

2024+ Toyota Tacoma SS5 Grille CrossLink LED Lightbar Kit Installation Guide

Tools Required

- Trim Removal Tool
- 10mm Socket and Wrench
- 14mm and 17mm Sockets
- 12mm Socket
- Flathead Screwdriver
- Phillips Head Screwdriver
- Bubble Level
- Zip Ties (included with the kit)

Installation Instructions

Step 1 - Remove Factory Components

Open the hood and remove the four button clips securing the air intake duct. Use a trim removal tool to push down on the buttons and release the duct. Remove the air intake duct by lifting it out.

Step 2 - Remove the Front Bumper

Using a 10mm socket, remove the three bolts near the air intake duct. Remove two additional push pins with a trim tool, and disconnect the two multi-pin connectors near the passenger-side headlamp. If your vehicle has a front air dam, remove it before proceeding. Next, remove five screws from the driver-side wheel liner using a 10mm socket, and repeat for the passenger side. Use a flathead or trim tool to release the two twist clips in the fender liner. Partially remove the fender flare by squeezing the clips and pulling it outward. Flex the fender flare outward and remove one Phillips head screw to release the bumper panel. Finally, remove the bumper by pulling it away from the vehicle and place it on a padded surface.

Step 3 - Modify the Active Shutter System

With the bumper face down, release the mid support by applying upward pressure to the clips. Remove the three bottom shutters on both sides of the active shutter system using a pick tool to release the pressure snaps. Reinstall the mid support back on the vehicle using a 10mm socket.

Step 4 - Mount the Brackets

Using a 14mm and 17mm socket, remove the bolts on the subframe. Attach the driver-side bracket to the subframe by reusing the 14mm and 17mm bolts, adding the provided washers, and securing them in place. Repeat for the passenger side.

Step 5 - Wire the Harness

Connect the positive and negative battery leads to the corresponding terminals using a 12mm socket. Route the wiring under the headlight and along the subframe, using the included zip tie slots on the brackets to secure the wires. Disconnect the included three-way switch from the harness and tape the ends together. Fish the wire leads through the driver-side firewall grommet and into the cabin, then reconnect the switch.

Step 6 - Reattach the Bumper

Reverse the steps used to remove the bumper, ensuring the DT connector and brackets are properly aligned. Secure the sub-brackets to the inboard side of the main brackets using the included nuts and screws, leaving them hand-tight for now.

Step 7 - Assemble and Mount the SS5 CrossLink Lightbar

Assemble the SS5 CrossLink lightbar by aligning it with the first notch of the hardware. Plug the CrossLink harness into each SS5 pod, ensuring the male input lead hangs off the right side. Attach the lightbar to the sub-brackets using the provided screws. Use a bubble level to ensure it is centered laterally and vertically, then secure it in place using a 5mm Allen wrench and a 13mm socket.