

Installation Guide for 20-22 Ford Super Duty Headlights

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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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INSTALLATION TOOLS



Pick Tools



1/4 Ratchet



Metal Panel Popper



Flat Screwdriver

Torx Screwdriver



1/4 Extension



Socket

Size NEEDED

10

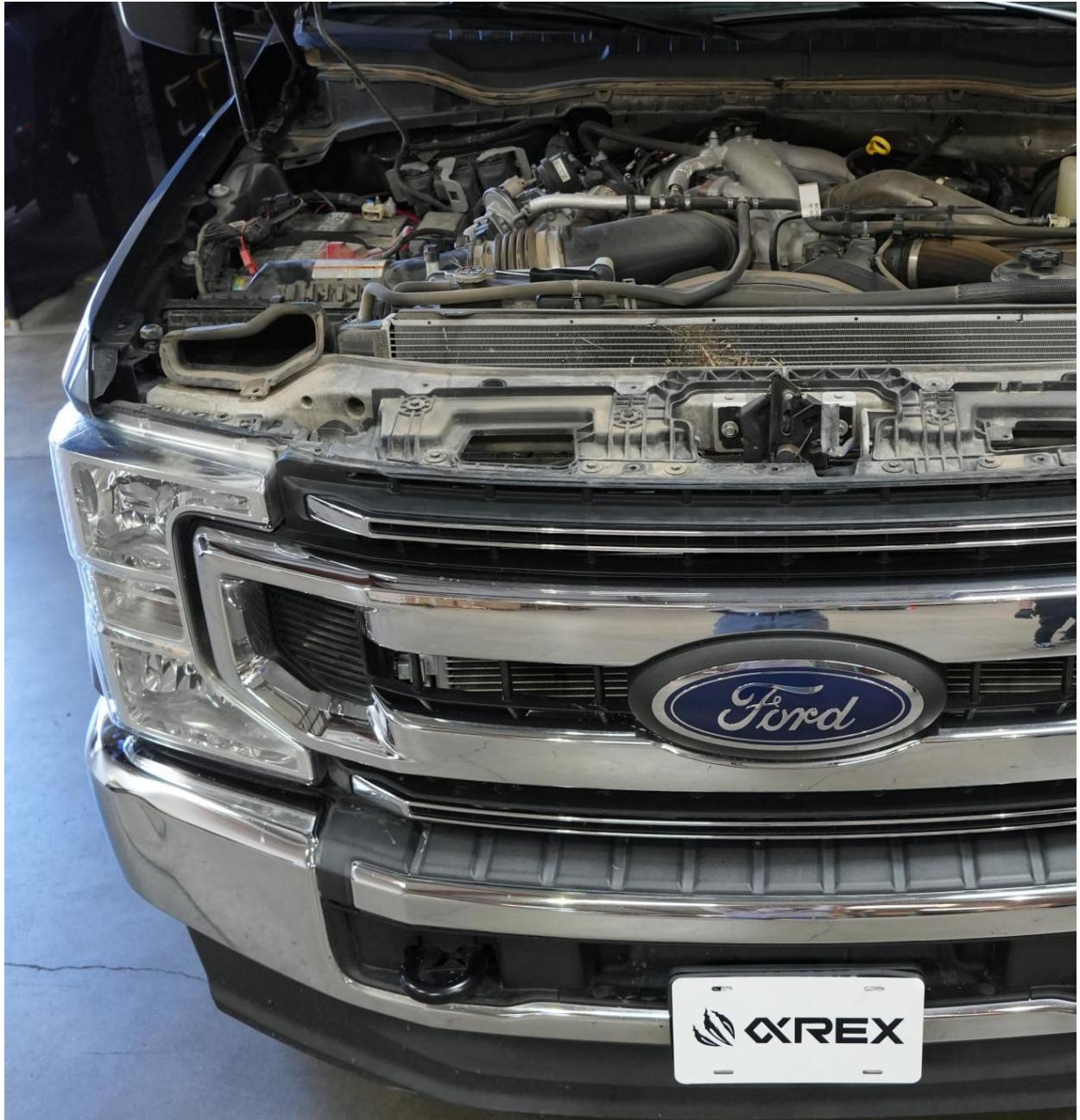
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PART I - Remove Headlights

DISCONNECTING THE NEGATIVE BATTERY TERMINAL

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





REMOVE THE RADIATOR SHROUD

Utilize a panel popper to begin the process of removing the plastic push pins that are securing the radiator shroud in place.









REMOVE THE GRILLE

Unscrew and remove the six 10mm bolts located on the top of the grille.





Next, remove the 10mm bolts securing the grille from behind, located on each side of the grille.





Use a flat screwdriver to assist in removing the plastic covers on each bottom side of the grille, providing access to the 10mm bolts securing the lower part of the grille. Then, remove those bolts.









Subsequently, gently pull the grille outward towards you to disengage it from all the mounting points and remove the front grille.





REMOVE THE HEADLIGHTS

Remove the two 10mm bolts that secure the headlight from the top.





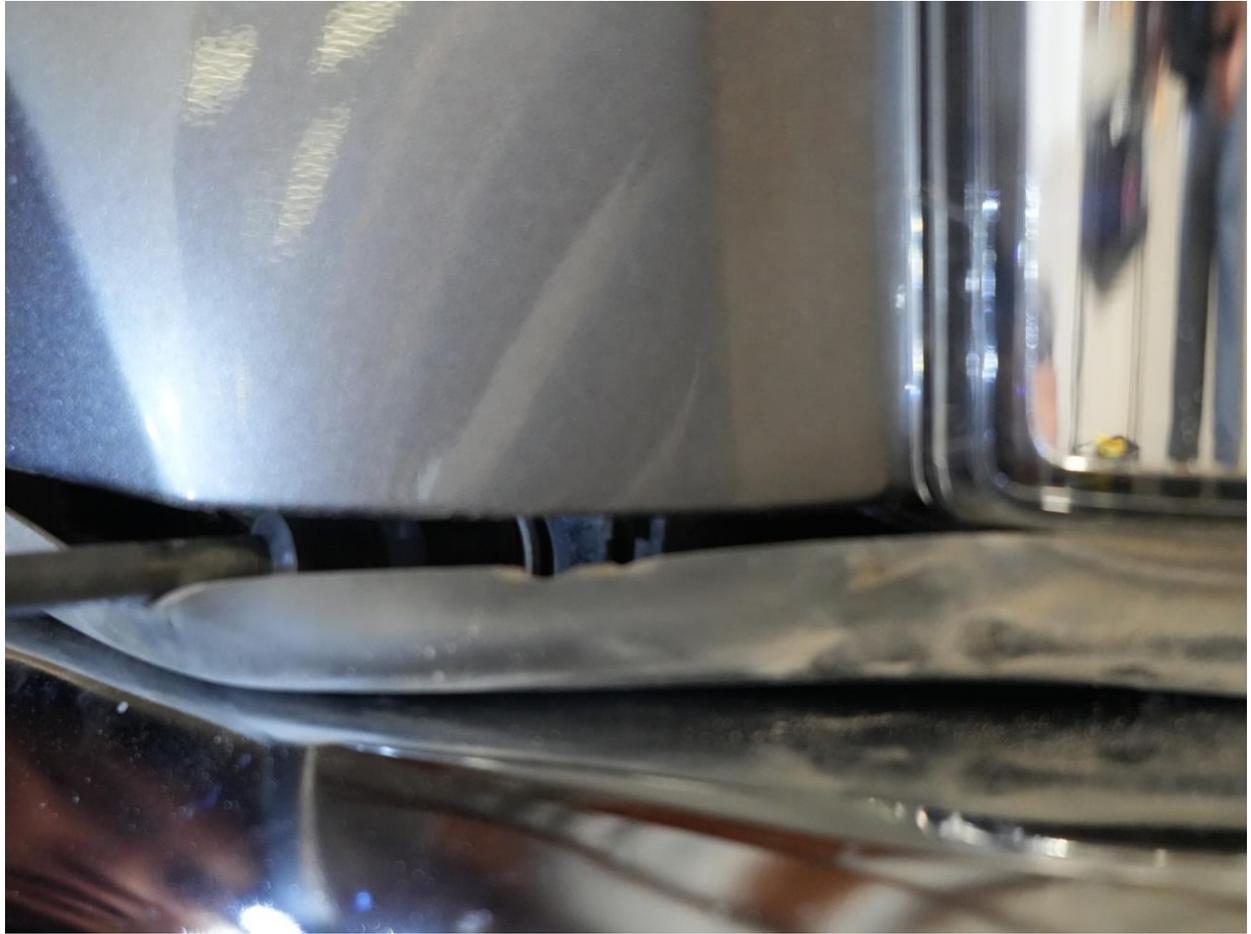


Next, there is another 10mm bolt securing the headlight assembly from the lower part of the headlight. To access it, you'll need to loosen the front bumper on each side to create enough space to reach the bolt.



Utilize an extension to assist in removing the 10mm bolt from the lower side of the headlight, located inside the front fender and bumper mounts. Repeat these steps for the other side of the headlight.







Carefully pull the headlight assembly outward to detach it from the mounting.



Disconnect all the headlight sockets and remove the headlight from the vehicle.









Repeat these steps for the other

headlight.



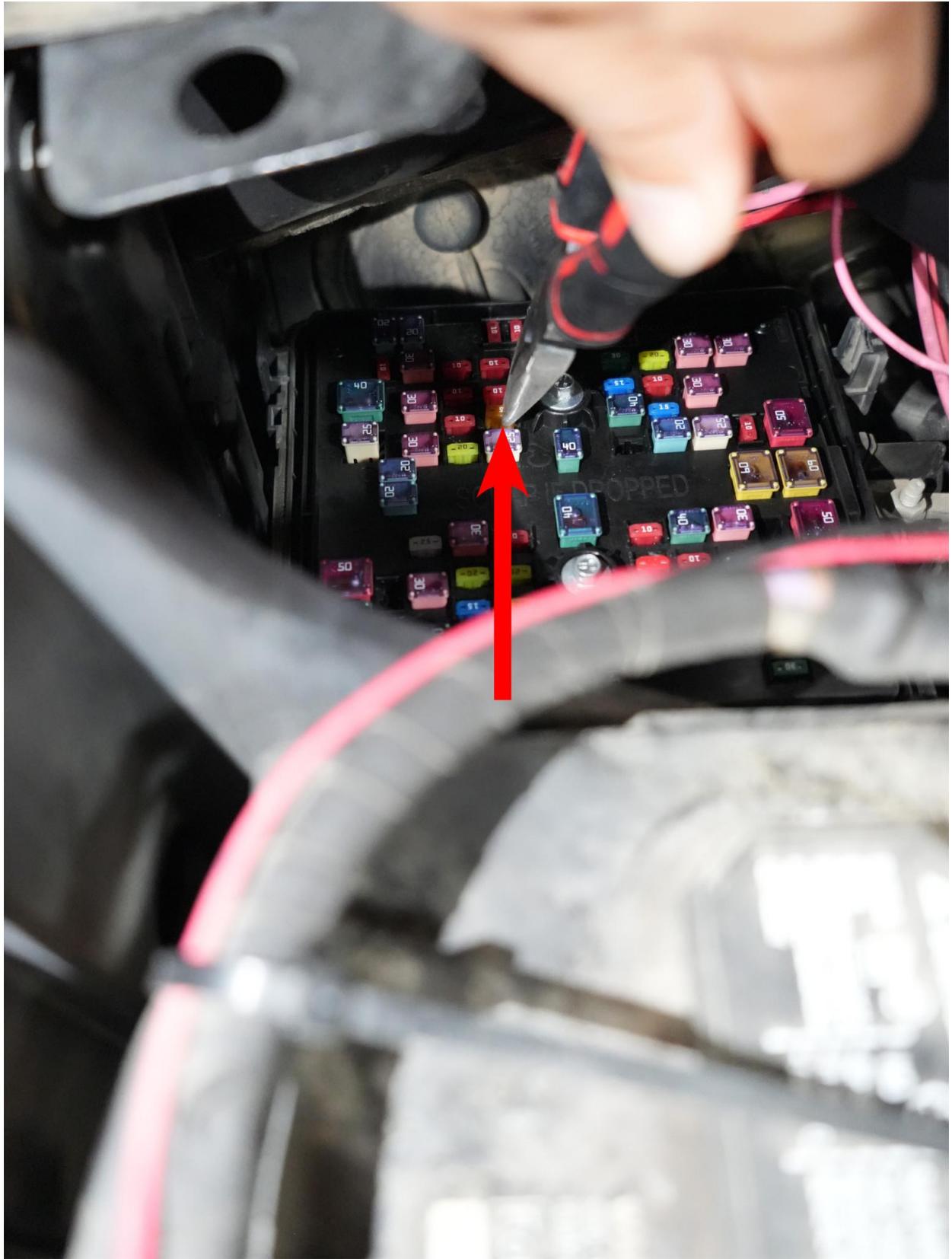
PART II - Install Headlights

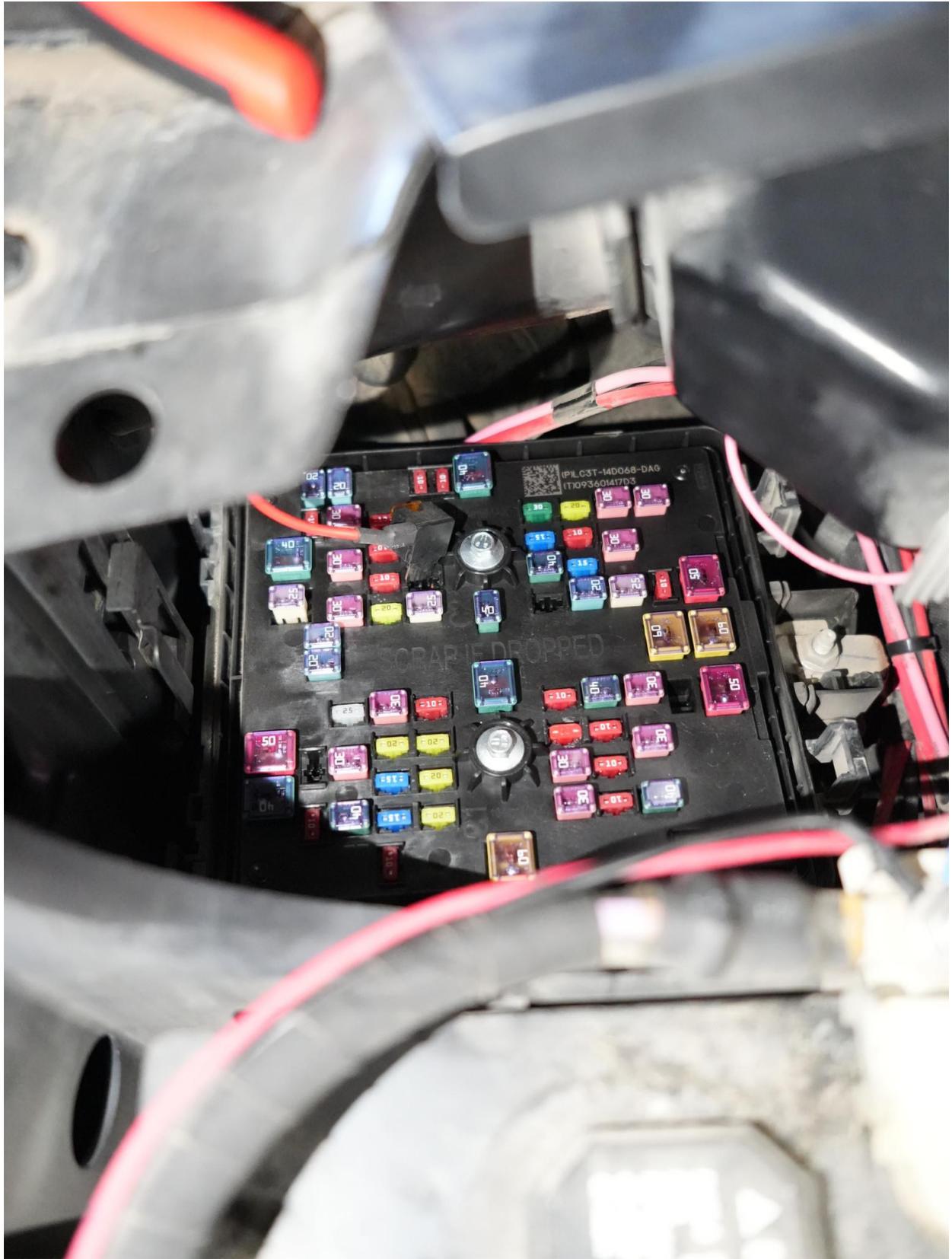
ROUTE THE DRL HARNESS

Start the routing of the DRL wires from the passenger's side, which is nearest to the battery and fuse box. Connect the red wire to the battery's positive terminal and the black wire to either the battery's negative terminal or the 10mm bolt on the firewall.







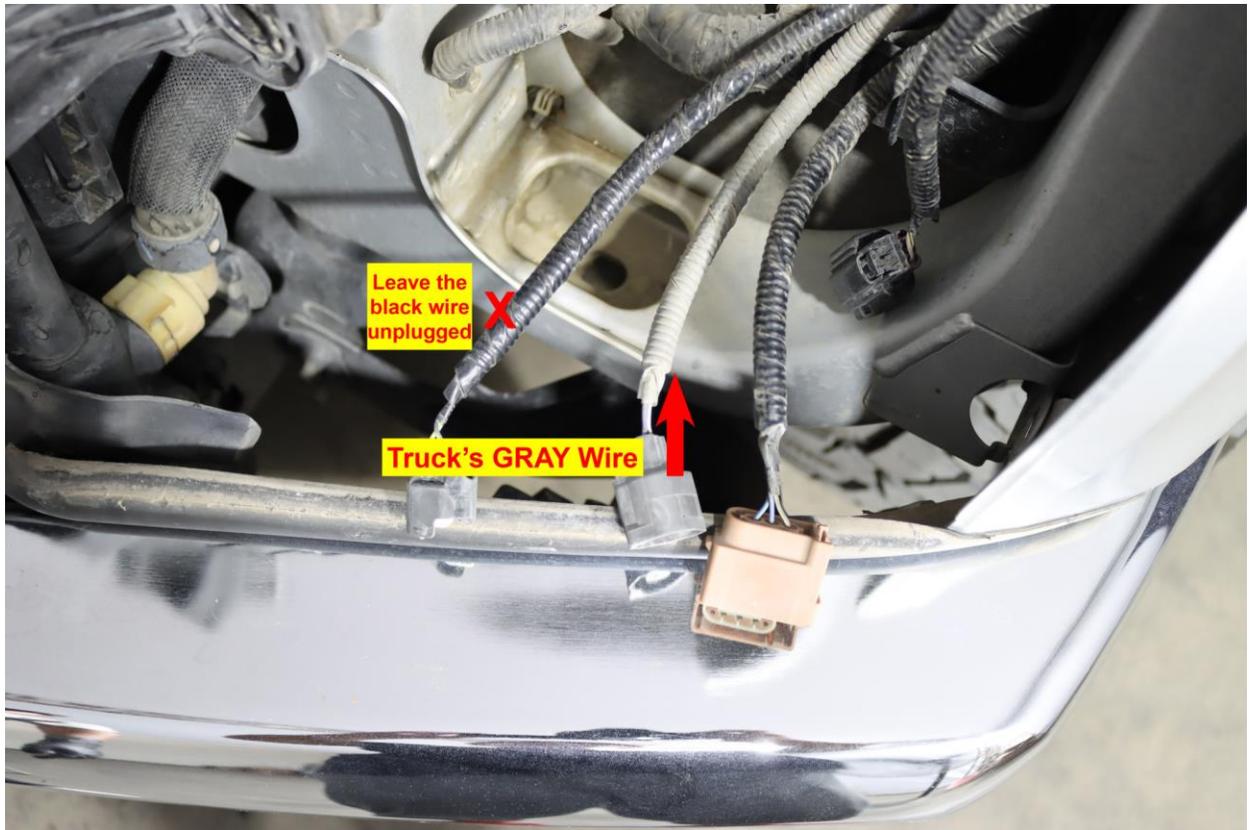




X
Leave the
gray wire
unplugged

Truck's BLACK Wire













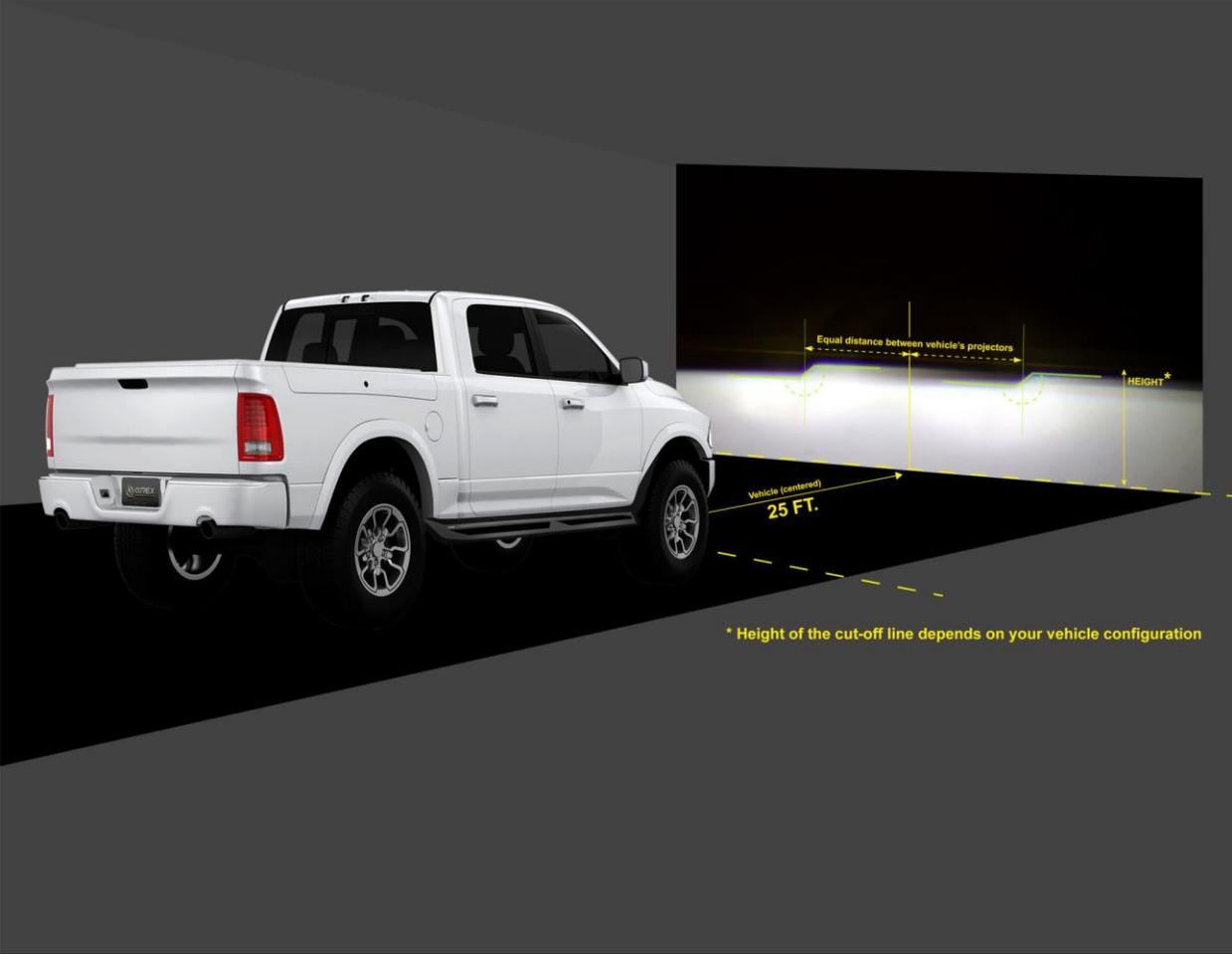




















Guide the DRL wires to both sides of the headlights.

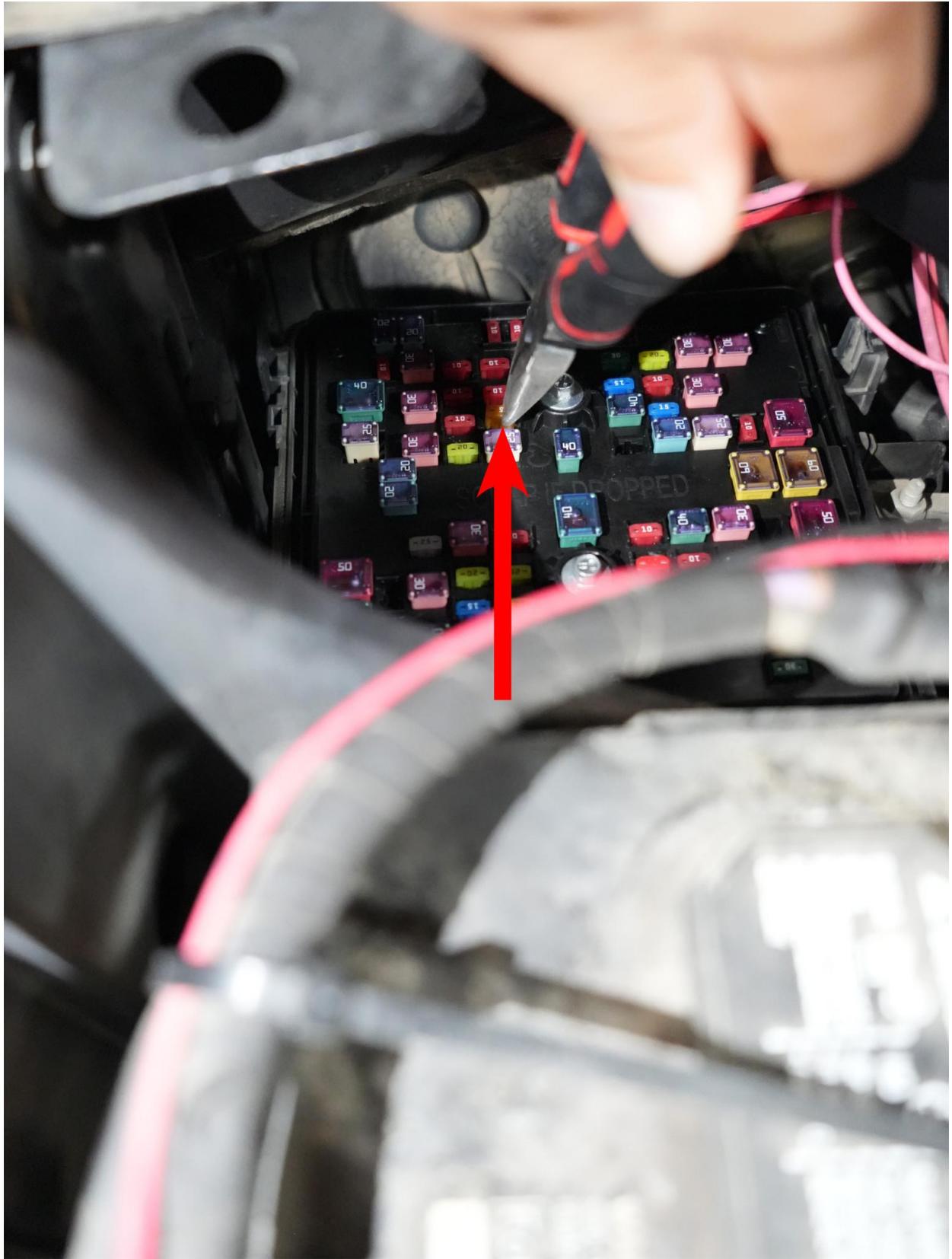


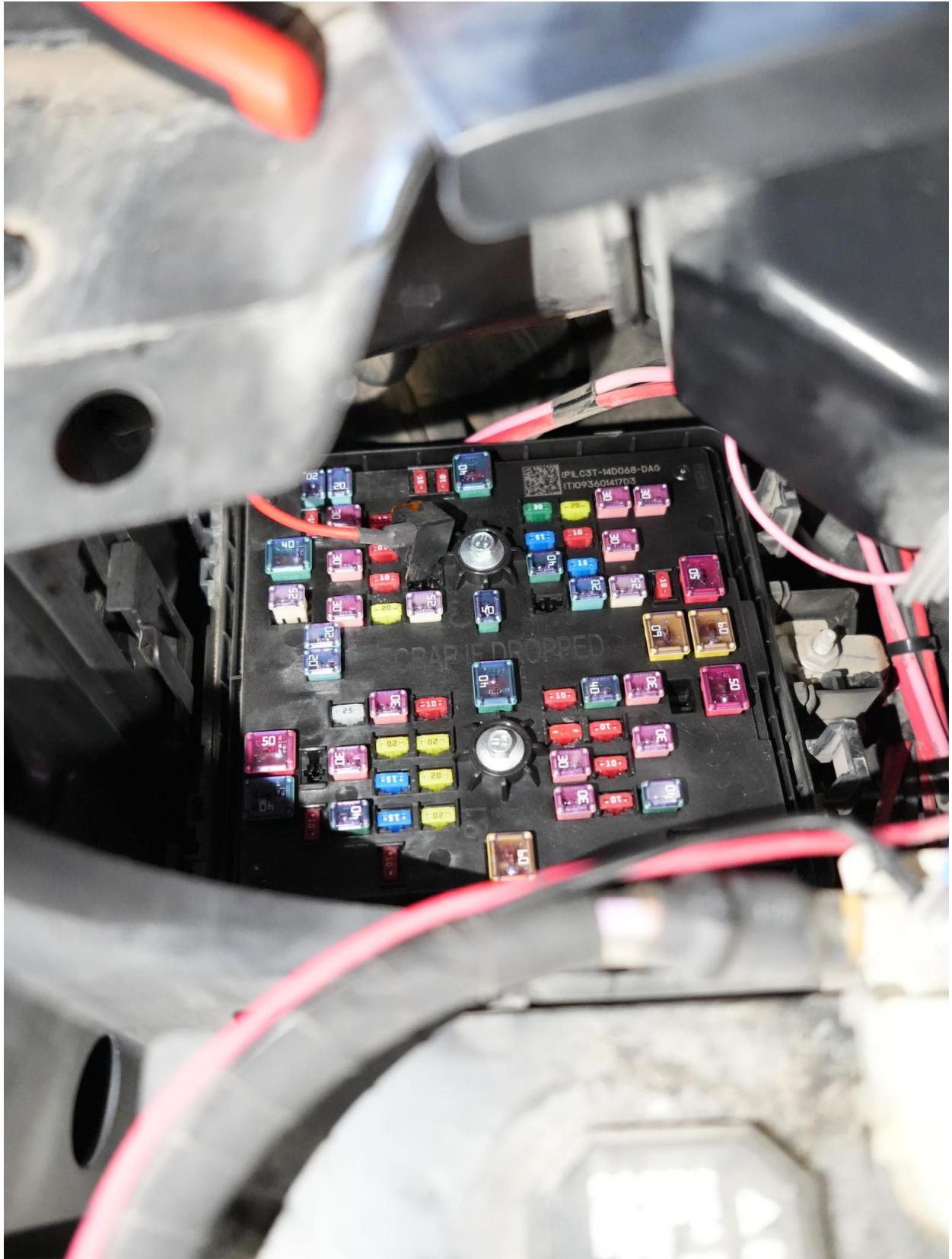


TAP THE FUSE

Open the fuse box cover and connect the DRL wire to fuse #19 (5A).





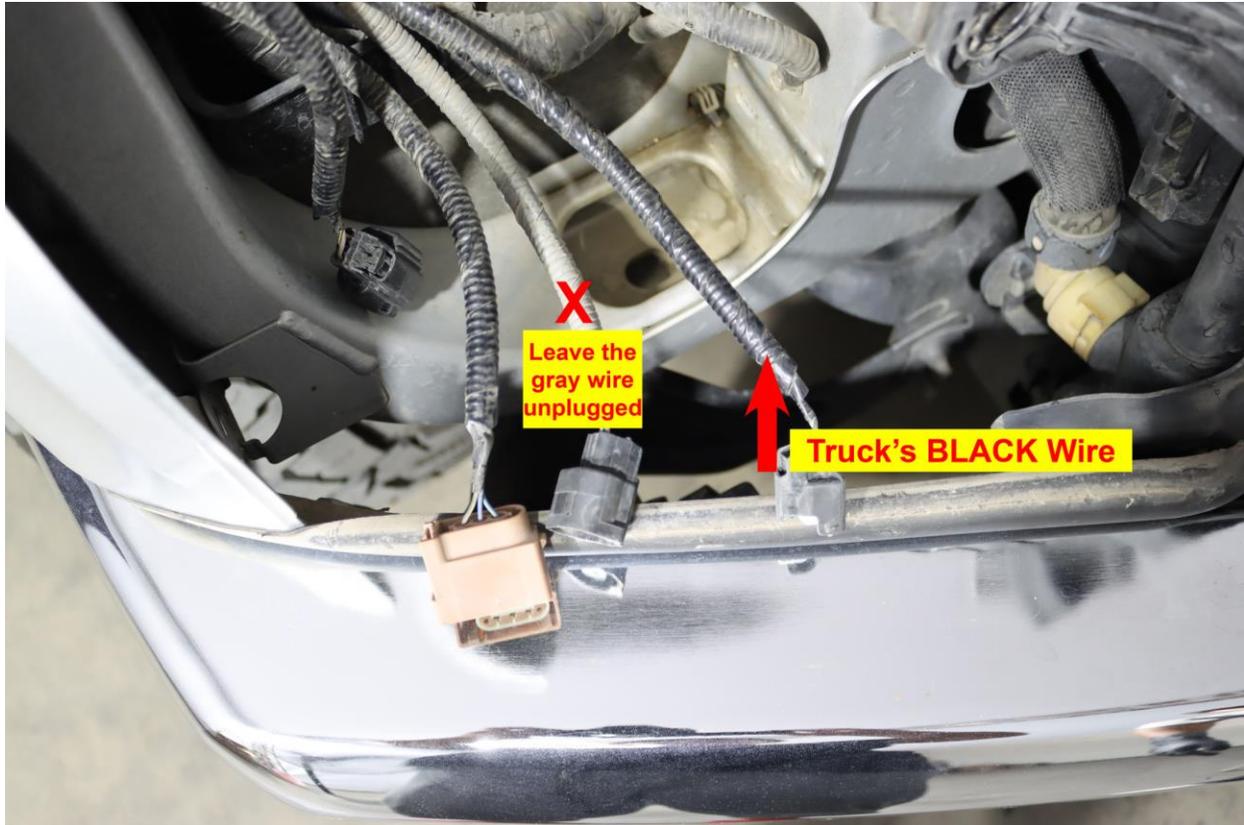


PLUG AND INSTALL THE HEADLIGHTS

Connect the wires into the new ALPHAREX headlights. DO NOT USE DIELECTRIC GREASE!

Note: To ensure proper functionality of the new headlights, follow the steps starting from the passenger's side headlight.

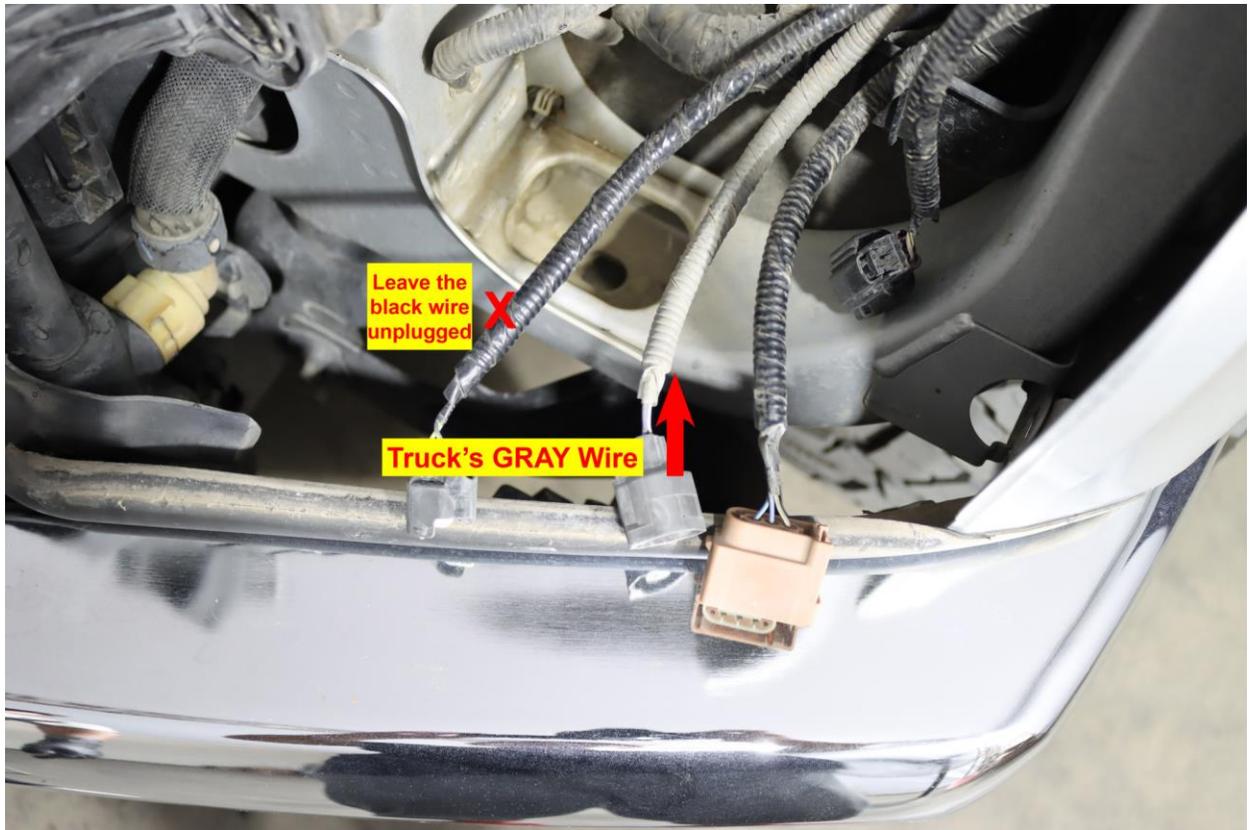
Plug only the truck's BLACK wire into the new ALPHAREX Headlight's High/ Low beam socket. Leave the gray wire unplugged.





FROM THE DRIVER'S SIDE HEADLIGHT

Only plug the truck's GRAY wire into the new ALPHAREX Headlight's High/Low beam socket, and leave the black wire unplugged.



Connect the turn signal and parking light wires into the new ALPHAREX headlight.
DO NOT USE DIELECTRIC GREASE!





Connect the harness to the daytime running light connection on the headlight. Repeat these steps for the other headlight.



Conclude the installation by securing the headlight to the truck.
Reverse the removal process to complete the installation.









TEST THE HEADLIGHT FUNCTIONS

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





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.





End of installation guide