



# INSTRUCTION GUIDE

## Blade LED Tailgate Light Bar Instructions For 2019+ Ranger with LED and Halogen taillamps



**1-800-247-3974**

Monday-Friday 8:00am - 5:00pm (Central Standard Time)  
 Contact your PUTCO® dealer for other quality accessories.



**PLEASE READ ALL INSTRUCTIONS BEFORE INSTALLATION AND CHECK TO SEE THAT ALL PARTS ARE INCLUDED**

### REQUIRED TOOLS



Clean Cloth



Flathead screwdriver



Zip-Ties



Isopropyl Alcohol

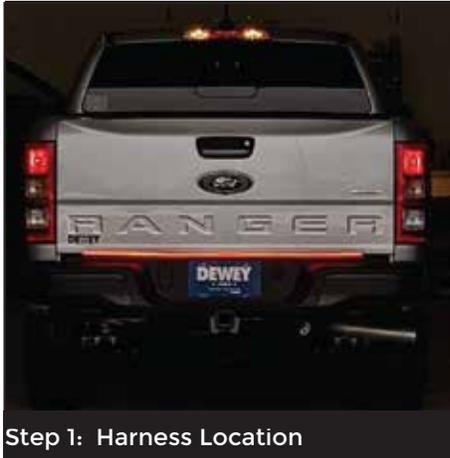
### CONTENT LIST:

DESCRIPTION	QTY
LED Light Bar	1
Quick Connect Harness	1
Black Plastic Bracket	4
3M Tape Strips	4
Promotor Packet	1



**INSTALLATION INSTRUCTIONS:**

- 1** The factory wire harnesses are located on the frame rail, below each tail lamp.



Step 1: Harness Location



Step 2: Unplug Factory Harness

- 2** Depress tab and unplug factory harness. **Note: halogen tail lamp vehicle pictured here. LED tail lamp harness is in the same location but connector is different.**

- 3** Plug the Blade Harness into factory wiring. Ensure plugs audibly “click” into place.

- 4** Disconnect rear view camera plug(s) on driver’s side frame rail. Remove tail gate. Clean mounting surface w/ isopropyl alcohol.

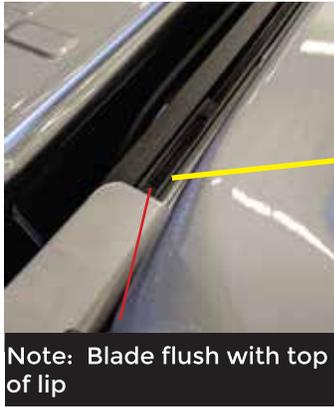
- 5** Mount the Blade approximately 1” from bumper step pad. This is to ensure that the tail gate will not hit the Blade when open. Blade will be flush with top of the plastic lip of bumper (shown in next step). Route wires behind bumper and reinstall tail-gate.



Step 5: Mount Blade



**6** Slowly open the tailgate and make sure that it does not hit the Blade at any point.



Note: Blade flush with top of lip



Step 6: Verify Blade Mounting Position



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**7** Route the wires behind the bumper. Connect 4 pin connector and Weather Pack connectors to Blade Harness. **Note: Putco recommends using di-electric grease on 4 pin connector to help keep connection water resistant.** Zip-tie wires and Blade driver box in safe location, away from debris, hot exhaust pipes, or pinch points.

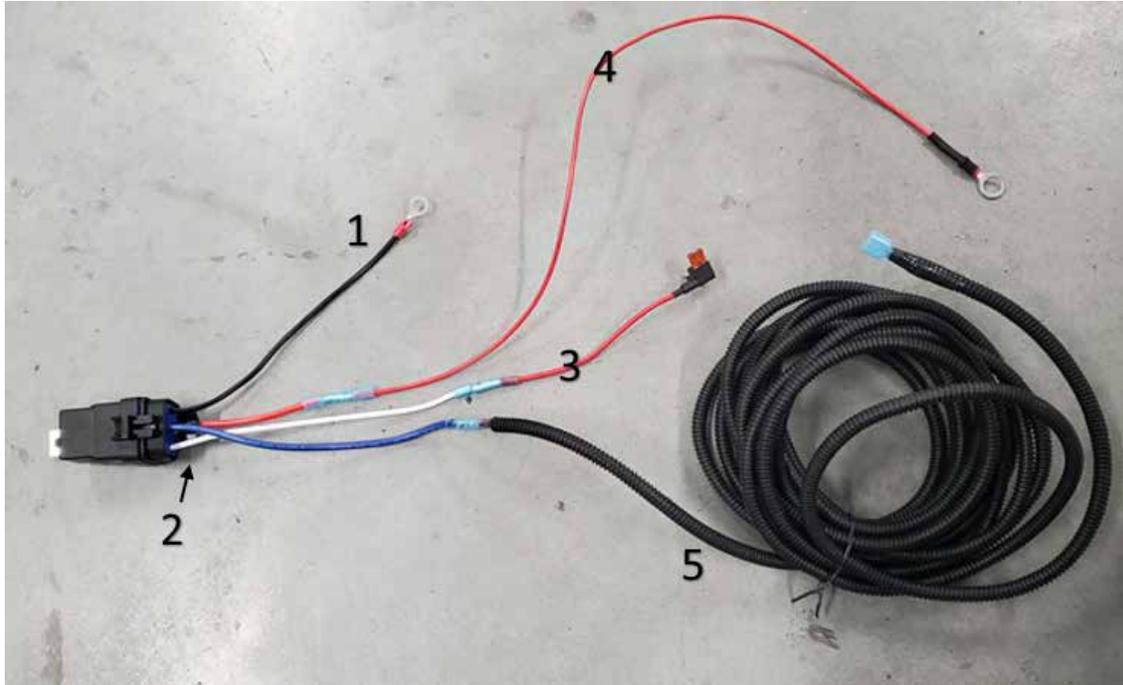
**8** Route the wires behind the bumper. Connect 4 pin connector and Weather Pack connectors to Blade Harness. **Note: Putco recommends using di-electric grease on 4 pin connector to help keep connection water resistant.** Zip-tie wires and Blade driver box in safe location, away from debris, hot exhaust pipes, or pinch points.



Step 8: Test the Blade



- 9** Run the attached relay and 25" of wire along the trucks frame and up to the engine bay. Using a zip tie attach the wire every 12-16 inches.



- 10** Attach the relay to an engine bay sheet metal bolt within 3 feet of the battery and fuse block.





- 11** Attach the short black wire (1) with a ring terminal to the battery (-) negative terminal or the screw used to mount the relay. Attach the longer red wire with a ring terminal to the (+) positive battery terminal.



- 12** Attach the add-a-fuse wire into your fuse box, into slot 22 (AC compressor). Other accessory fuses may also work as long as they are only on when the truck is on to prevent battery discharge.





**13**

Place the fuse removed from the truck into the bottom slot of the add-a-fuse connector. Replace the cover on your fuse box.



Blade Light Bar

Fuse Removed From Truck

**Your Putco Blade LED Light Bar is now installed!  
Enjoy your new Putco product!**