

## **2011-19 Charger Blade LED Extrusion Kit**

Congratulations on your purchase of a high quality PUTCO product. Should you need any application or technical assistance, feel free to call us at: 1-800-247-3974

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:**

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

### **Tools Needed:**

- Socket set or wrenches (10mm and 3/8")
- Cordless drill/impact driver
- Wire strippers
- Wire crimpers

### ***Installation Instructions:***

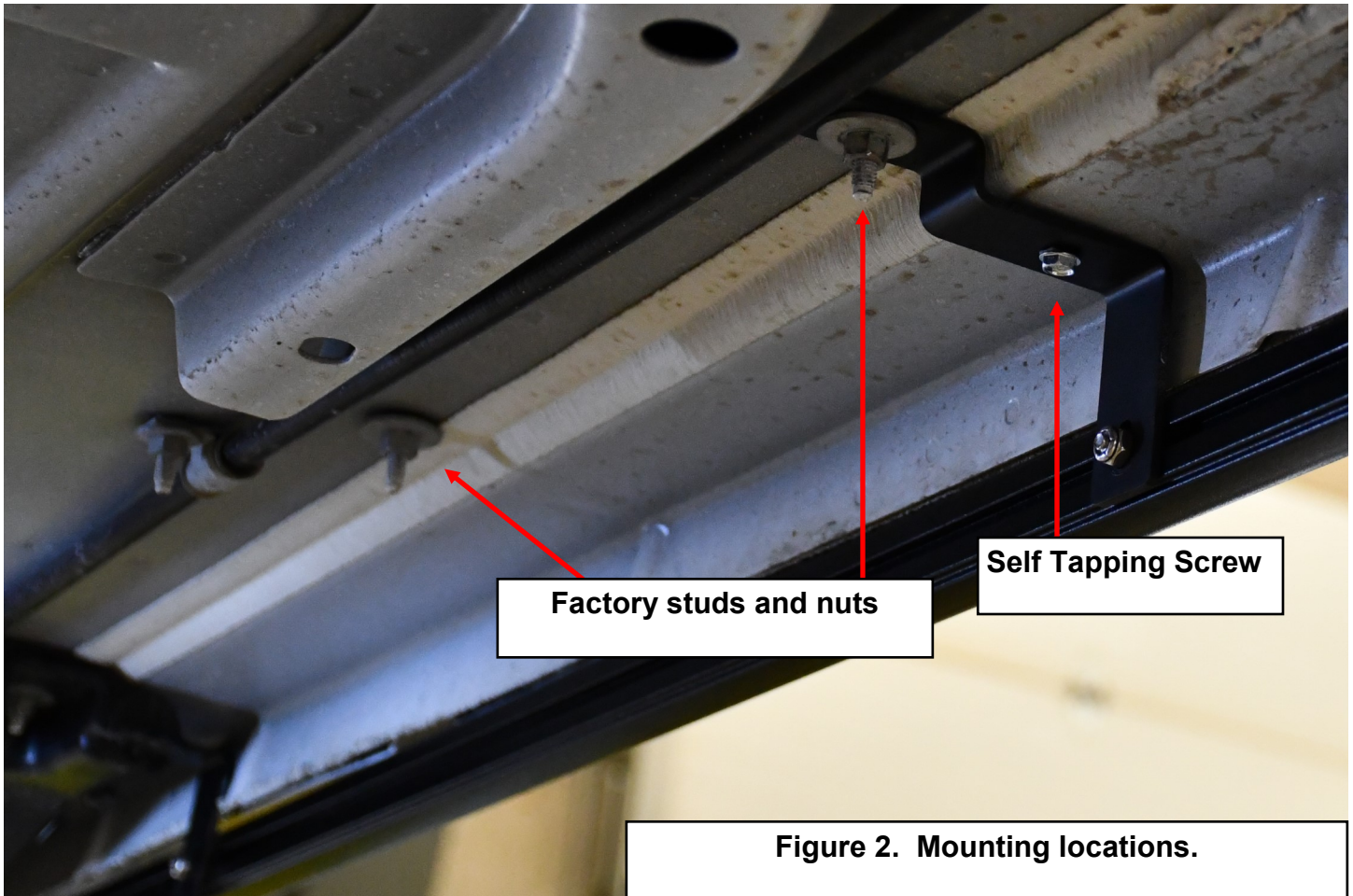
This kit was designed to mount to existing studs on the underside of vehicle, behind the rockers (**Figure 1**). Additional self tapping screws are included to provide extra durability.



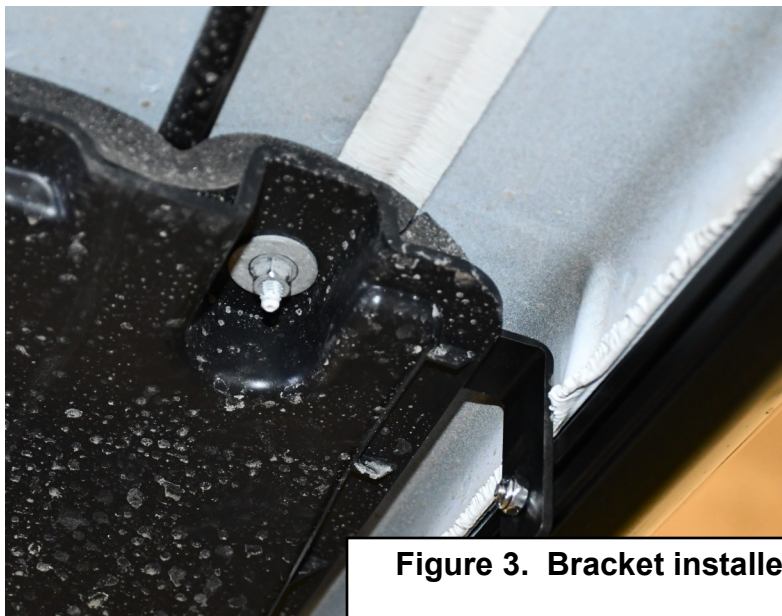
**Figure 1. Mounting locations.**

### Mounting Instructions:

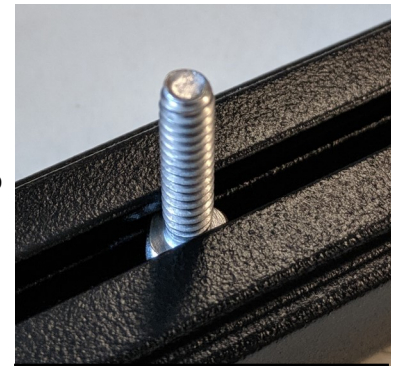
1. Using a 10mm wrench or socket, remove the nuts from studs mounted on the bottom side of the vehicle. Mount bracket using nut as shown in **Figure 2**. Repeat this process with 4 brackets per side.



2. If the vehicle is equipped with insulation material, remove nuts and lower insulation until bracket can be installed on stud. Replace insulation and tighten nut as shown in **Figure 3**.



3. Align the 4 bolts (**Figure 4**) in the extrusion with the slots on brackets and insert.
4. Using provided locknuts, loosely mount extrusion to the brackets installed in steps 1 and 2. The slots in allow adjustment of the lightbar to ensure it is level and visible.
5. When the Lightbar Extrusion is mounted in the desired location, fully install brackets by driving in self-tapping screws with impact drill. Shown in **Figure 2**.
6. Fully tighten locknuts with 3/8" socket, securing extrusion to brackets.
7. Route the black driver box and wires to a location safe from road debris, moving parts, and heat. Zip-tie into place.

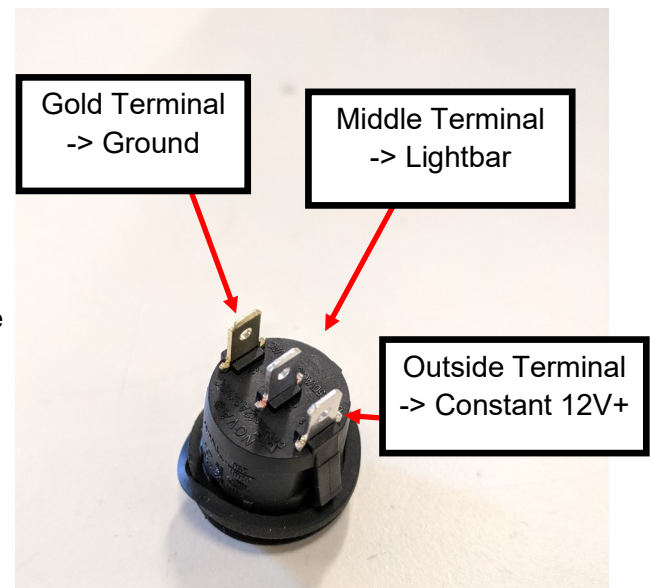


**Figure 4. Mounting bolt in extrusion.**

### 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.**