

Blade Tailgate Light Bar Instructions



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
Hyundai	Santa Cruz	2022+

Recommended Tools + Supplies

90% Isopropyl Alcohol	Heat gun or Lighter
Clean Towel	

Kit Contents

1 Quick Connect Harness	1 LED Driver Box	1 LED Light Bar
1 Power Wire Harness	4 Black Plastic Bracket	4- 3M Tape Strips
20 Cable Ties	1 Heat Shrink Tube	

Step by Step Installation

1. Verify the kit contents above. Remove any protective wrapping.	
2. Clean and dry the vehicle thoroughly in the location where light bar is to be installed. The vehicle surface temperature must be a minimum of 15°C (60°F).	
3. Check the following before determining position: <ul style="list-style-type: none">• Will the tailgate interfere with the light bar when opened? If it does, the light bar will need to be repositioned.• Is the tailgate light bar visible from the rear when tailgate is closed?• Note: Tailgate light bar is easier to install if tailgate is removed.	

4. The four included brackets will not be used for this installation. They position the light bar too far out from the plastic bumper and interfere with the tail gate operation. Install the 3M tape on the back of the light bar at approximately 10%, 40%, 60% and 90% along the light bar length as shown below. Use at least 90% Isopropyl Alcohol clean the rear of the light bar with alcohol to improve adhesion.

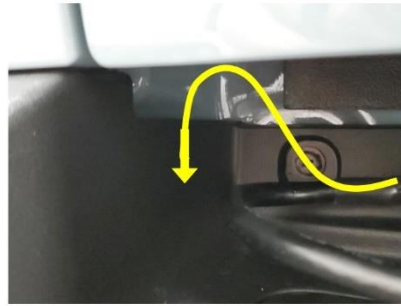


5. Next use the alcohol to prep the surface of the vehicle where light bar is going to be installed.

6. Remove the tape release liner on all the tape pieces. Place the light bar in the chosen position on the bumper of truck. If you lightly push the adhesive into place, it will allow you to adjust either end until it is level and centered. Once you are happy with the placement, vertical and horizontally, push down hard on the areas with the 3M tape for a few seconds. The light bar wire should exit toward the driver side of truck.



7. The light bar M12 QD connector now must be threaded through the gap between the plastic bumper and the sheet metal of the truck. This can be done by carefully opening the gap using a long dowel rod or screw driver. Alternatively, you can drill a small 9/16" hole in the bottom corner of the plastic bumper to feed the tail gate light bar connector through.

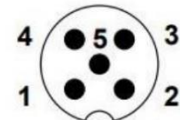


SIDE VIEW



TOP VIEW

8. Once the light bar connector is fed behind the bumper, you can reconnect it to the driver box. The connector is an M12- 5 pin with a keyway to aid in correct alignment. Make sure you line the keyways up to avoid forcing the connector together incorrectly.

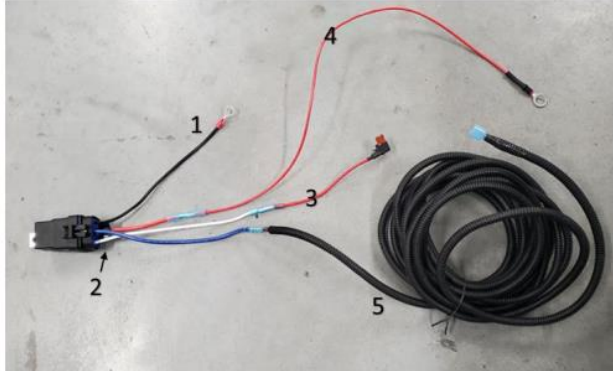
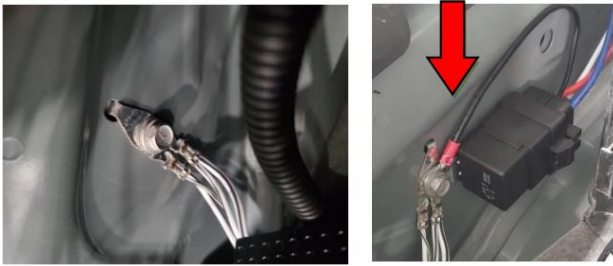


M 12 male connector



9. The Santa Cruz quick connect harness plugs into a trailer harness connector that is located on the rear driver's side of the truck under the truck bed. It's attached to a plastic shroud using a plastic clip. Carefully disconnect the connector from the plastic cover and remove the connector cover and plug in the quick connect harness.

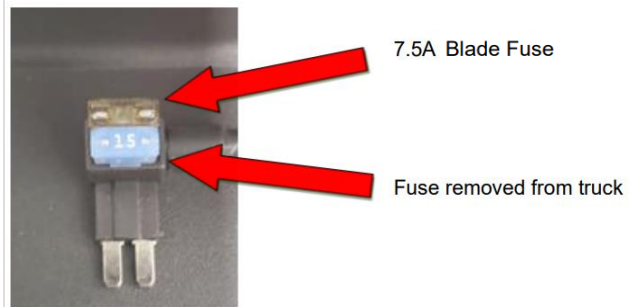


<p>10. Now route the connector towards the rear bumper where the blade box will be located.</p>	
<p>11. The power wire is a separate wire designed to power the blade from battery. It uses a fuse tap style connector to tell the relay when to open or close, powering your Blade. This setup allows for maximum punch from the LED's. The power wire is packaged as a separate cable to allow easier wiring to the rear of the truck.</p>	
<p>12. Find a convenient spot to mount the relay box. If you can find a bolt that is already attaching a wire from the trucks wiring harness to the sheet metal of the engine bay, this is usually a good mounting location which also doubles as a negative/ground termination. Place the #1 black ring terminal between the bolt and the relay flange. This location needs to be within two feet of the positive battery terminal and two feet of the fuse box. Another possible location is the battery negative terminal. This is often a 10-12mm bolt.</p>	

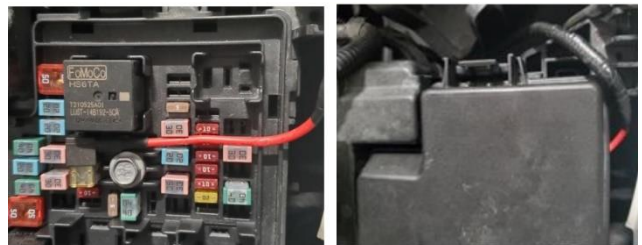
13. Attach the #4 (red wire) with a 3/8" ring terminal to the battery positive terminal. Make sure to fully tighten the nut.



14. Connect the #3 red wire that has the fuse connector on one end into the correct fuse location for your truck. We recommend using your truck's accessory, ignition or interior fuse. We recommend #27. This fuse needs to be on a circuit that turns on with truck ignition. Place the fuse that was in the fuse box into the open slot on the connector.



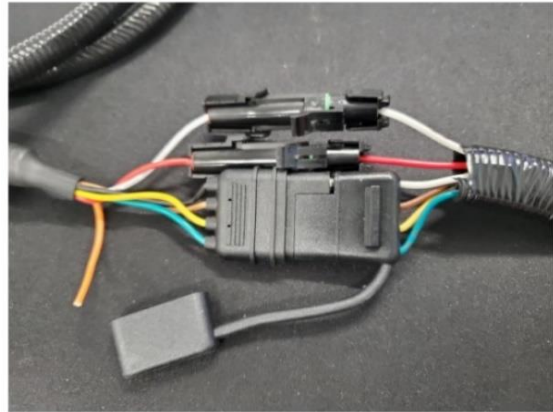
15. Carefully fish #5, the long bundle of wire with a spade connector down through the engine bay and away from any components that get hot or move such as the engine block and exhaust. From underneath your truck, grab the power wire bundle and route it to the back of your truck directly behind the bumper. A supplied cable tie should be used to attach the power wire to the frame of the truck every 12-18 inches.



16. Once the supplied harness has been connected to the truck and the power wire routed, you can connect the Blade driver box to the two harnesses. Please connect the power wire first.



17. The Blade connects to the supplied harness using a 4-pin connector as well as two weatherpack connectors. Make sure the connectors are completely pushed together. Dielectric grease can be used. Make sure to bundle any extra length of wire harness tucked away and tightly bundled so it does not come loose when the truck is in motion.



18. Once the installation is complete please test your lightbar before driving on the road to ensure it and your tail lights are operating correctly.

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!