

Installation Guide for 24-25 Toyota Tacoma Headlights

Posted by  [arexusa](#)

On May 19, 2025

Comments Off on Installation Guide for 24-25 Toyota Tacoma Headlights

NOTE: *Some vehicle require the DRL harness installed for the headlight to function properly.*

Do NOT use dielectric or any type of weather sealing grease on connectors or sockets. Doing so will result in connection problems and will not be covered under warranty. Please click [HERE](#) for further explanation.

Table of Contents

- [PART I - Remove Headlights](#)
- [Remove the OEM headlights](#)
- [PART II - Install Headlights](#)

Disclaimer: This installation article is a tutorial guide. By reading this article, you agree it is for reference only and AlphaRex USA and its distributors make no guarantee on the finished results. Under no circumstances whatsoever shall AlphaRex USA nor its distributors be liable for any damage, misuse or personal injuries. If you do not fully understand the installation procedure, it is highly recommended that you seek help from professional mechanics to do the installation.

PART I - Remove Headlights

Remove the OEM headlights

To start the installation, open the hood and locate both the intake snorkel and the cooling plate.



Both components will need to be removed. You'll find a total of twelve push clips securing them in place—four on the intake snorkel and eight on the cooling plate.



Once all the clips are released, both pieces should lift off easily.



With those out of the way, you can now remove the three 10mm bolts securing the bumper.



After removing the bolts, locate and unplug the three connectors positioned behind the bumper. (2 on passenger side / 1 on driver)

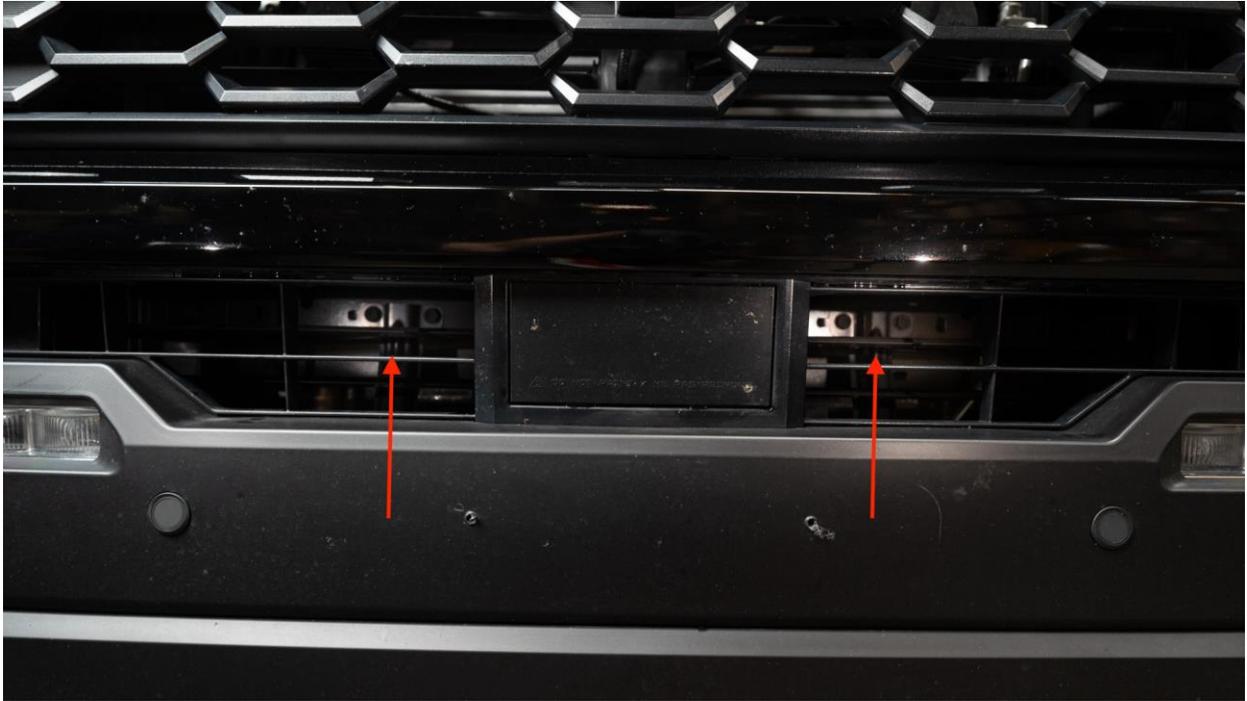
side).





Next, move on to the four additional 10mm bolts located in the lower half of the bumper. A socket extension is needed to easily reach and remove them.



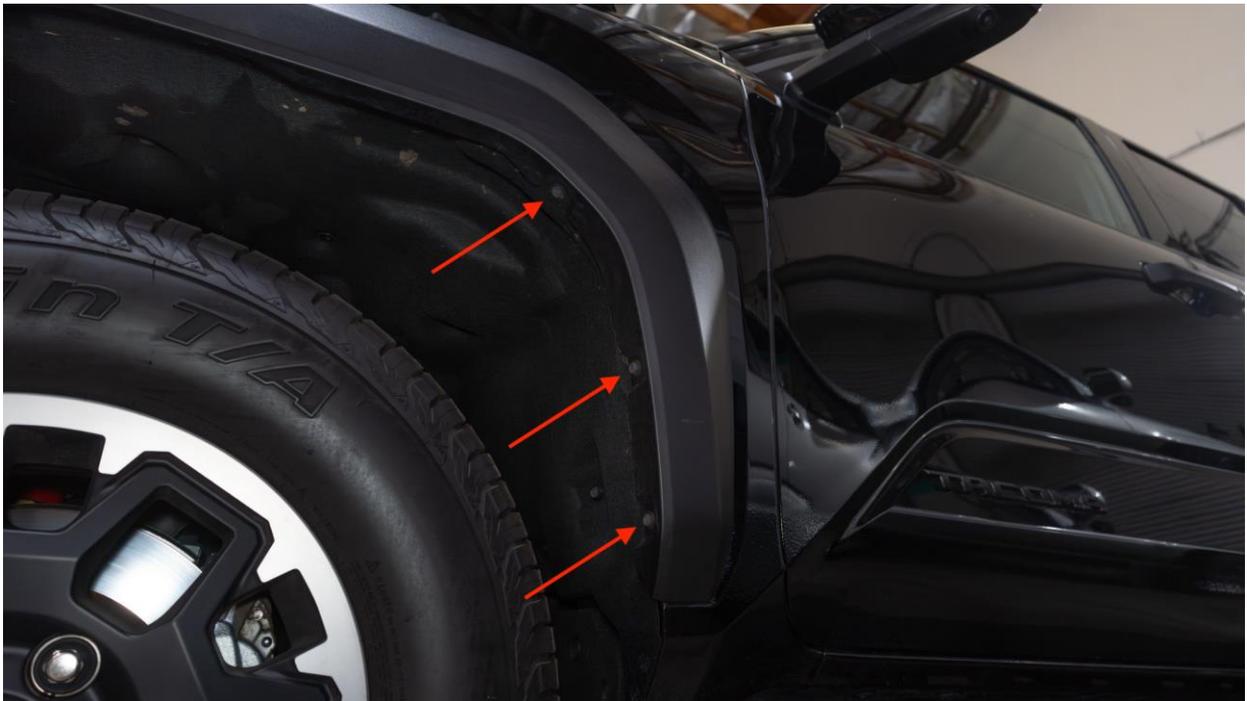


Once all four bolts have been removed, you can proceed to detach the fender flares.

Note: The fender flares don't need to be completely removed, but removing them will make the process easier.

To remove the fender flares you will first need to remove seven bolts and two push clips.





With the fender flares loosened, detach the fender liner by carefully lifting the clip mounting points away from the flares.



With the liner out of the way, reach inside to release the flare from its locking points, then gently pull the flare off, working from the front of the bumper toward the back.





With the fender flare removed, a single Phillips head screw will be exposed and must also be removed.



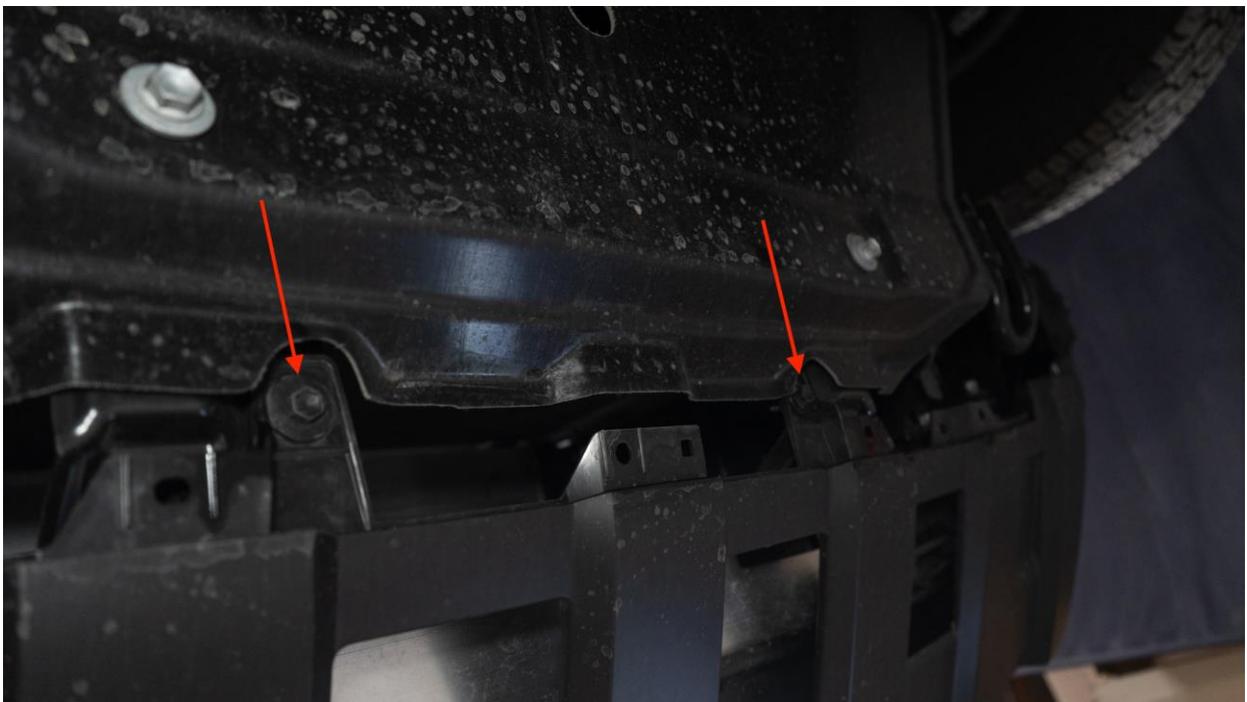
Next, move to the bottom of the bumper, where a total of eight 10mm bolts will need to be removed.

First you will need to remove the following six bolts below.

4x on towards the outsides.



2x inside.



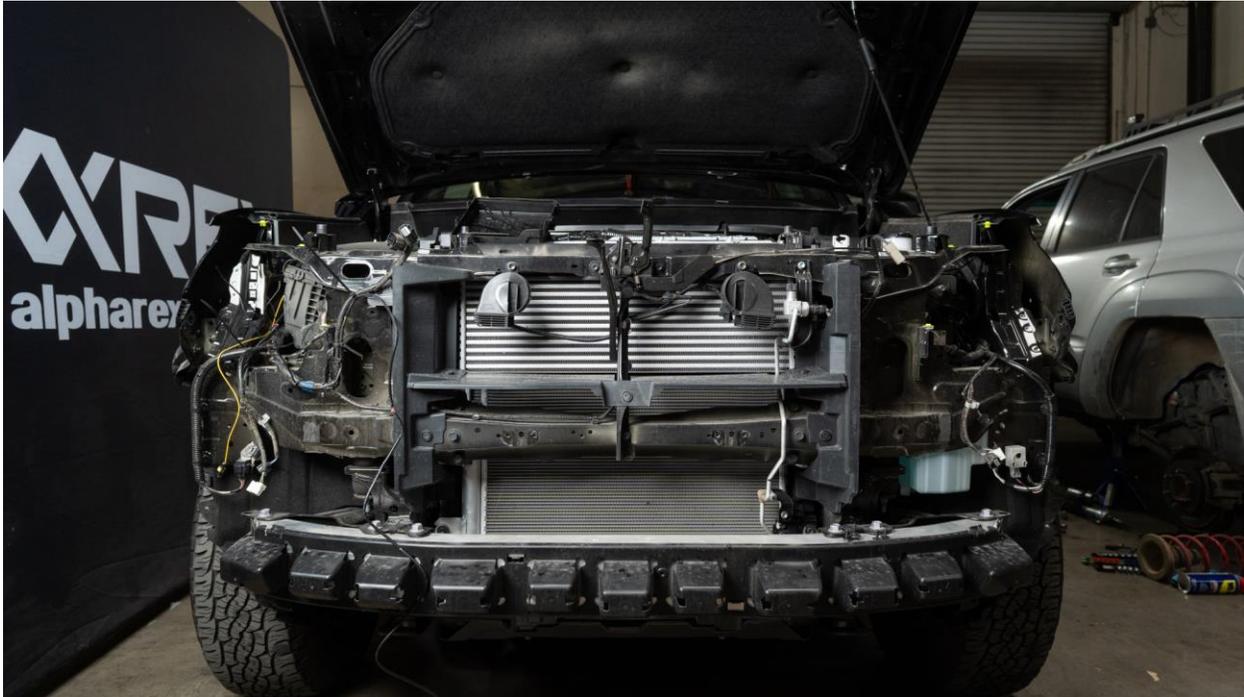
After removing the six bolts, locate one additional hidden bolt (on each side) near the innermost edge of the bumper, tucked behind the liner. Go ahead and remove these as

well.

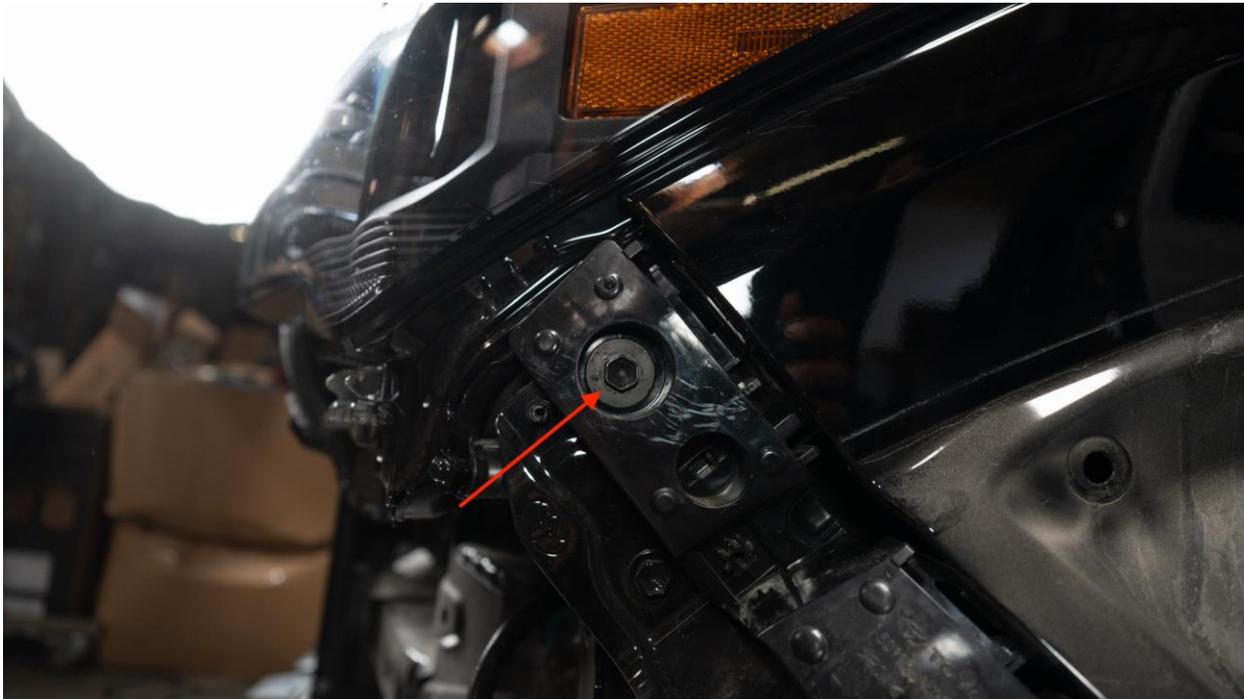


With all the bolts and screws removed, you're ready to take off the bumper. Start at the edges where the Phillips screws were located, and gently pull the bumper away from each side; it should come off easily.





With the bumper removed, you can now begin removing the headlights. Start by taking out the 10mm bolt located on the outer edge of the headlight.



Next, remove the two 10mm bolts securing the top of the headlight.



Lastly, remove the final 10mm bolt, which is slightly hidden behind the mounting point.



With the bolts removed, you can now pull the headlight out slightly. There will be three connectors attached to the back of the light—disconnect them to fully release the

headlight.



With the headlights removed, the uninstallation process is now complete.

PART II - Install Headlights

Install Alpharex headlights

Now we can install the Alpharex headlights. Before you install the headlights you will need to decide if you will want an Amber or White DRL and if you will like to install the DRL harness.

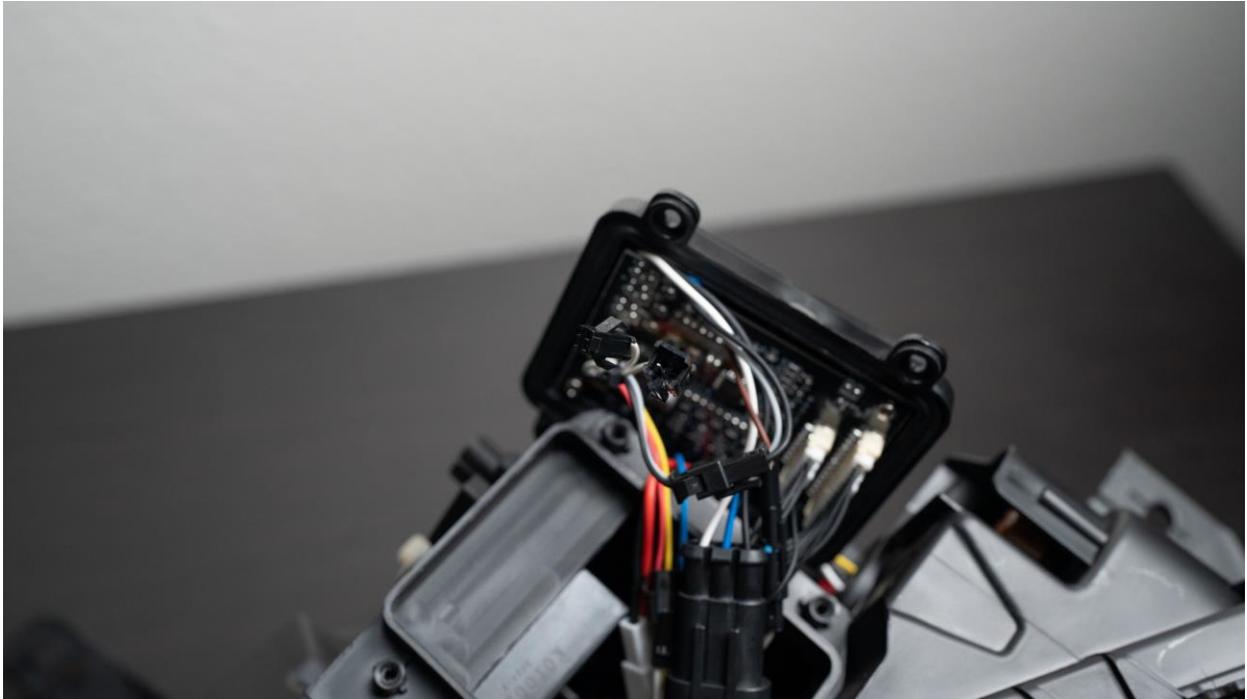
Optional Step 1: Change the DRL to Amber

To swap the DRL from white to amber it is very easy to do so.

The first thing you want to do is grab your headlights and flip them to where the control board is facing you as so.



To do this, remove the four screws securing the cover. Inside, locate the two white wires with black connectors and plug them into each other to activate the amber DRL.





Once that's complete, secure the control board back into place by reinstalling the four screws and you're done.



Optional step 2: Install DRL harness

Installing the DRL harness is optional the two things you gain from installing the harness is.

- Brighter DRL.
- Activation sequence when you unlock / lock the vehicle.

To install the DRL harness you will use one one harness for both headlights.

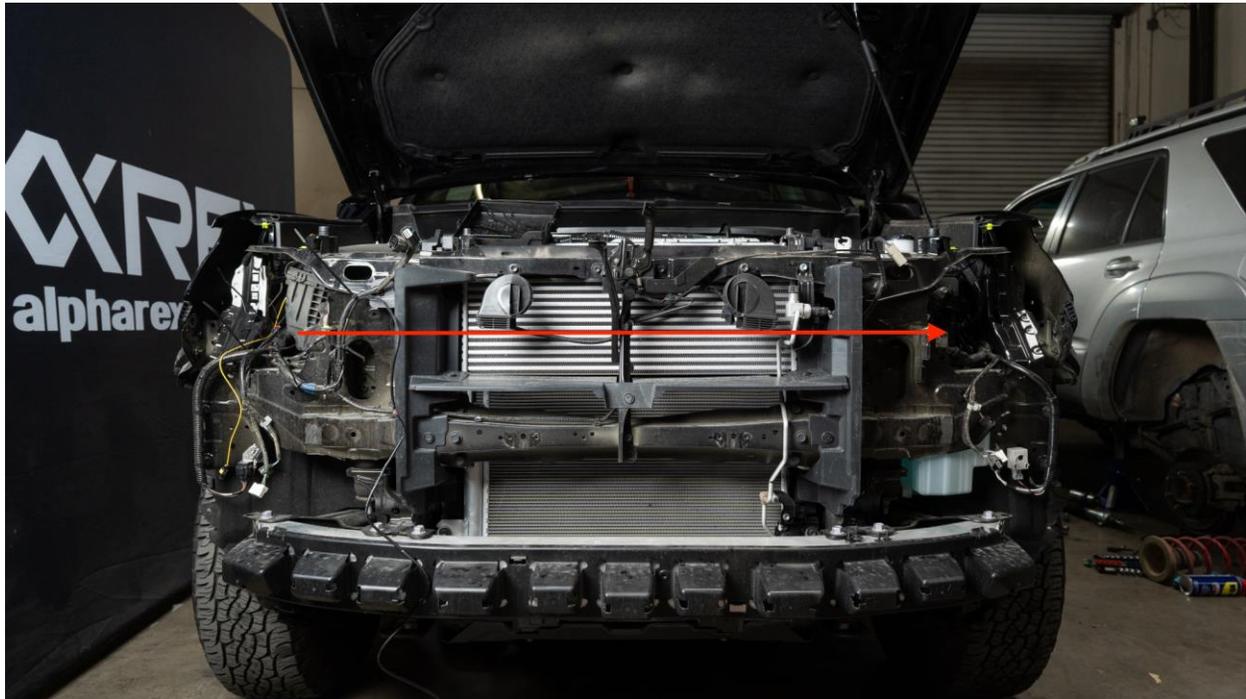
First, lay out the harness according to how it will be routed during the installation.

The side with the fuse taps will go to the driver side.



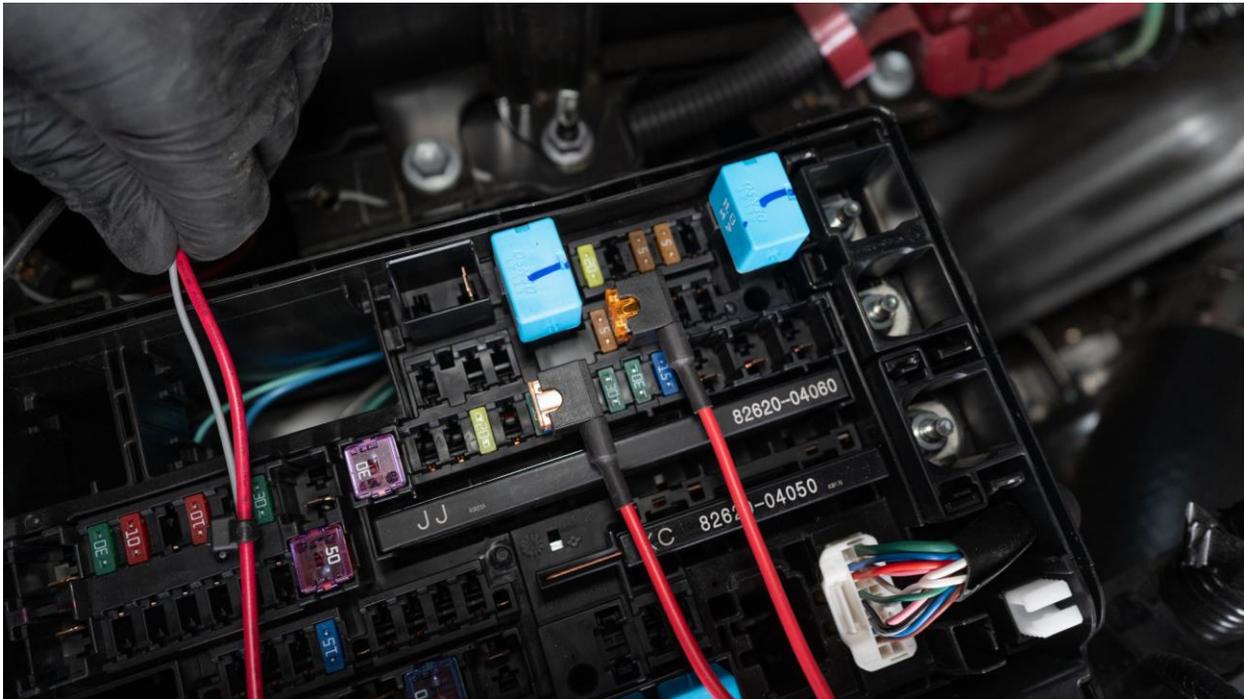
The opposite end, featuring a single red wire, will need to be carefully routed to the driver's side by feeding it through the front of the vehicle. Take care to avoid any damage to the

wire.



Next, install the fuse taps into the fuse box. The red wire connects to the Horn (15A) fuse location, while the gray wire connects to the Towing - IGR (7.5A) fuse location. Make sure there are two fuses in the fuse tap (the one you remove and the one that it came with).



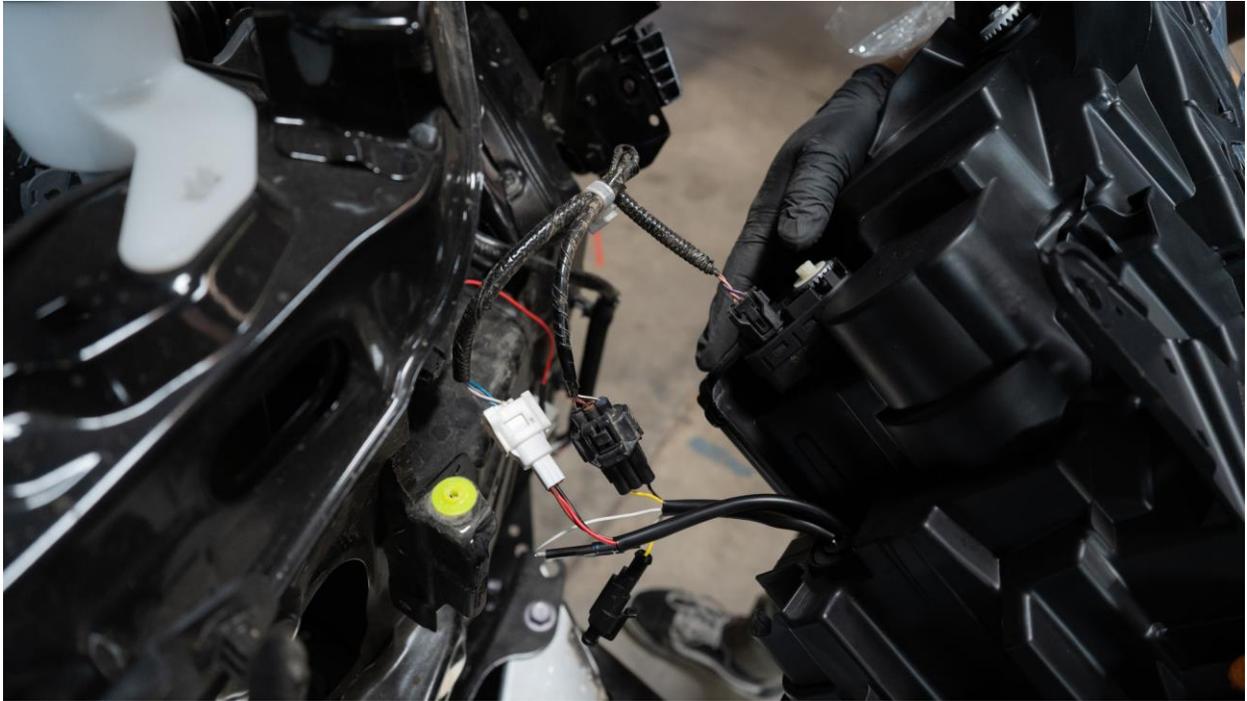


With this step complete, the harness is now in place and you can proceed with the headlight installation. (Pick where you see *).

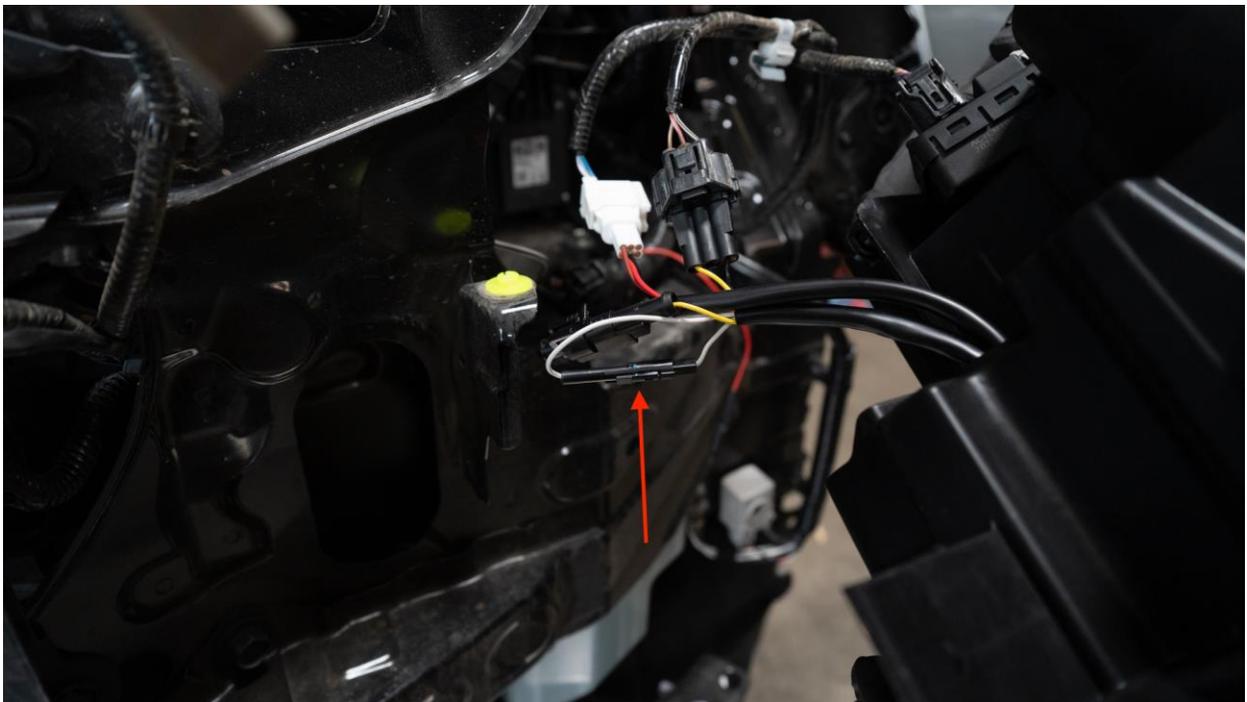
Install the headlights:

Now we can install the headlights.

First connect the three plugs from the vehicle to the back of the headlight.

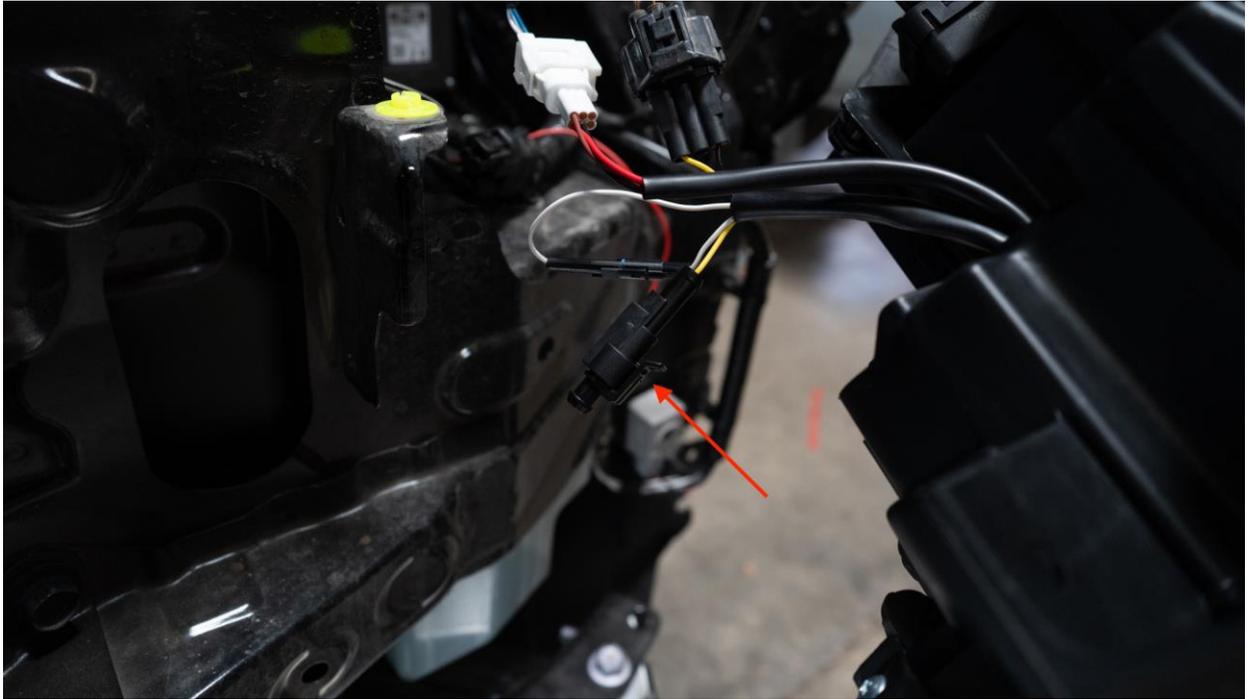


* If you installed the DRL harness, you'll need to unclip these two plugs—this allows the DRL harness to connect directly to the male end. (nothing will go to the other end) Do the same on the driver side.



On the passenger side, connect the single yellow wire from the DRL harness to the matching single yellow wire plug on the headlight. (remove the

cap).



Once that's complete, reinstall the headlights by securing it back into place with the four 10mm bolts.



Reinstall the bumper and fender flares by simply reversing the removal process.



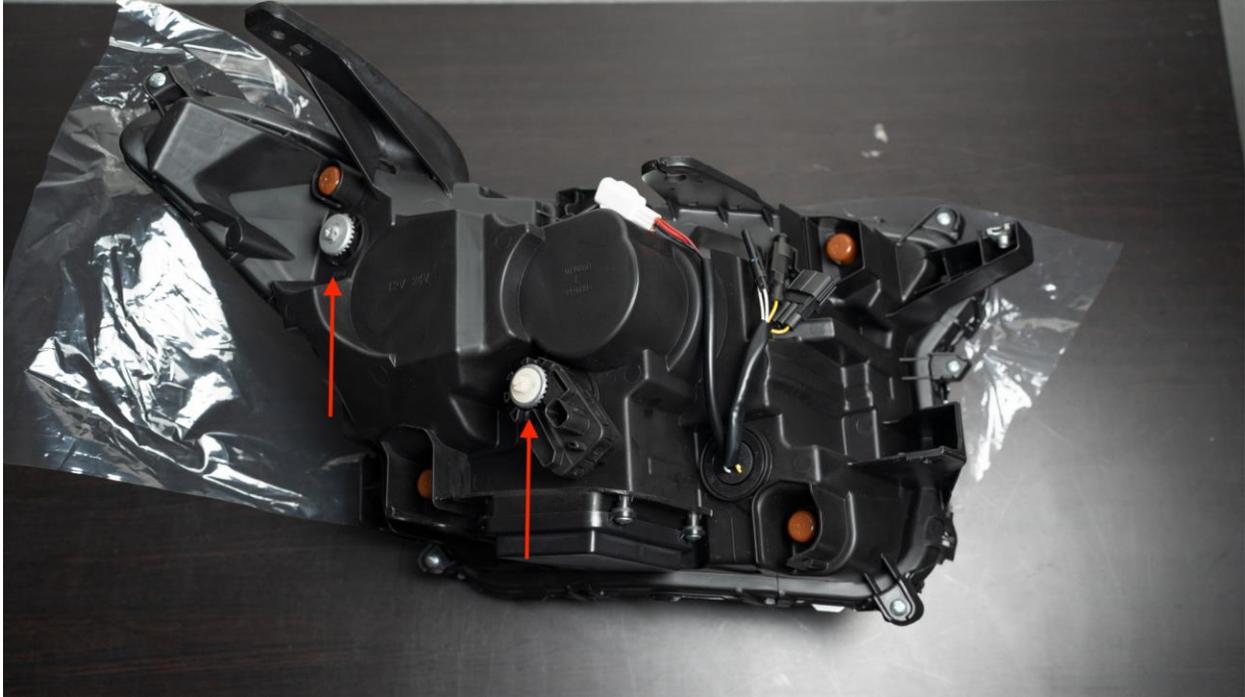


And just like that, the installation is complete!



Fine-tune your headlight's beam pattern:

To fine-tune your headlight's beam pattern, use the lower adjustment screw to raise or lower the beam, and the top adjustment screw to shift it left or right—all can be done while the headlight is installed using a T2 Philips head screwdriver.



End of installation guide