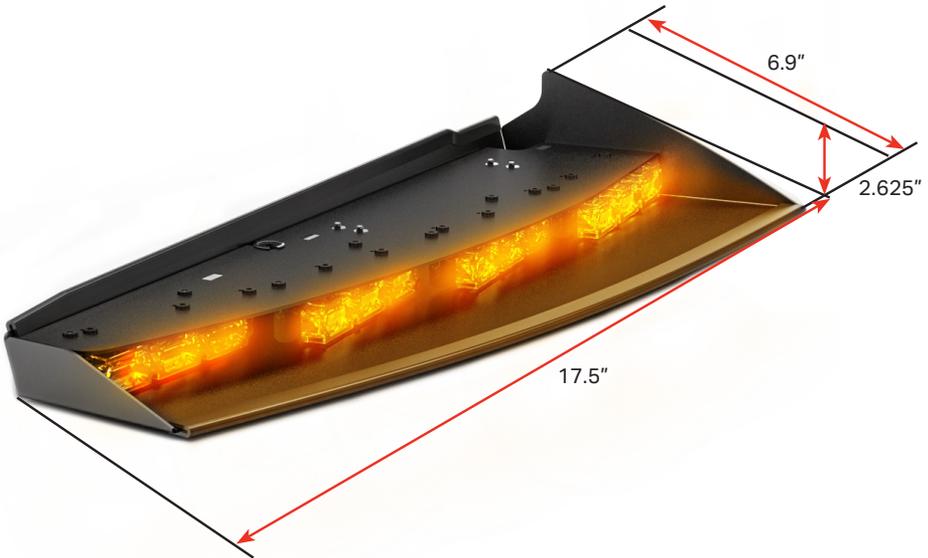
## Feniex Product Copyrights

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# SPECIFICATIONS, DIMENSIONS & WIRING DIAGRAM

## SPECIFICATIONS

Input Voltage:	12VDC
Current Draw:	5A
Certifications:	SAE J595, CT13, SAE J1113/11



## WIRING DIAGRAM

COLOR	FUNCTION	POLARITY	CONNECTION
■ Red	Positive	12v (+)	Latching Switch
■ Yellow	Pattern Change	12v (+)	Momentary Switch
■ Blue	Left Arrow	12v (+)	Latching Switch
■ Black	Ground	12v (-)	Chasis Ground
■ Brown	Mode 1	12v (+)	Latching Switch
■ Gray	Right Arrow	12v (+)	Latching Switch
■ Blue/Gray	Center Out	12v (+)	Latching Switch

## WIRING INSTRUCTIONS

- 1.** In order to power the unit, extend the red, 12V(+) wire to the 12V(+) post of the vehicle's battery. Extend the black 12V(-) wire to the ground post of the vehicle's battery.
- 2.** To turn the lightstick on, connect the brown wire to a 12V(+) source.
- 3.** Momentarily connect the yellow wire on a 12V(+) source to change flash patterns.
- 4.** For left arrow function, connect the blue wire to a 12V(+) post (switch). There are 8 different left arrow flash patterns. To select a pattern, engage the blue wire to a 12V(+) source and momentarily connect the yellow wire on a 12V(+) source to select the desired pattern.
- 5.** For right arrow function, connect the gray wire to a 12V(+) post (switch). There are 8 different right arrow flash patterns. To select a pattern, engage the gray wire a 12V(+) source and momentarily connect the yellow wire on a 12V(+) source to select the desired pattern.
- 6.** In order to achieve a center out directional pattern, connect both the gray and blue wires to a 12V(+) post (switch). There are 8 different center out flash patterns. To select a pattern, engage the blue and gray wire to a 12V(+) source and momentarily connect the yellow wire on a 12V(+) source to select the desired pattern.

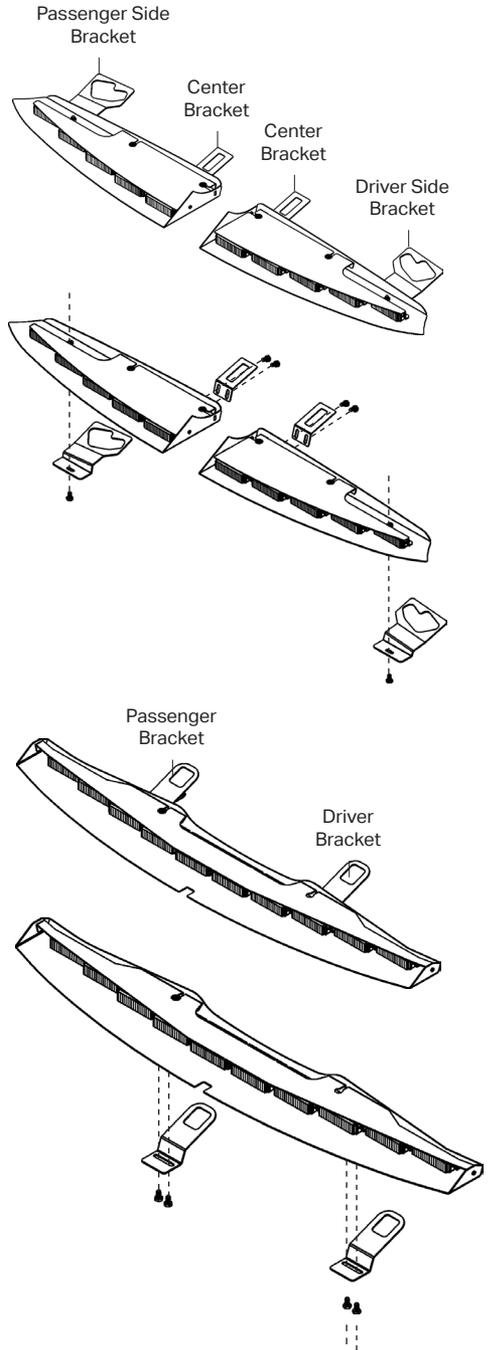
# MOUNTING INSTRUCTIONS

**1.** Following OEM instructions, remove the vehicle visor clips on the passenger and driver side of the vehicle. Retain the hardware and the visor clips.

**2.** Secure each mounting bracket to the metal frame using the provided hex head bolts or 8-32 screws. These are pre-inserted into the frame. Insert the hex head bolts through the mounting holes on the visor brackets to secure the brackets to the frame.

**3.** Position the opening of each bracket directly under the mounting location of the removed visor clips.

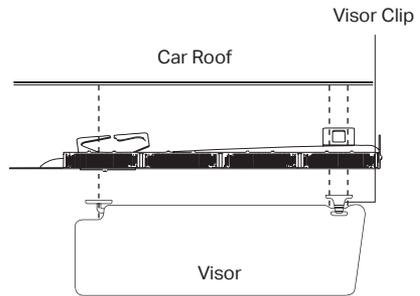
**Important!** The Universal Split model includes an adjustable flashback shield to allow for flexibility in the use of mounting brackets.



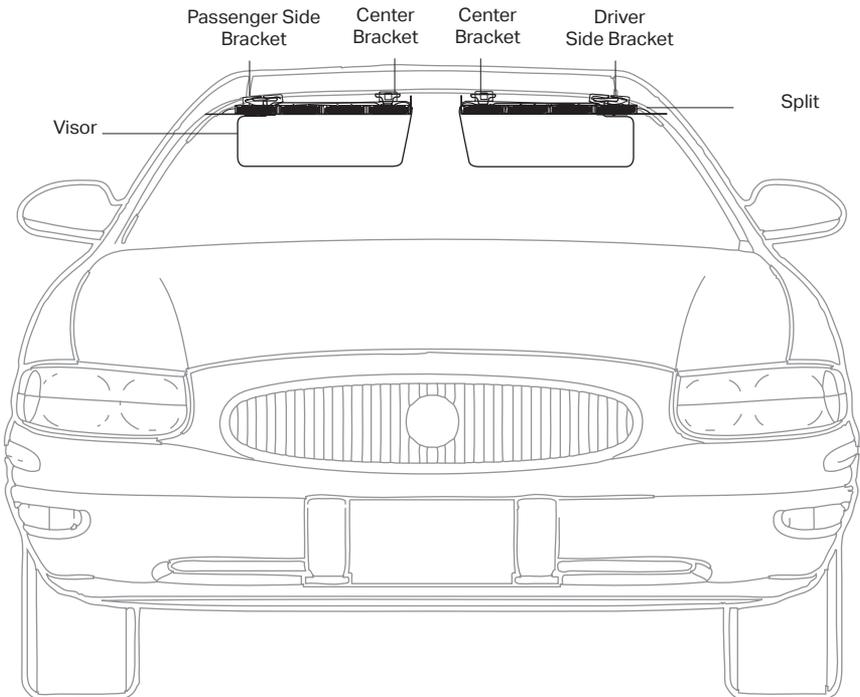
## MOUNTING INSTRUCTIONS

4. With the light bar against the headliner and the brackets positioned, reattach the visor clips back into their original position using the original hardware.

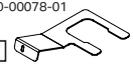
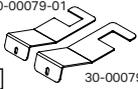
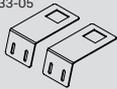
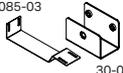
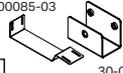
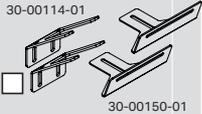
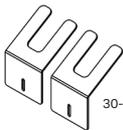
5. Push the black cable harness through the headliner and proceed with wiring instructions.



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**Important!** Depending on vehicle year, additional adjustments may be needed during installation, such as bending the visor clip brackets.  
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# VEHICLE BRACKETS

Name:	Driver Side:	Passenger Side:	Center:
<b>Front</b> Silverado 2007-2013 Tahoe 2007-2014 Yukon 2007-2014 Avalanche 2007-2013 Split	 30-00032-08	 30-00032-09	 30-00032-10
<b>Front</b> Tahoe 2015+ Suburban 2015+ Yukon 2015+ Silverado 2014+ Split	 30-00078-01	 30-00078-02	 30-00079-01 30-00079-02
<b>Front</b> Taurus 2011+ Interceptor Sedan 2011+ Split	 30-00033-03	 30-00033-04	 30-00033-05
<b>Rear</b> Taurus 2011+ Full	 30-00085-03 30-00085-04	 30-00085-03 30-00085-04	
<b>Front</b> Universal Split	 30-00114-01 30-00150-01	 30-00114-01 30-00150-01	 30-00114-01 30-00150-01
<b>Front</b> Durango 2015+ Split	 30-00194-01	 30-00194-02	 30-00195-01
<b>Front</b> Expedition 2007-2017 Split	 30-00198-01 30-00199-1	 30-00198-02 30-00199-2	
<b>Front</b> Ram 2011+ Split	 30-00233-01	 30-00233-02	 30-00234-01 (x2)

The flash patterns are listed in consecutive order of appearance. To select a certain flash pattern, start with a recognizable pattern and use the blue wire to cycle through patterns.

## FLASH PATTERNS

1. Cluster
  2. Attack
  3. Night Ride
  4. Combo Slow-Fast
  5. Combo Slow
  6. Combo Fast
  7. Half Half Slow
  8. Half Half Fast
  9. One One Slow
  10. One One Fast
  11. Two Two Slow
  12. Two Two Fast
  13. All On Slow
  14. All On Fast
  15. In Out Slow
  16. In Out Fast
- + Directional Patterns