PUTCO®
ADVANCED LED LIGHTING & TRUCK ACCESSORIES

EXCALIBUR
PUTCO®

For proper installation and best possible fit, please read all instructions BEFORE you begin.

Important Information

BEFORE you begin the installation process:

- Carefully read all instructions.
- Verify that all parts are included by checking the contents of your kit.

If any parts are missing or appear damaged, please contact our customer service team for assistance.

Customer Service

For support, please contact the Putco team, available Monday to Friday 8:30 AM to 5PM (Central Time).

1 800 247 3974

support@putco.com

Supported Vehicles

MAKE	MODEL	YEAR
Ford	F-150	2021-2024+

Recommended Tools + Supplies

Clean Cloth	Isopropyl Alcohol	T25 Driver
12mm Socket	Trim Removal Tool	Diagonal Pliers
Cable puller		

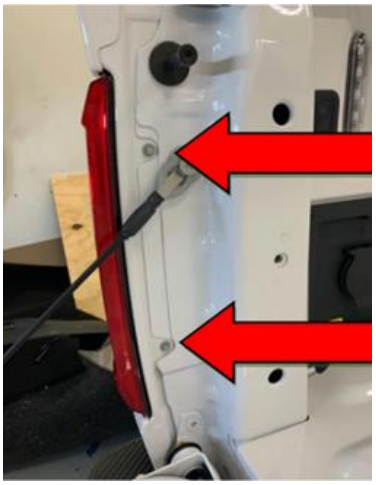
Kit Contents

Light Bar	Driver Box	Zip Ties
Plug and Play Harness	Weather Stripping	

Plug and Play Harness Installation

1. Remove taillights to install plug and play harness.

2. Carefully remove both the passenger and driver side tail lamps by removing the two 8mm bolts using a socket wrench.

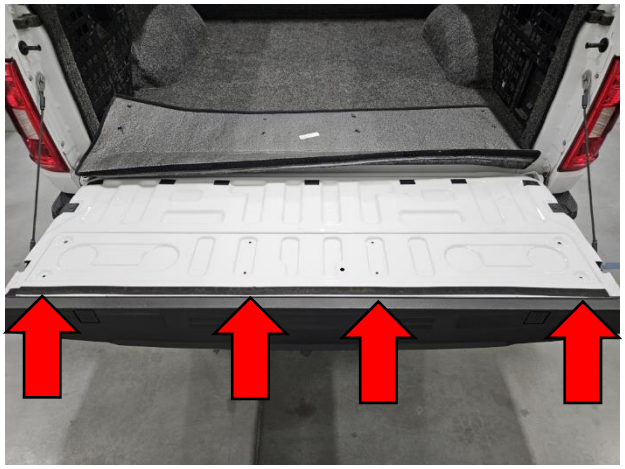


3. Fish the wire harness up from below the tailgate and out the taillight holes on each side of the truck.

4. Disconnect the factory harness from the taillight. Now plug the female end of the in the Putco quick disconnect harness into the tail lamp and the male harness into the factory harness. The taillight can be reattached to the truck.

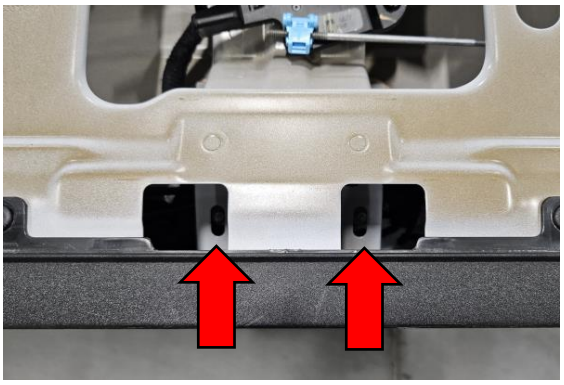
Lightbar Installation

1. Lower tailgate.
2. Remove the access panel by removing the nine T25 bolts.
3. Remove the access panel.



4. Remove the two 12mm nuts from behind the tailgate handle.

5. Using a trim tool gently pop the tailgate handle trim bezel loose. It is held in place with 4 clips, one in each corner.



6. Hold the light bar up to the truck so you can see how it fits the contours of the tailgate.

7. Clean the tailgate surface using a clean microfiber cloth and some isopropyl alcohol to ensure the lightbar makes a good bond.

8. Disconnect the three connectors between the lightbar and the driver box.

9. Peel off the adhesive tape backing on the back of the lightbar.

10. Fish the wires from the lightbar through the bottom of the tailgate handle opening and into the left side of the tailgate.

11. With the help of a friend, place the lightbar onto the tailgate. If the lightbar looks properly aligned, press firmly on all areas of the lightbar for several seconds.

12. Clean the edge of the tailgate handle opening.

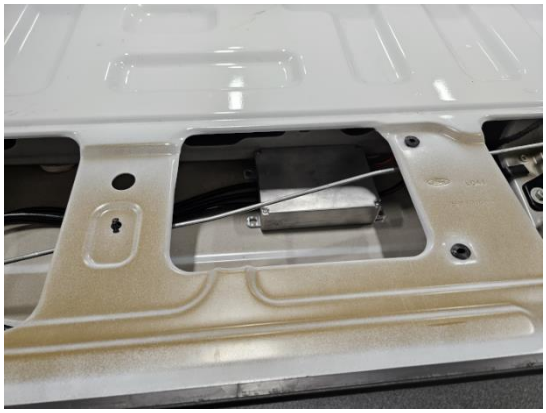
13. Peel the adhesive backing off the weather stripping.

14. Attach included ¼" foam weather stripping around the edge of the tailgate handle opening.

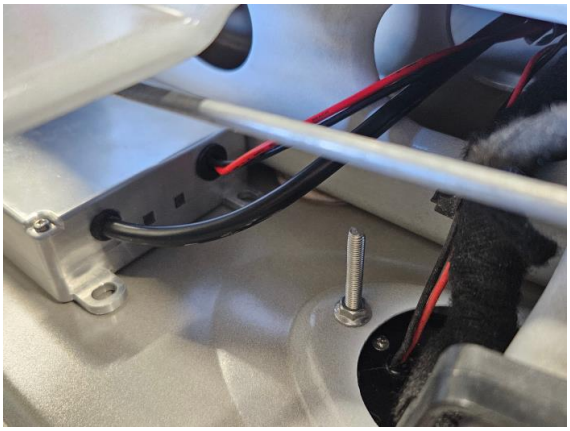
15. Clean the surface on the inside of the tailgate.

16. Peel off the 3M tape backing on the back of the driver box.

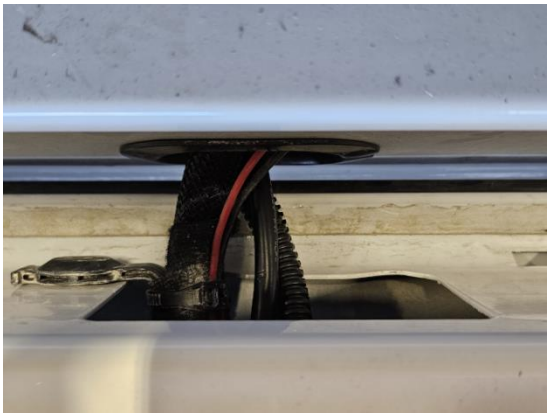
17. Mount the driver box inside the tailgate on the flat section and against the internal wall.



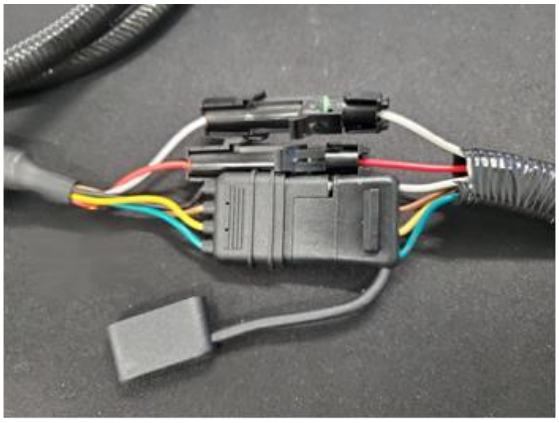
18. Using a wire puller fish the long wires from the driver box through to the bottom of the tailgate.



19. Fish the long wires that are now at the bottom of the tailgate through the opening in the bumper.



20. Connect the plug and plays 4- pin connector and the light bars 4-poin connector as well as the weatherpack connectors.



21. Run the Batt+, Batt – and ACC wires from the rear bumper into the engine bay securing to the frame every 16 inches.
22. Connect the red Batt+ ring terminal to the positive battery post.
23. Connect the Batt- ring terminal to the negative battery post.
24. Connect the Acc wire to a circuit with is ON when truck turns on, such as 101-L headlight.

Configuration

#	Start-Up Sequence	Turn Signal	Brake Style
1	Breathing	Normal	Normal
2	Filling	Sequential Add	Triple Pulse
3	OFF	Sequential Sub	

1. **To enable the start up sequence, sequential turns and triple pulse brake, the OEM_SEL wire must be connected to ground. If it is open, the extra modes are disabled.**
2. To reset the light bar to factory settings, turn on your truck or apply 12V to the ACC wire. Next hold the SEL wire to ground for 3 seconds. All settings will be erased and your lightbar will return to default settings.
3. Tapping the SEL wire to ground momentarily while the truck is on but the running and turns lights are off will toggle the central logo ON or OFF.
4. To change the light bar's brake mode, turn on the truck, have a friend push down on the brake, and tap the SEL wire to ground momentarily.
5. To change the light bar's turn mode, turn on the truck and the hazards and tap the SEL wire to ground momentarily.
6. To change the light bar's start-up sequence, turn on the truck and tap the SEL wire to ground momentarily while the light bar is performing the startup sequence.
7. If you go past the setting you want simply tap the SEL wire to ground again until you get back to the desired setting.

Congratulations on completing the installation of your Putco product!
For information regarding your warranty, please visit www.putco.com/warranty.

Issues? Please Contact Our Technical Support Team: 1 800 247 3974

WARNING: Final Inspection required. Inspect product was properly Installed and all installation instructions were followed.

For additional information, please visit our website at www.putco.com!