



# Installation Guide for 2009-14 FORD F150 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 2009-14 Ford F150

**DO NOT USE DIELECTRIC GREASE!**



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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.*

# PART I REMOVE HEADLIGHTS

## INSTALLATION TOOLS

PREPARE THESE TOOLS FOR INSTALLATION



Metal  
Panel  
Popper



Flat  
Screwdriver



Phillips  
Screwdriver



1/4 Ratchet



1/4 Extension

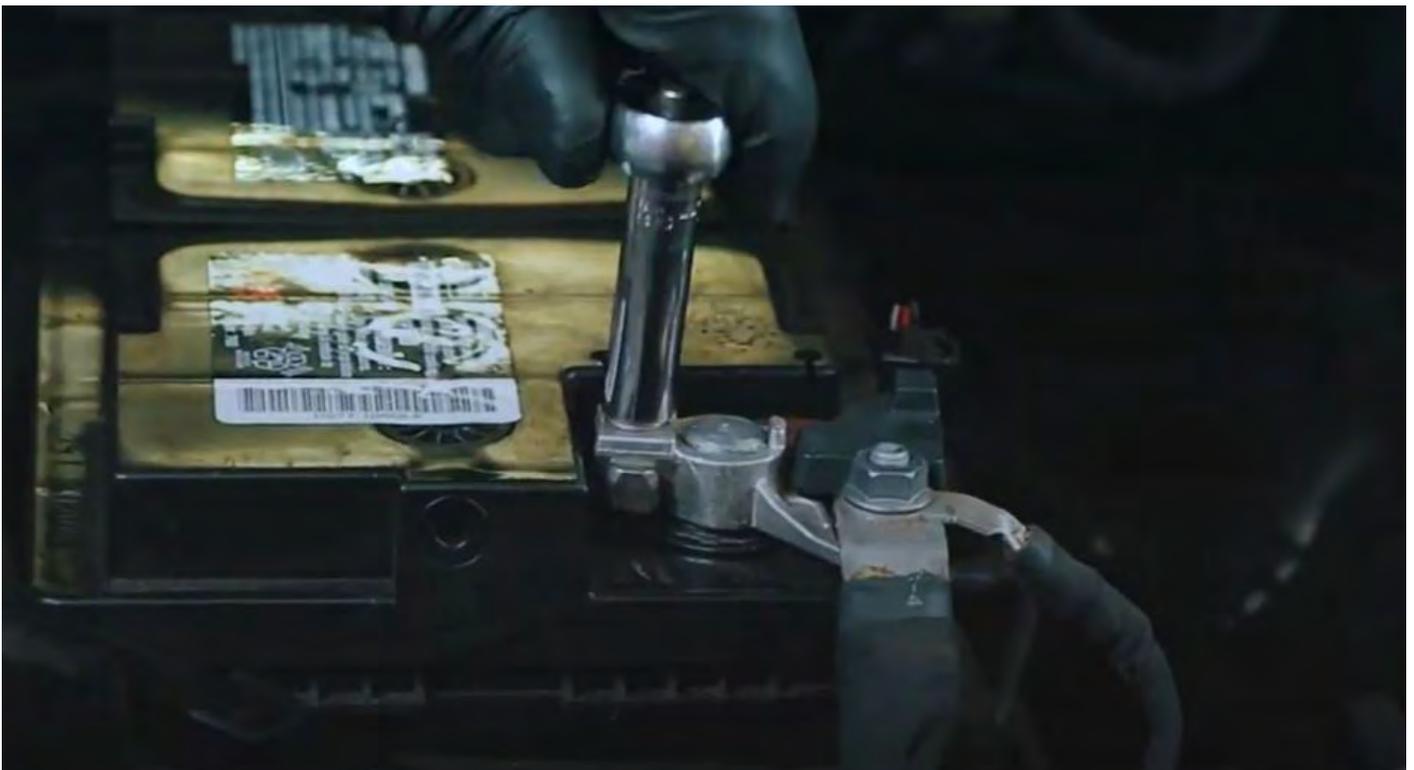
10mm



Socket

## STEP 1. DISCONNECTING THE NEGATIVE BATTERY TERMINAL

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



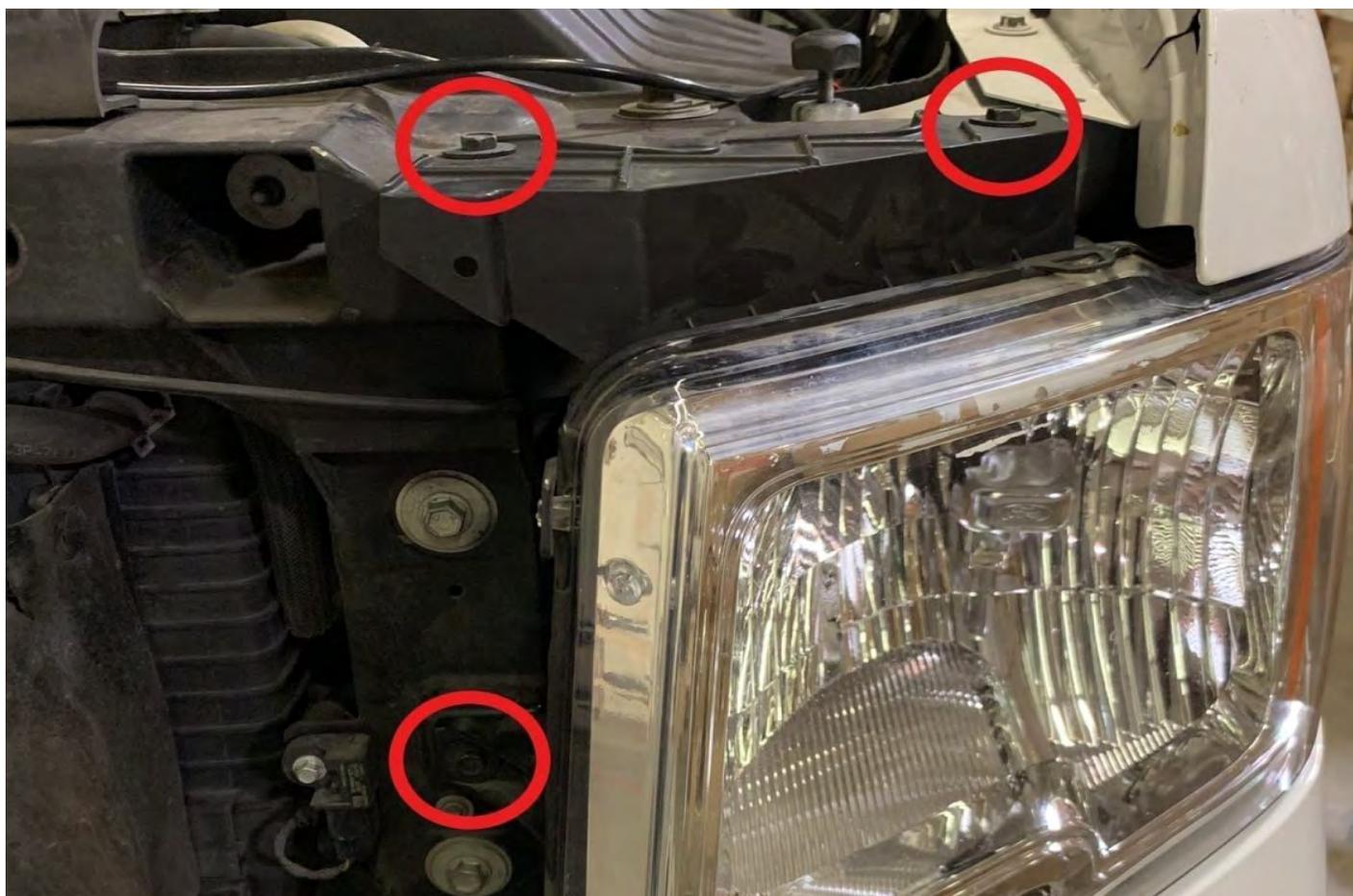
## STEP 2. REMOVE THE PROTECTIVE COVER

Begin by extracting the two push pins securing the protective cover.



## STEP 3. REMOVE THE HEADLIGHT BOLTS

To disassemble the headlight, first, unscrew three 10mm bolts, two located at the top and one positioned in the middle. Repeat the identical steps for the opposite side.



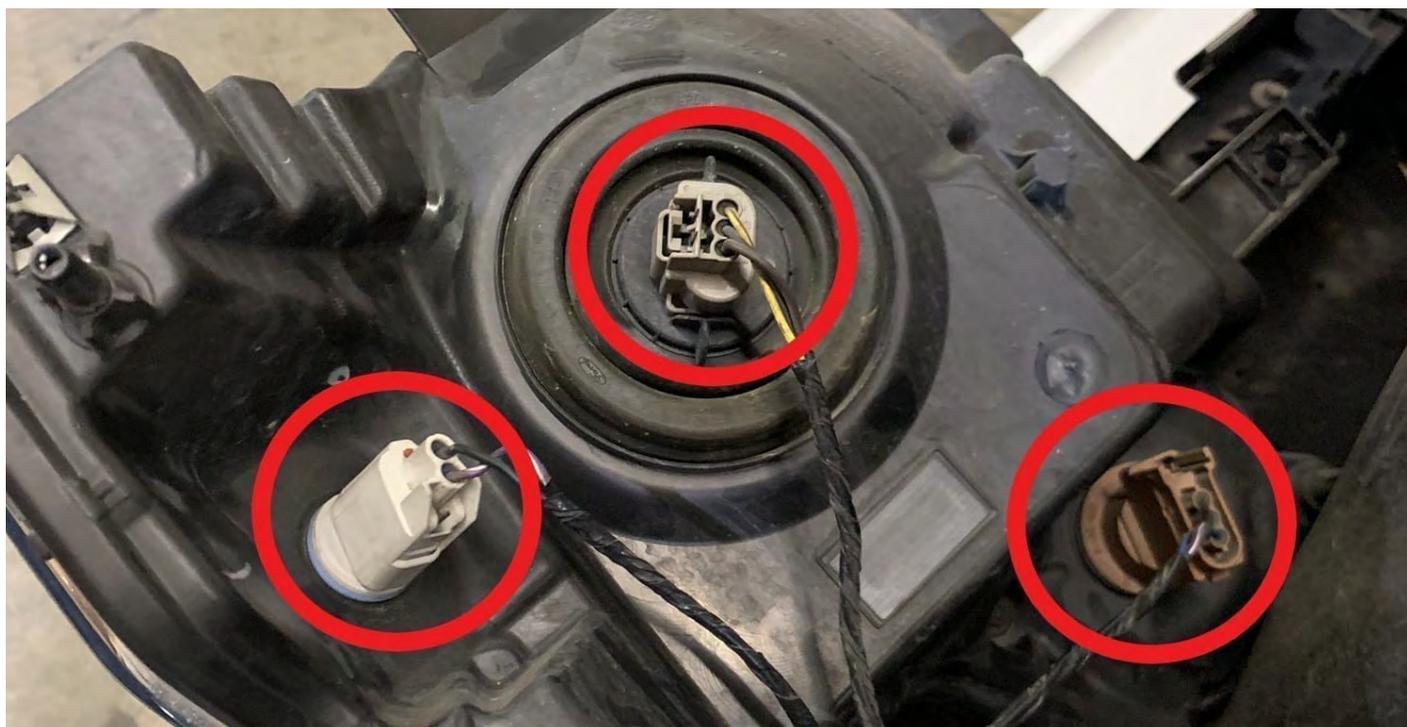
## STEP 4. REMOVE THE HEADLIGHTS

Gently pull the headlight assembly outward to disengage it from your truck. Repeat the same step for the opposite side.



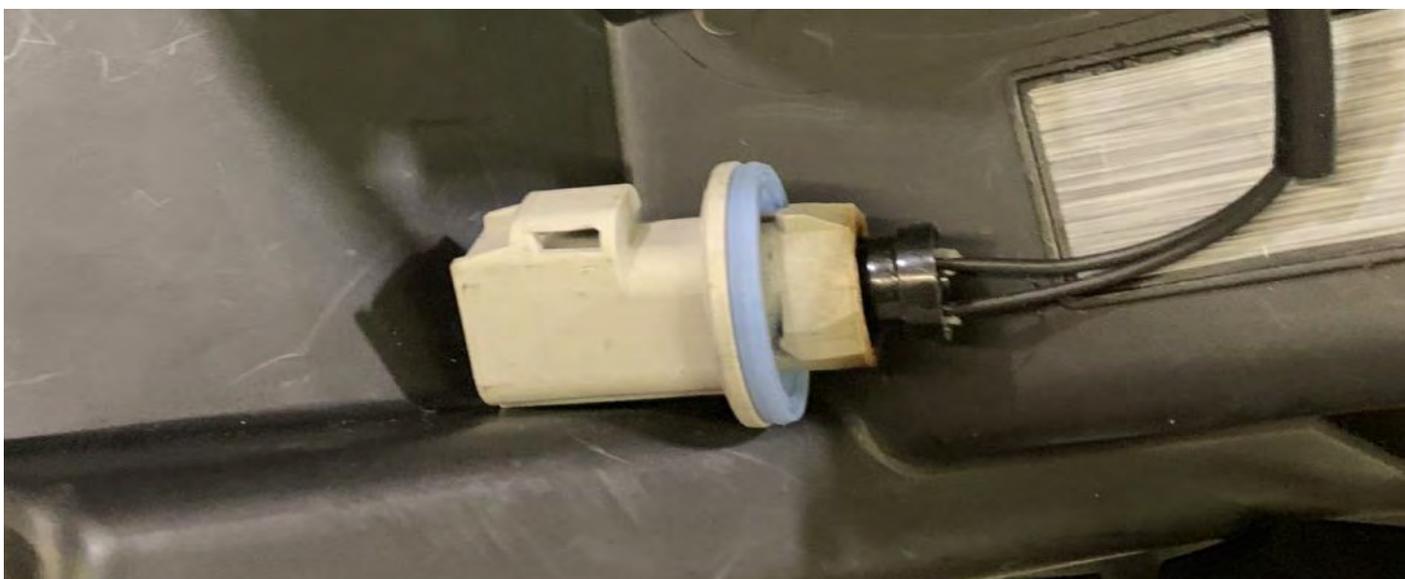
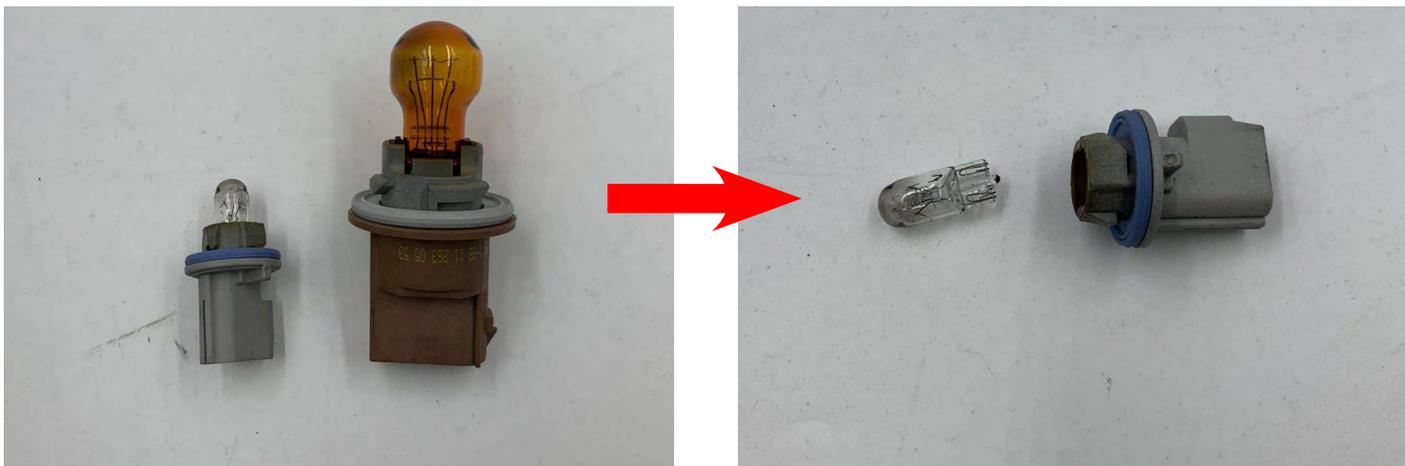
## STEP 5. REMOVE THE PLUGS AND TURN SIGNAL SOCKET

Unplug all the designated connectors and detach the side marker and turn signal socket.

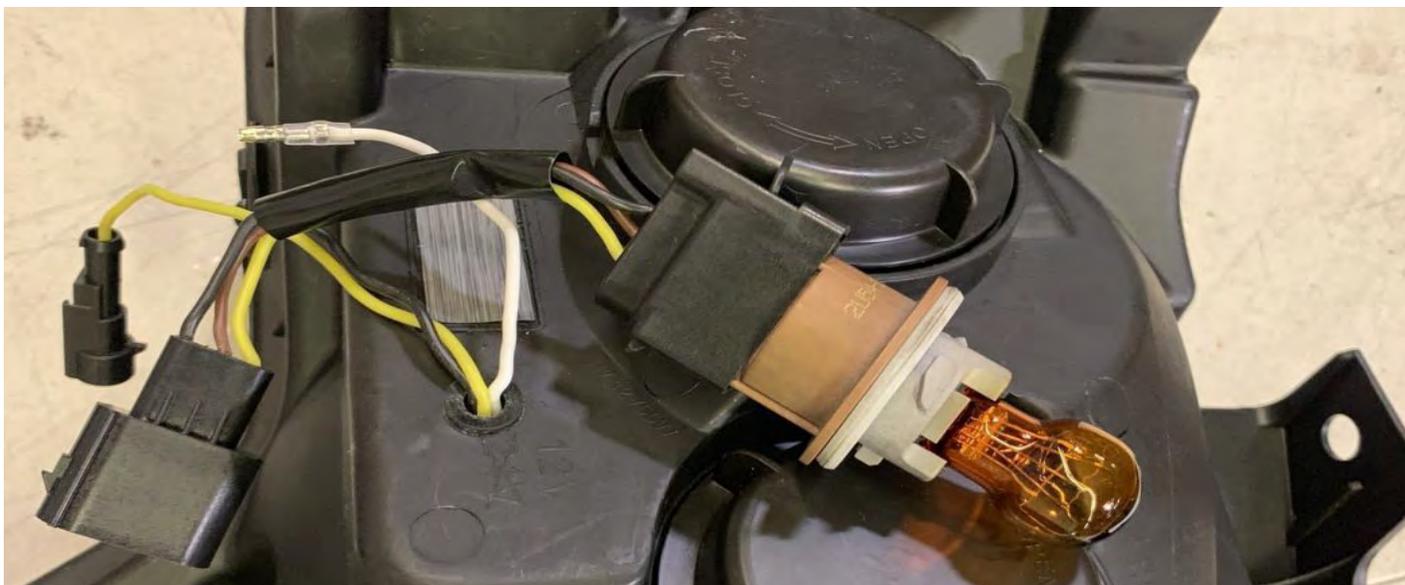


## STEP 6. TRANSFER THE SOCKETS TO THE NEW HEADLIGHTS

Take out the side marker bulb from each side of the headlight, then connect it to the new ALPHAREX headlight side marker connection.

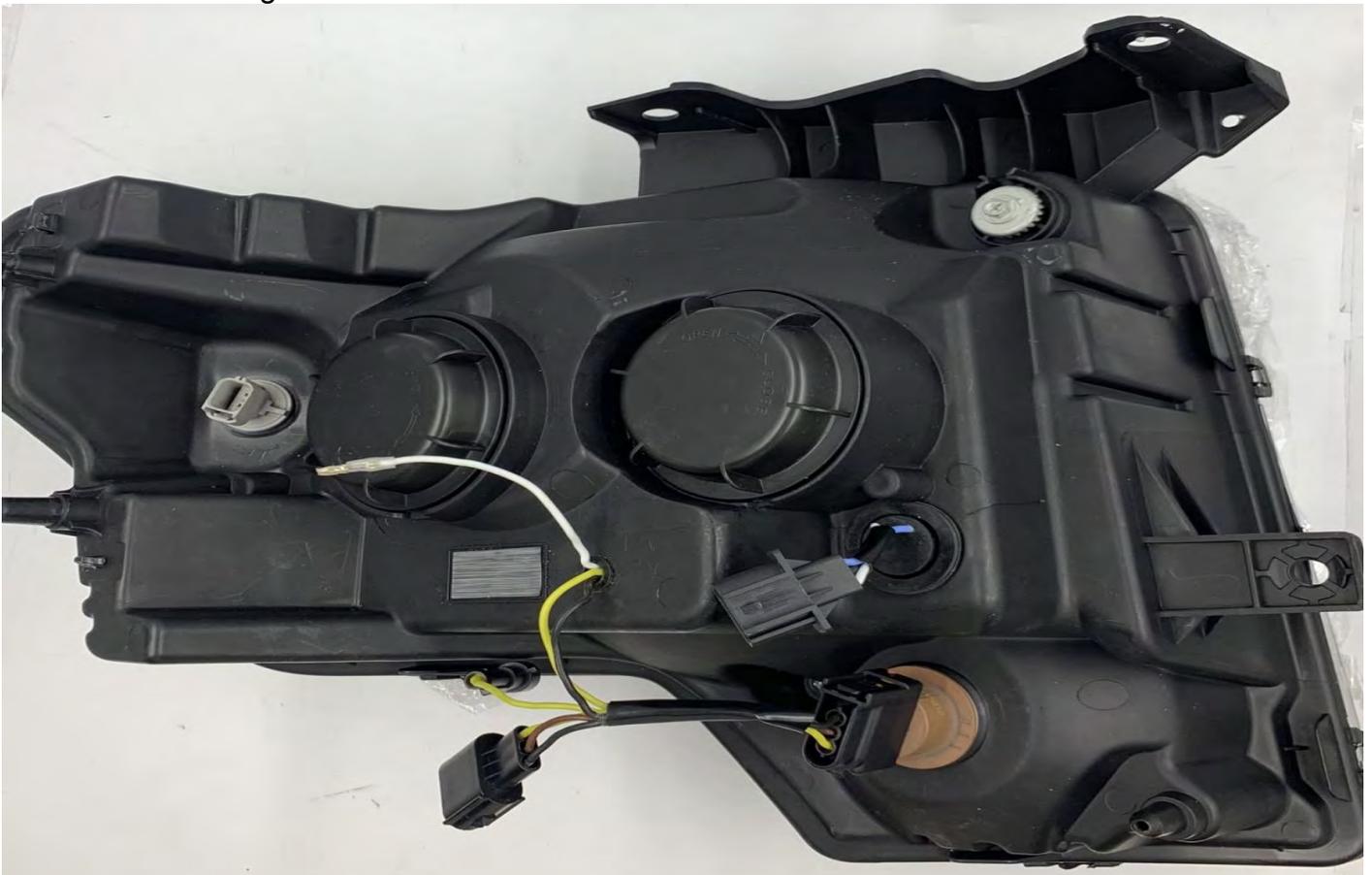


Connect one end of the turn signal split connection to the new headlight turn signal socket. Repeat the same procedure for the other headlight.





After transferring the sockets to the new ALPHAREX headlights, the assembly should now resemble this configuration.



# PART II INSTALL HEADLIGHTS



## STEP 1. TAP THE FUSE AND ROUTE THE WIRE HARNESS

Installation of the provided DRL harness is **REQUIRED** for achieving the intended functionality of the daytime running lights (DRLs) and Alpharex's signature activation sequence.

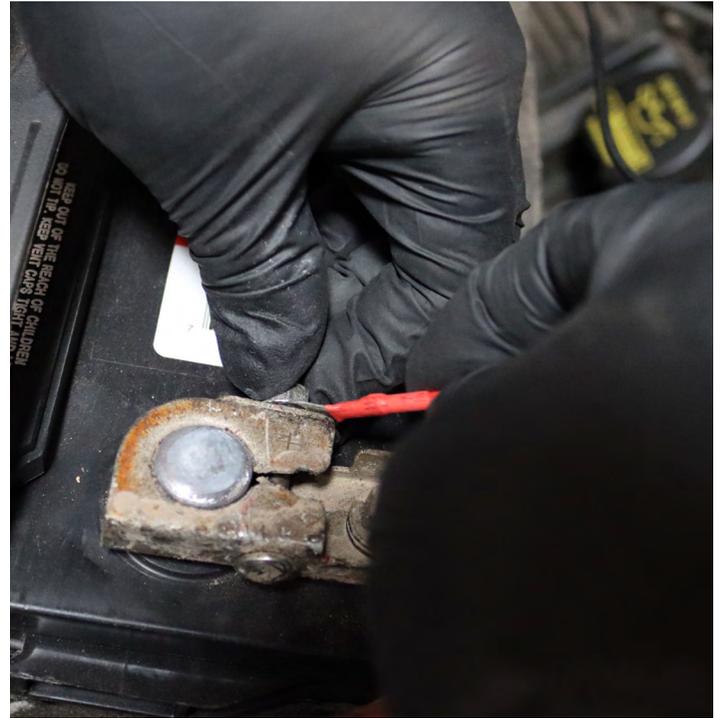
**FOR PRO-SERIES:** It is essential to tap the fuse and install both the DRL and the Low/High Beam wire harnesses.

**FOR LUXX and NOVA-SERIES:** You only need to tap the fuse and install the DRL wire harness.

	DRL wire harness	Low/High Beam wire harness
		
<b>PRO</b> Series	required	required
<b>LUXX</b> Series	required	not required
<b>NOVA</b> Series	required	not required

## FOR PRO-SERIES | LUXX-SERIES | NOVA-SERIES OWNERS

Start the installation by securing the DRL wire harness. Begin by grounding the black wire to the negative battery terminal. Subsequently, connect the red wire to the positive battery terminal.

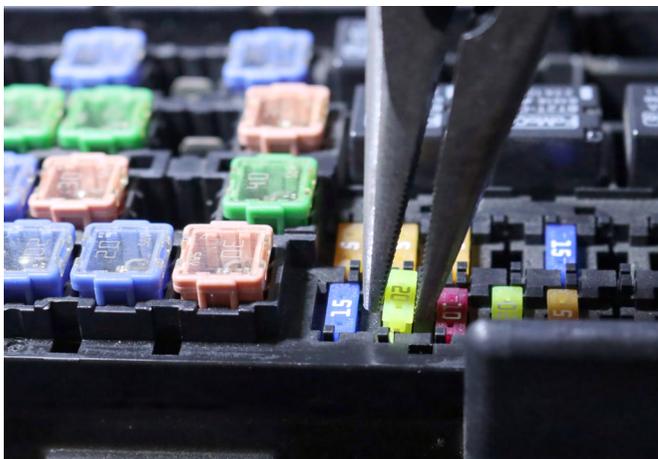


Locate the fuse box and open its cover to gain access for tapping into the fuse.

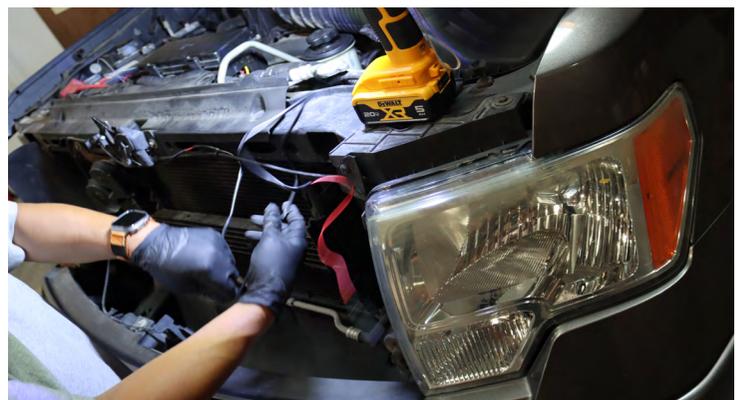


## FOR PRO-SERIES | LUXX-SERIES | NOVA-SERIES OWNERS

Identify Fuse #76, remove it, and proceed to tap into the fuse box.

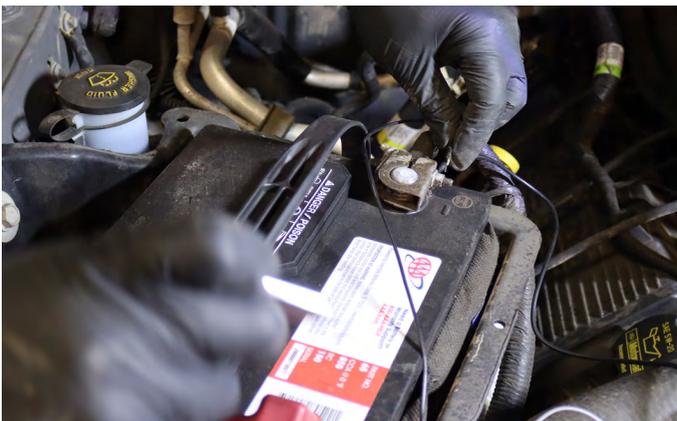
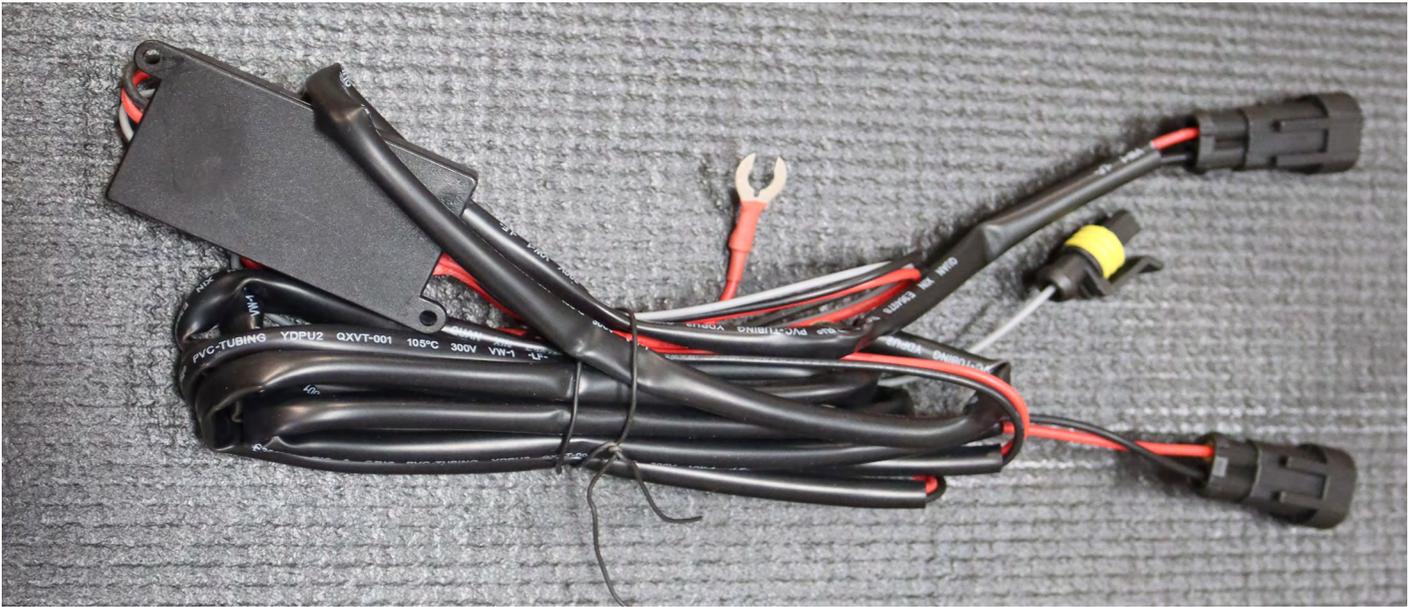


Once the fuse box cover is closed, route the DRL harness wire towards the driver side of the headlight location.

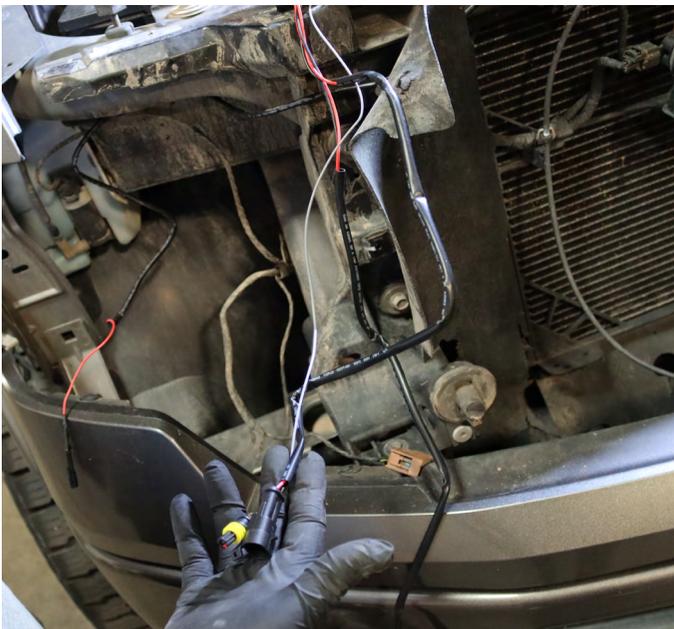


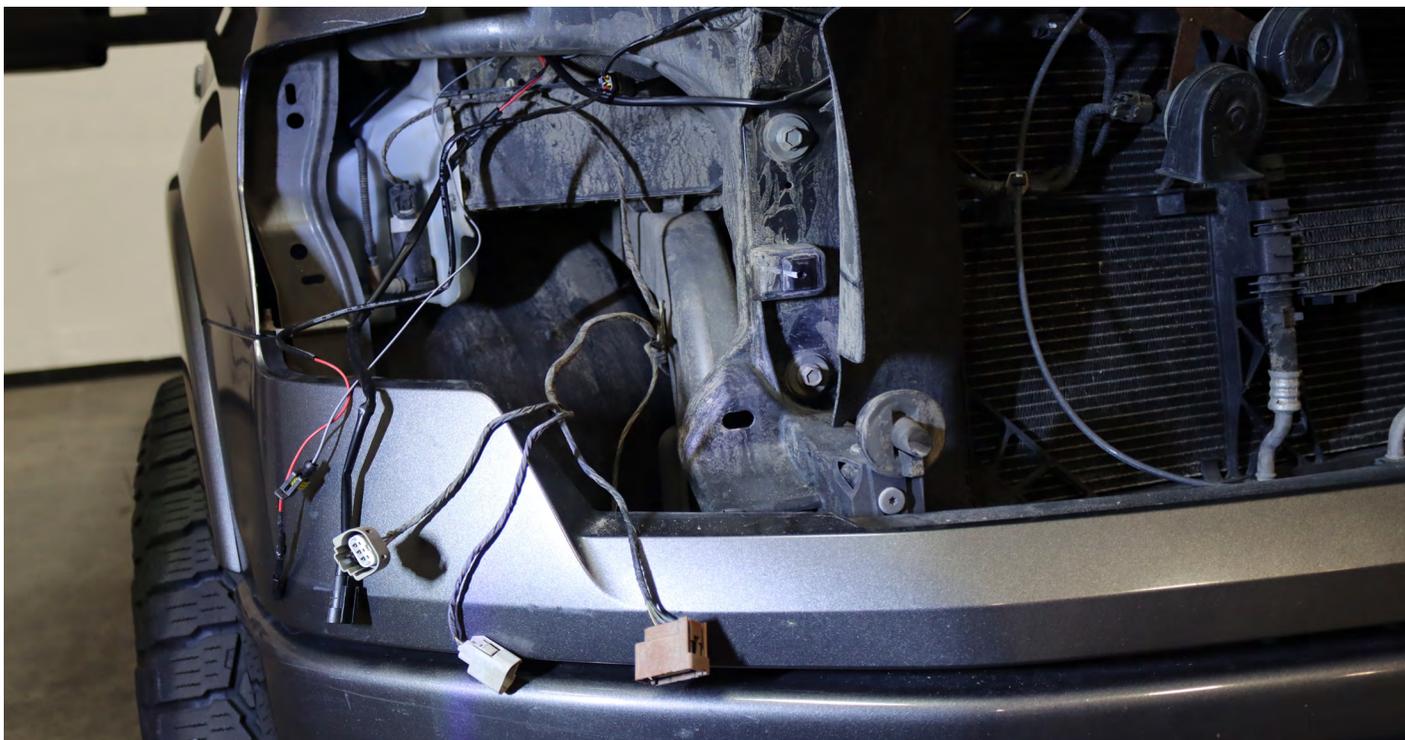
## FOR PRO-SERIES OWNERS ONLY

To install the Low/High Beam wire harness, start by grounding the black wire to the negative battery terminal. Then, connect the red wire to the positive battery terminal.



After connecting the wire harness to the battery, guide it towards the driver's side of the headlight location.



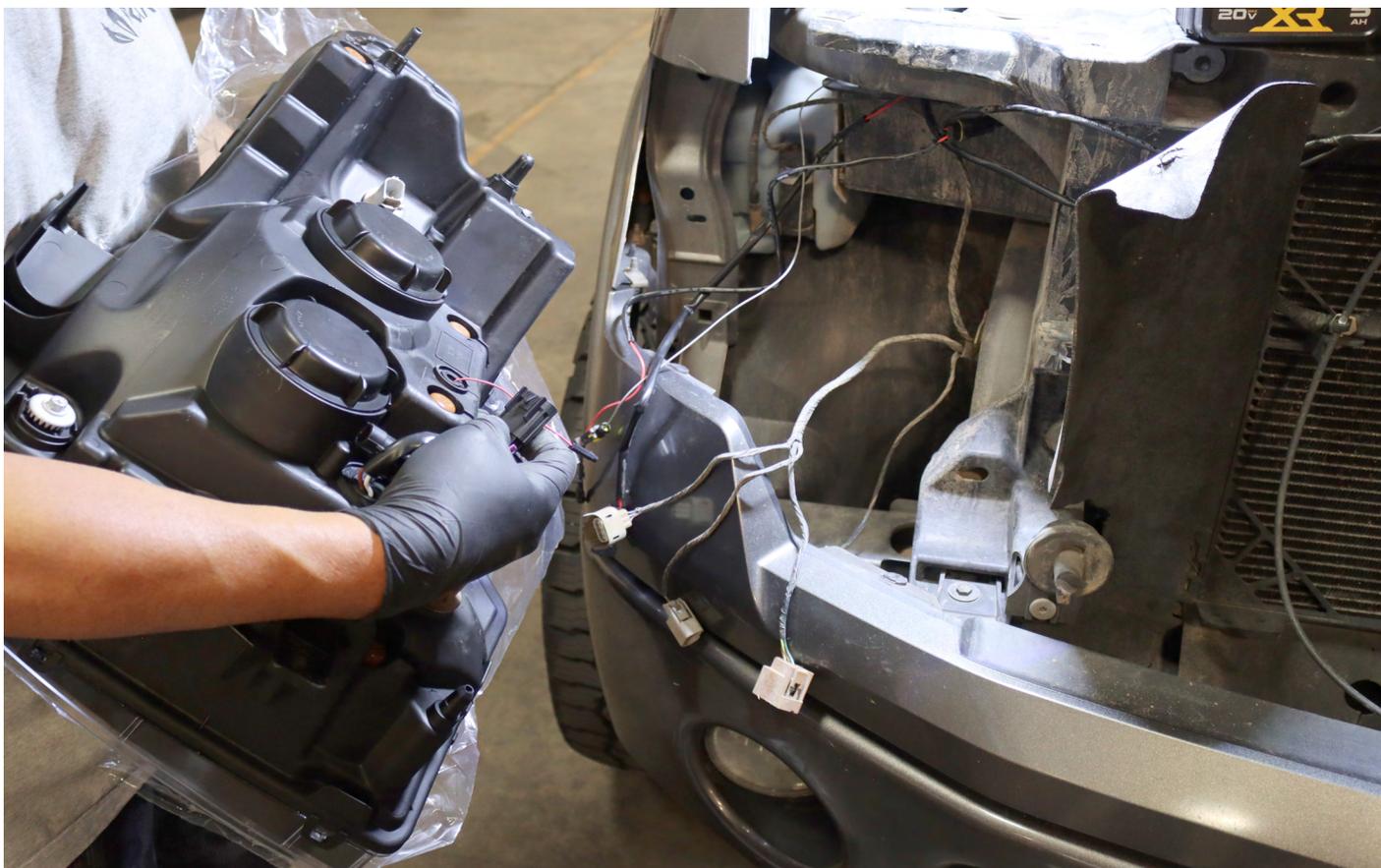


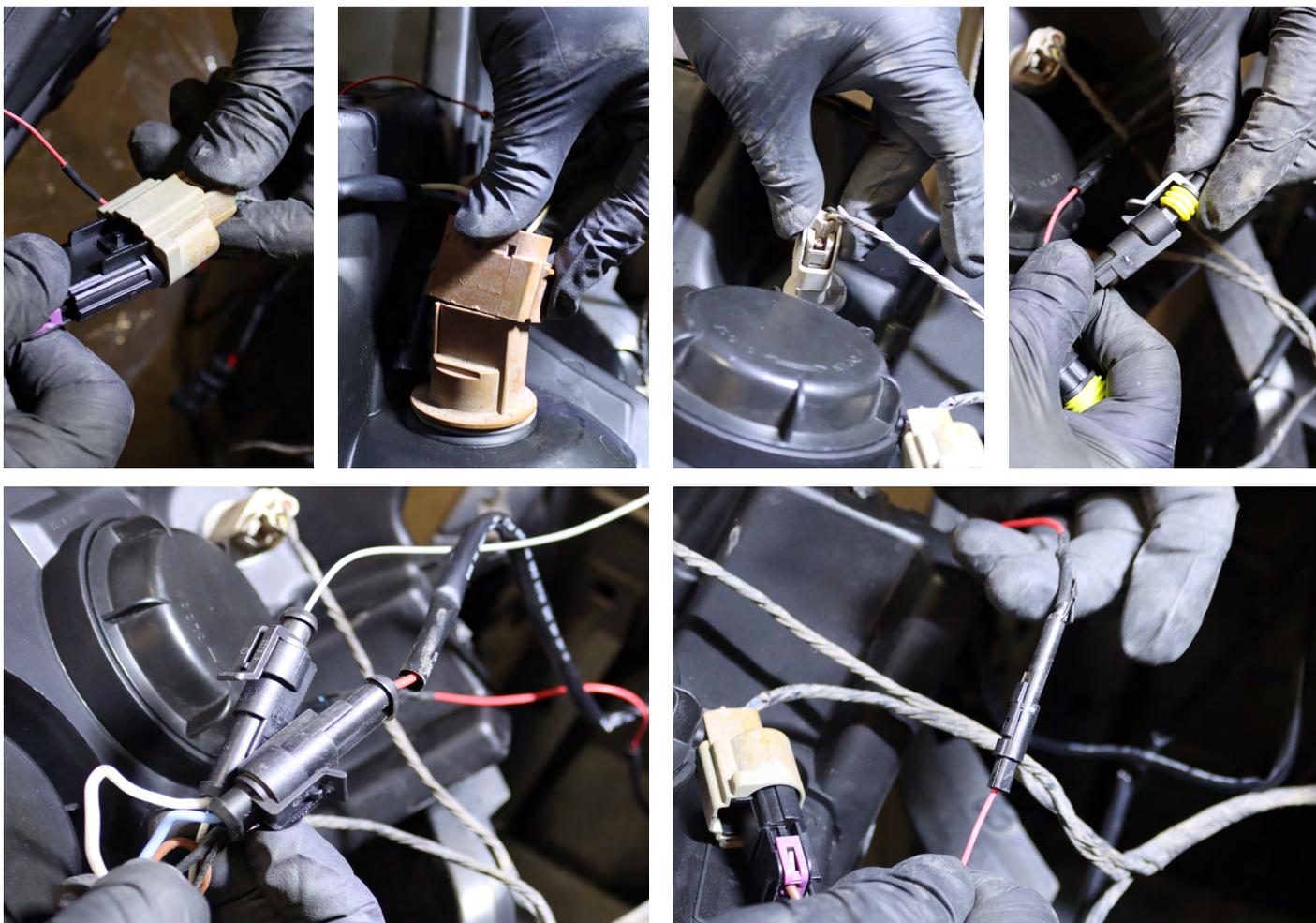
Once you've successfully routed the necessary wire harness(es), you are now ready to proceed with the installation of the new ALPHAREX headlights.

## **STEP 2. PLUG THE HEADLIGHTS**

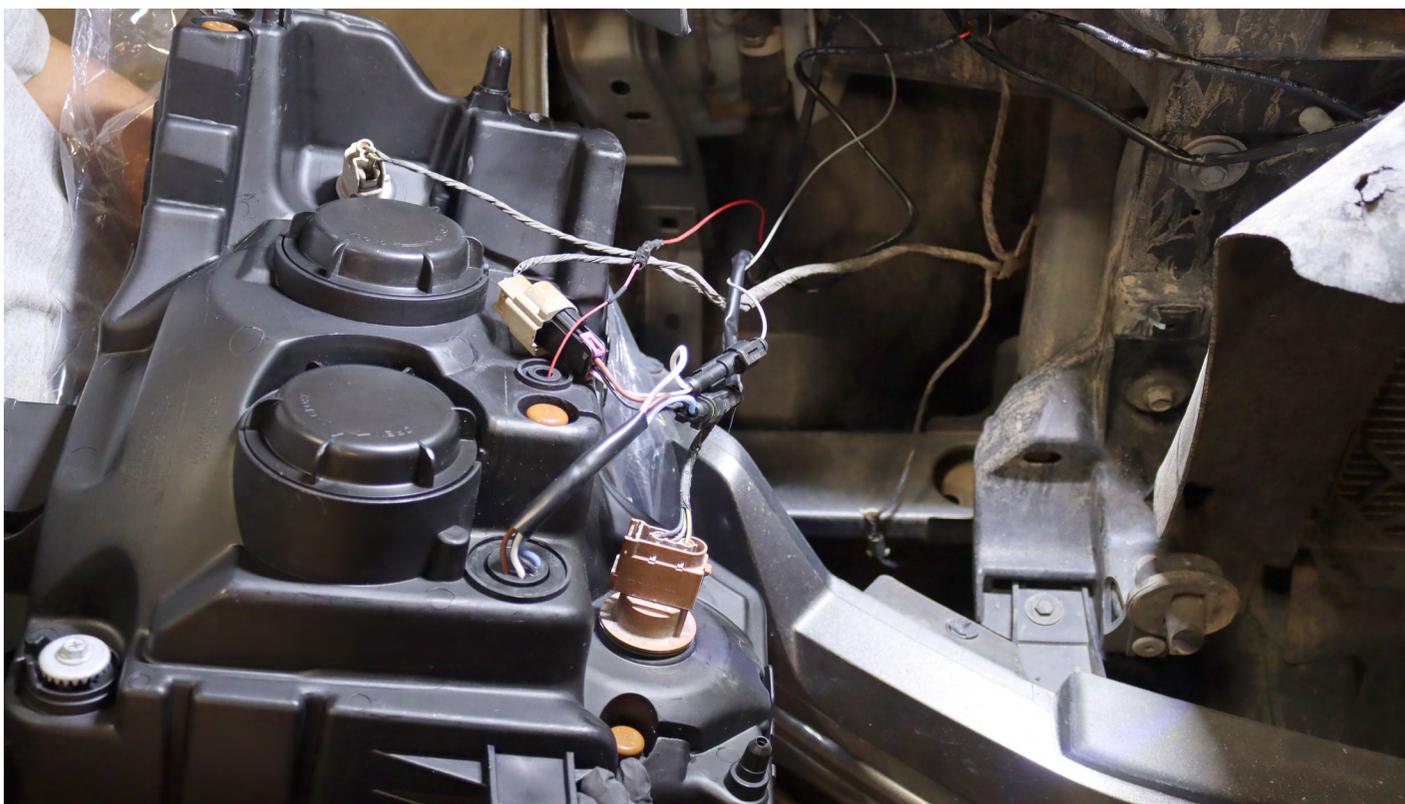
Begin the installation by connecting all the light sockets into the headlight assembly.

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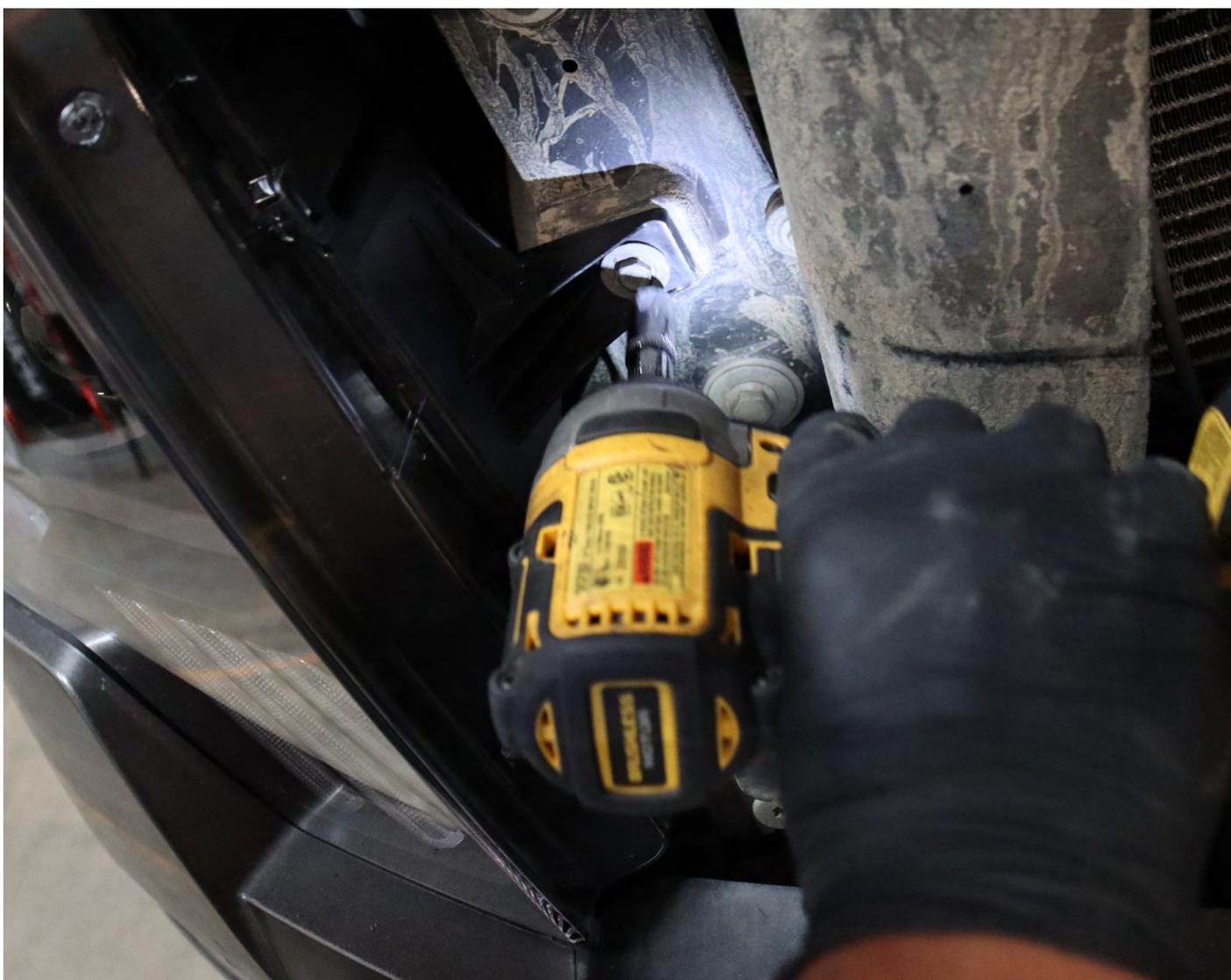
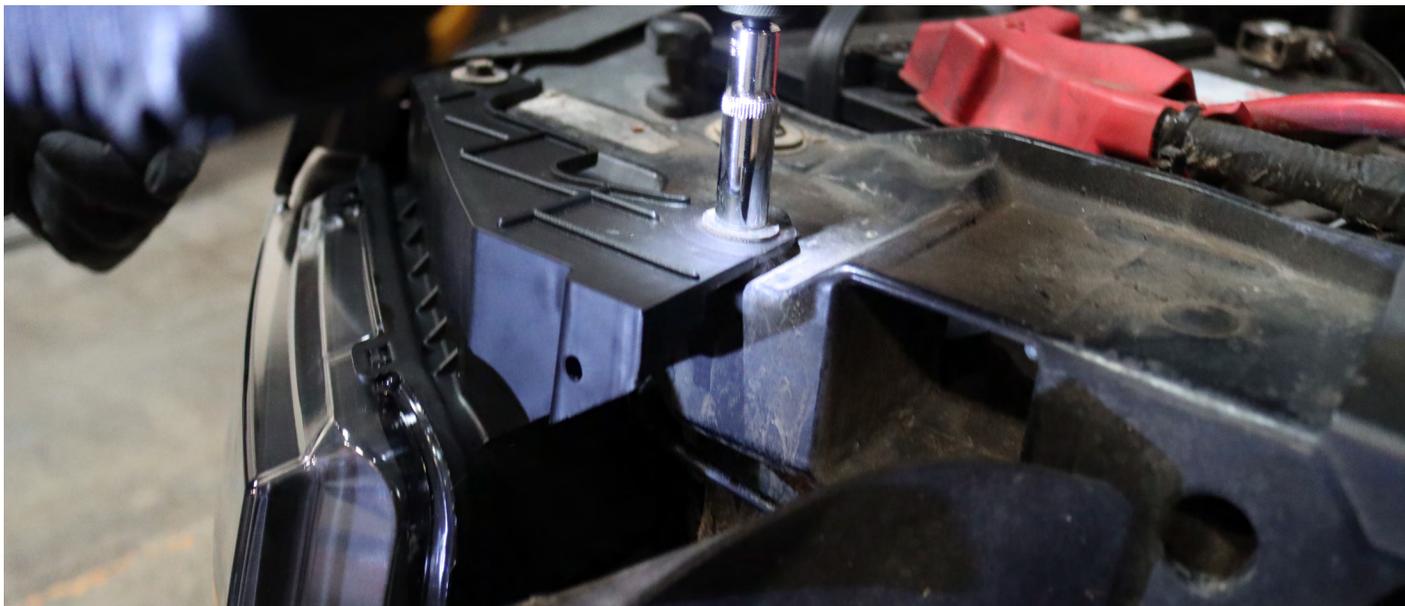


Ensure that all the sockets are firmly and securely connected to the new headlights before proceeding with the installation into the vehicle. Repeat the same process for the other side of the headlight.



### STEP 3. INSTALL THE HEADLIGHTS

To complete the installation of the headlights into the vehicle, reverse the process used for removing the headlights.



## STEP 4. TEST THE HEADLIGHT FUNCTIONS

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

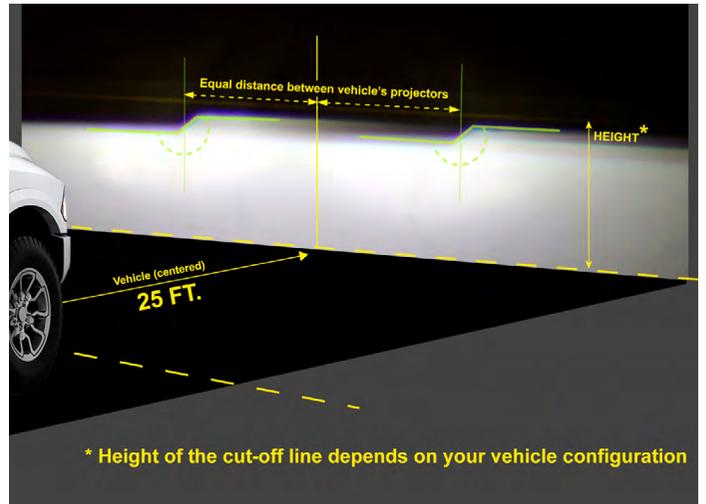


## STEP 5. ADJUST HEADLIGHT LEVEL

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



## STEP 6. COMPLETE INSTALLATION

Congratulations! You have completed the installation for ALPHAREX **09-14 Ford F150 HEADLIGHTS**.

