RAM Blade LED Extrusion Kit
For Trucks Without Step Rails

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:	
Description	**Qty.**
Blade LED Lightbar in Powdercoated Extrusion	2
Powdercoated Mounting Brackets	6
10-24 1/2" Stainless Steel Bolt	6
10-24 Stainless Steel Nylon Locknut	6
M8-1.25 Stainless Steel Flange Nut	12
Rocker Switch	1
Lightbar Remote	1

Tools Needed:
- Socket set or wrenches
- 3/8" socket, 13mm socket
- Wire strippers
- Wire crimpers
- Zip-ties

Installation Instructions:

The brackets are designed to utilize studs factory installed for step boards. These locations are shown in **Figure 1**.
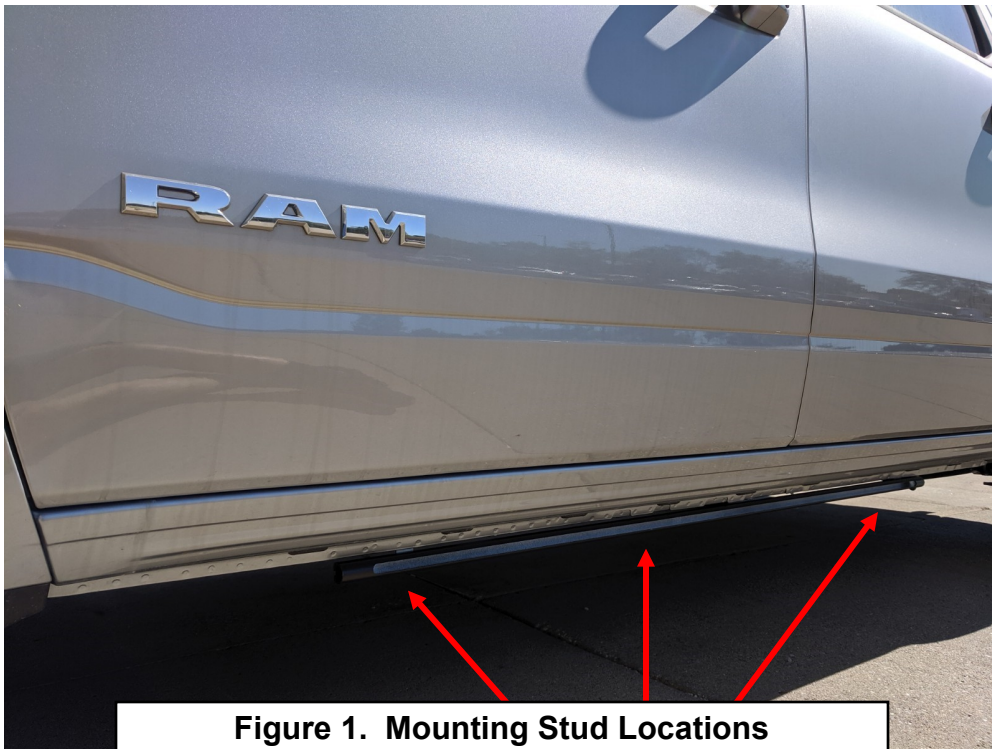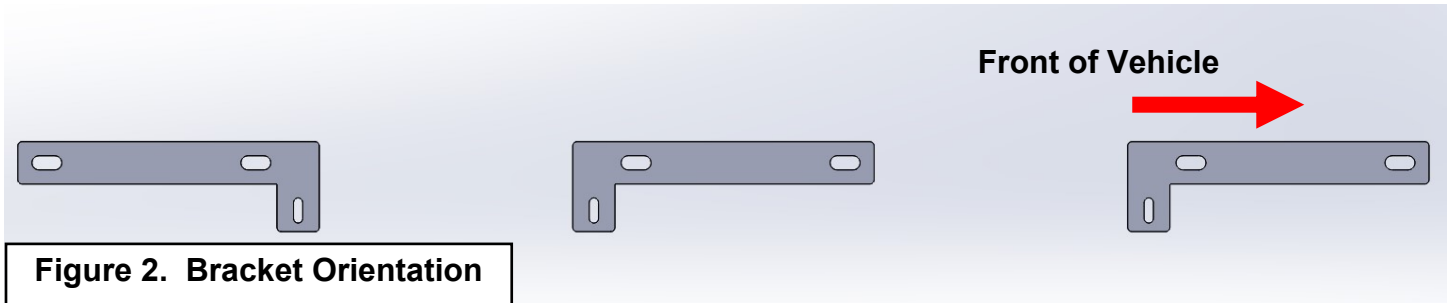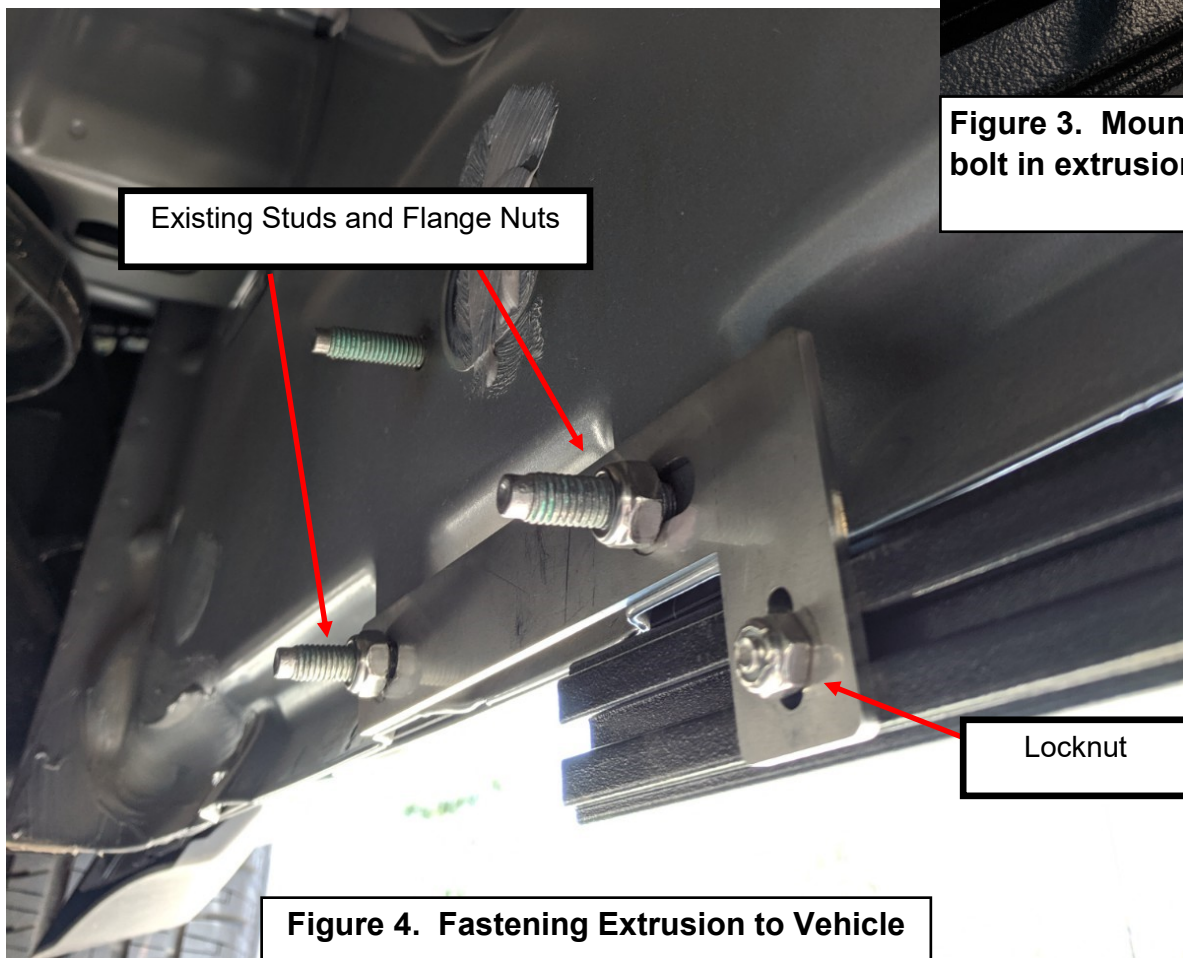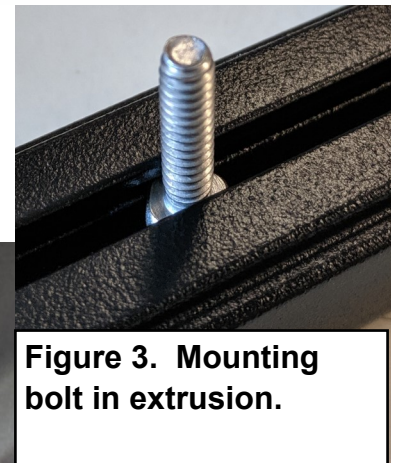

Figure 1. Mounting Stud Locations

Mounting Instructions:

1. Orient the brackets as shown in **Figure 2**. Using a 13mm socket, fasten the brackets to the vehicle with flange nuts (**Figure 4**).

Front of Vehicle

Figure 2. Bracket Orientation

2. Slide the three 10-24 1/2" bolts in extrusion into position with the brackets on the vehicle, **Figure 3.**

3. Secure the extrusion to brackets with locknuts using a 3/8" socket, as shown in **Figure 4.**

Figure 3. Mounting bolt in extrusion.

Existing Studs and Flange Nuts

Locknut

Figure 4. Fastening Extrusion to Vehicle

4. Route the black driver box and wires to a location safe from road debris, moving parts, and heat. Zip-tie into place.

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**).
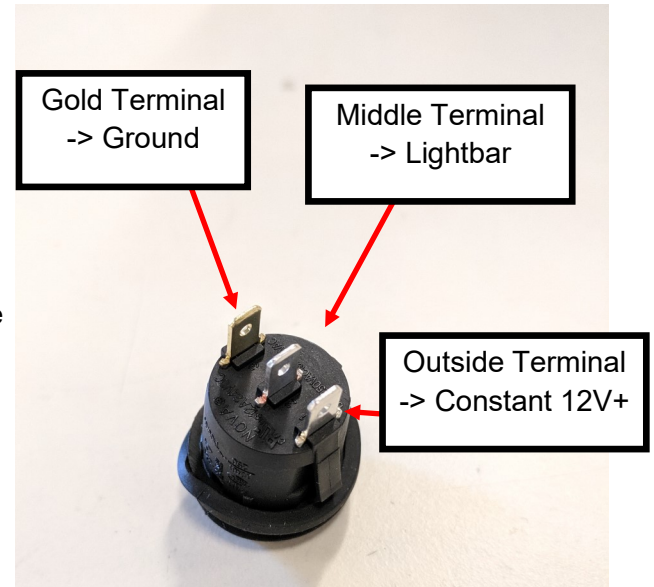

Gold Terminal -> Ground

Middle Terminal -> Lightbar

Outside Terminal -> Constant 12V+

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.