



Installation Guide for 18-23 JEEP Wrangler (JL) | JEEP Gladiator (JT) Headlight

ALPHAREX specializes in designing and producing superior and uniquely stylish aftermarket automotive performance lighting with unrival innovative technology. The following installation guide we take you through the installation of your new **ALPHAREX HEADLIGHTS** for your 18-23 JEEP Wrangler (JL) | JEEP Gladiator (JT) step by step.

NOTE: This vehicle require the DRL harness installed for the headlight to function properly.
DO NOT USE DIELECTRIC GREASE!



Table of Contents



PART I REMOVE HEADLIGHTS

- **INSTALLATION TOOLS**
- **STEP 1.** Disconnecting the negative battery terminal
- **STEP 2.** Remove the grille
- **STEP 3.** Remove the headlights
- **STEP 4.** Unplug the turn signal harness

PART II INSTALL HEADLIGHTS

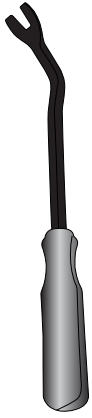
- **STEP 1.** Remove the attached modules (Passenger's side only)
- **STEP 2.** Tap the fuses and route the DRL harness
- **STEP 3.** Plug in the headlights
- **STEP 4.** Screw the headlights bolts
- **STEP 5.** Test the headlight functions
- **STEP 6.** Adjust headlight level
- **STEP 7.** Complete 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.

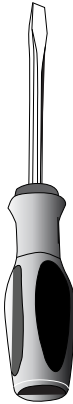
PART I REMOVE HEADLIGHTS

INSTALLATION TOOLS

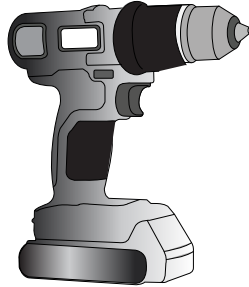
PREPARE THESE TOOLS FOR INSTALLATION



Metal Panel Popper



Flat Screwdriver



Power Tool



1/4 Ratchet



1/4 Extension

10mm



Socket

NOTE: Whenever using a power tool, please make sure do not overtighten the bolts.

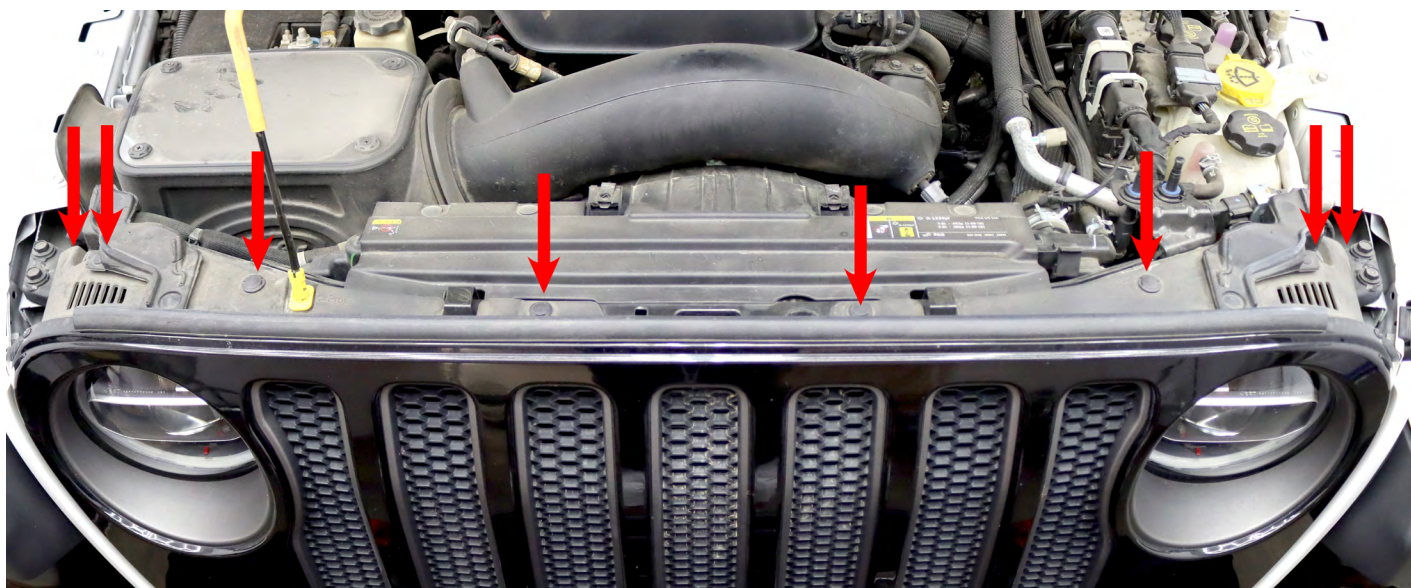
STEP 1. DISCONNECTING THE NEGATIVE BATTERY TERMINAL

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



STEP 2. REMOVE THE GRILLE

Remove the plastic clips on the upper part of the front grille.

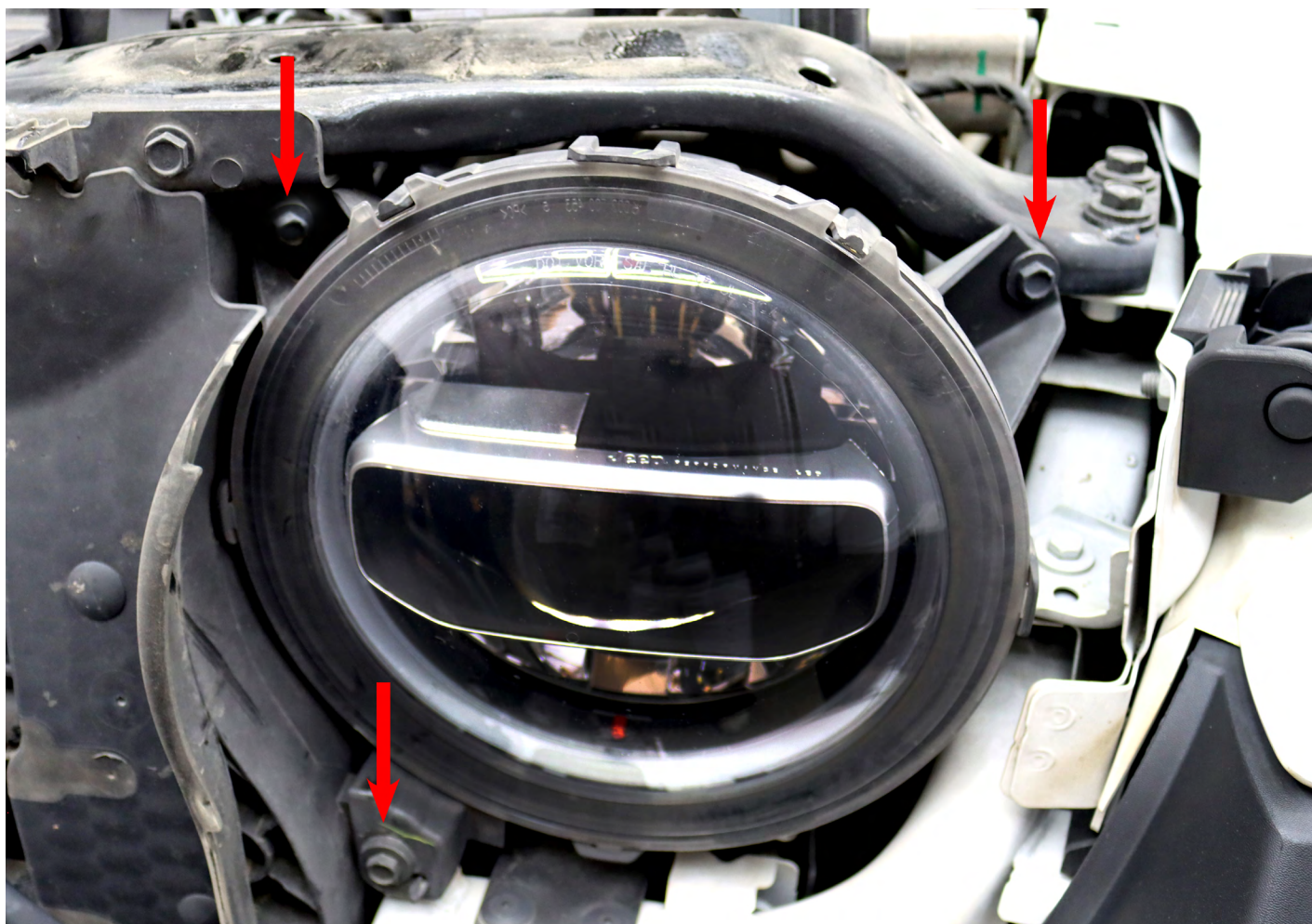


Using a gentle upward motion, lift the grille until the lower clips are released. Once the clips are disengaged, pull the grille out to complete the removal process. Please set the grille aside for later re-installation.

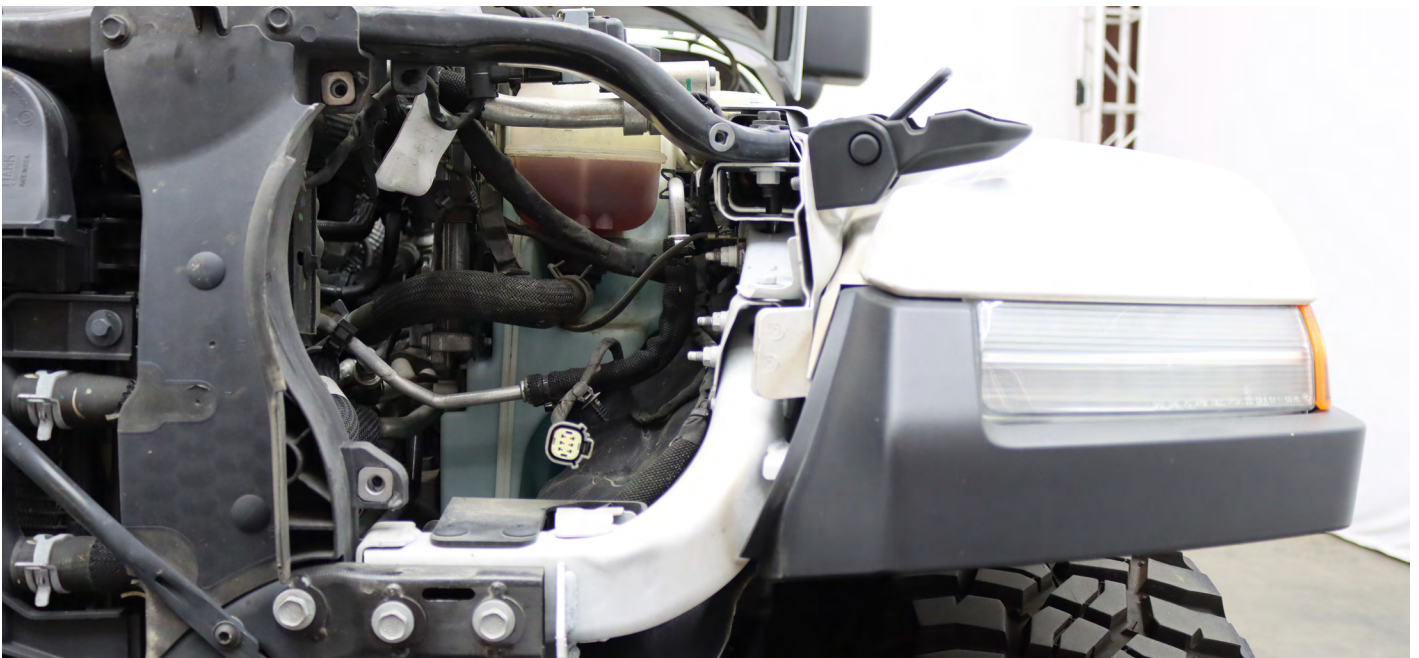


STEP 3. REMOVE THE HEADLIGHTS

Remove the 3 X 10mm bolts from the headlight assembly.



Remove the headlight and disconnect the light sockets.
Please follow the same steps for the other side of the headlight.



STEP 4. UNPLUG THE TURN SIGNAL HARNESS

Detach the plastic clips and 10mm bolts securing the wheel liner, then take out the wheel liner to access the turn signal harness.





Disconnect the turn signal harness and repeat the identical steps on the other side before installing the new ALPHAREX headlights.



PART II INSTALL HEADLIGHTS



STEP 1. REMOVE THE ATTACHED MODULES (PASSENGER'S SIDE ONLY)

Given the numerous trim/model variations for 18-23 JEEP Wrangler (JL) | Gladiator (JT) we have affixed the modules from the back of the headlights using double-sided tape. However, due to the airbox, there might not be sufficient space for installation.

Before fitting the passenger's side headlight onto the vehicle, it is essential to detach them

Use the panel popper to detach the modules.



STEP 2. TAP THE FUSES AND ROUTE THE DRL HARNESS

In order for the DRL to function properly, you will need to tap the fuse and route the harness. Connect the red wire to the (+) Positive and black wire to the (-) Negative battery terminal.



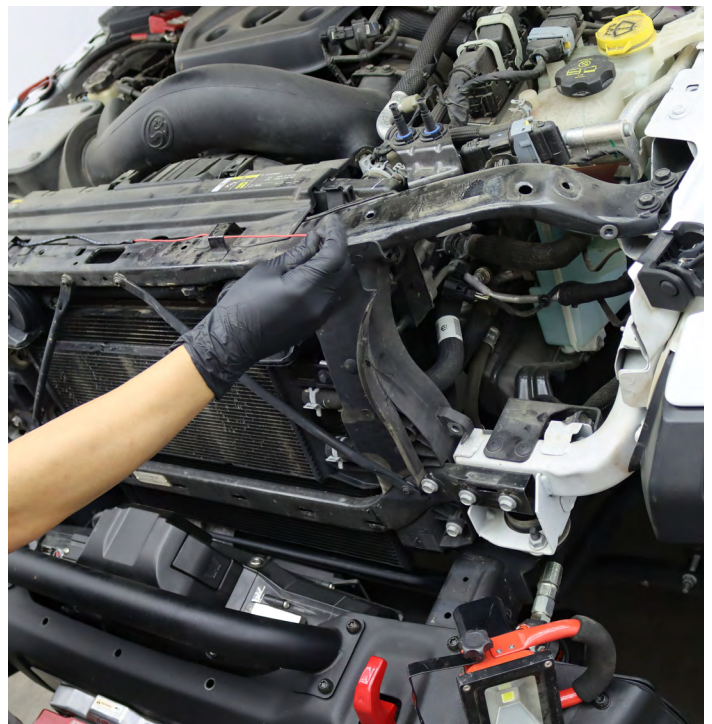
Locate the Fuse box from the passenger's side engine bay and open the cover.



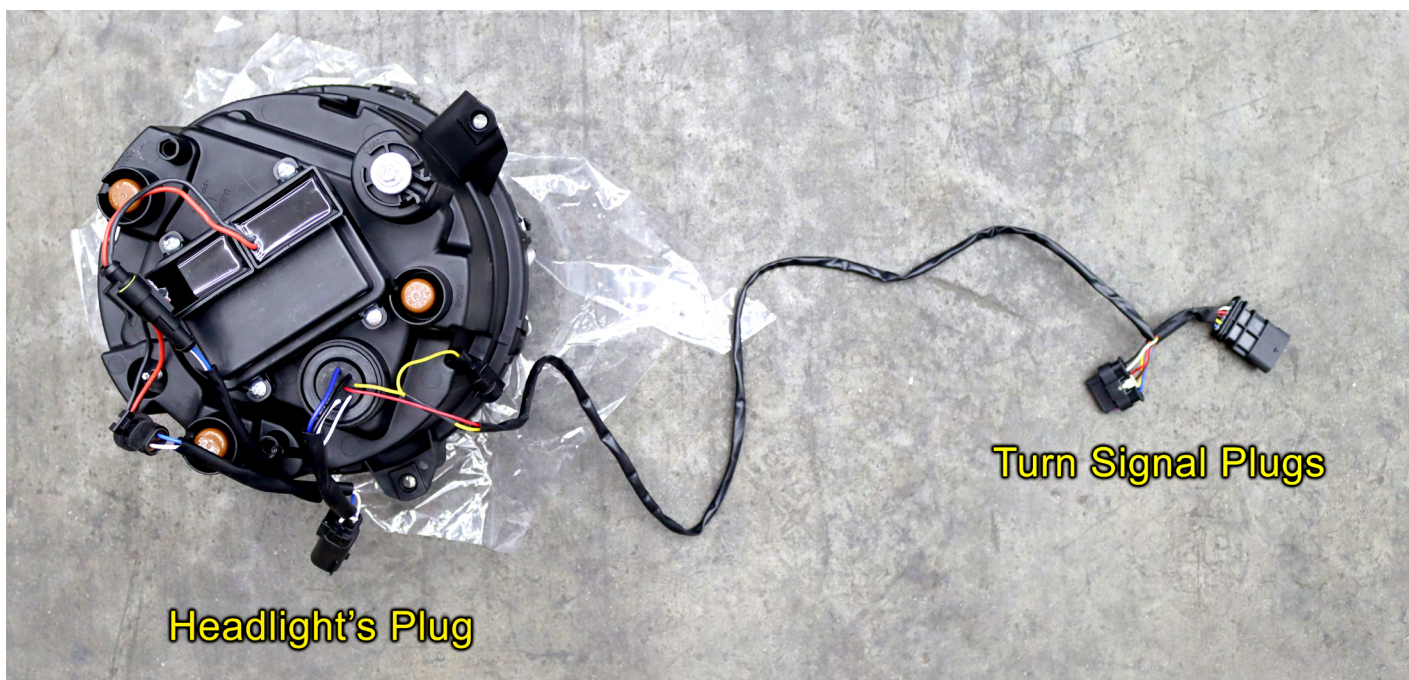
Tap the **DRL RED WIRE** to the F52 (CIG fuse)



Please close the fuse box cover and begin routing the wire first to the passenger's side of the headlight, and then to the driver's side headlight.



STEP 3. PLUG IN THE HEADLIGHTS



PLEASE DO NOT USE DIELECTRIC GREASE!

First, plug the DRL wire into the headlight's assembly.



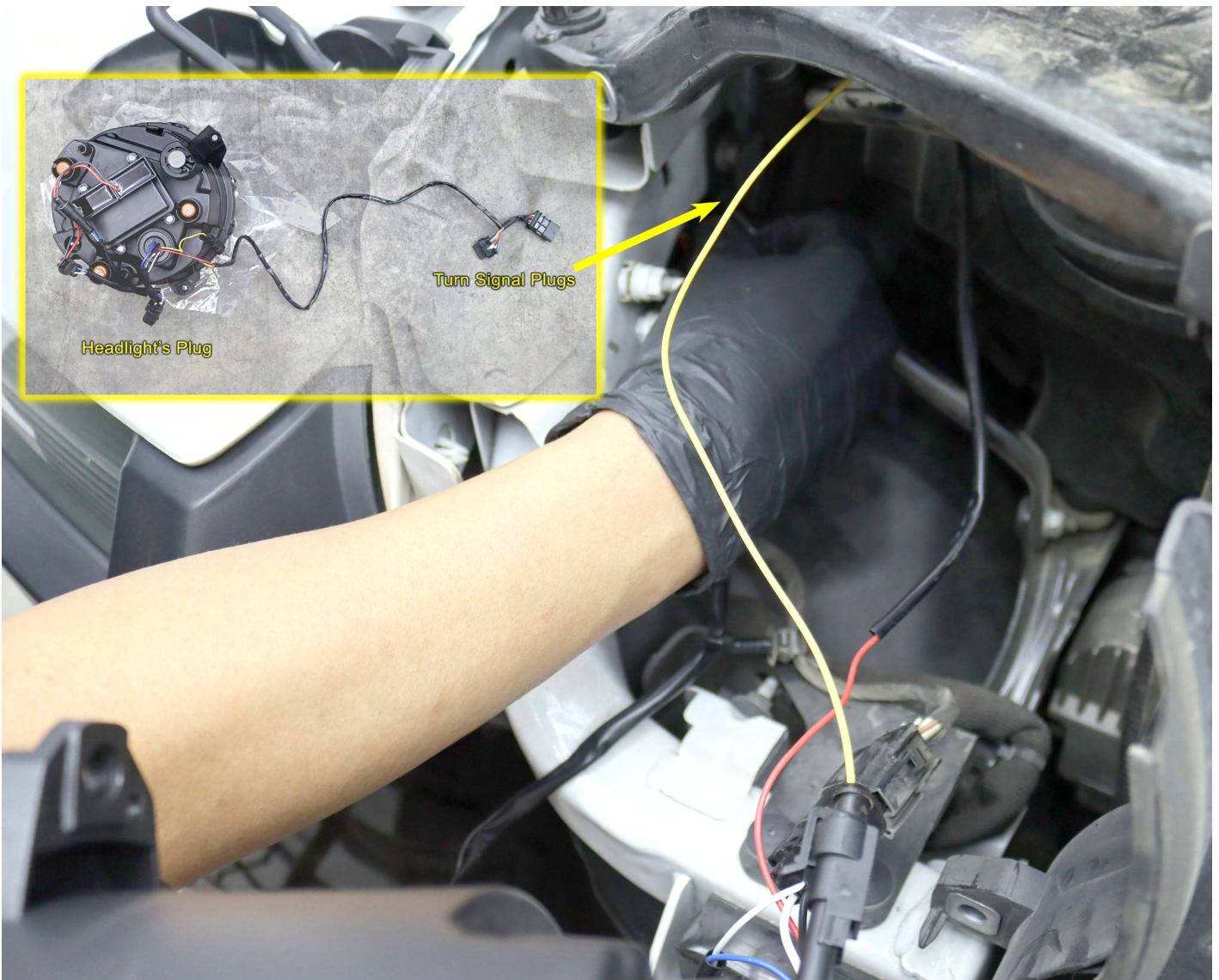
Plug the headlight's plug into the connector.



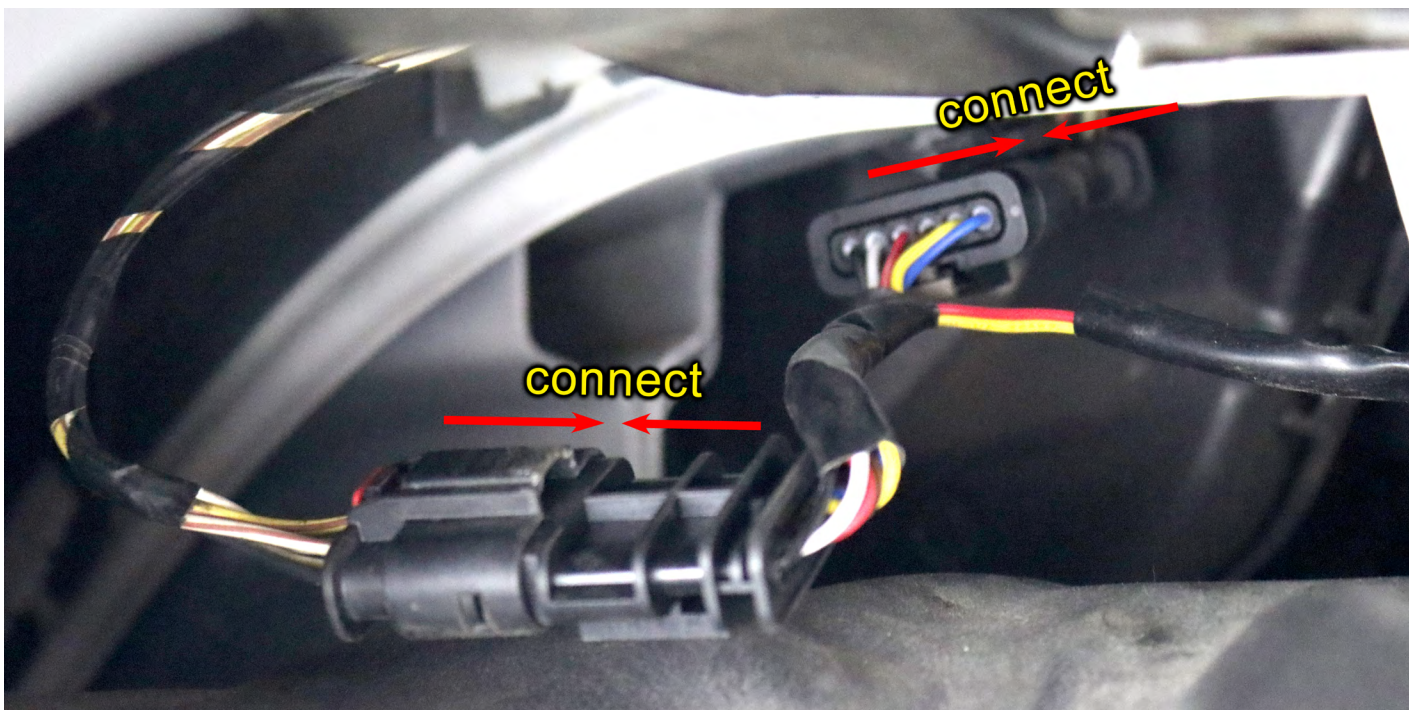
Afterward, connect the turn signal yellow wire from the DRL harness to the headlight assembly.



Carefully route the turn signal plugs to the vehicle's turn signal connector location.

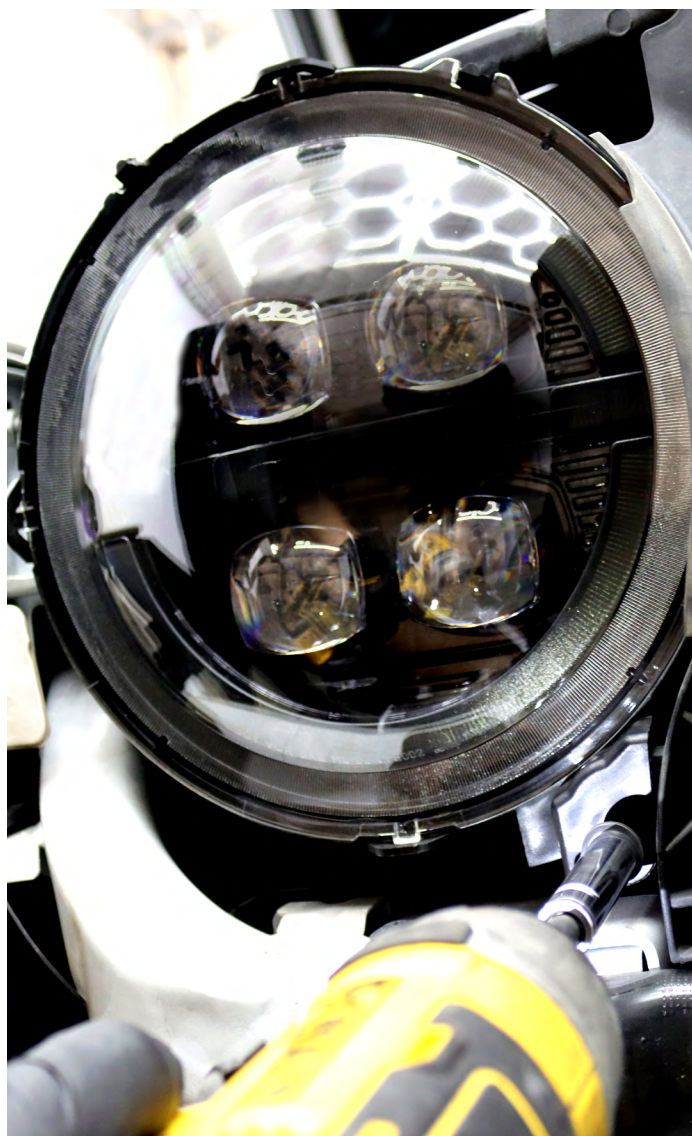


Connect the turn signal plugs to the connector. **PLEASE DO NOT USE DIELECTRIC GREASE!**

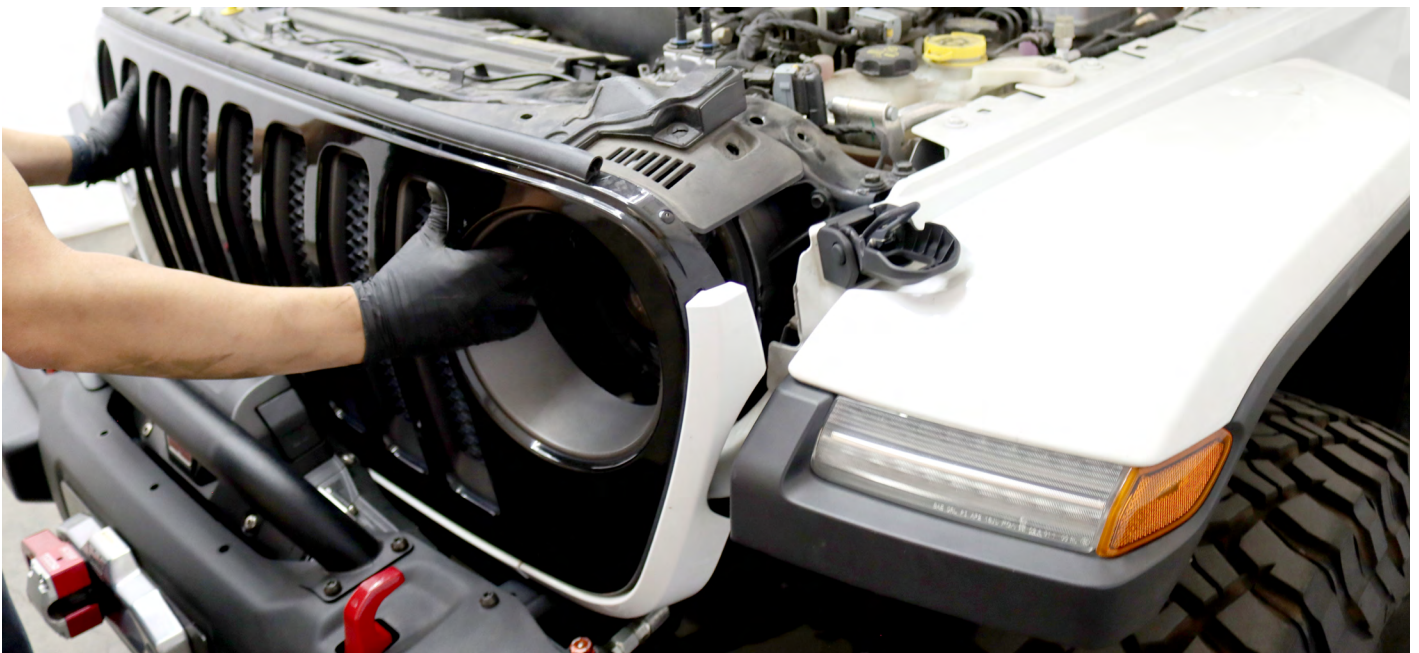


STEP 4. SCREW THE HEADLIGHTS BOLTS

Once all the plugs are securely connected, begin screwing in the headlight bolts. Please follow the same steps for the other side of the headlight.



To complete the installation, reverse the uninstallation process, ensuring all previous steps are followed in the opposite order.



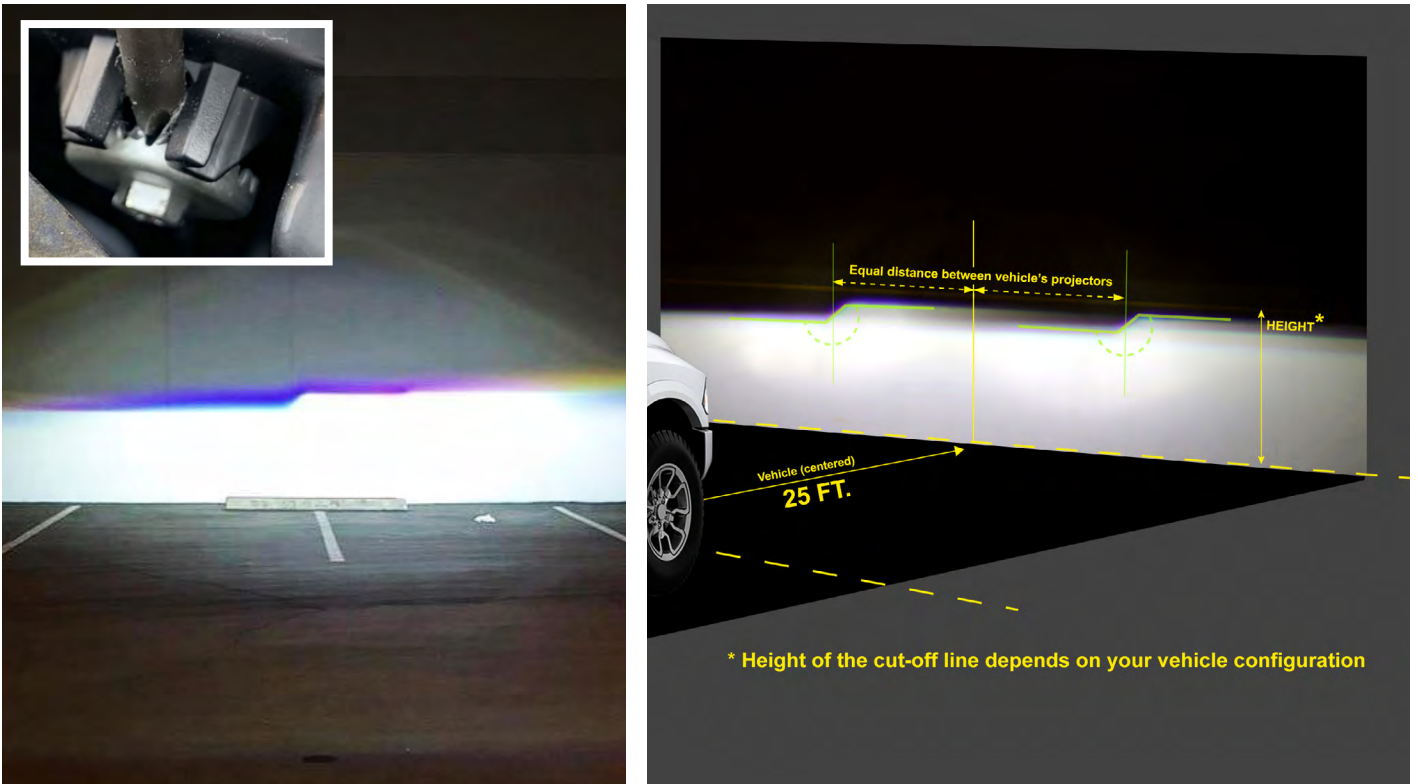
STEP 5. TEST THE HEADLIGHT FUNCTIONS

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



STEP 6. ADJUST HEADLIGHT LEVEL

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



STEP 7. COMPLETE INSTALLATION

Congratulations! you have completed the installation for
ALPHAREX 18-23 JEEP WRANGLER (JL) | GLADIATOR (JT) HEADLIGHTS.

