

Installation Guide for 2010-13 Toyota 4Runner Headlights

ALPHAREX specializes in designing and producing superior and uniquely stylish aftermarket automotive performance lighting with unrivalled innovative technology. This installation guide takes you through the step-by-step process of installing your new **ALPHAREX HEADLIGHTS** for your 2010-13 Toyota 4Runner

DO NOT USE DIELECTRIC GREASE!



Table of Contents



PART I REMOVE HEADLIGHTS

- **INSTALLATION TOOLS**
- **STEP 1.** Disconnecting the negative battery terminal
- **STEP 2.** Front grille/ bumper removal
- **STEP 3.** Remove front bumper bolts
- **STEP 4.** Gain access to the headlight bolts
- **STEP 5.** Remove headlight bolts
- **STEP 6.** Unplug and remove the headlights

PART II INSTALL HEADLIGHTS & DRL HARNESS

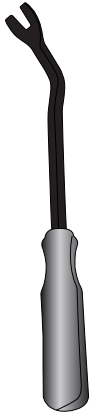
- **STEP 1.** Install ALPHAREX headlights & DRL Harness
- **STEP 2.** Tap the fuse
- **STEP 3.** Transfer bumper bracket before install
- **STEP 4.** Turn signal plugs
- **STEP 5.** Plug and install the headlights
- **STEP 6.** Test the headlight functions
- **STEP 7.** Adjust headlight level
- **STEP 8.** Complete installation

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

INSTALLATION TOOLS

PREPARE THESE TOOLS FOR INSTALLATION



Metal Panel Popper



Pick Tool



Phillips Screwdriver



1/4 Ratchet



1/4 Extension

10mm



Socket

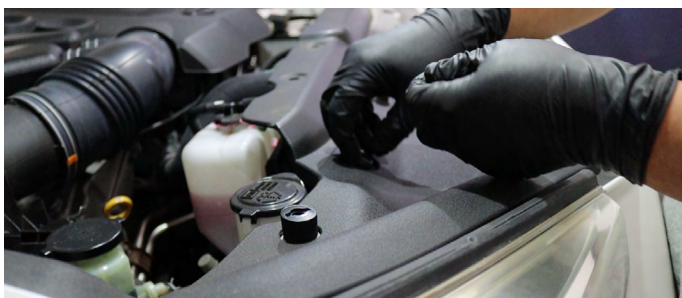
STEP 1. DISCONNECTING THE NEGATIVE BATTERY TERMINAL

Whenever working on your vehicle, always start by disconnecting the negative battery terminal.



STEP 2. FRONT GRILLE/ BUMPER REMOVAL

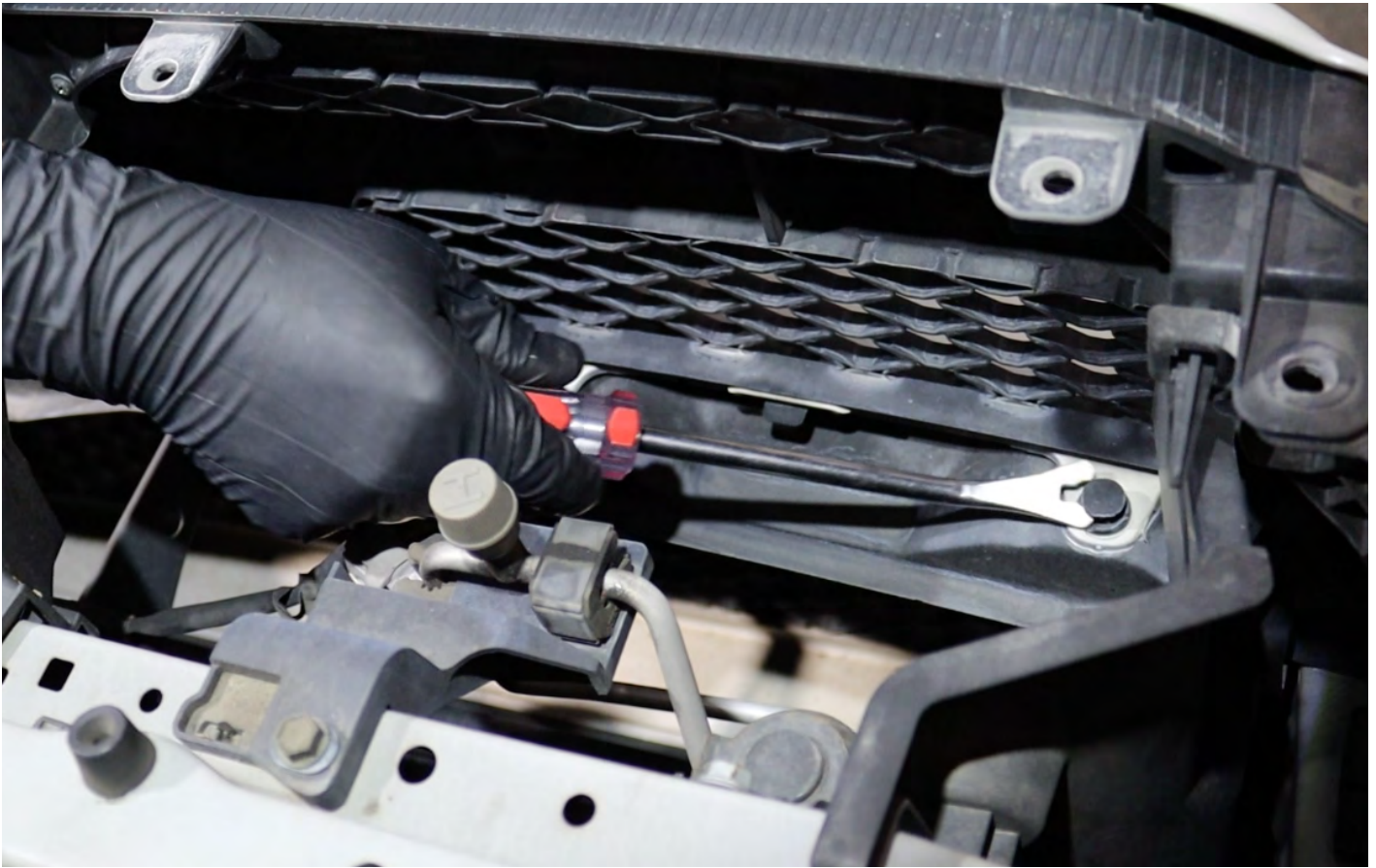
Take off the radiator support cover by pushing the middle of each mounting tab to release them.



Extract the 10mm bolt located at the back of the front grille, and employ a panel popper to eliminate the two mounting tabs situated on the side.



Detach the four mounting tabs located at the back of the lower part of the front grille.

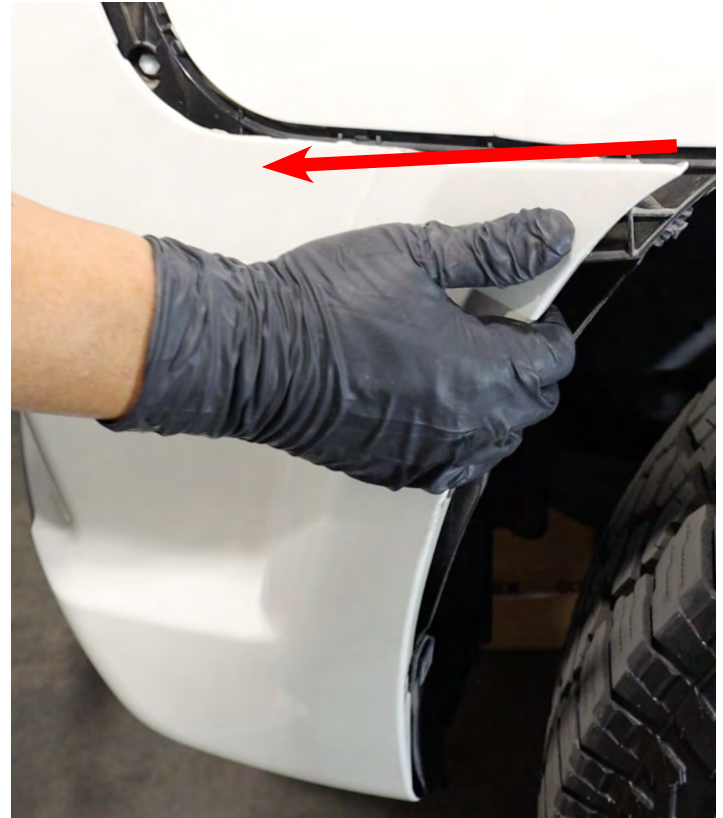


STEP 3. REMOVE FRONT BUMPER BOLTS

Take out the six 10mm bolts, with three on each side near the wheel well.



Raise the edges of the bumper to disengage it and carefully pull it outward. Repeat these steps for the other side of the bumper.



STEP 4. GAIN ACCESS TO THE HEADLIGHT BOLTS

Gently loosen the bumper by pulling it outward to access the headlight bolt from the mounting bracket. You don't need to remove the entire bumper; just create enough space to reach the headlight's bolt and mounting bracket.



Repeat the same steps for the other side of the bumper.



STEP 5. REMOVE HEADLIGHT BOLTS

Take out the three 10mm bolts for each side of the headlight – two on the top and one on the side of the mounting bracket.





STEP 6. UNPLUG AND REMOVE THE HEADLIGHTS

Disconnect the light sockets and corresponding connectors.





Repeat the same steps for the other side of the headlight.



PART II INSTALL HEADLIGHTS & DRL HARNESS

STEP 1. INSTALL ALPHAREX HEADLIGHTS & DRL HARNESS

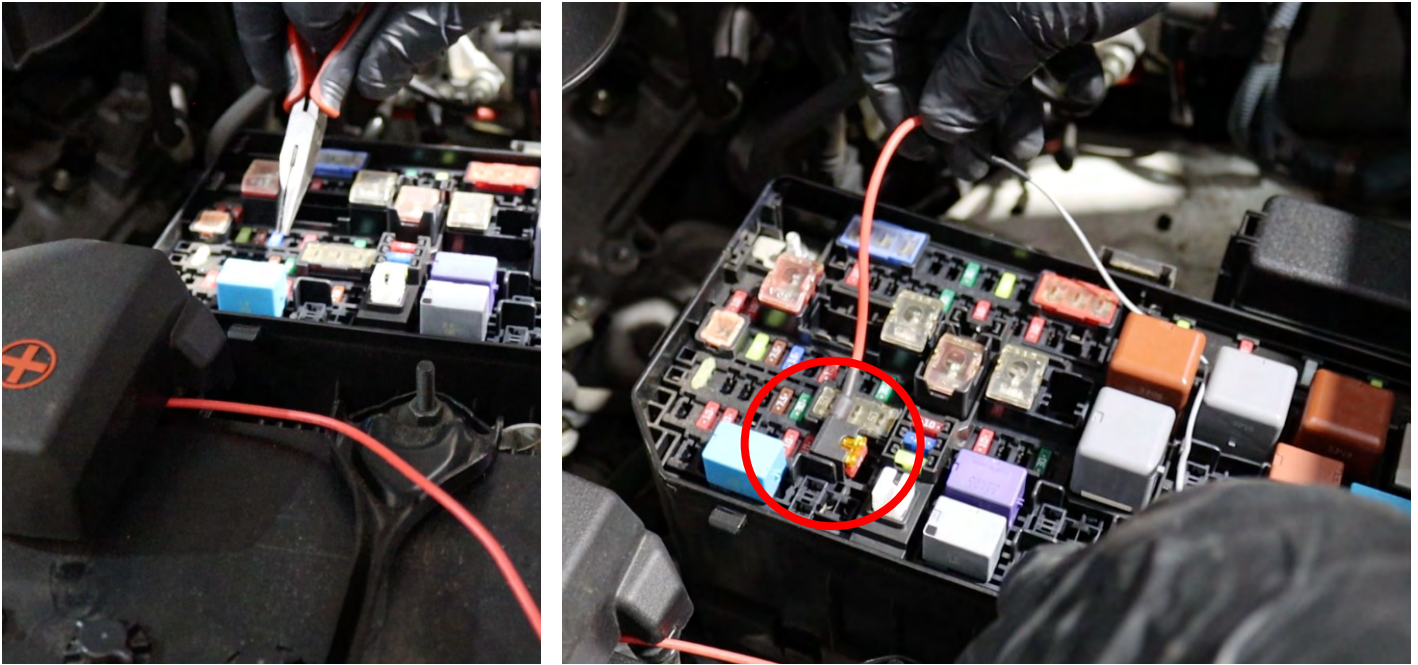


Now that both headlights are removed, proceed to install the DRL (Daytime Running Lights) harness. Connect the red wire to the battery's positive terminal and the black wire to either the battery's negative terminal or the 10mm bolts on the firewall.

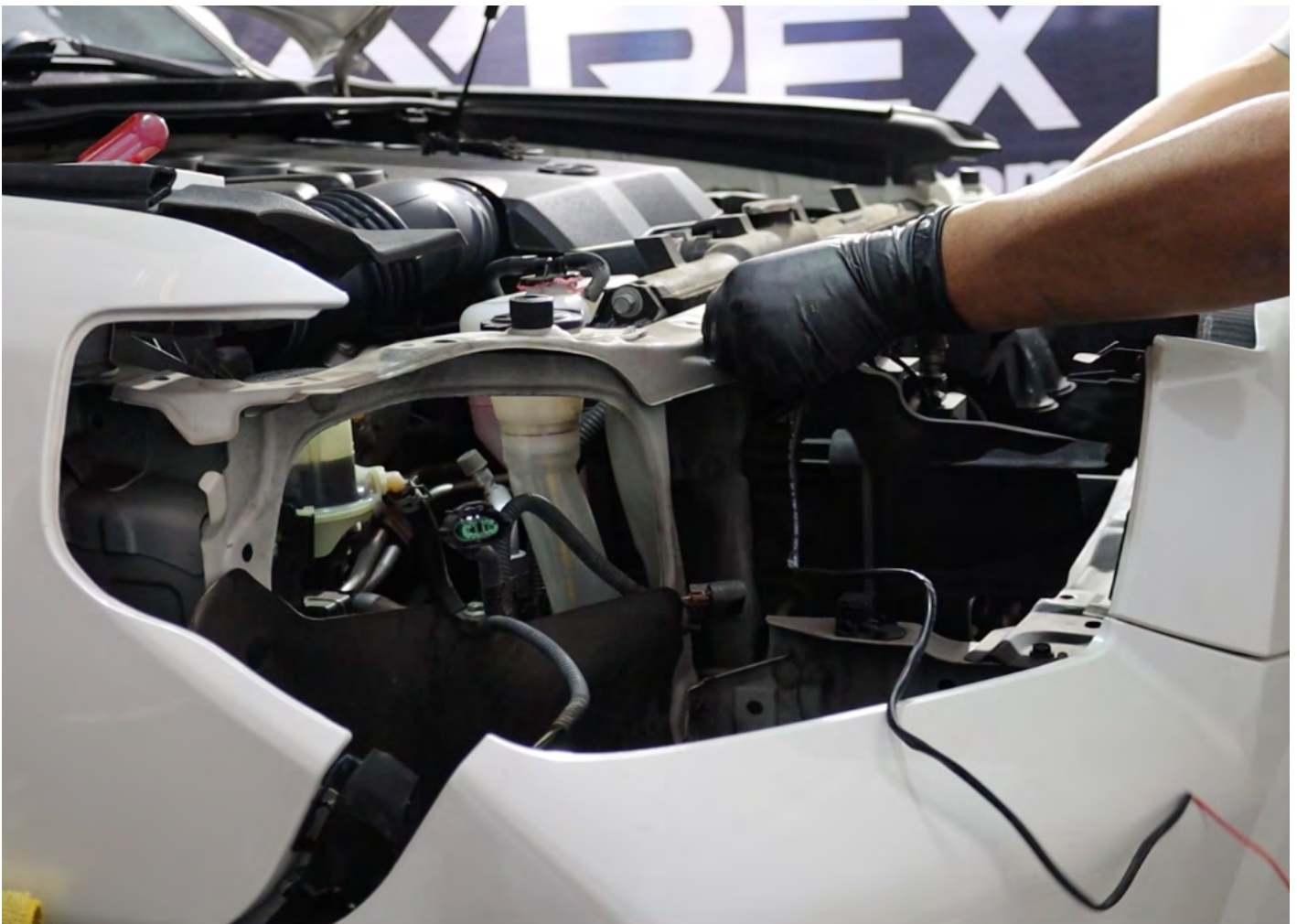


STEP 2. TAP THE FUSE

For the DRL to operate during the day, tap the grey wire into your INJ (Injection) fuse (10A) route, and connect the two red wires – one to the back of each headlight.

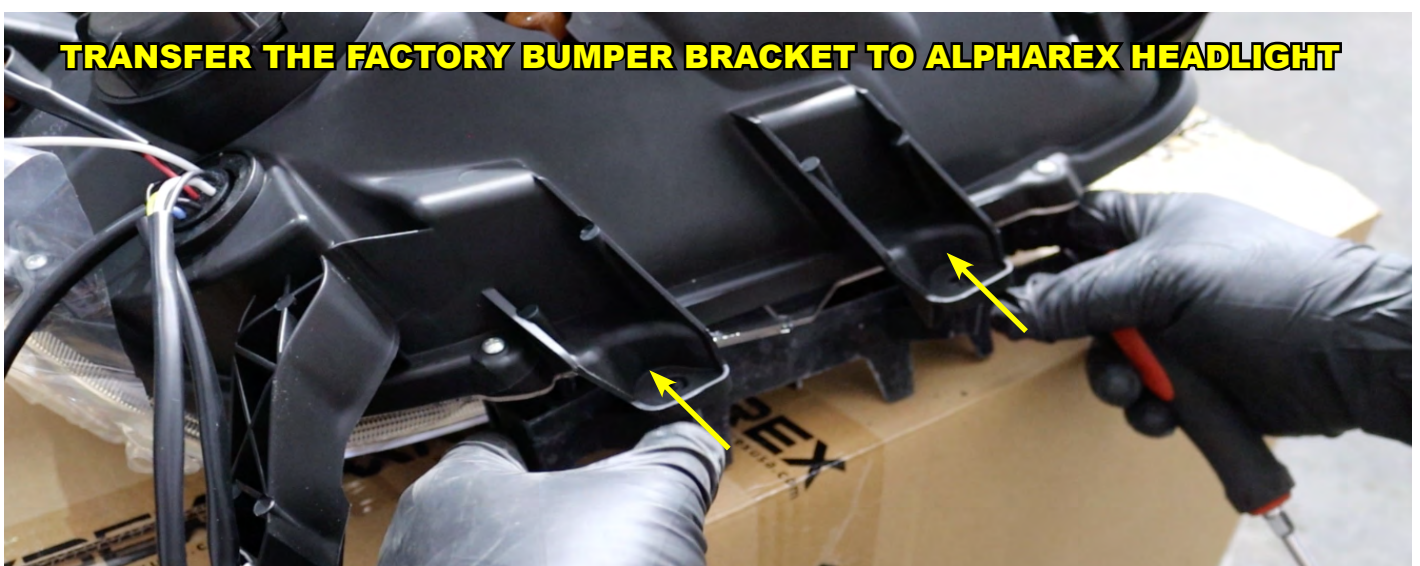
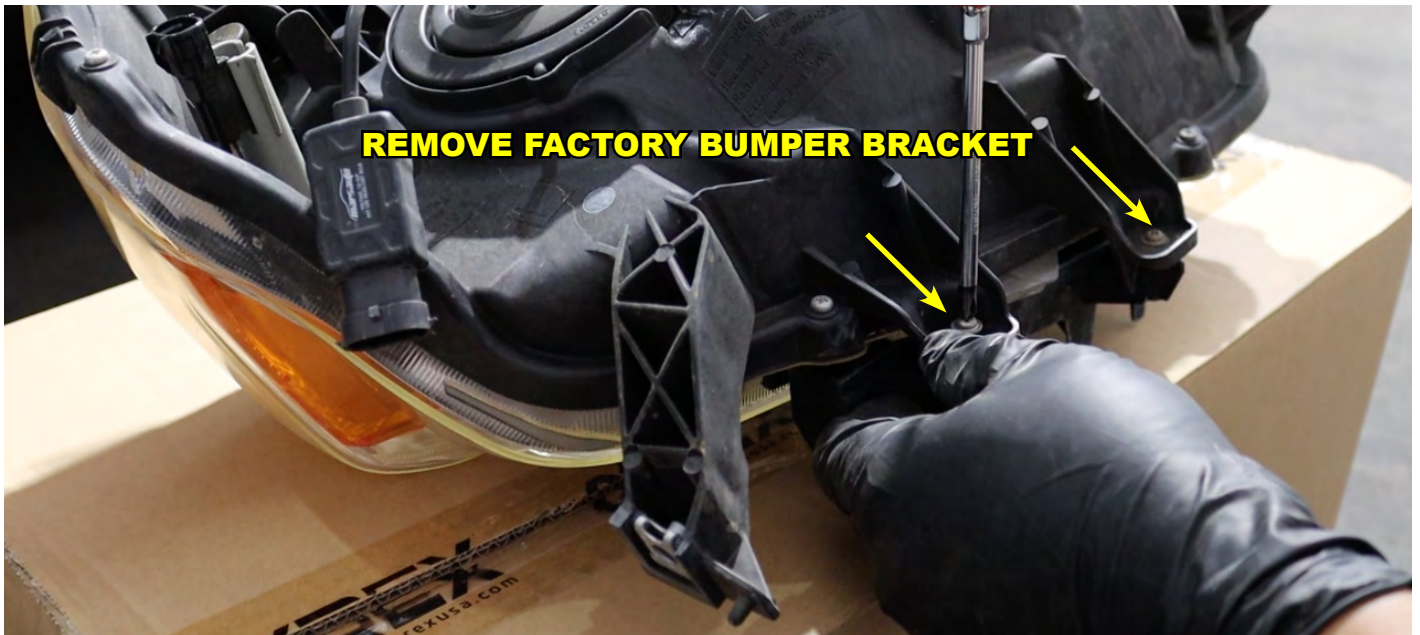


Guide the DRL wires to the other side of the headlight.



STEP 3. TRANSFER BUMPER BRACKET BEFORE INSTALL

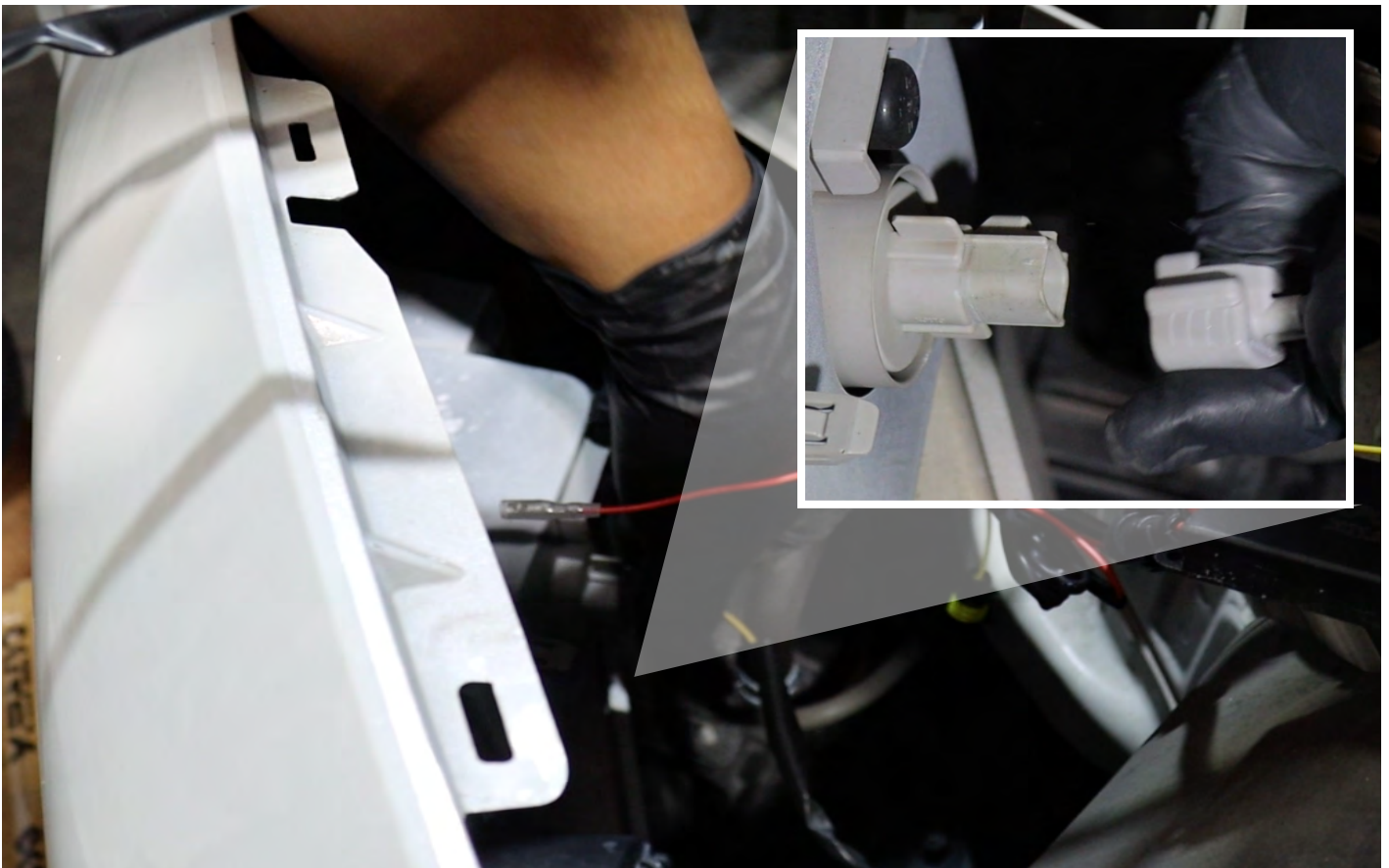
Transfer the bumper bracket from the stock headlights to the new ALPHAREX headlights. Use a Phillips screwdriver to remove the two screws from the bumper bracket, and then transfer it to the new ALPHAREX headlights for reinstallation.

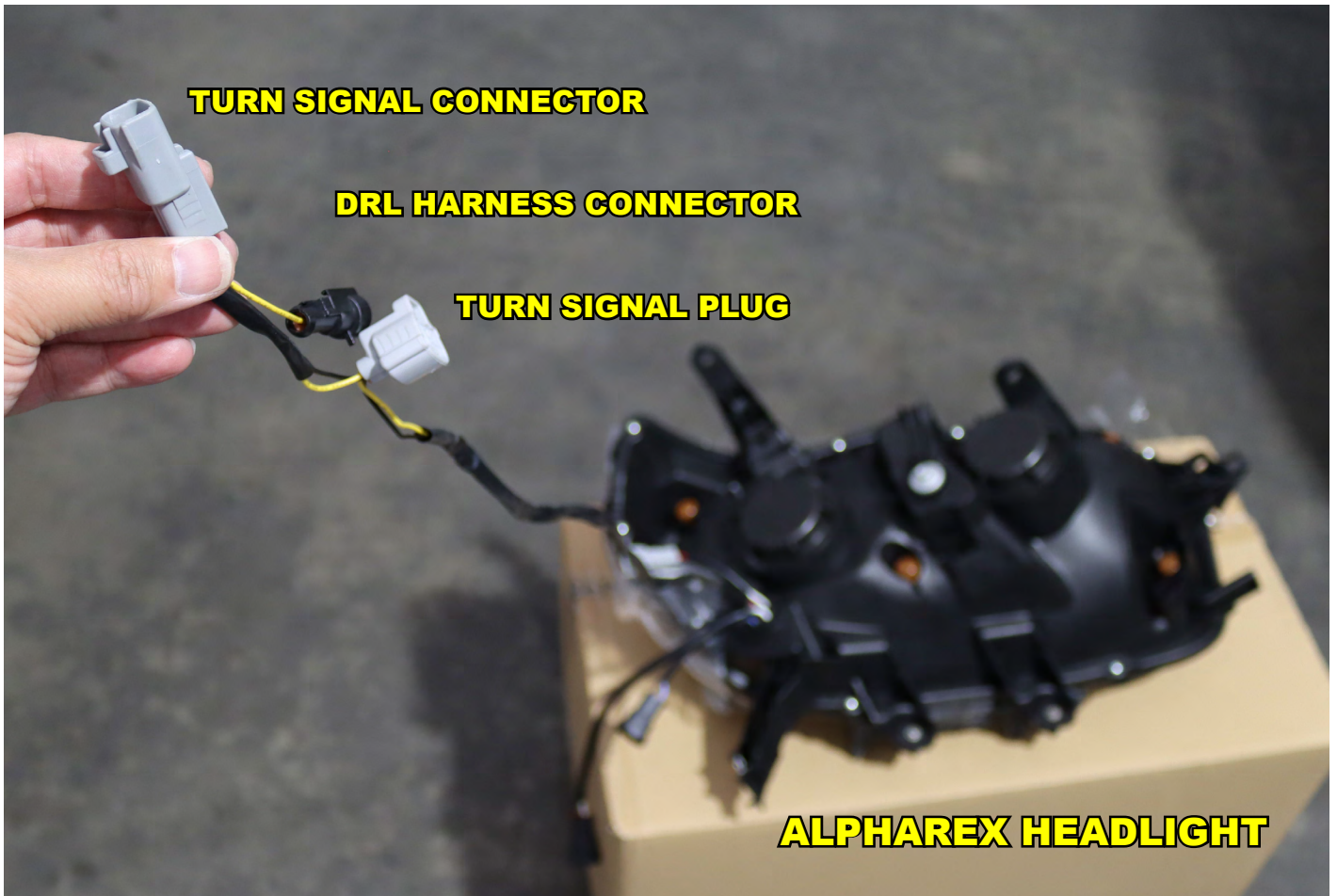




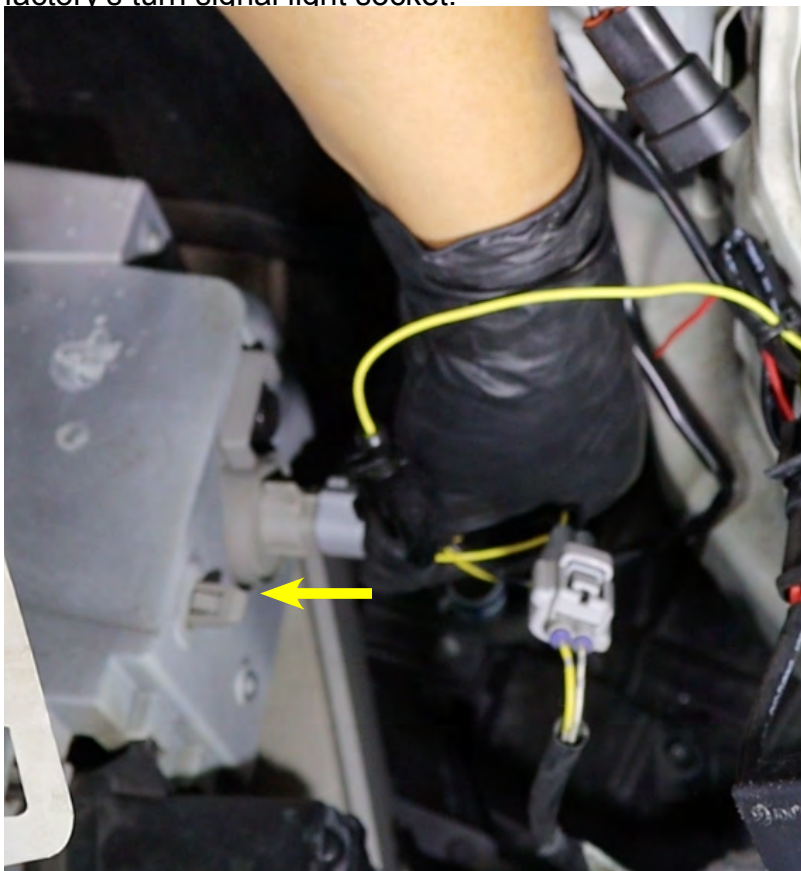
STEP 4. TURN SIGNAL PLUGS

Begin on the driver's side. Initially, disconnect the connector from the factory's turn signal light.
DO NOT USE DIELECTRIC GREASE!





Connect the turn signal connector from the harness of the new ALPHAREX headlight to the vehicle's turn signal wire socket. Subsequently, attach ALPHAREX's turn signal plug into the factory's turn signal light socket.



Connect the yellow wire from the DRL harness into the wire on the driver's side.



STEP 5. PLUG AND INSTALL THE HEADLIGHTS

Connect the low beam connector, high beam connector, and the side marker connector into the new ALPHAREX headlight. **DO NOT USE DIELECTRIC GREASE!**



Connect the DRL wire connector into the corresponding port on the headlight.

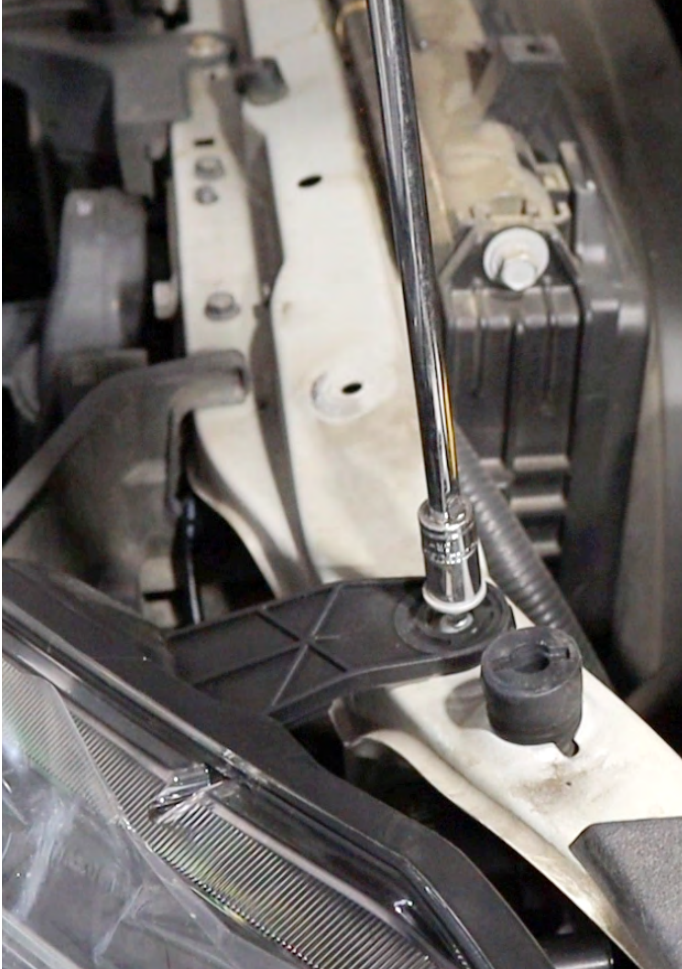


After plugging in the connectors, carefully position the new headlight into the vehicle and align the mounting brackets for installation.



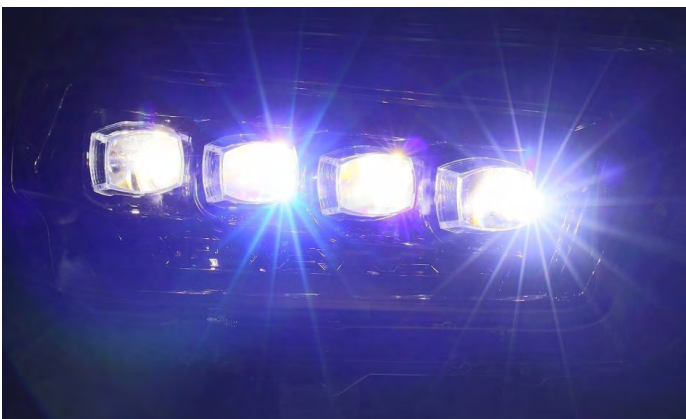
Reverse the process used for headlight removal to install the new headlight into the vehicle. Repeat the same steps for the other headlight.





STEP 6. TEST THE HEADLIGHT FUNCTIONS

Test the functions of your ALPHAREX headlights to ensure everything works properly.

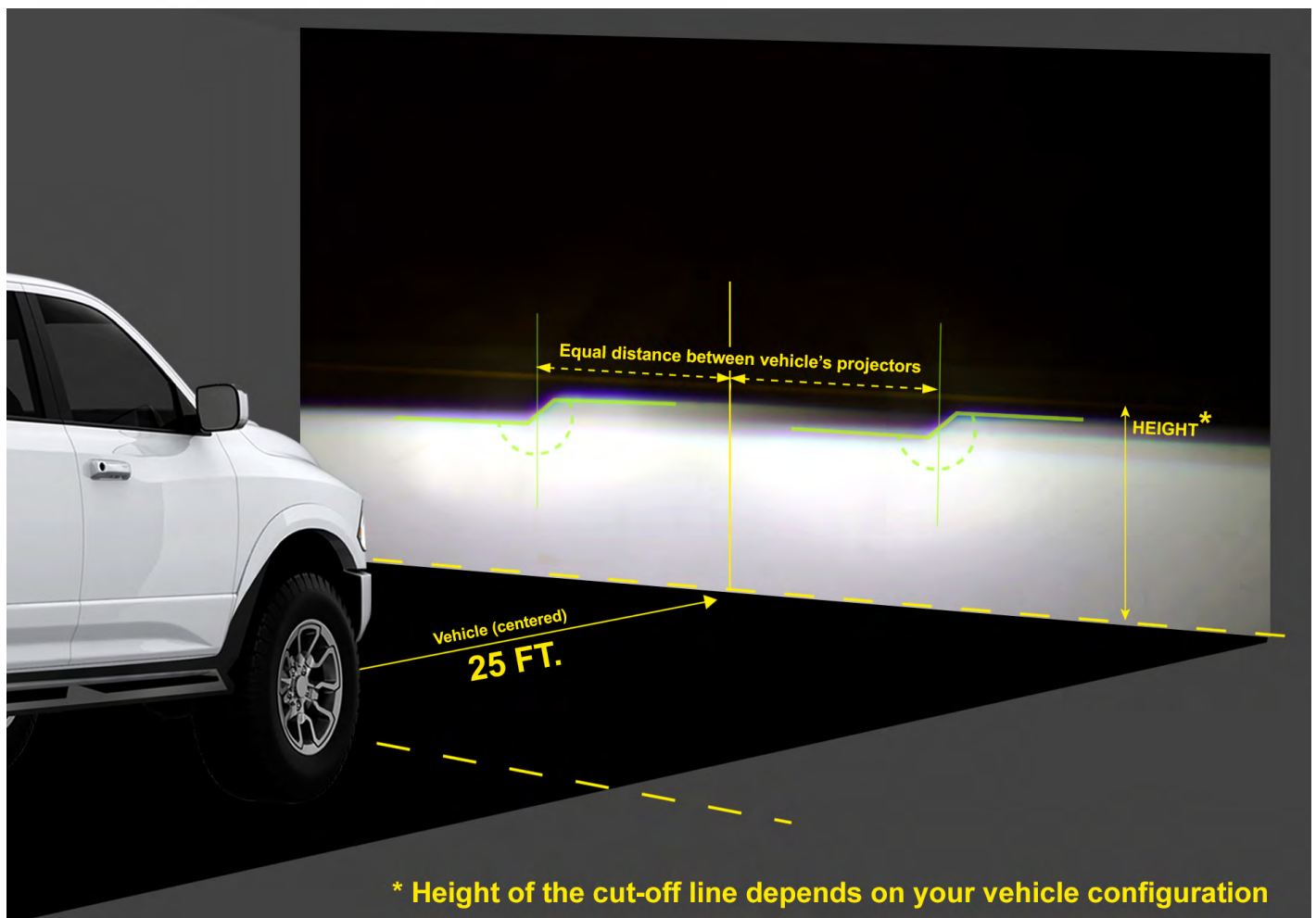


STEP 7. ADJUST HEADLIGHT LEVEL

Once everything has been tested, aim your ALPHAREX headlights by parking 25ft from a wall and level the headlight evenly.

Clockwise to lower the level
Counterclockwise to raise the level

Follow the same procedure for the other headlight.



STEP 8. COMPLETE INSTALLATION

Congratulations! You have completed the installation for ALPHAREX 10-13 Toyota 4Runner HEADLIGHTS.

