Installation Guide for 07-13 Toyota Tundra / 08-17 Sequoia 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.

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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.

INSTALLATION TOOLS

Plastic Panel Popper

1/4 Ratchet

Metal Panel Popper

Phillips Screwdriver

Pliers

1/4 Extension

Socket

SIZE NEEDED 10

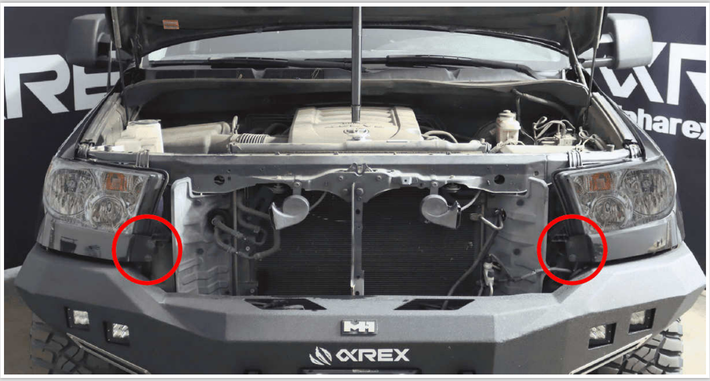
PART I - Remove Headlights

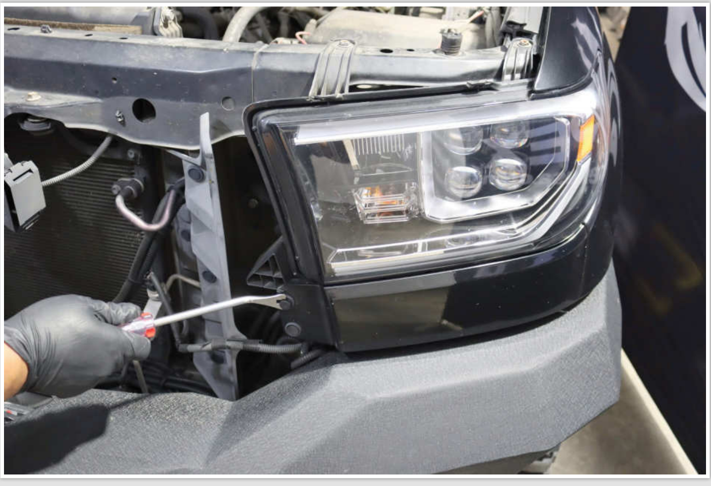
STEP 1 DISCONNECTING THE NEGATIVE BATTERY TERMINAL

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

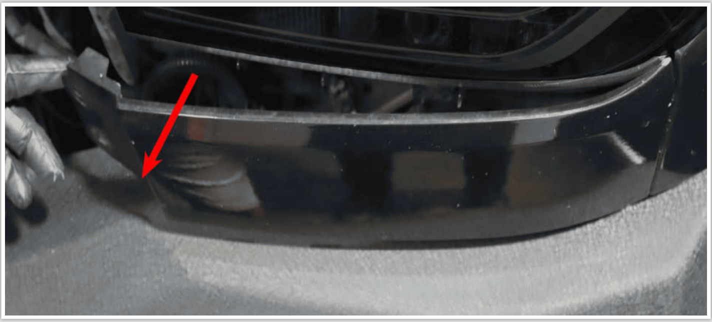
STEP 2 REMOVE THE BOTTOM TRIM PIECES

Open the hood and located the 4 push on plastic retainers.
(2 for each side of the bottom trim piece)

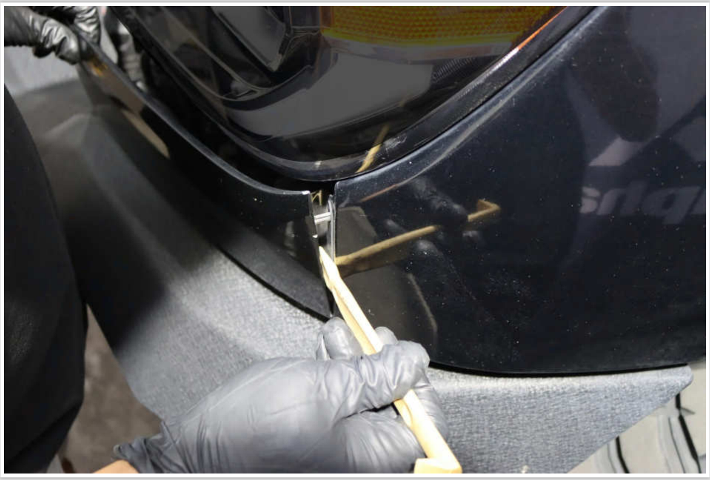


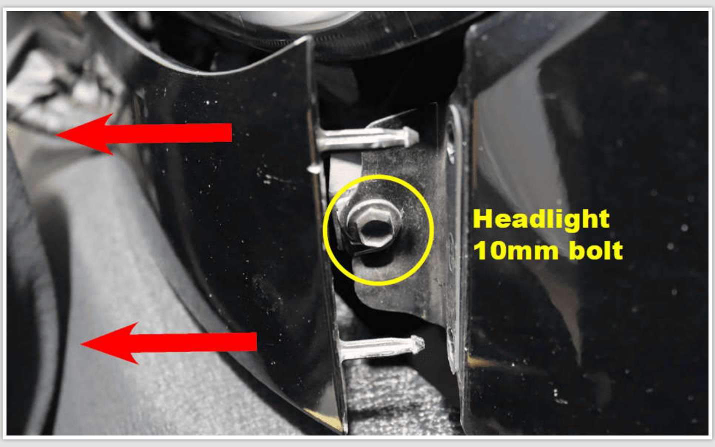


Gently lift from the side and pull it straight outward.



Use the plastic panel popper to help you release the side joint pins.

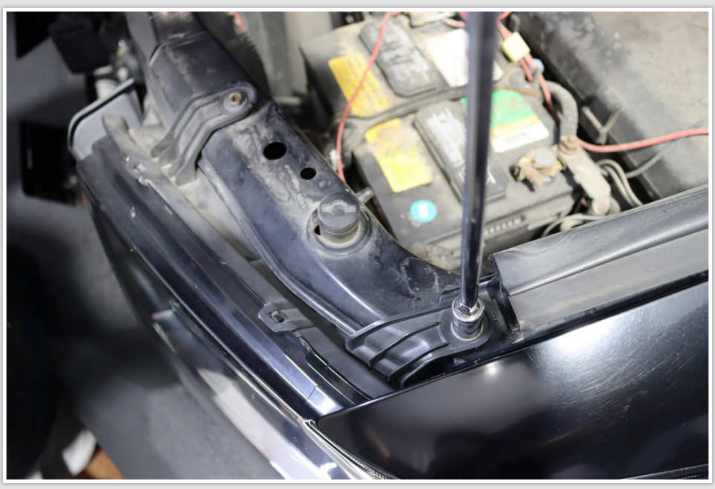


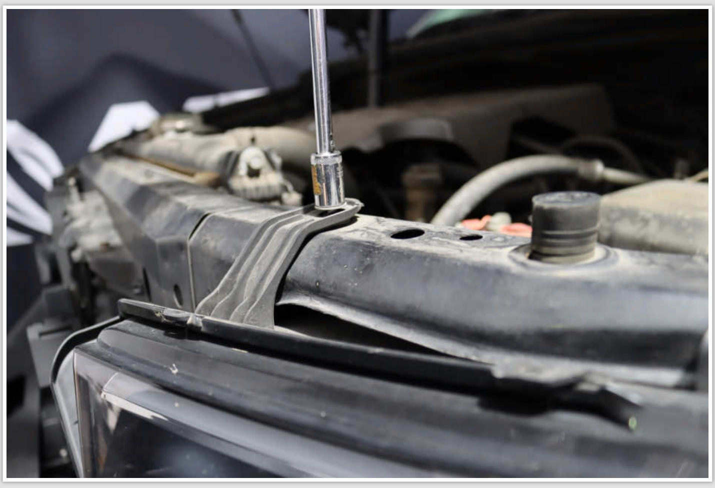


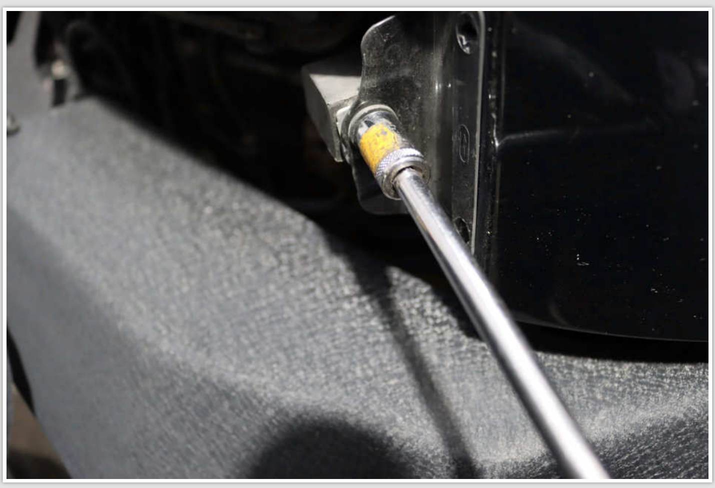
Carefully pull the pins out by pull it straight outward.
Please repeat the same steps for the other side of the trim piece.

STEP 3 REMOVE HEADLIGHT BOLTS

Remove headlight bolts: 10mm (2 on the top and 1 from the bottom).
Please follow the same procedure for the other side

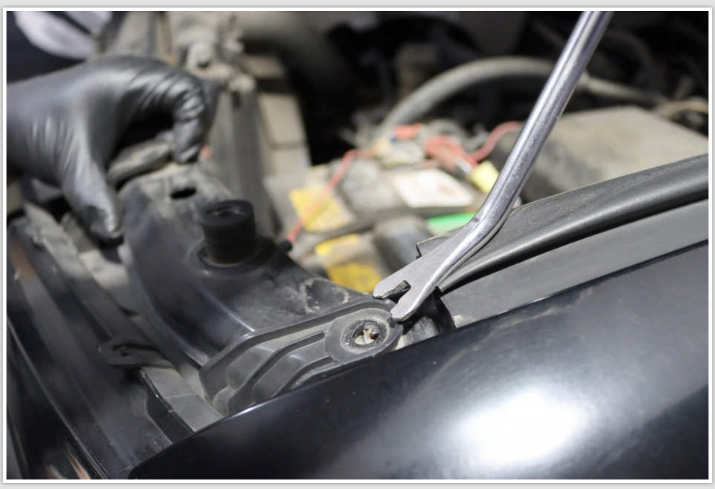


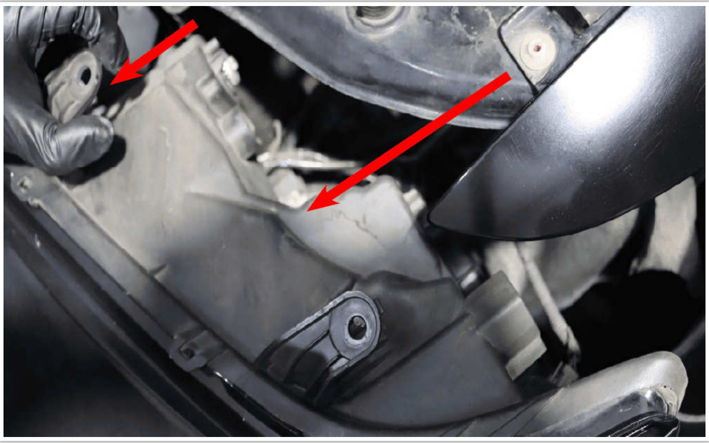




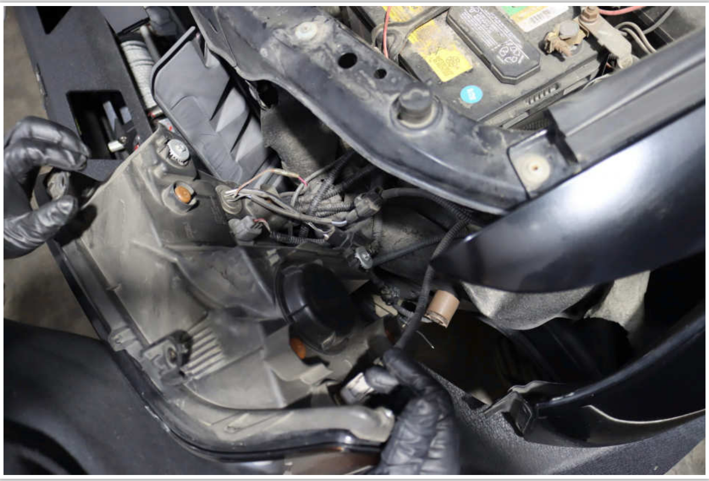
STEP 4 UNPLUG AND REMOVE THE HEADLIGHTS

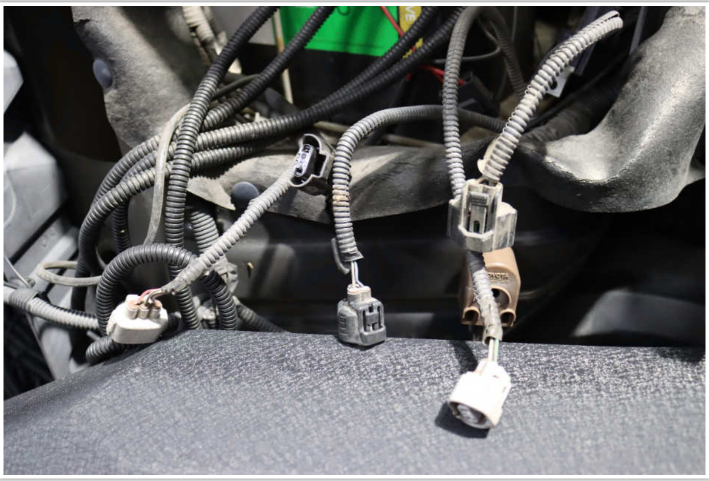
Use panel popper to lift the headlights mounts and pull it outward to release.





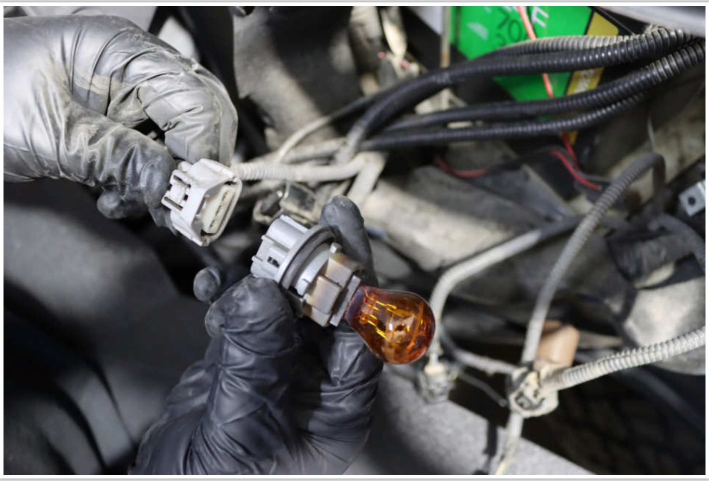
Before removing the headlight, unplug the sockets and the level adjuster socket if equipped.
Please repeat the same steps for the other side of the headlights.

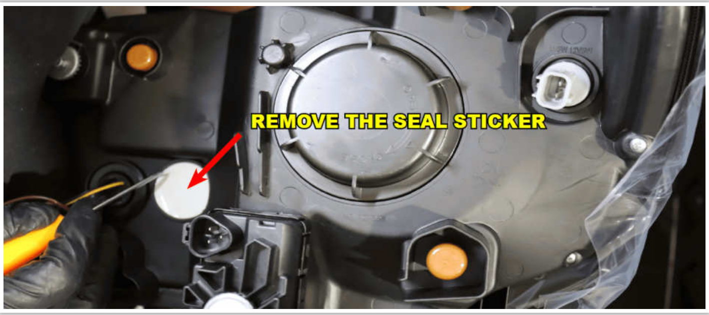


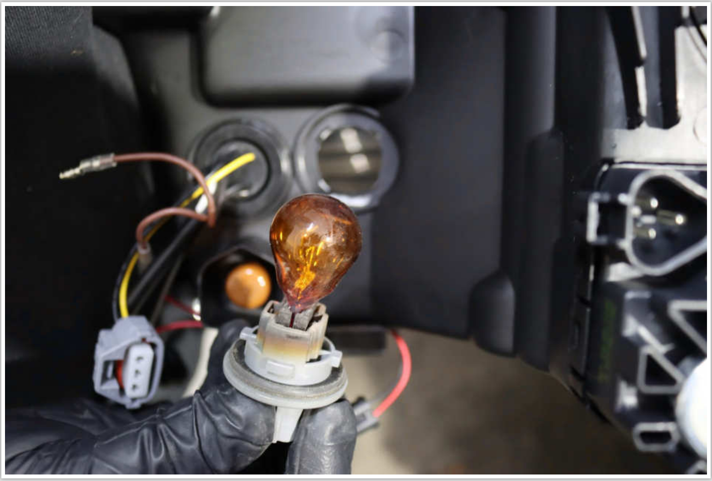


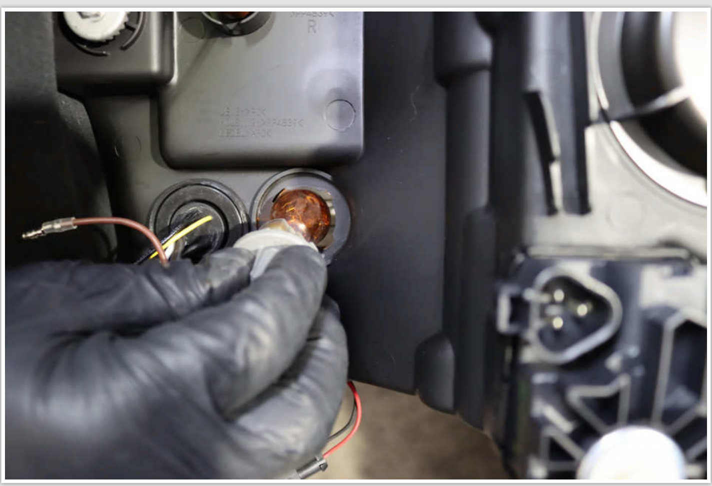
STEP 5 TRANSFER TURN SIGNAL BULB AND THE PLUG

Remove and transfer turn signal bulb plug to the new ALPHAREX headlight.



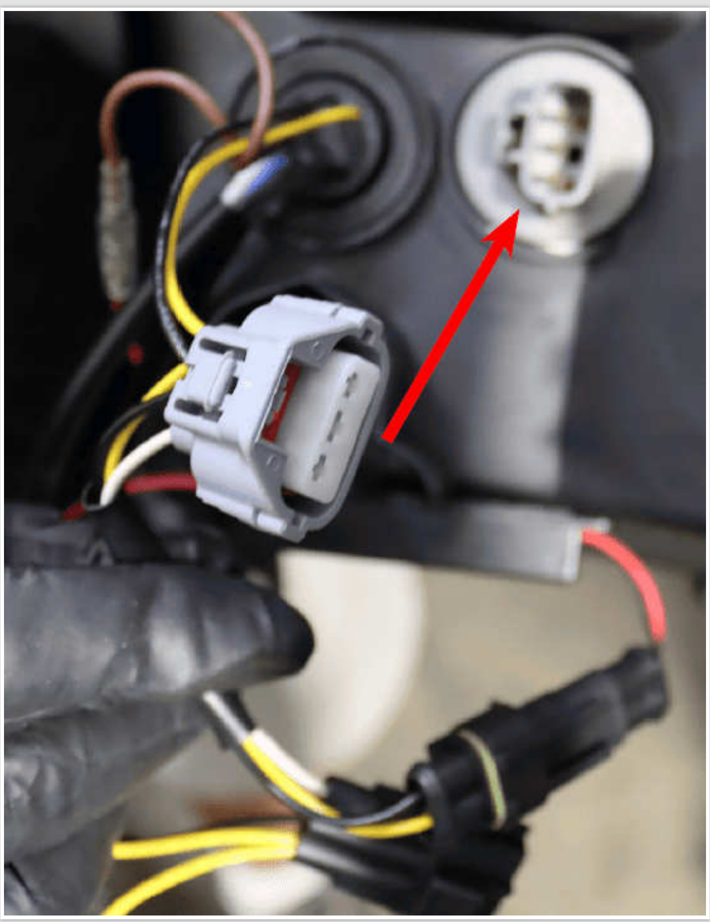


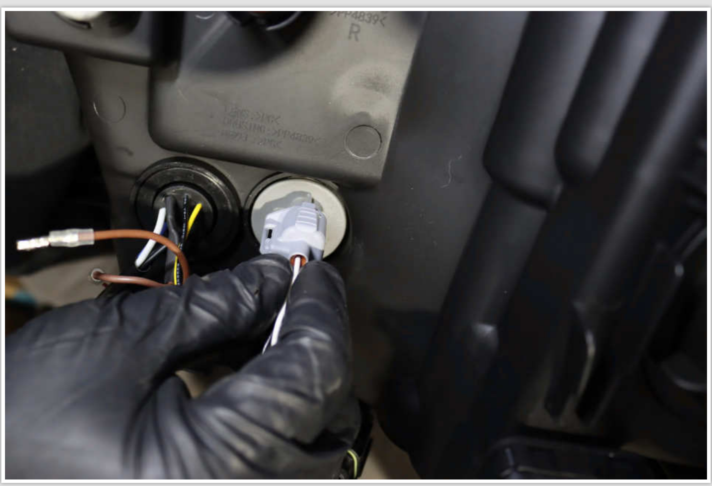


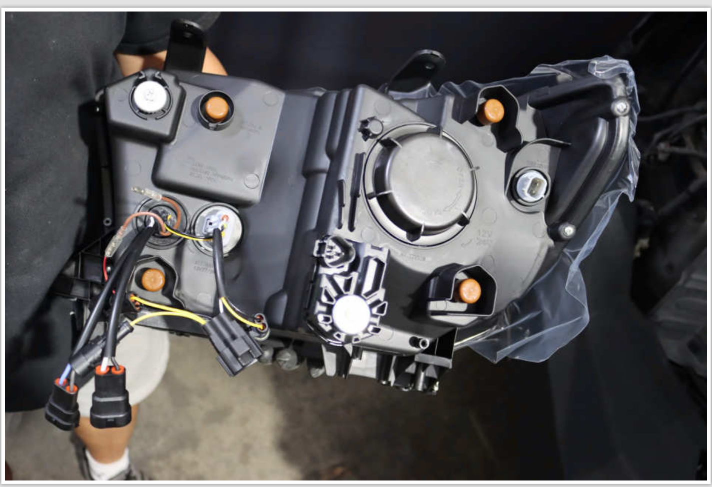


Next, connect the turn signal connector to the transferred plug.

Please make sure both of the headlights are transferred and plugged in order to function properly.







PART II - Install Headlights

STEP 6

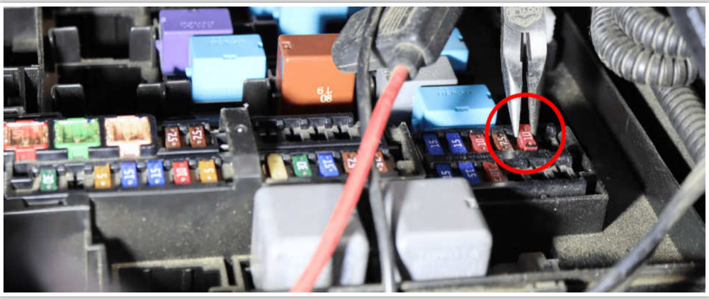
INSTALL ALPHAREX HEADLIGHTS & DRL HARNESS

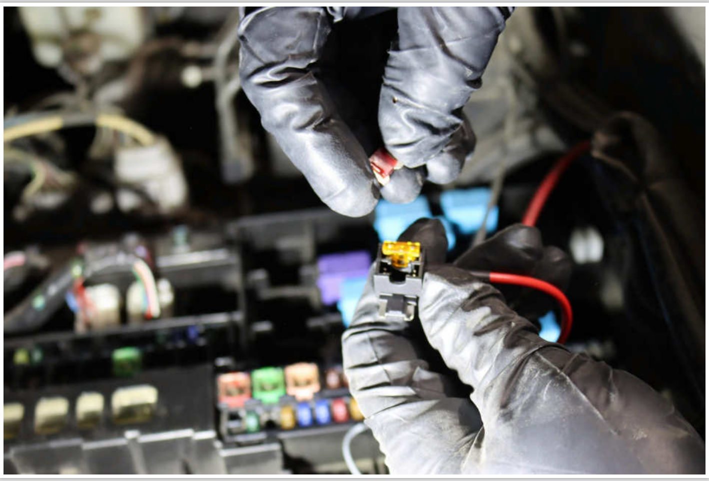
With both headlights disconnected, now it's time to install the DRL harness. You will need to connect the red wire to battery's positive terminal, the black wire to battery's negative terminal or to the 10mm bolt of the fender grounding cable.

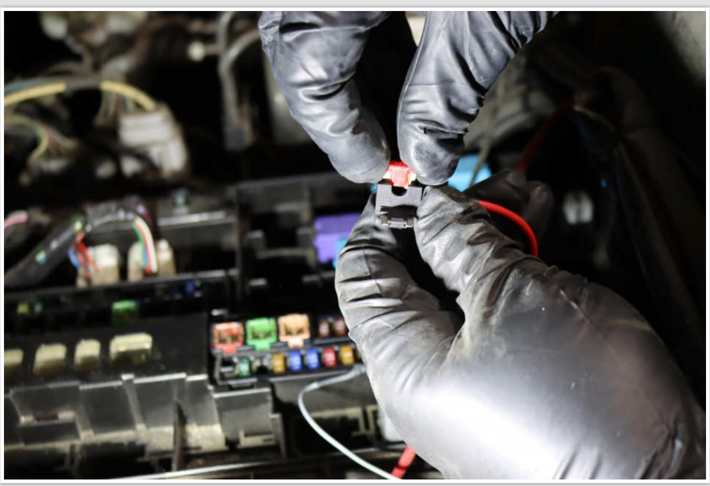
INTERSTATE BATTERIES
Distributed by Costco Wholesale Corporation, 999 Lake Drive, Issaquah, WA 98027
DANGER
POISON
EXPLOSIVE
SULFURIC ACID

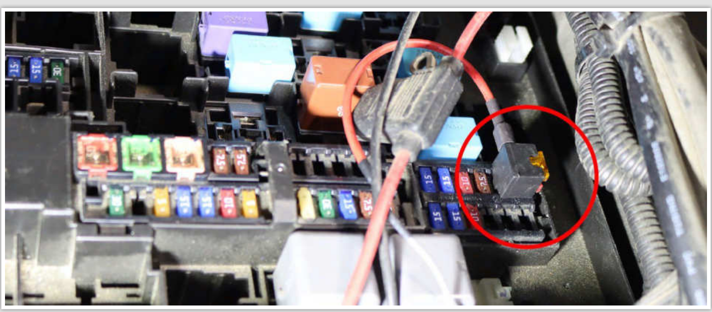
STEP 7 TAP THE FUSE AND ROUTE DRL HARNESS

In order for the DRL to function during the day, you will need to tap the grey wire into your IGN fuse.

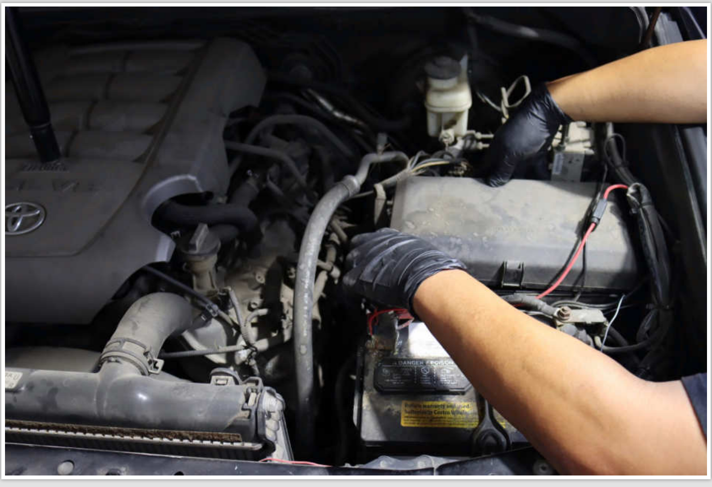


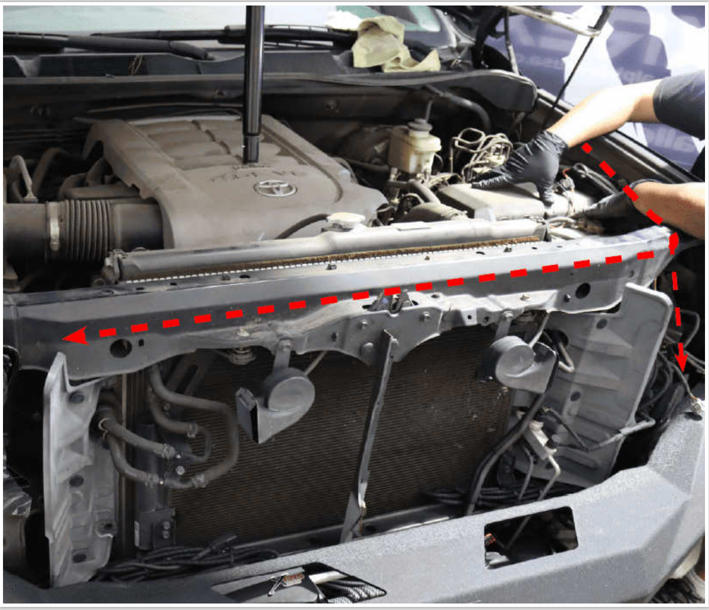






Close the fuse box and start routing the DRL harness to both headlights.

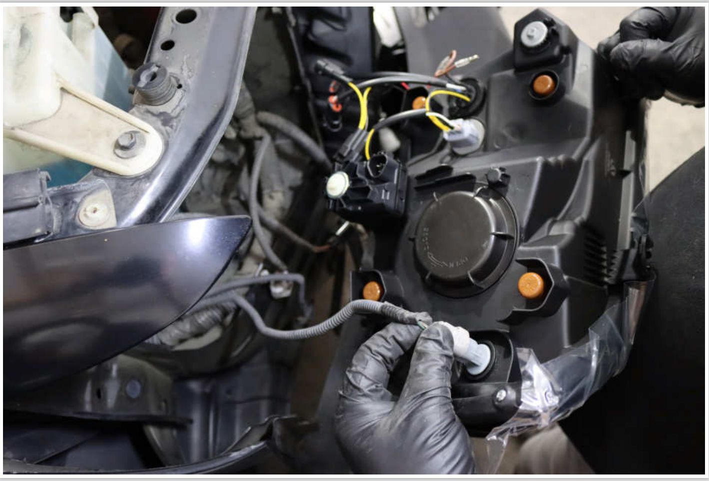


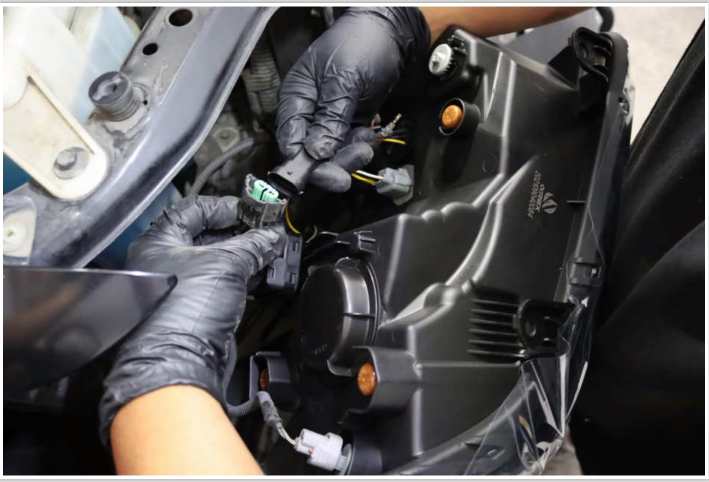


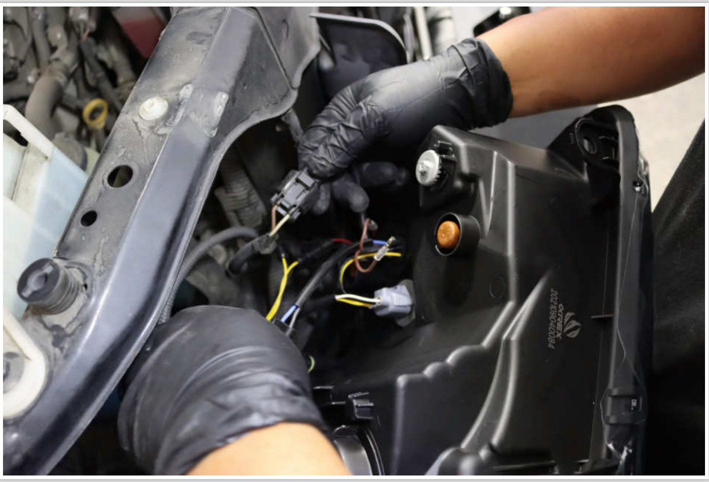
STEP 8 PLUG AND INSTALL HEADLIGHTS

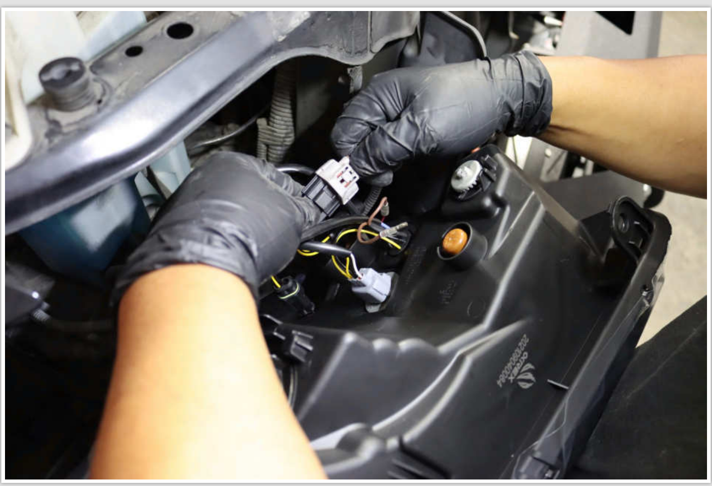
Plug all of the headlight sockets to the new ALPHAREX headlight.

DO NOT USE DIELECTRIC GREASE!

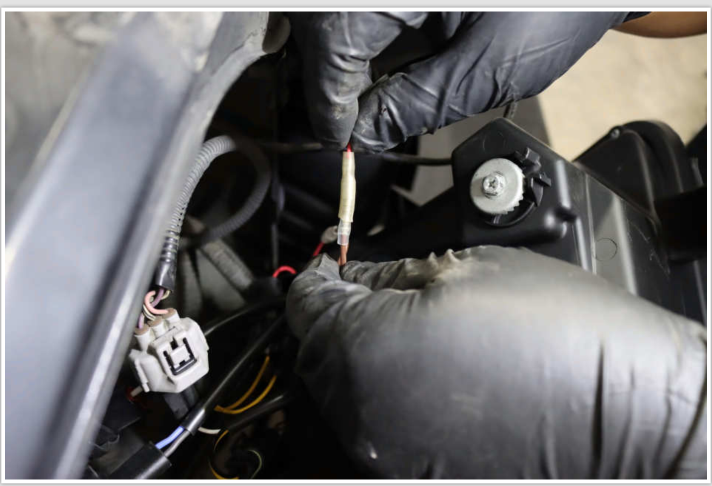


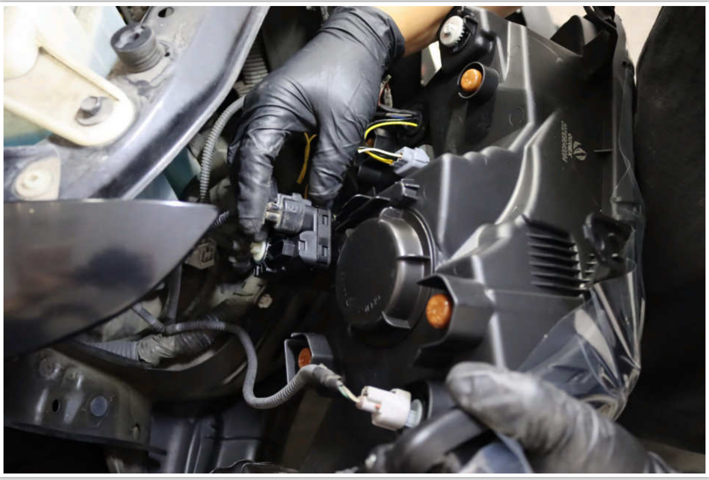


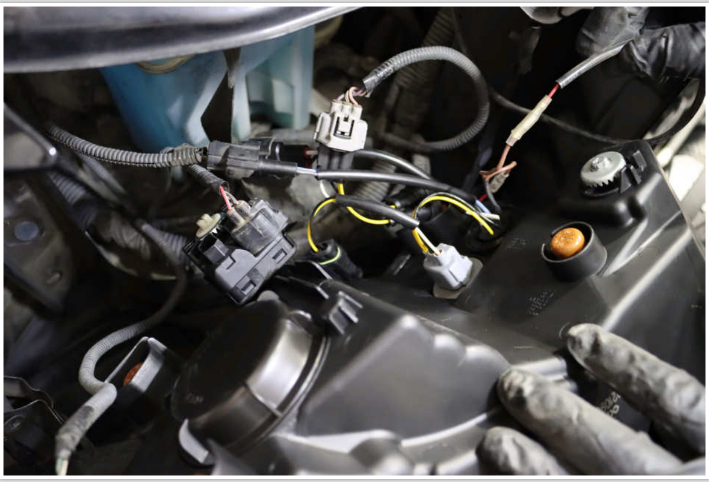




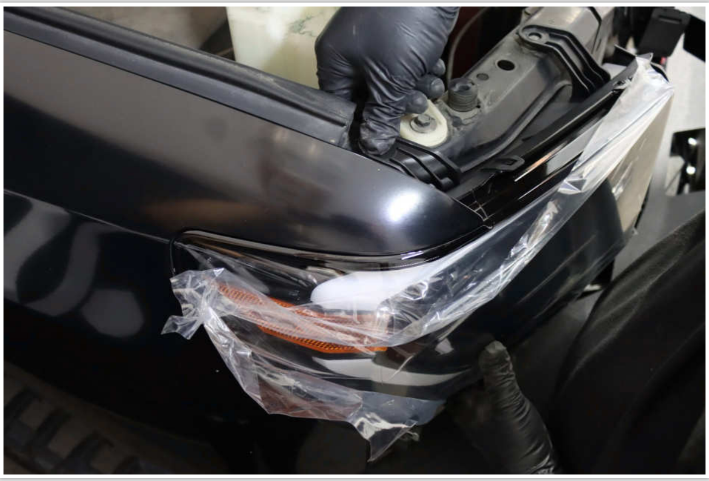
Plug DRL wire and the level adjusted if your vehicle is equipped.
Please follow the same steps for the other side of the headlight.

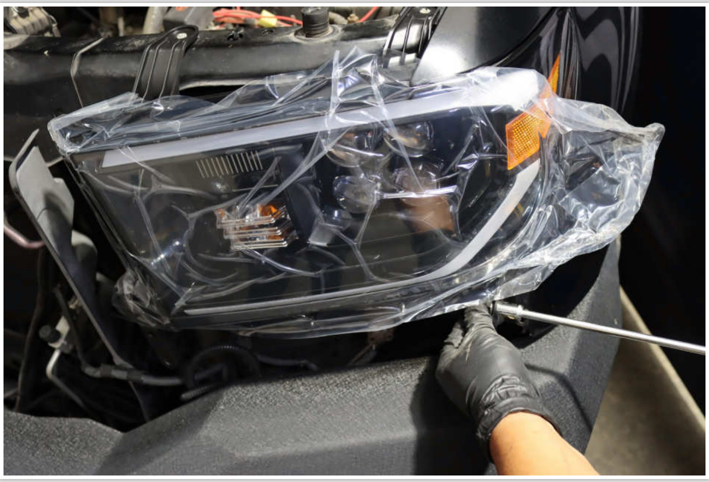


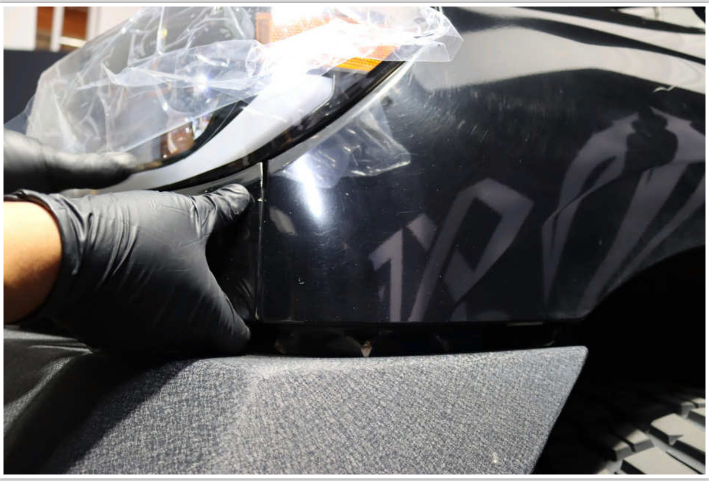




Reverse the headlights removal process to complete installation.

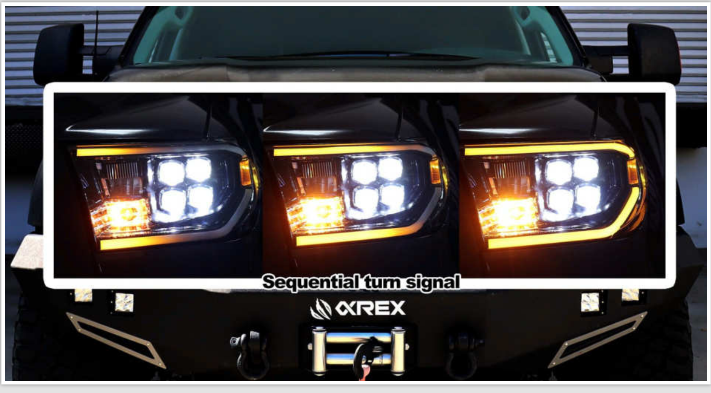


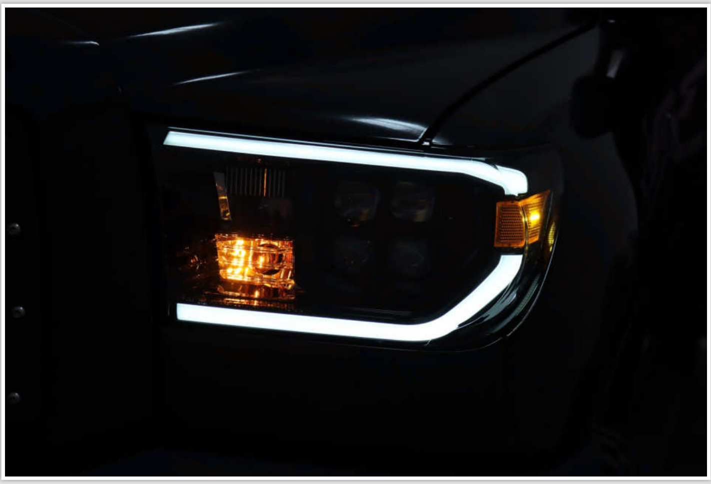




STEP 9 TEST THE HEADLIGHT FUNCTIONS

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





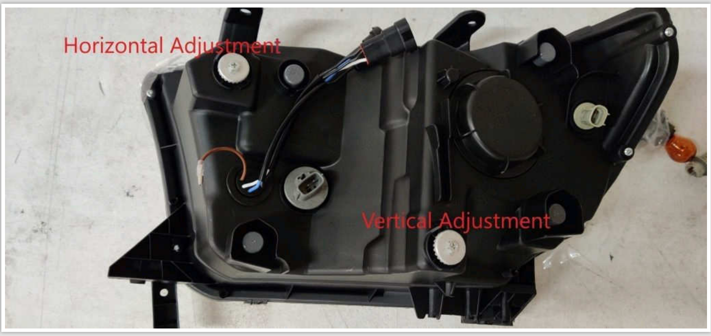
STEP 10 ADJUST HEADLIGHT LEVEL

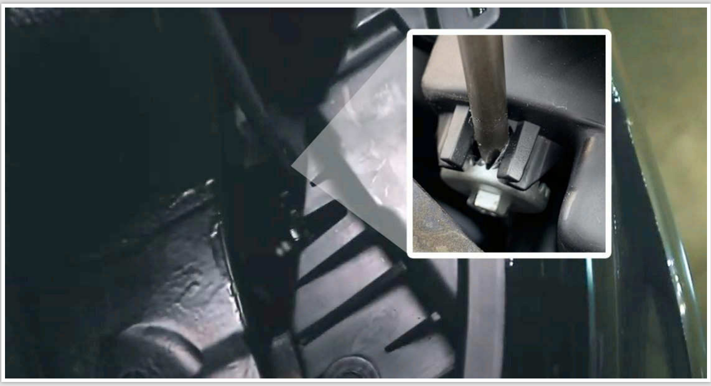
After headlights installation is complete.
You will next aim the headlight at about 25ft against a wall on a level surface.

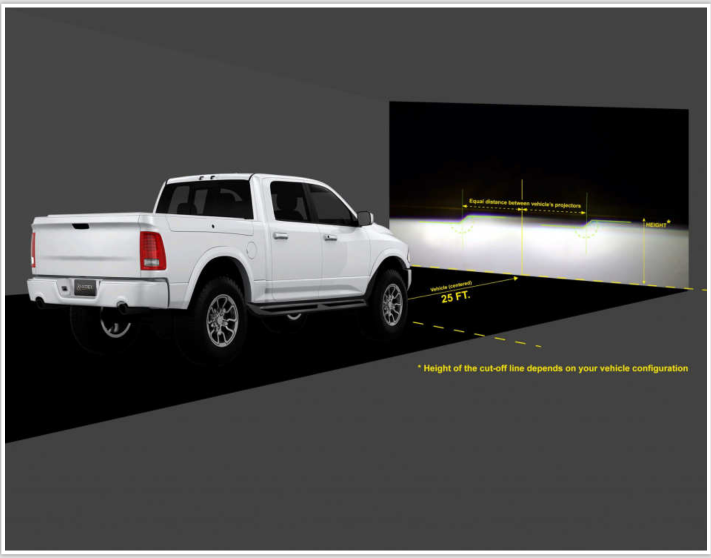
Horizontal adjustment
Clockwise to lower the level
Counterclockwise to raise the level

Vertical adjustment
Clockwise to aim to the left
Counterclockwise to aim to the right

Please follow the same procedure for the other headlight.






Equal distance between vehicle's projectors
HEIGHT*
Vehicle (centered)
25 FT.
* Height of the cut-off line depends on your vehicle configuration

STEP 11 COMPLETE INSTALLATION

Congratulations! you have completed the installation for ALPHAREX 2007-13 Toyota Tundra / 2008-17 Toyota Sequoia Headlights.