

Explorer Blade LED Extrusion Kit

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Monday-Friday 8:00 a.m. - 5:00 p.m. (Central Standard Time)

Contact your PUTCO dealer for other quality accessories.

Please read all instructions before installation and to check to see that all parts are included.

KIT CONTENTS:	
Description	Qty.
Blade LED Lightbar in Powdercoated Extrusion	2
Powdercoated Mounting Brackets	8
10-24 1/2" Stainless Steel Bolt (pre-installed in extrusion)	8
10-24 Stainless Steel Nylon Locknut	8
Stainless Steel Self Tapping Screw (#10 x 1")	24
Rocker Switch	1
Lightbar Remote	1

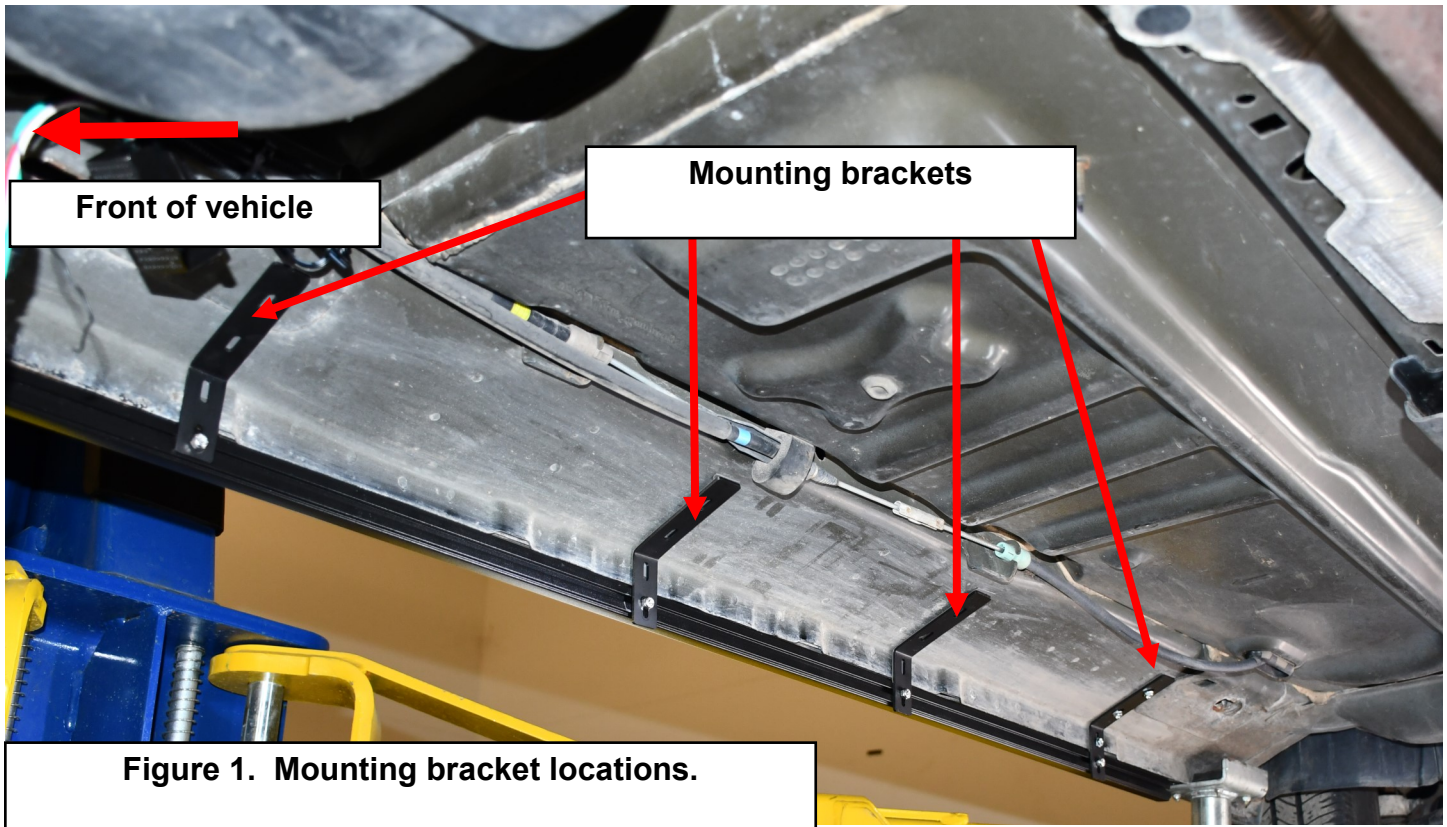
Tools Needed:

- Socket set or wrenches (5/16", 3/8")
- Cordless drill/impact driver
- Wire strippers



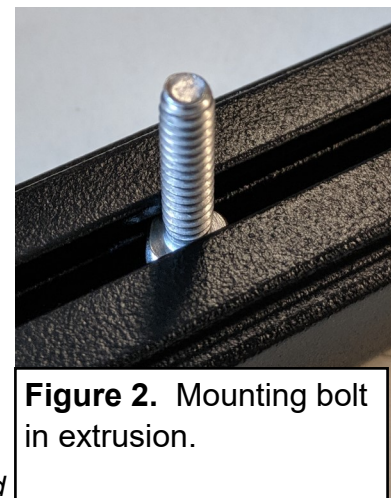
Installation Instructions:

This kit was designed to mount on the underside of vehicle, behind the rockers using self tapping screws (**Figure 1**).



Mounting Instructions:

1. Thread the mounting bolt in extrusion (**Figure 2**) through the bottom slot on the short leg of the mounting bracket. Loosely thread the nut on to the mounting bolt (**Figure 3**). Repeat this process for all 4 mounting brackets on each extrusion. Evenly space the 4 brackets out.
2. With the help of an assistant, hold the assembly in place on the undercarriage of the vehicle. Once the light bar is aligned fore and aft, mark the locations of the mounting brackets. **NOTE:** *Wires can exit towards the front or rear of vehicle, choose the direction that allows for easiest routing into cabin while keeping the driver box clear of debris and road grime.*
3. Using the 5/16" socket and impact driver, secure the brackets to the vehicle with the provided self-tapping screws. Do not fully tighten yet!
4. The slots in allow adjustment of the lightbar to ensure it is level and visible. Once the desired position is achieved, tighten the self-tapping screws (**Figure 4**). Tighten the locking nut with 3/8" socket.



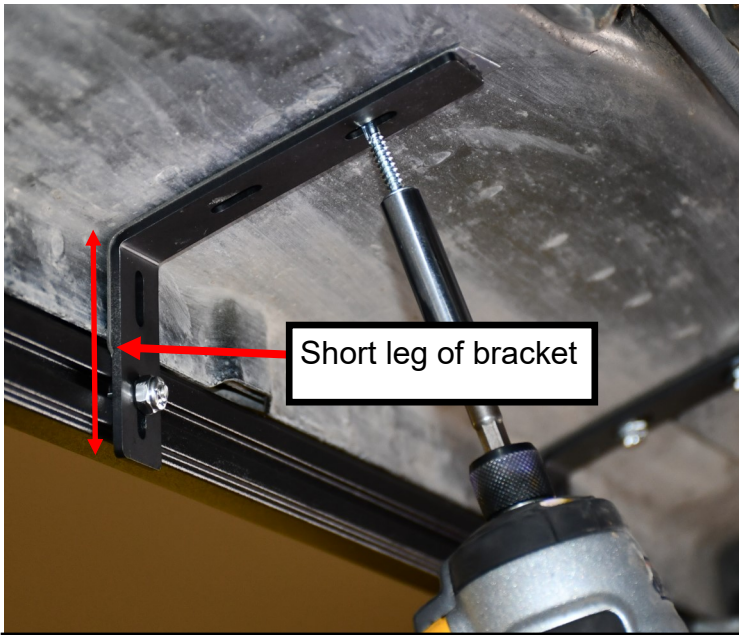


Figure 3. Securing light bar assembly to vehicle.

Figure 4. Fully installed mounting bracket.

Wiring Instructions:

Wire Colors and Function	
Wire	Function
Red	12 volt +
Black	Ground
Green	Strobe
White	Reverse or white override

1. Wire the red wire to a 12 volt + source, and the black wire to chassis ground. The lightbar will not illuminate until 12V is applied to either the green or white wire.
2. Take a switched positive 12 volt power and tie it into the green wire. When 12 volt positive is applied to the green wire, the Blade will strobe. If using the provided switch, connect the gold terminal to vehicle ground, the middle terminal to green wire, and the final terminal to a constant 12 volt source (**Figure 5**).
3. Take a switched positive 12 volt power and tie it into the white wire. If using the provided switch, connect the gold terminal to vehicle ground, the middle terminal to white wire, and the final terminal to a constant 12 volt source (**Figure 5**).

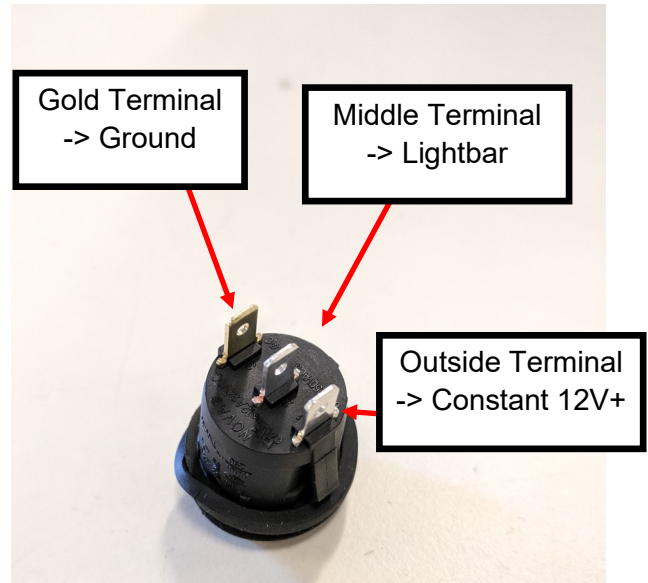


Figure 5. Switch terminal identification.

Programming Instructions:

1. Remove the included remote from its packaging.
2. Turn on the light bar and switch on the strobe function. The strobe pattern may be changed **only when** the strobing function is active.
3. The remote has four buttons: Strobing Pattern (P) UP/DOWN, and Strobing Speed (S) UP/DOWN. Press the P UP and P DOWN to cycle through the functions until the desired pattern is found. Press the S UP and S DOWN to adjust the speed (frequency) of the pattern.
4. Once the desired pattern and speed is set, the remote is no longer need for normal operation. The remote can be stored and would only be needed to change the pattern.

Tip: *When programming multiple lightbars, only activate one lightbar's strobe function at a time to prevent accidental switching of desired patterns on the other lightbars. Repeat this process until all lightbars are set to desired pattern and frequency.*

NOTE: This product is intended for commercial use only. Putco is not responsible or liable for any legal issues resulting in the use of this product beyond its commercial intent.