Installation Guide for 21-24 Ford Bronco/Bronco Raptor 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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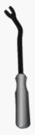
Disclaimer: This installation article is a tutorial guide. By reading this article, you agree it is for reference only and AlphaRex USA and its distributors make no guarantee on the finished results. Under no circumstances whatsoever shall AlphaRex USA nor its distributors be liable for any damage, misuse 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

1/4 Ratchet

Power Tool

NOTE: When using power tools, always ensure that you do not overtighten the screws.


Metal Panel Popper

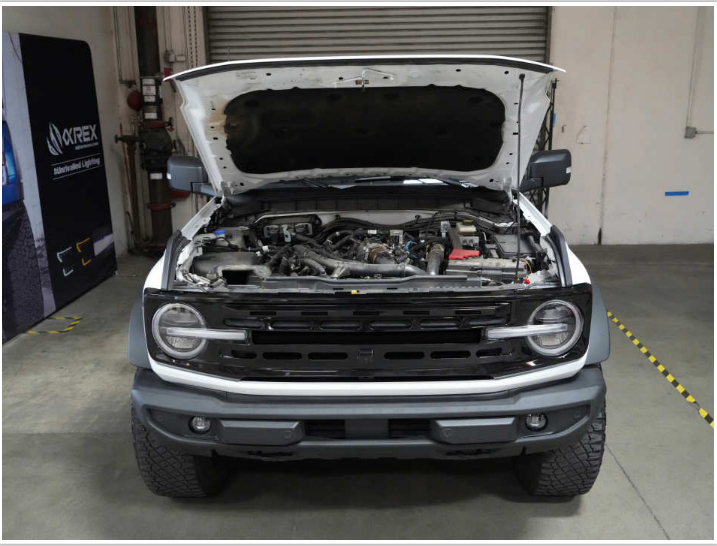
Flat Screwdriver

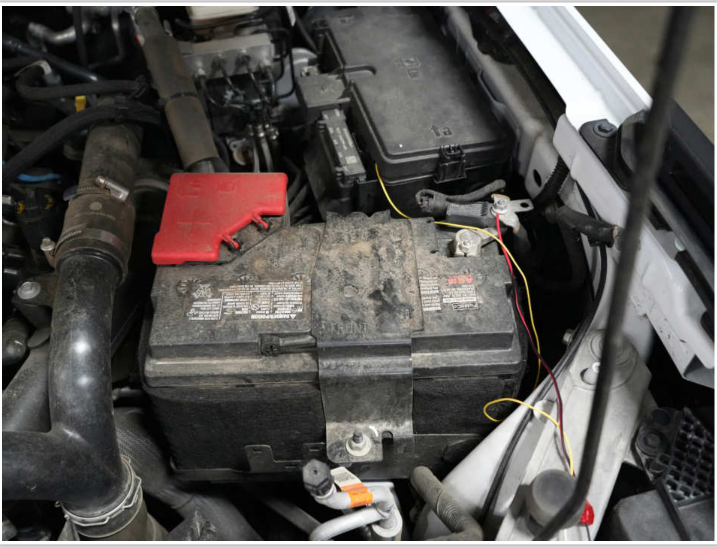
1/4 Extension

PART I - Remove Headlights

STEP 1 DISCONNECTING THE NEGATIVE BATTERY TERMINAL

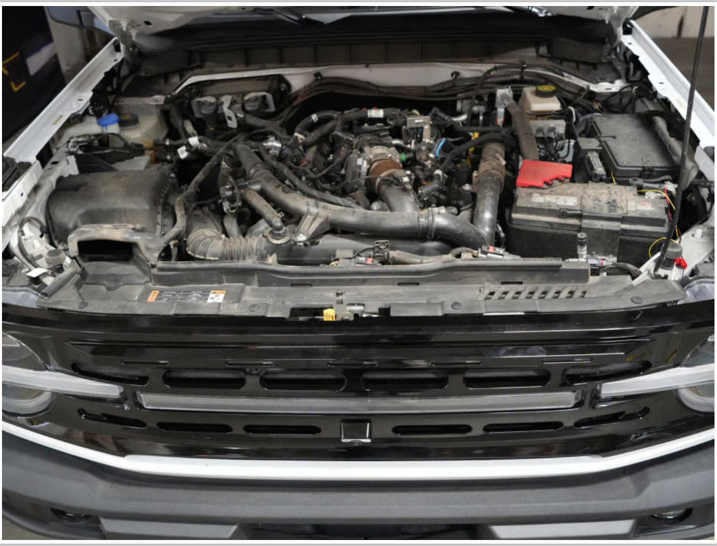
Whenever working on your vehicle, always start by disconnecting the negative battery terminal.

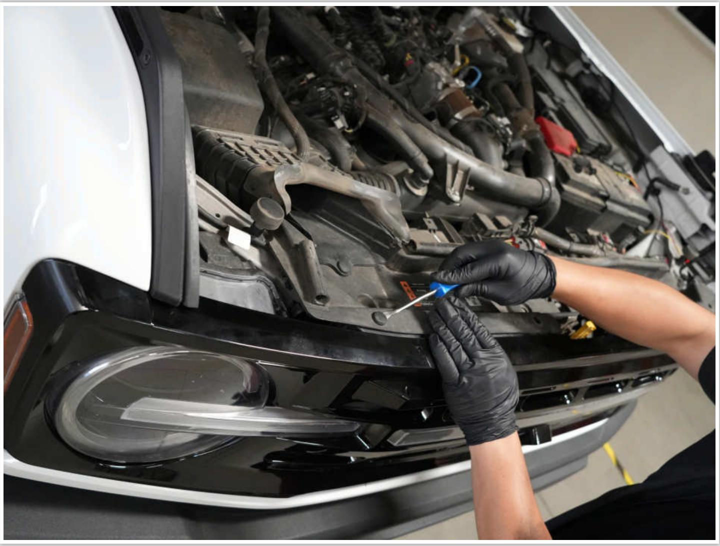


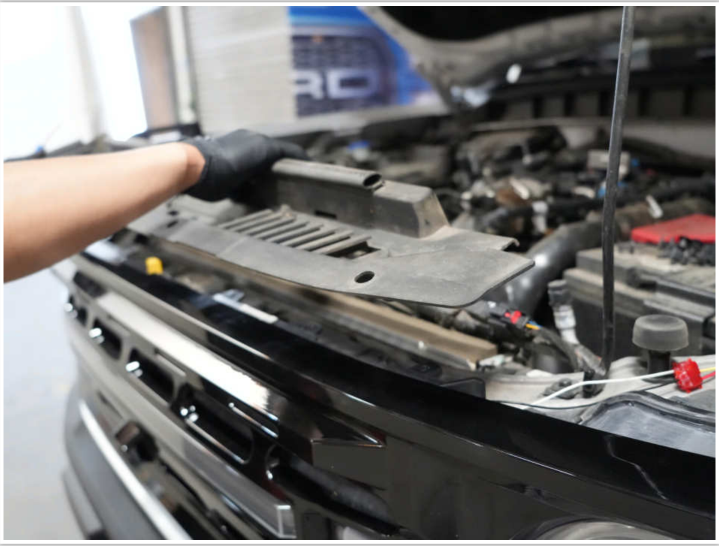


STEP 2 REMOVE THE RADIATOR SHROUD

To begin, carefully detach all the clips securing the top plastic radiator shroud. Once the clips are removed, take off the shroud and set it aside for reinstallation at a later stage.

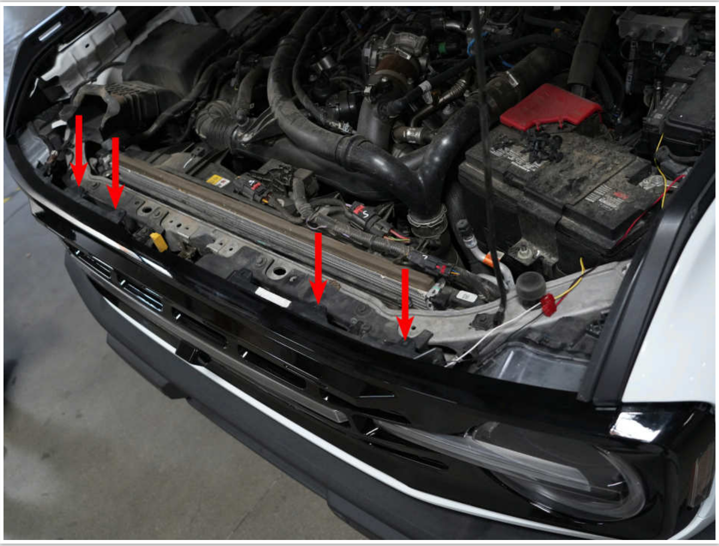


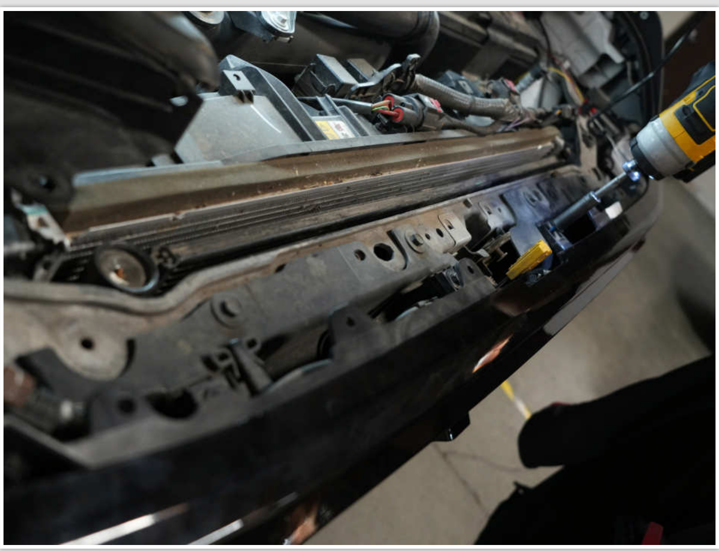




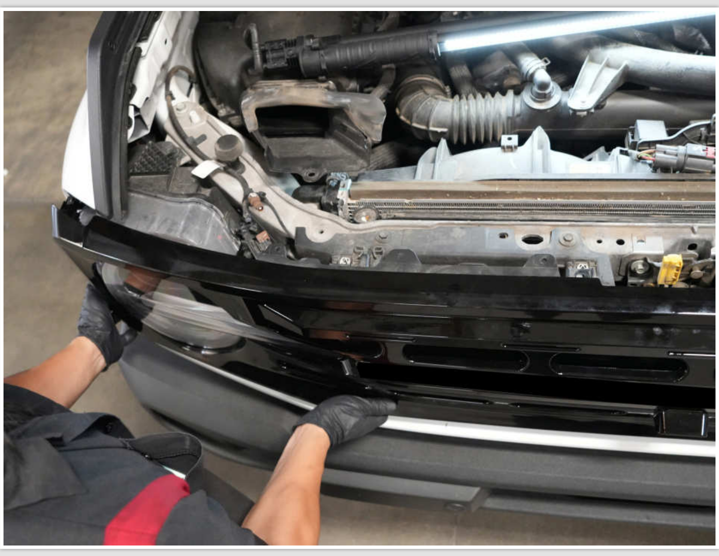
STEP 3 REMOVE THE GRILLE

Unscrew the four 10mm bolts that secure the grille.



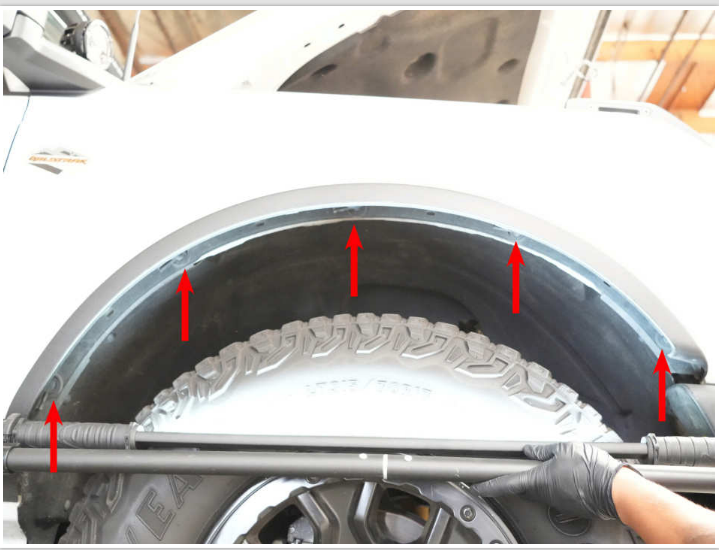


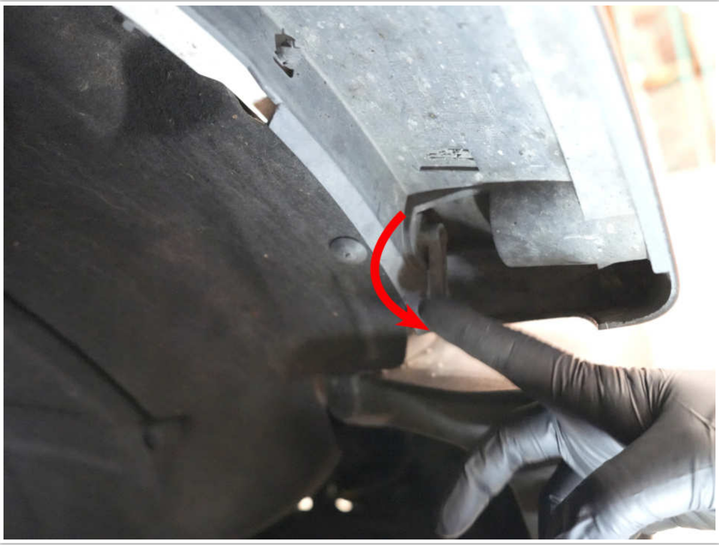
Gently pull the grille outward to remove it and set it aside for later reinstallation.

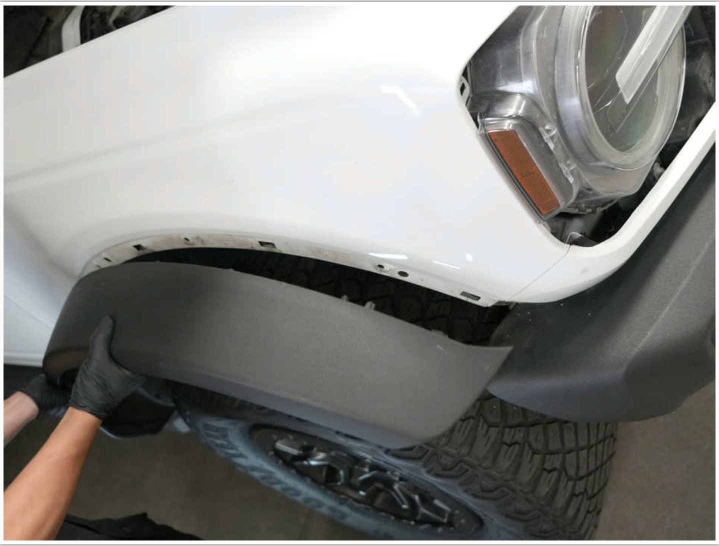


STEP 4 REMOVE THE FENDER FLARES

First, remove the turning lock tabs to detach the fender flares. Then, carefully pull the fender flare outward to remove it. Repeat the same steps for the other side.

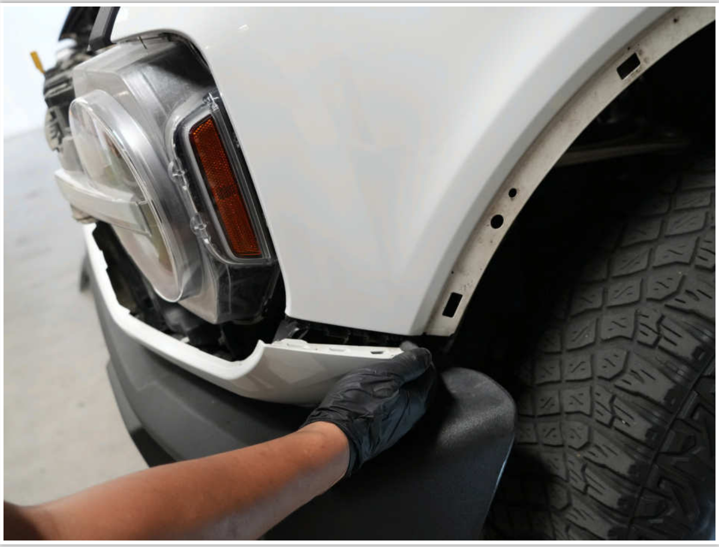


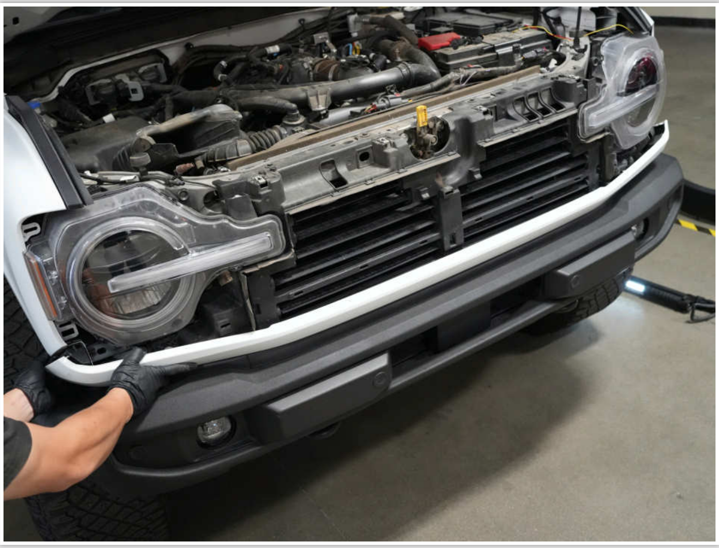


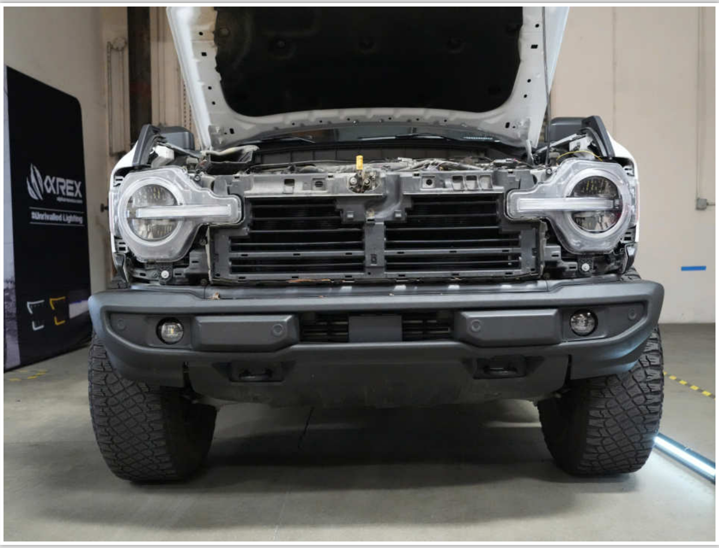


STEP 5 REMOVE THE CENTER TRIM PIECE

To remove the center trim piece, gently pull outward from the side to release it from the mounting, and set it aside for later reinstallation.

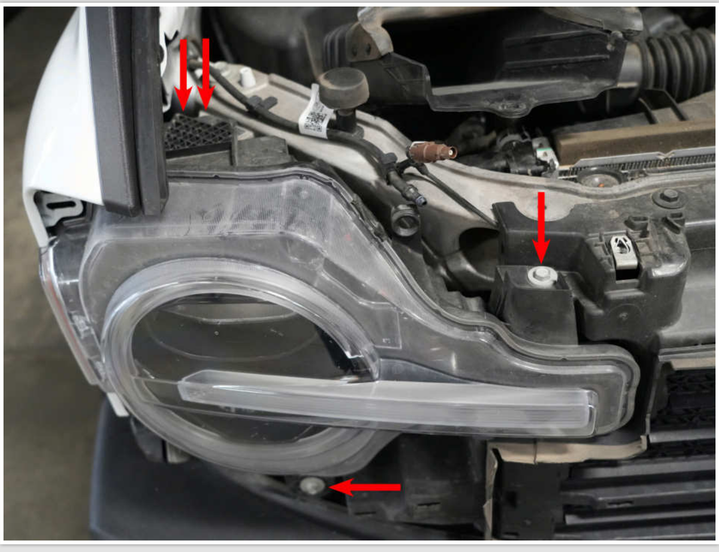


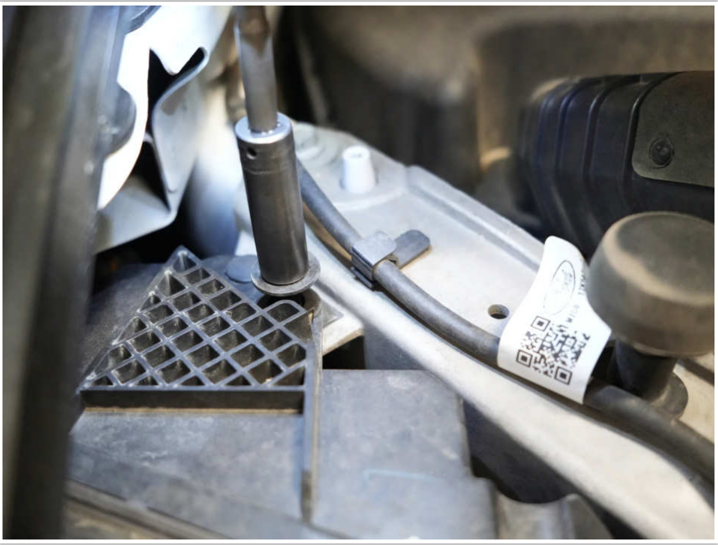


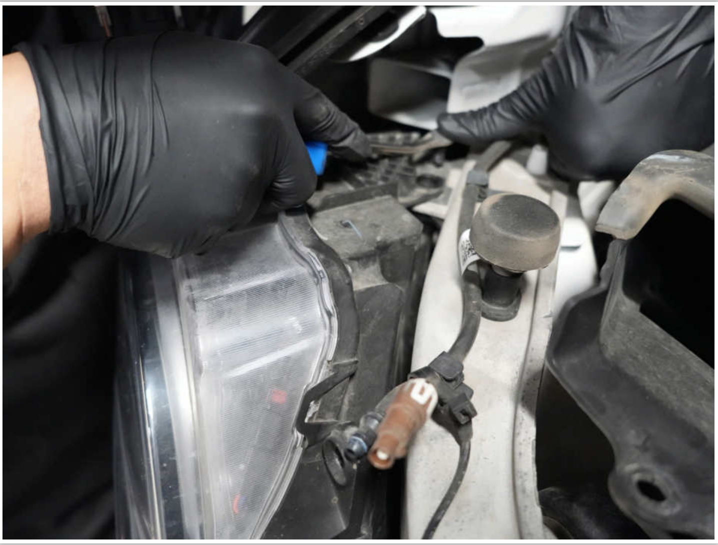


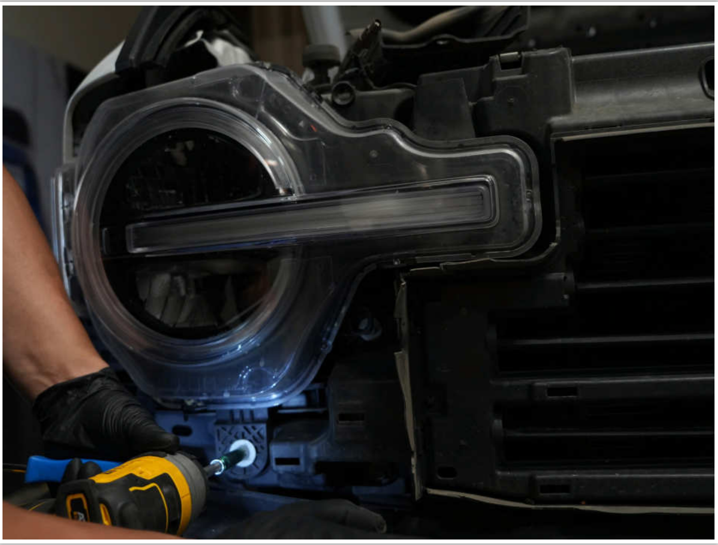
STEP 6 REMOVE THE HEADLIGHTS

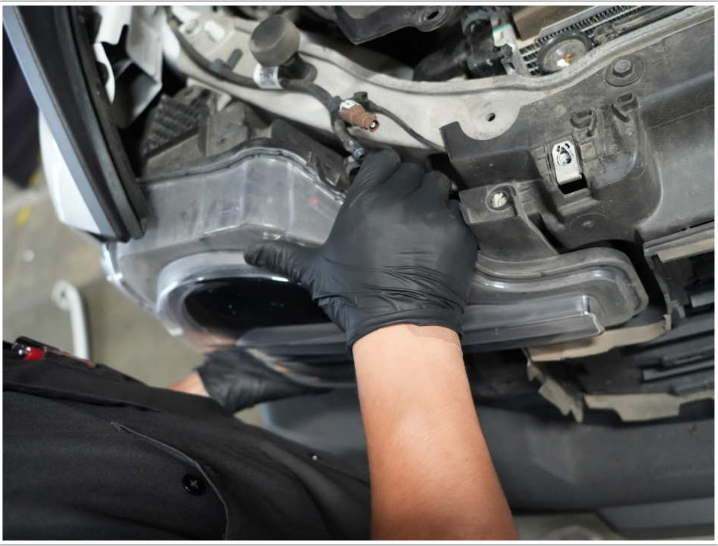
Remove the two 10mm bolts and the push-in pin from the top of the headlight, and the 8mm bolts from the bottom of the headlight.



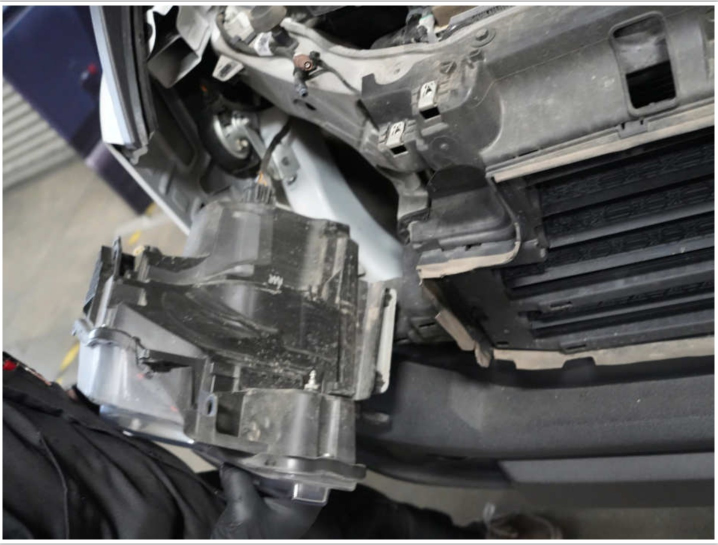


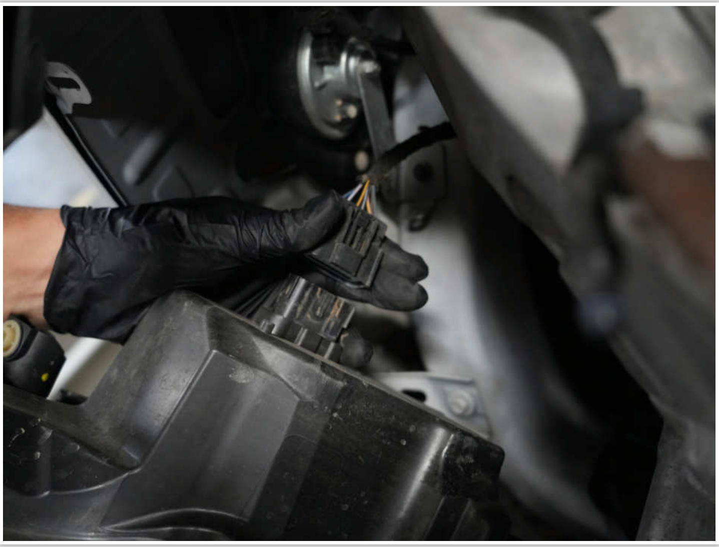






Carefully pull the headlight outward to release it from the mounting and unplug the headlight connector from the vehicle. Repeat the same steps for the other side.



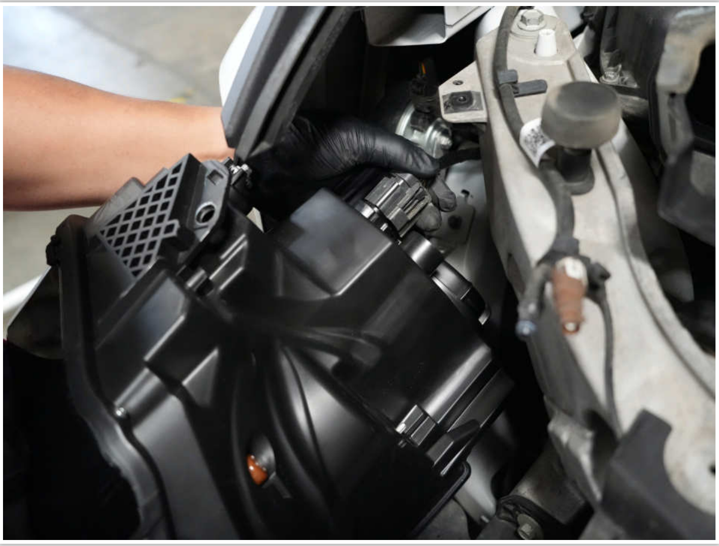


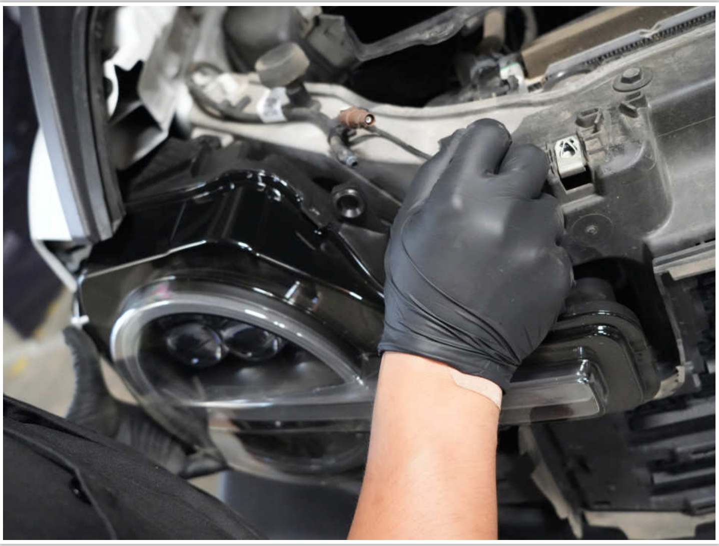
PART II - Install Headlights

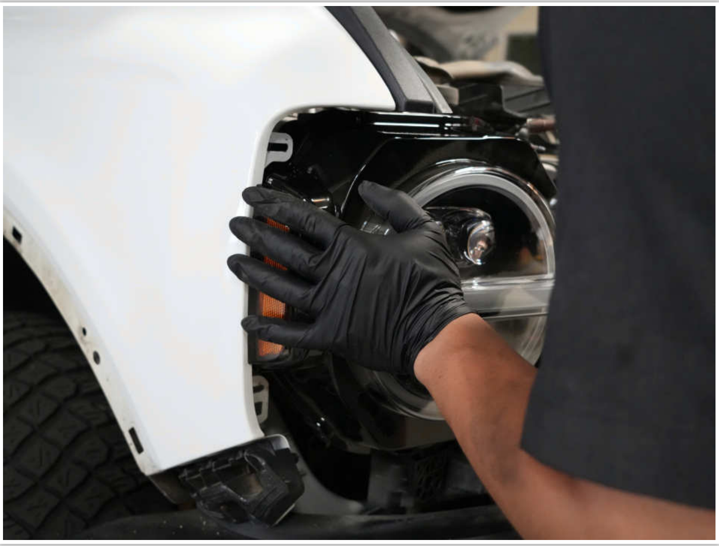
STEP 7 **INSTALL ALPHAREX HEADLIGHTS**

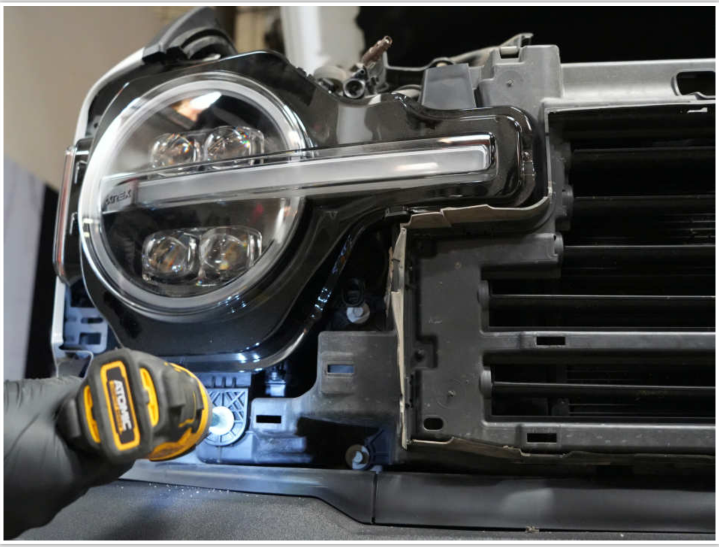
Connect the vehicle's headlight connector to the new ALPHAREX headlight. Then, proceed to install the headlight onto the vehicle.

DO NOT USE DIELECTRIC GREASE!

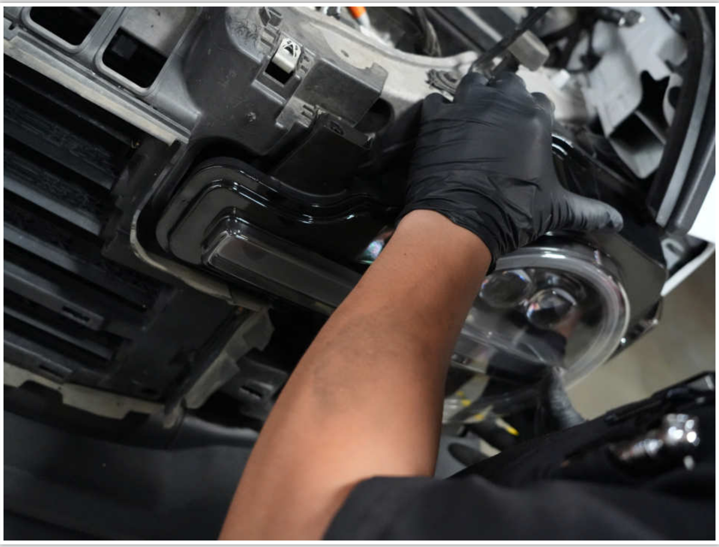


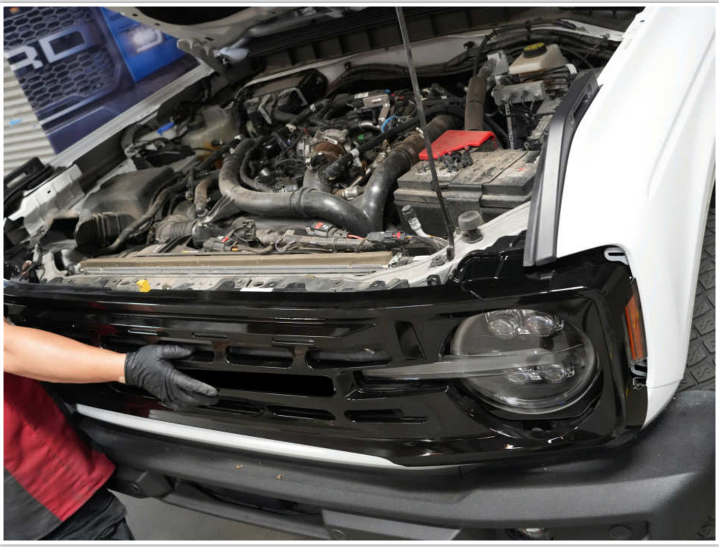






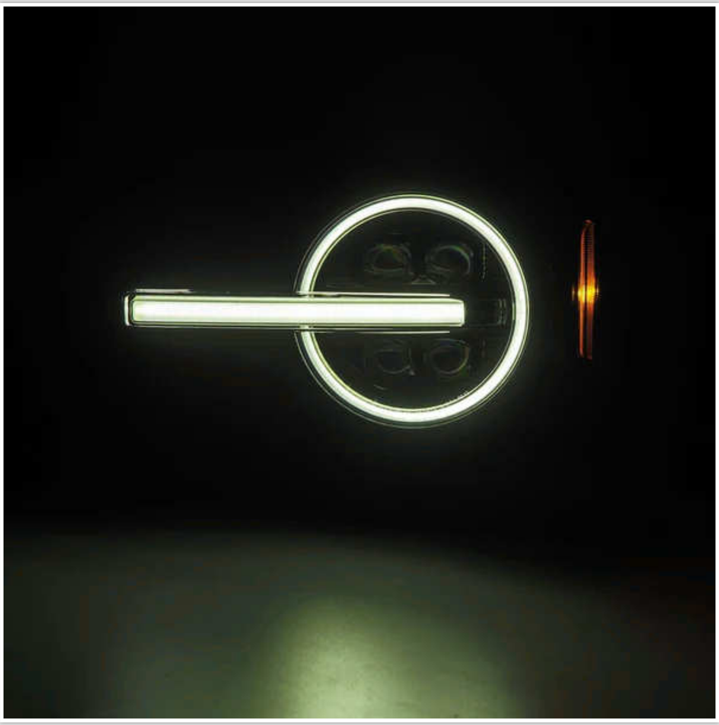
Proceed with the same steps to install the headlight on the other side. To complete the installation, follow the reverse of the removal process to reinstall the other parts back into the vehicle.

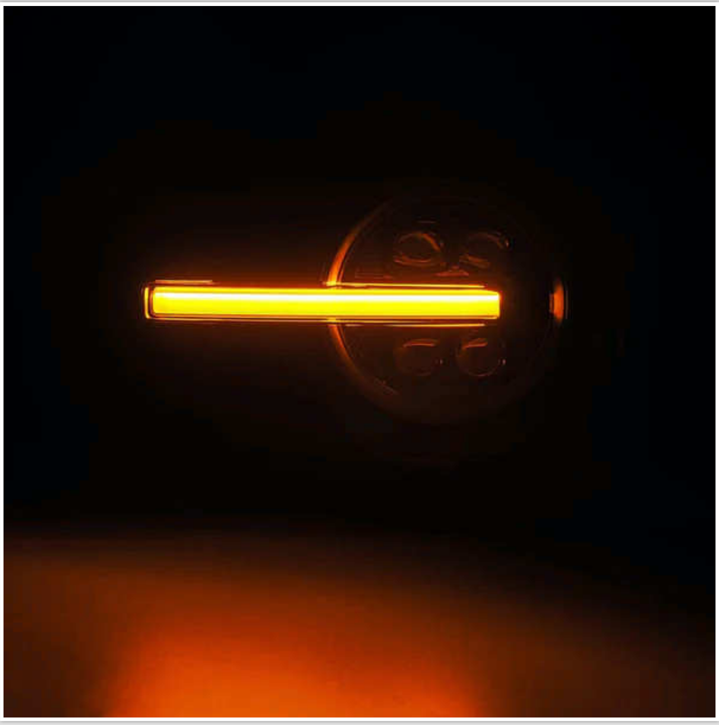




STEP 8 **TEST THE HEADLIGHT FUNCTIONS**

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



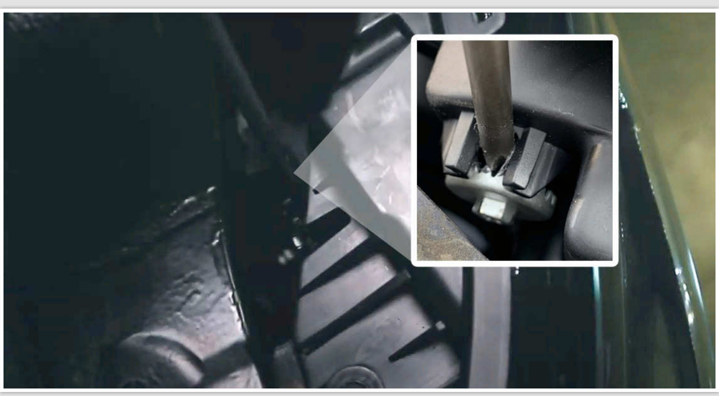


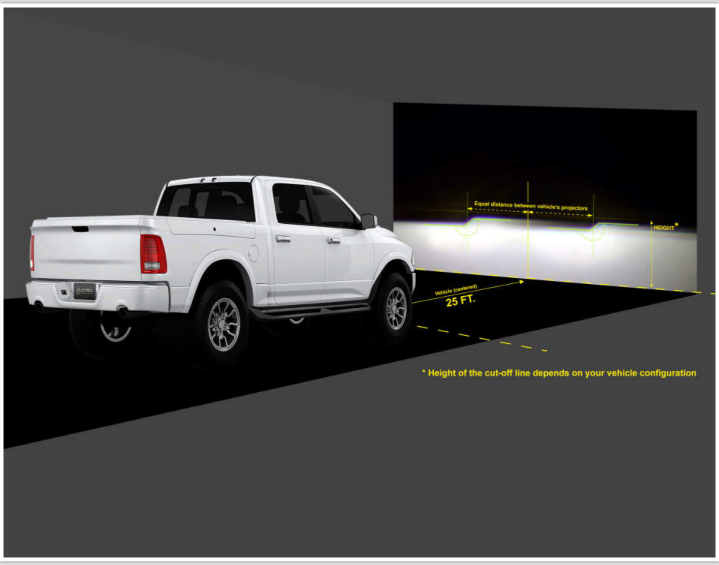
STEP 9 **ADJUST HEADLIGHT LEVEL**

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

Turn clockwise: to lower the light

Turn counterclockwise: to raise the light




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

STEP 10 **COMPLETE INSTALLATION**

Congratulations! You have completed the installation for ALPHAREX **21-24 Ford Bronco | 22-24 Bronco Raptor HEADLIGHTS.**