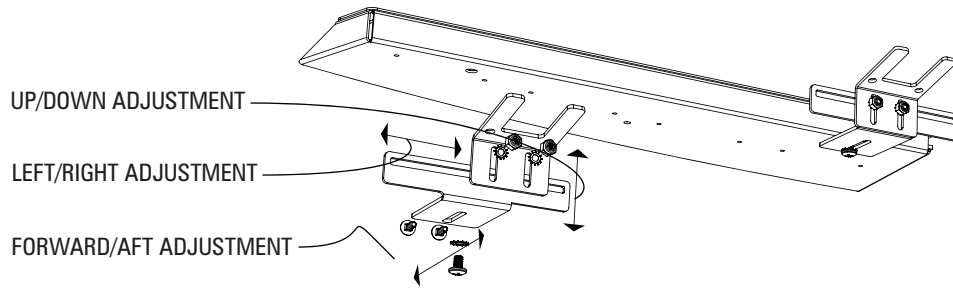
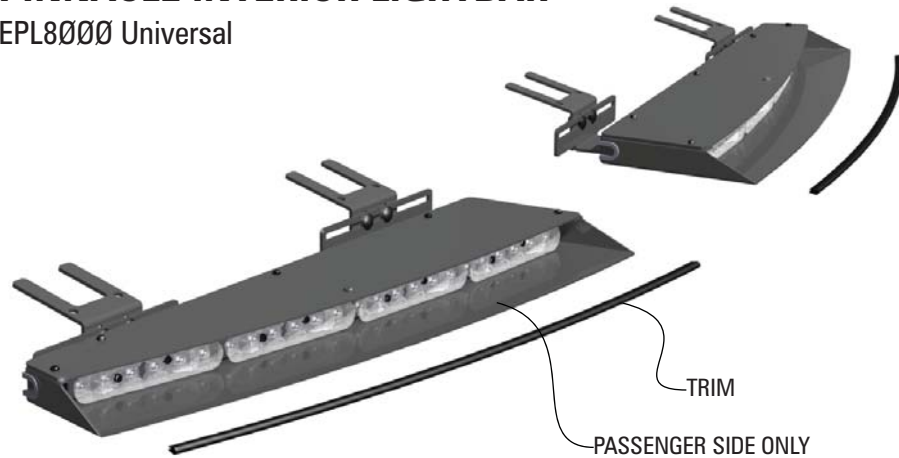


# PINNACLE

## Interior Lightbar

### PINNACLE INTERIOR LIGHTBAR

EPL8000 Universal



#### Important Information:

- Warning devices are strictly regulated and governed by Federal, State and Municipal ordinances. These devices shall be used ONLY on approved vehicles. It is the sole responsibility of the user of these devices to ensure compliance.
- DO NOT install this product or route any wires in the Air Bag Deployment Zone. Refer to your vehicle Owner's Manual for the location of any air bag deployment zones.
- DO NOT connect this device to a strobe power supply. This product is self-contained and does not require an external power supply.

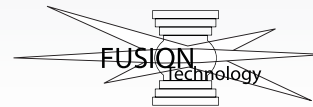


#### INSTALLATION:

1. The Universal EPL8000 has been designed to fit as many vehicles as possible using the adjustability of the mounting brackets. However, this may not allow the brackets to be mounted underneath visor clips in all vehicles. If the brackets will not fit your vehicle's visor clips, there are two holes provided in each "fork" bracket that will allow the brackets to be permanently mounted to the headliner.
2. Place trim edge on bottom edge and sides of shroud as shown in top illustration at left.
3. Assemble bracket system (bottom illustration). Leave all connections loose for adjustability during vehicle installation.
4. Assemble bracket system to bar using 1/4"-20 Phillips head screws (provided). Leave connection loose for adjustability during vehicle installation.

#### 5. Assembled to vehicle: A. Visor Clip Installation

- i. Remove or loosen visor clips per the vehicle manufacturer's recommendations. (Some installation may only require that visor clips be loosened.)
- ii. Place "fork" brackets underneath visor clips and replace clips per manufacturer's recommendations.
- iii. Position shroud so that bottom (with trimmed edge) is touching windshield across width of shroud. A tight fit with the windshield will produce the least flash back.
- iv. Tighten all screws to hold shroud securely in place.



#### B. Permanent Mount Installation

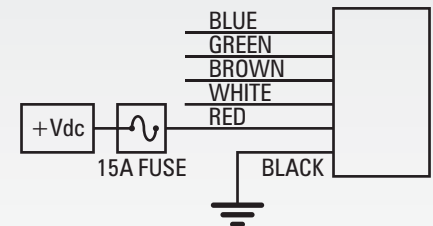
- i. Permanent mount installations should only be performed by skilled installation professionals who have a working knowledge of the vehicle for which the bar is to be mounted. Care should be taken not to drill or screw into existing wire harnesses, air bag equipment or deployment zones, through roof, etc.
  - ii. It is recommended that the headliner be partially pulled down and secure mounting locations be noted for attachment of fork brackets with screws.
- After attachment of fork brackets in desired location, follow steps 3 and 4 from "visor clip" installation.

#### OPERATION:

Connect RED wire to 12Vdc and BLACK wire to ground.

Connect BLUE wire to 12Vdc for Warning #1 and connect BROWN wire to 12Vdc for Warning #2. **NOTE: Warning #2 overrides Warning #1.**

Connect GREEN wire to 12Vdc for steady burn takedown lights.



**⚠ WARNING**

This product contains high intensity LED devices. To prevent eye damage, DO NOT stare into the light beam at close range.

To review our Limited Warranty Statement & Return Policy for this or any SoundOff Signal product please visit our website at [www.soundoffsignal.com](http://www.soundoffsignal.com) and select the "Warranty & Returns" link along the left column of our home page. If you have questions regarding this product please contact Technical Services, Monday - Friday, 8 am to 5 pm at 1.800.338.7337, press #4 to skip the automated message. Questions or comments that do not require immediate attention may be emailed to [techsupport@soundoffsignal.com](mailto:techsupport@soundoffsignal.com).

1.800.338.7337. / [www.soundoffsignal.com](http://www.soundoffsignal.com) / Thank you for trusting us with your safety!



## PINNACLE INTERIOR LIGHTBAR

EPL8000 two piece split configuration

### TO CHANGE WARNING #1 PATTERN:

Connect RED and BLUE to 12Vdc. Connect BLACK to ground. When you tap the WHITE wire to ground the first time, you will enter the pattern change mode. Now every time you tap the WHITE wire to ground, you will go forward one pattern.

### TO CHANGE WARNING #2 PATTERN:

Connect RED and BROWN to 12Vdc. Connect BLACK to ground. When you tap the WHITE wire to ground the first time, you will enter the pattern change mode. Now every time you tap the WHITE wire to ground, you will go forward one pattern.

### TO RESET PATTERN:

Hold WHITE wire to ground for 5 seconds while in any flash mode. This will reset unit to pattern #1.

### Replacement Parts & Accessories:

- PEPL8M(xx) Vehicle Specific Mounting Brackets
- PEPL8TM1W Replacement Takedown Module
- PEPL8WM1(x) Replacement Warning Modules
- PEPL8DRV Replacement Driver Board



Take Down Light Flash Patterns	
1. Quint	Alternating (Passenger First)
2. RoadRunner™	Alternating
3. Quint	Alternating (Driver First)
4. PowerPulse™	Alternating
5. Warp	Alternating
6. Quad	Alternating
7. Q-Switch	Alternating
8. ETM	Simultaneous
9. Off	OFF

WIRE HOOK-UP TABLE	
WIRE COLOR:	CONNECT TO:
RED	12Vdc through 15A Fuse
BLACK	Ground (-)
BLUE	Warning #1
BROWN	Warning #2
GREEN	Steady burn Take down
WHITE to Ground	Pattern Select
WHITE to Power	Low Power (does not affect takedowns)

### TO SETUP SWITCHES FOR TAKEDOWNS:

With power removed/unhooked, flip SWITCH 1 down (**SWITCH 2 must be UP at all times**). From now on takedown modules will flash independently of warning modules. (See Illustration below right)

### TO CHANGE TAKEDOWN FLASH PATTERN:

For Warning #1 connect RED and GREEN wires to 12Vdc. For Warning #2 connect RED, GREEN and BROWN wires to 12Vdc. Then connect BLACK wire to ground. The takedown lights will be steady on. When you tap the WHITE wire to ground the first time, you will enter the pattern change mode. The takedown lights will now be flashing. Now every time you tap the WHITE wire to ground, you will go forward one pattern.

### IMPORTANT NOTE:

If SWITCH 1 is up all takedown flash patterns are disabled and takedowns will follow warning flash pattern.

TECHNICAL SPECIFICATIONS	
Overall Dimensions:	39"L x 5.5"W x 1.38"H
Flash Patterns:	33 flash patterns
Input Voltage Range:	10 - 30 Vdc
Current Consumption:	0.5A@12.8Vdc/module (flashing)
# of LEDs:	24 Generation 3 LEDs
Light Sync Technology:	No
Operating Temperature:	-40° to +65° C

Warning Light Flash Patterns	
1. Quint	Alternating
2. Double	Alternating
3. Warp	Alternating
4. Intercycle™	Alternating
5. PowerPulse™	Alternating
6. RoadRunner™	Alternating
7. Q-Switch™	Alternating
8. Progressive	Alternating
9. PowerPulse™	Inner 2 Modules
10. RoadRunner™	Inner 2 Modules
11. Warp	Outer 2 Modules
12. Quint	Outer 2 Modules
13. Intercycle	Outer 2 Modules
14. RoadRunner™	2 Module Steady Burn Driver Side
15. Quad	2 Module Steady Burn Driver Side
16. RoadRunner™	1 Module Steady Burn Driver Side
17. Quad	1 Module Steady Burn Driver Side
18. Steady Burn	1 Module Steady Burn Driver Side
19. Steady Burn	2 Module Steady Burn Middle
20. Quint	Every Other
21. Quint	Every Other
22. Quint	2x2
23. Quint	2x2
24. Lityrder	Sweep
25. Crossfire	Sweep
26. Random	Random
27. Progressive Random 1	Random
28. Progressive Random 2	Random
29. Cycle Pattern 1	Random
30. Cycle Pattern 2	Random
31. Long Cycle Pattern 1	Alternating
32. Long Cycle Pattern 2	Random
33. Blank	All Warning Modules OFF

