

## Installation Guide for 2019-22 Ford Ranger 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 2019-22 Ford Ranger

**DO NOT USE DIELECTRIC GREASE!**



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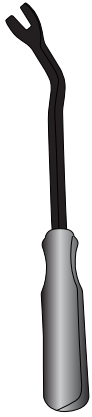
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*Disclaimer: This installation article is a tutorial guide. By reading this article, you agree it is for reference only and AlphaRex USA and its distributors make no guarantee on the finished results. Under no circumstances whatsoever shall AlphaRex 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.*

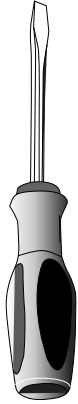
# PART I REMOVE HEADLIGHTS

## INSTALLATION TOOLS

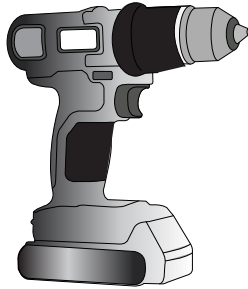
PREPARE THESE TOOLS FOR INSTALLATION



Metal Panel Popper



Flat Screwdriver



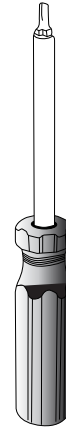
Power Tool



1/4 Ratchet



1/4 Extension



Torx Screwdriver



T25, T30  
Star Torx

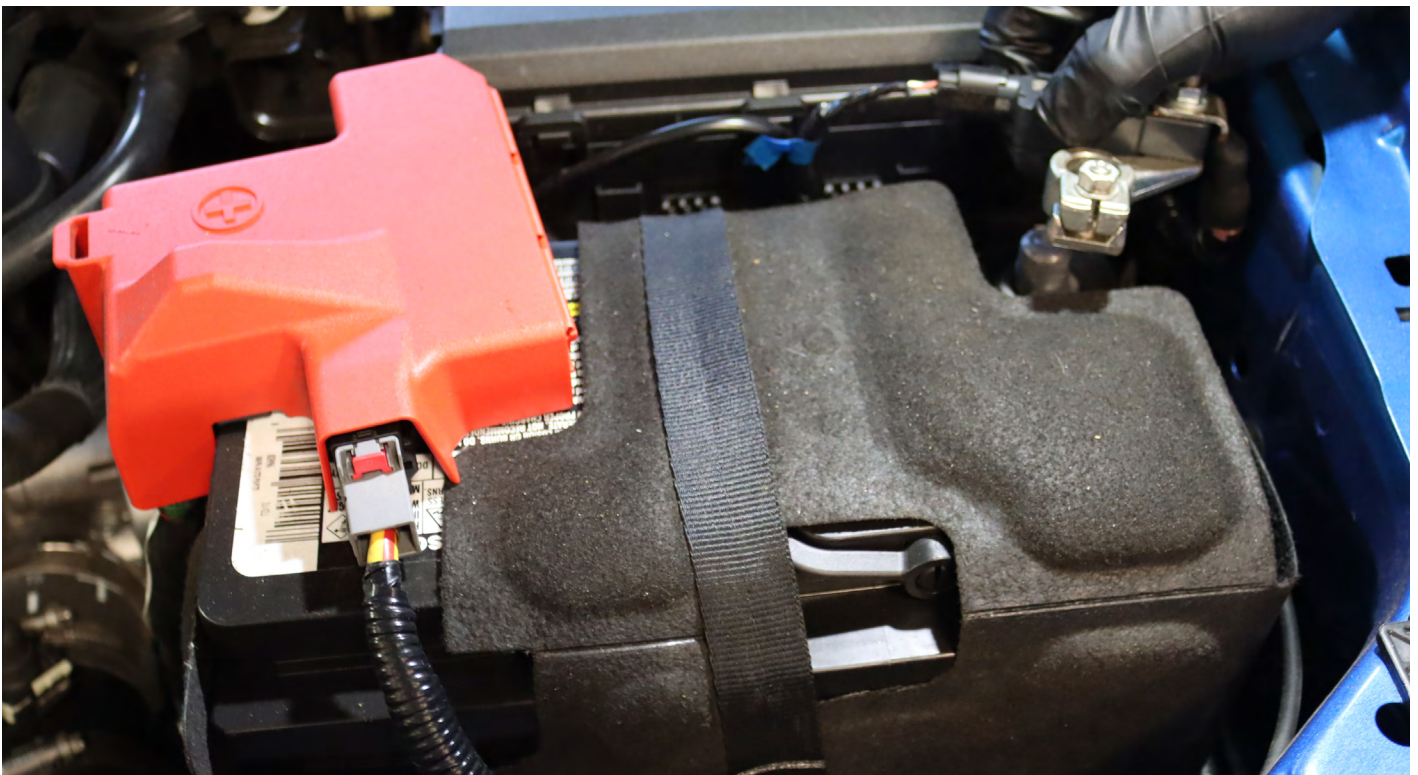


7,8,10,13  
mm  
Socket

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

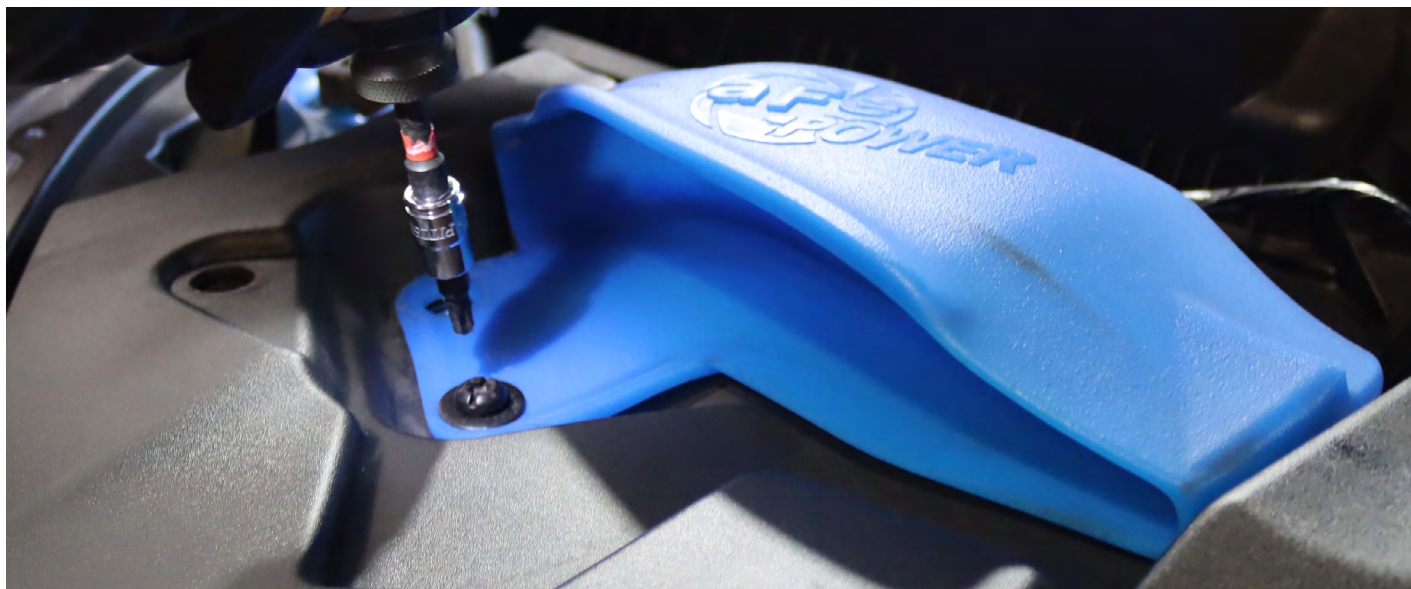
## STEP 1. DISCONNECTING THE NEGATIVE BATTERY TERMINAL

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



## STEP 2. REMOVE THE RADIATOR SHROUD

Remove the 2 X T30 screws from the intake air duct.



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



### STEP 3. REMOVE THE GRILLE

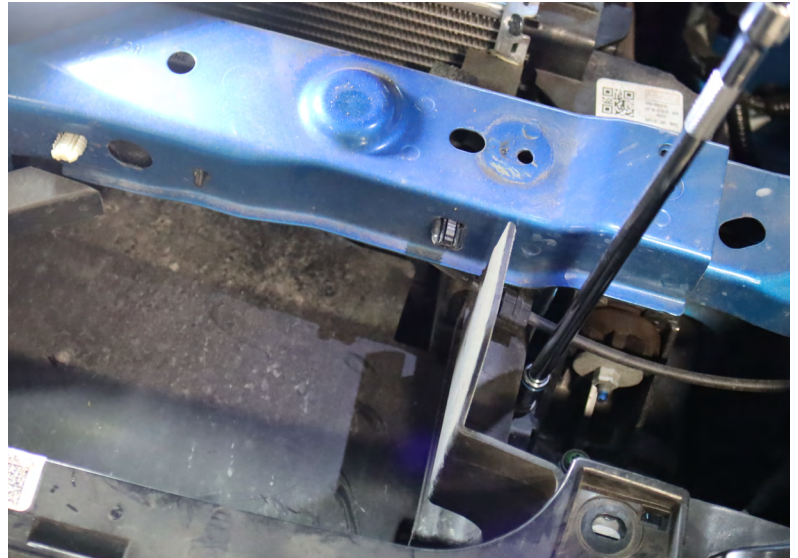
Unscrew and remove the 10mm bolts from the top of the grille.



Gently pull the grille outward to loosen it from its position.



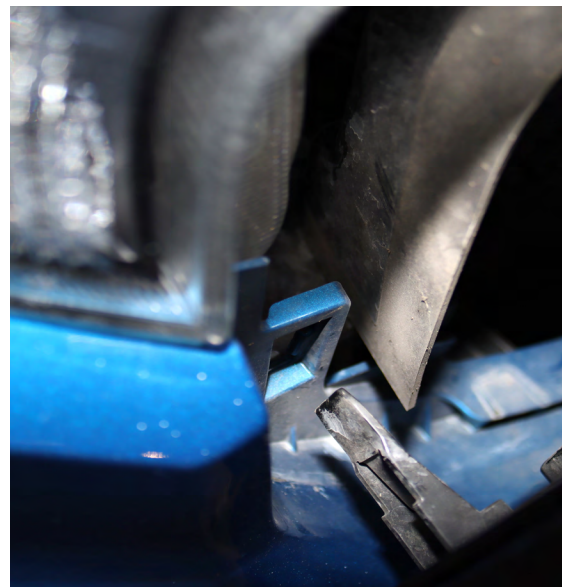
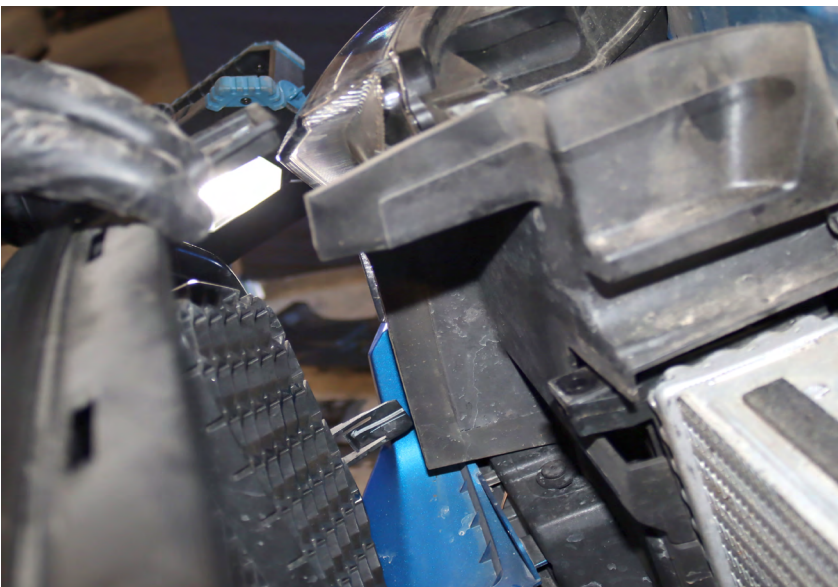
Unscrew the two 7mm bolts from the radiator plastic cover.



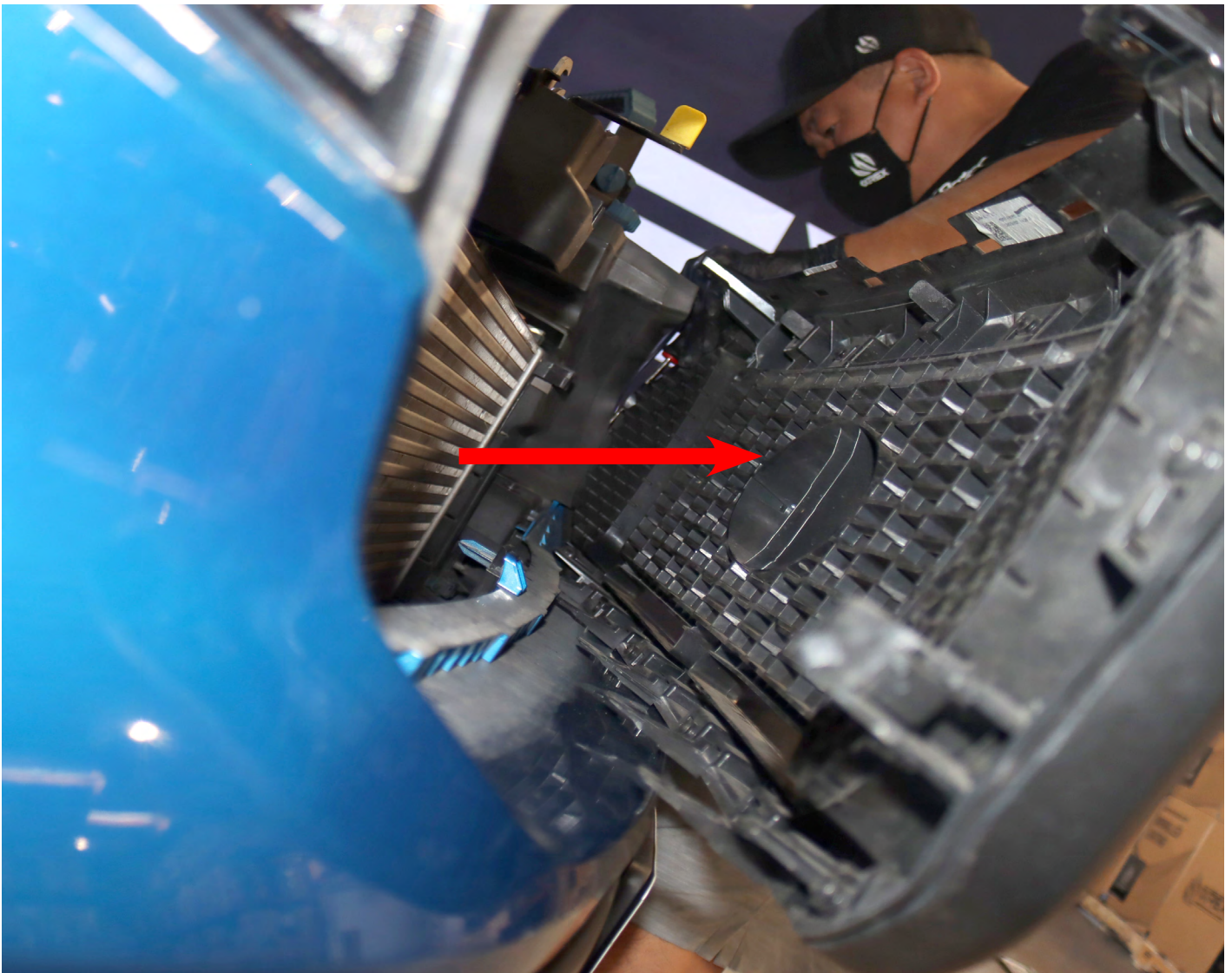
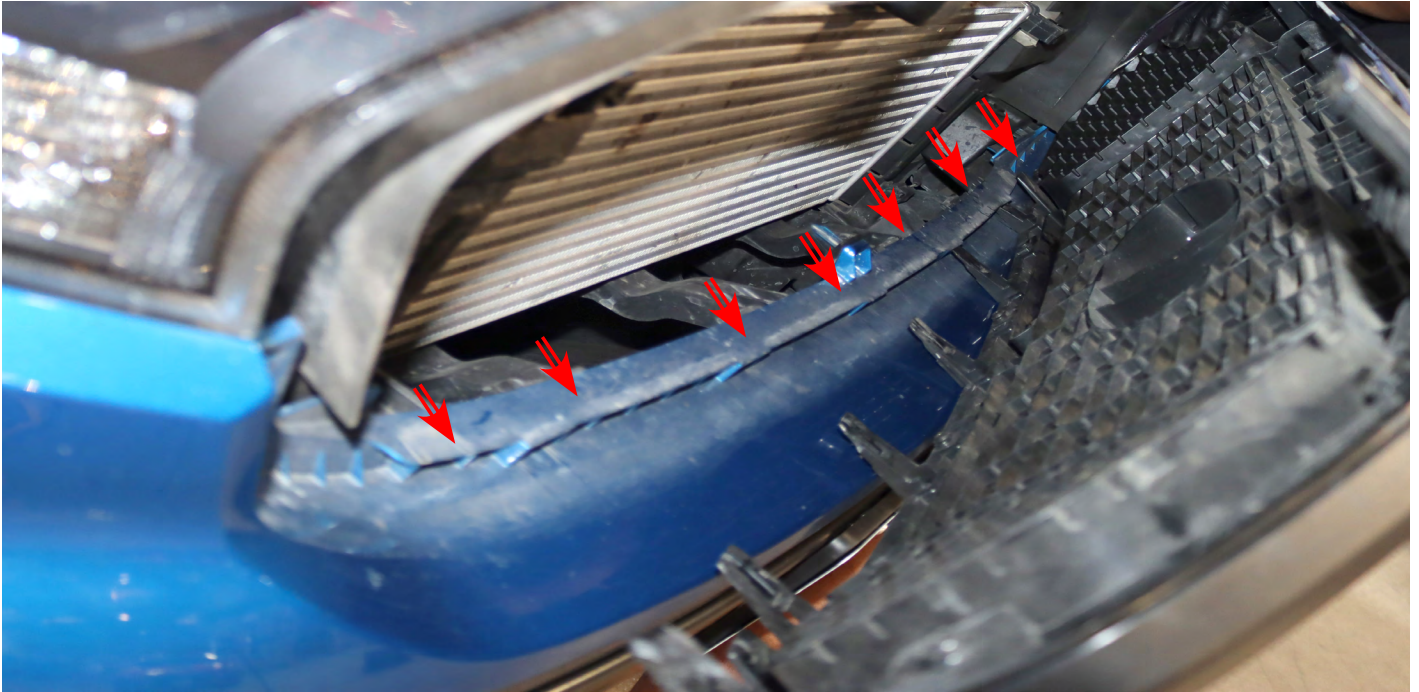
Pull and push the plastic cover downward until it's at an angle, then pull it out for removal.



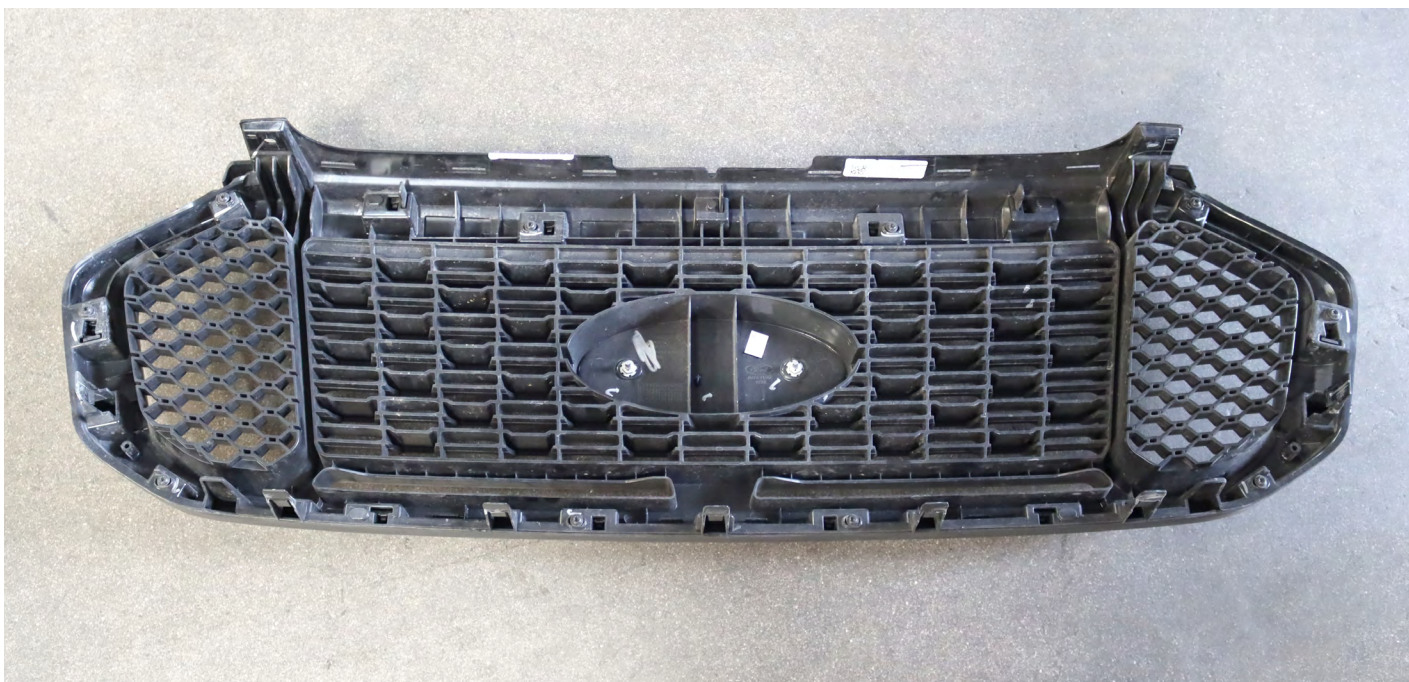
Utilize a flat screwdriver to release the molding clips of the grille from both the left and right sides.



Press down on the mounting clips at the bottom of the grille and carefully pull it outward to remove it.

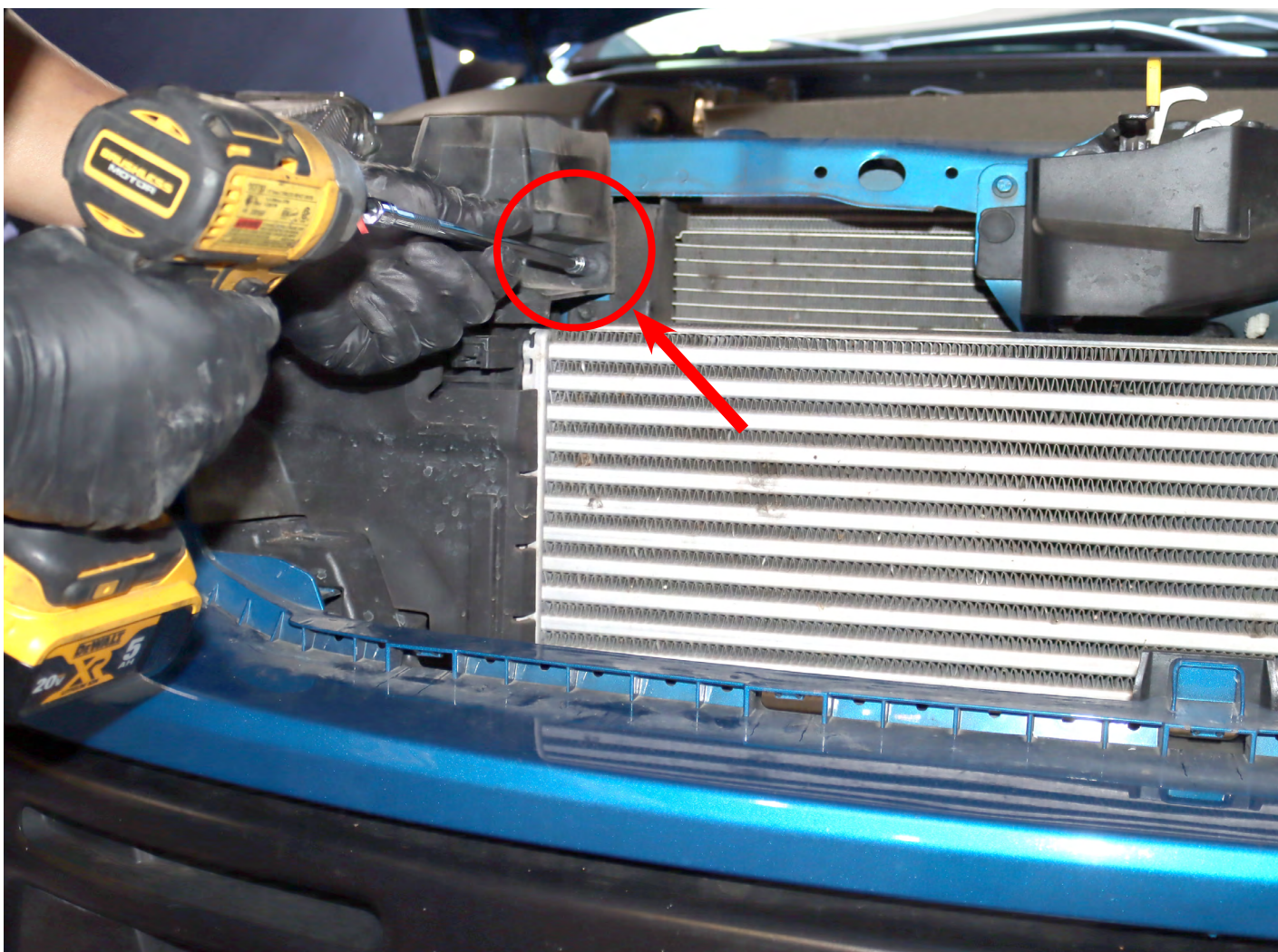


Place the grille aside for later re-installation.



#### **STEP 4. REMOVE THE UPPER FRONT BUMPER**

Unscrew the 7mm bolts from the plastic divider located next to each of the headlights.



Utilize the panel popper to remove the plastic clip retainer.



Take out the T30 bolt and the 13mm bolt from the mounting.

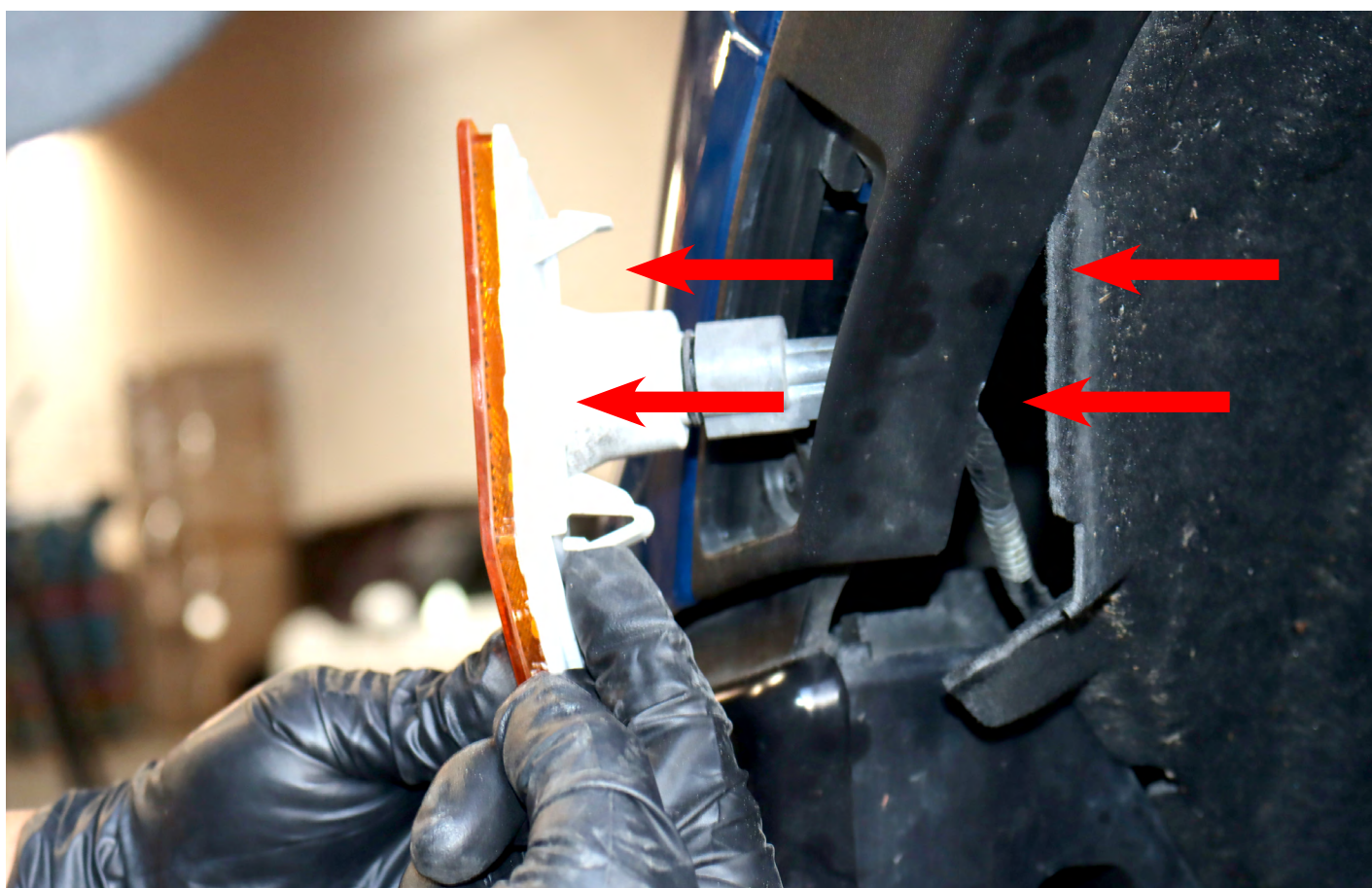




Use the panel popper to assist in removing the side marker light assembly.



Gently push up on the side marker assembly from behind the front wheel well trim piece.



Unplug and remove the side marker assembly.



Unscrew the bolt and lift the wheel well trim to loosen it.



Carefully pull outward on the wheel well trim piece to access the headlight's 7mm bolt. Unscrew the bolt and repeat the same step for the other side.



Proceed to remove the 5 XT30 bolts: (3) bolts located in the center of the bumper, (1) bolt behind the left bumper, and (1) bolt behind the right bumper.



Viewing from the back and under the vehicle

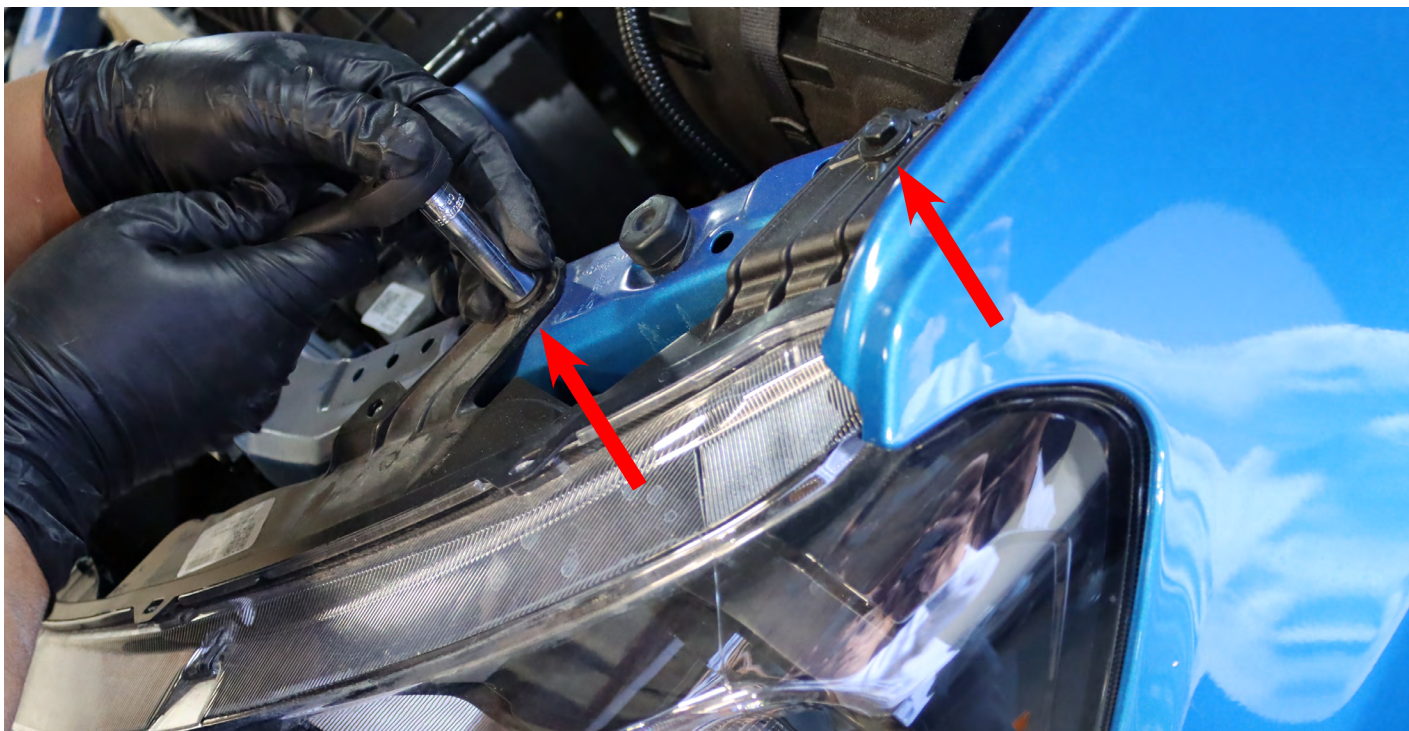


Carefully remove the upper front bumper and set it aside for later reinstallation.



## STEP 5. REMOVE THE HEADLIGHTS

**NOTE:** Use a ratchet instead of a power tool to remove the top headlight bolts, especially if they have a Loctite-type threadlocker applied. Remove the 2 X 10mm bolts at the top of the headlight.



Unscrew the 10mm bolt from the side of the front bumper.



Use the screwdriver to remove the plastic clip retainer.



Remove the headlight assembly by pulling it outward and unplugging the light socket. Follow the same steps for the other side of the headlight.





## PART II INSTALL HEADLIGHTS

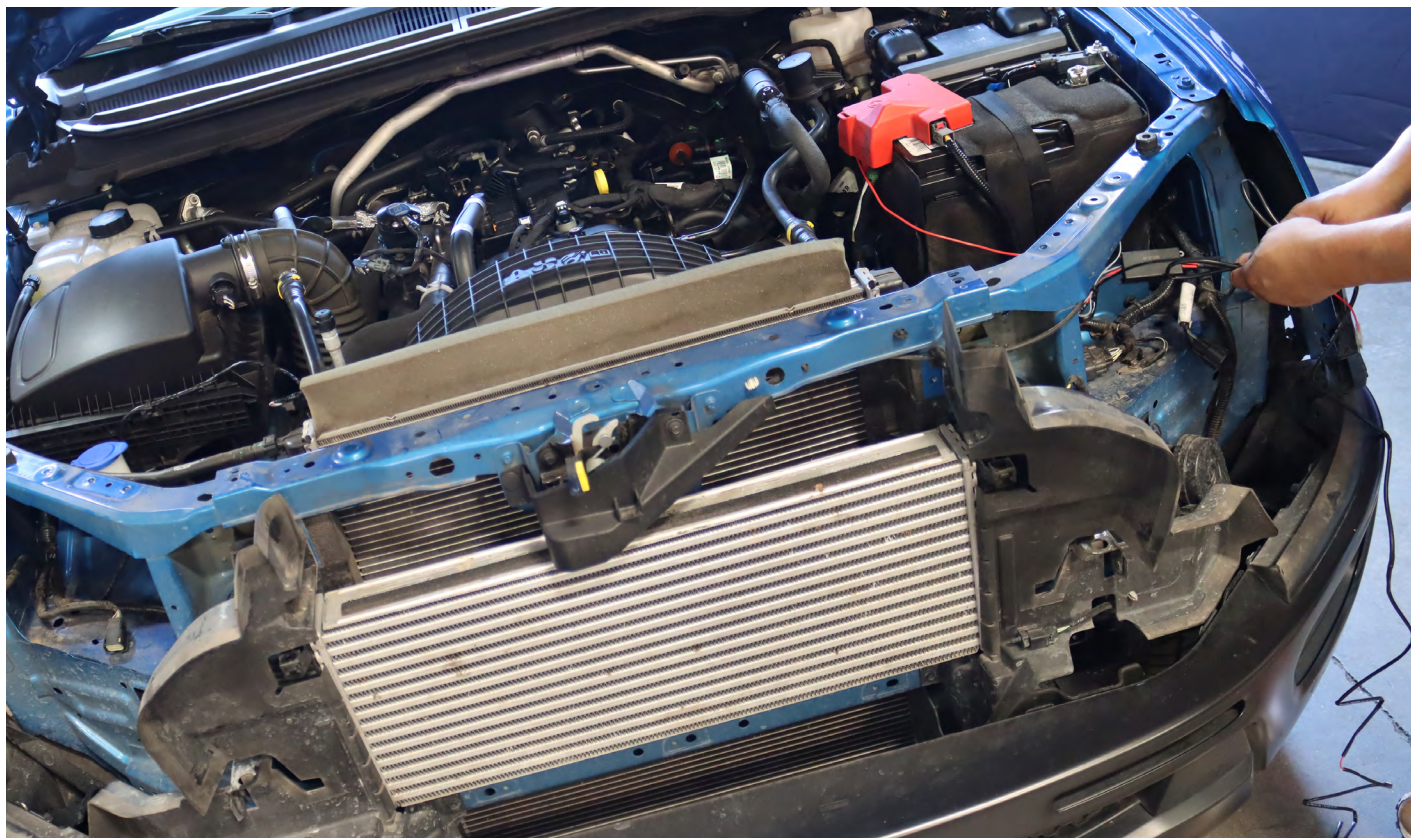


### STEP 1. ROUTE THE DRL HARNESS

Begin routing the DRL wires from the driver's side, which is closest to the battery and fuse box. Connect the red wire to the battery's positive terminal and the black wire to the battery's negative terminal or the 10mm bolt on the firewall.

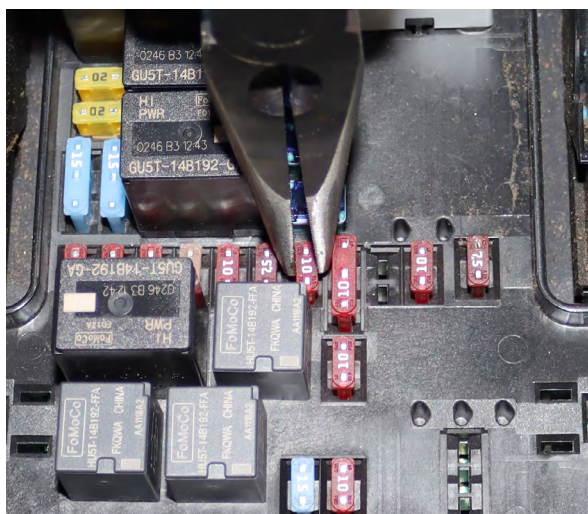
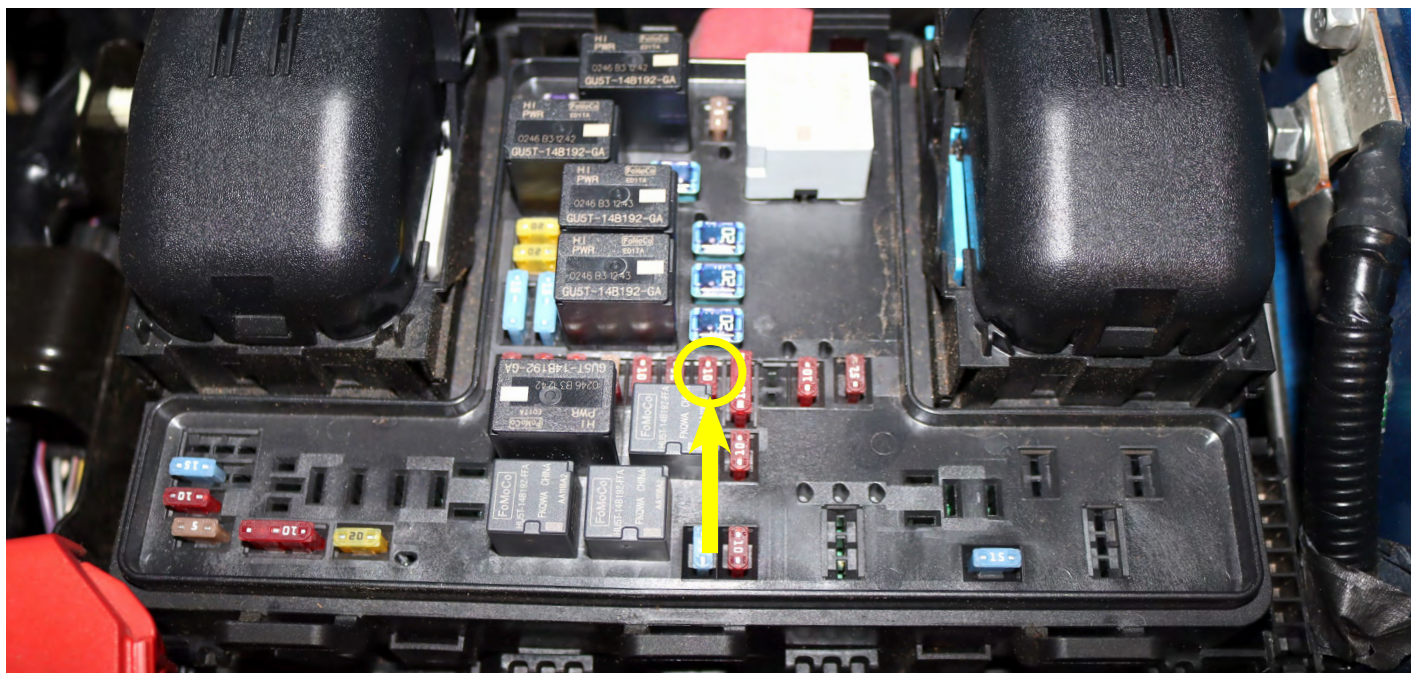


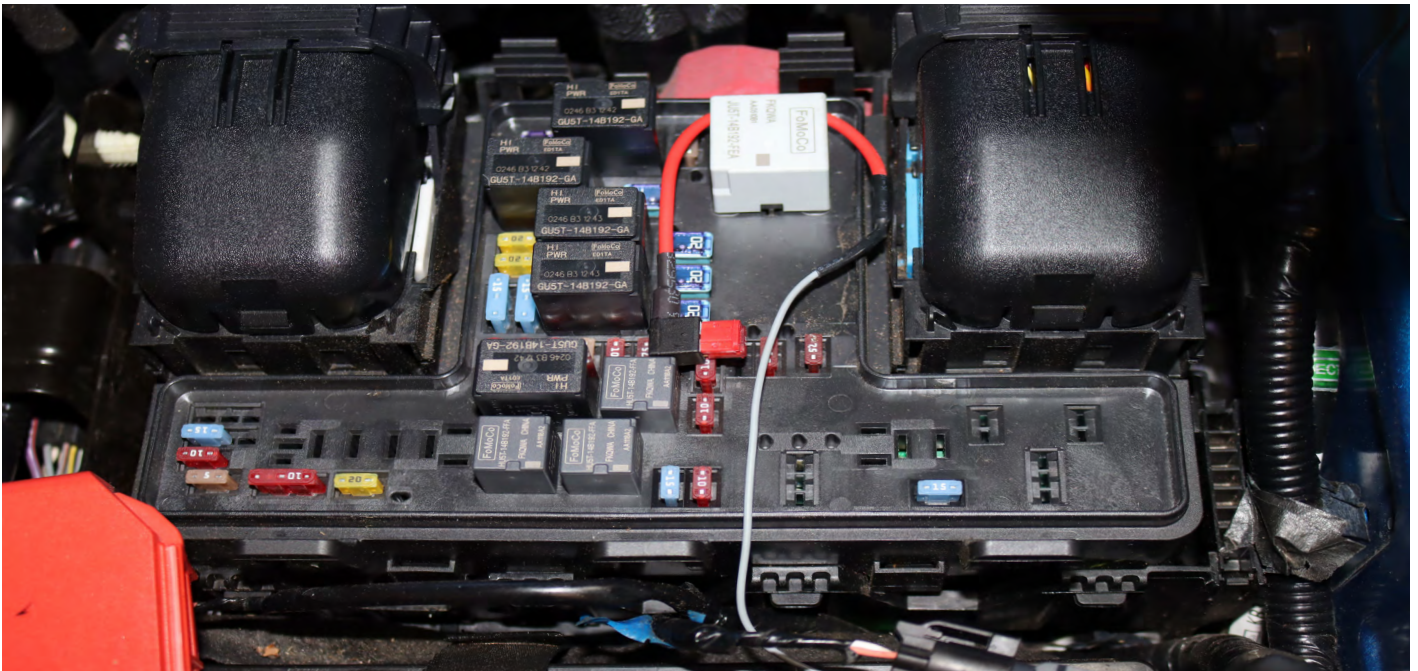
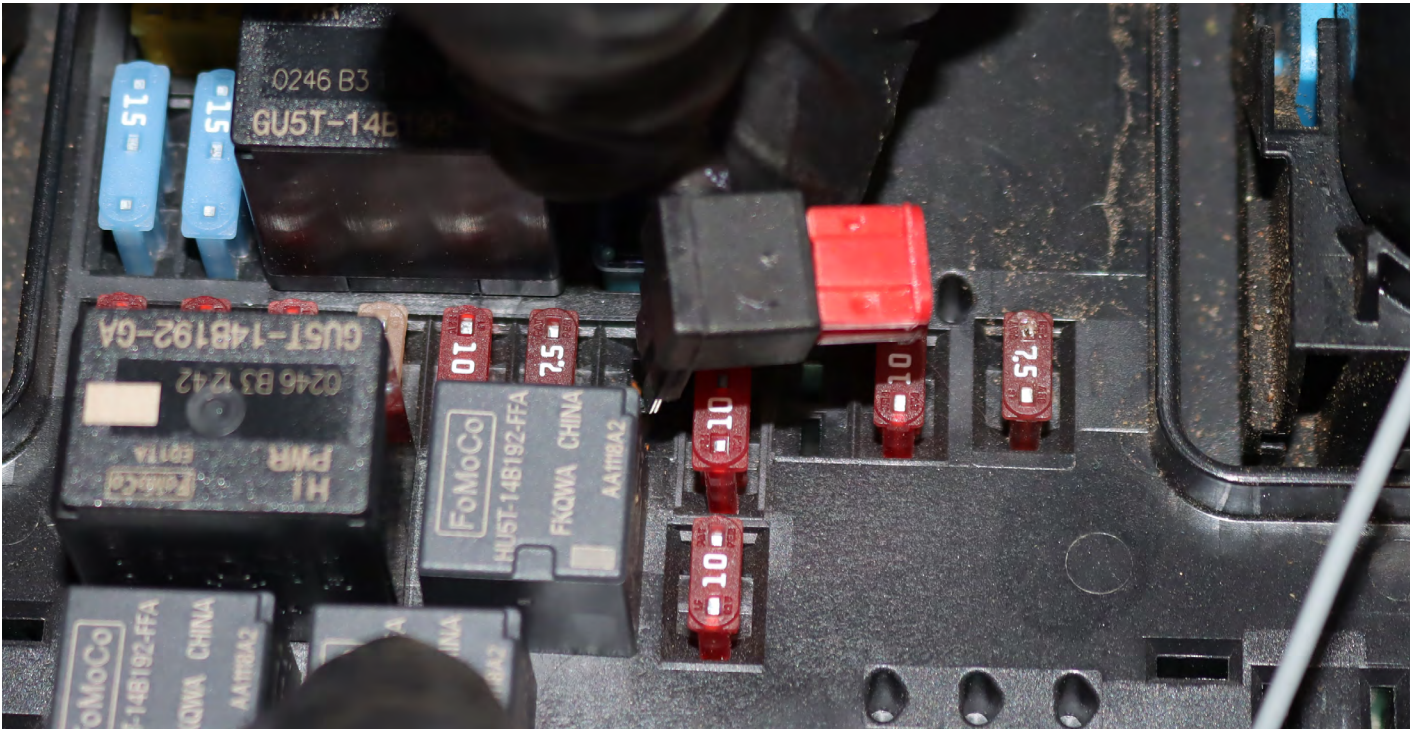
Continue routing the DRL wires to both sides of the headlamps.



## STEP 2. TAP THE FUSE

Open the fuse box and tap into the fuse 10A.





### STEP 3. PLUG AND INSTALL THE HEADLIGHTS

Connect the DRL wire and the light socket into the new ALPHAREX headlights.

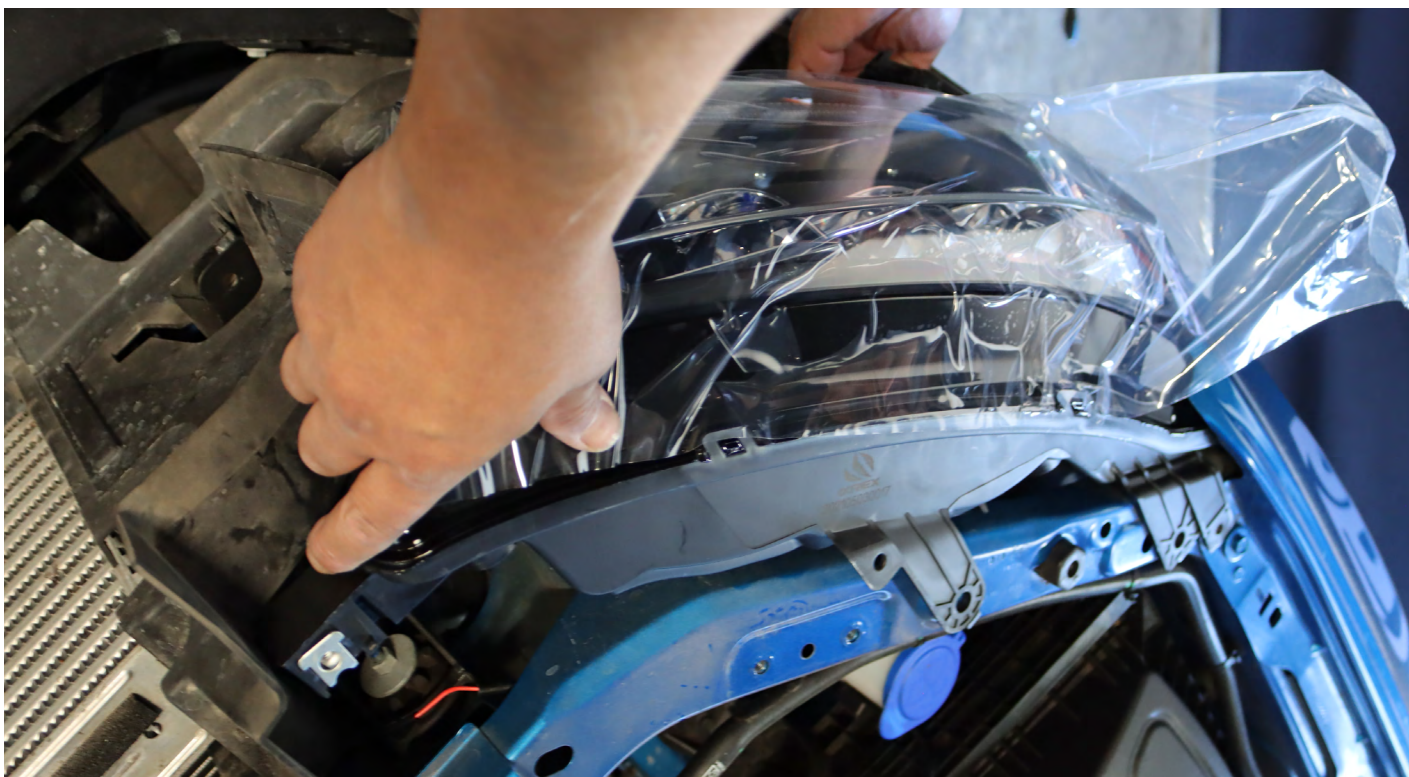
**DO NOT USE DIELECTRIC GREASE!**



Carefully install the headlight assembly into the vehicle.



Secure the headlight bolts onto the truck. Follow the same steps for the other side of the headlight. Complete the headlight installation by reversing the removal process of the truck's body parts.









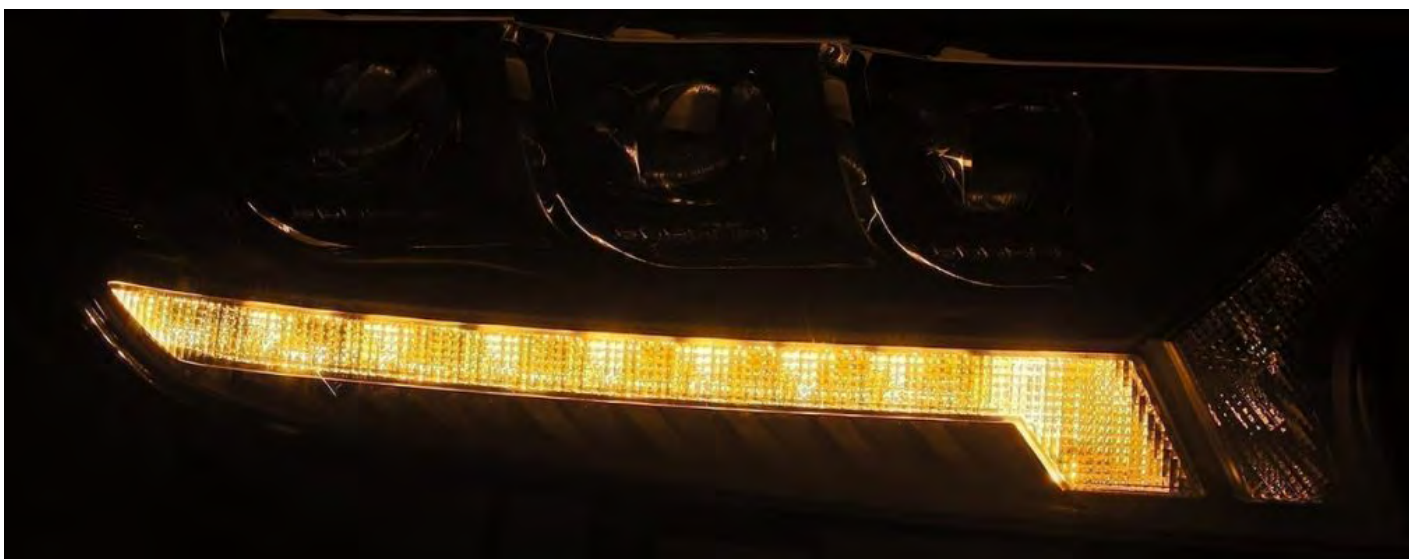
## STEP 4. DISSABLE THE DAYTIME LIGHTS FROM THE DASHBOARD

To ensure proper functioning of the new ALPHAREX headlights, it is recommended to disable the vehicle's factory DAYTIME LIGHTS from the settings.



## STEP 5. TEST THE HEADLIGHT FUNCTIONS

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



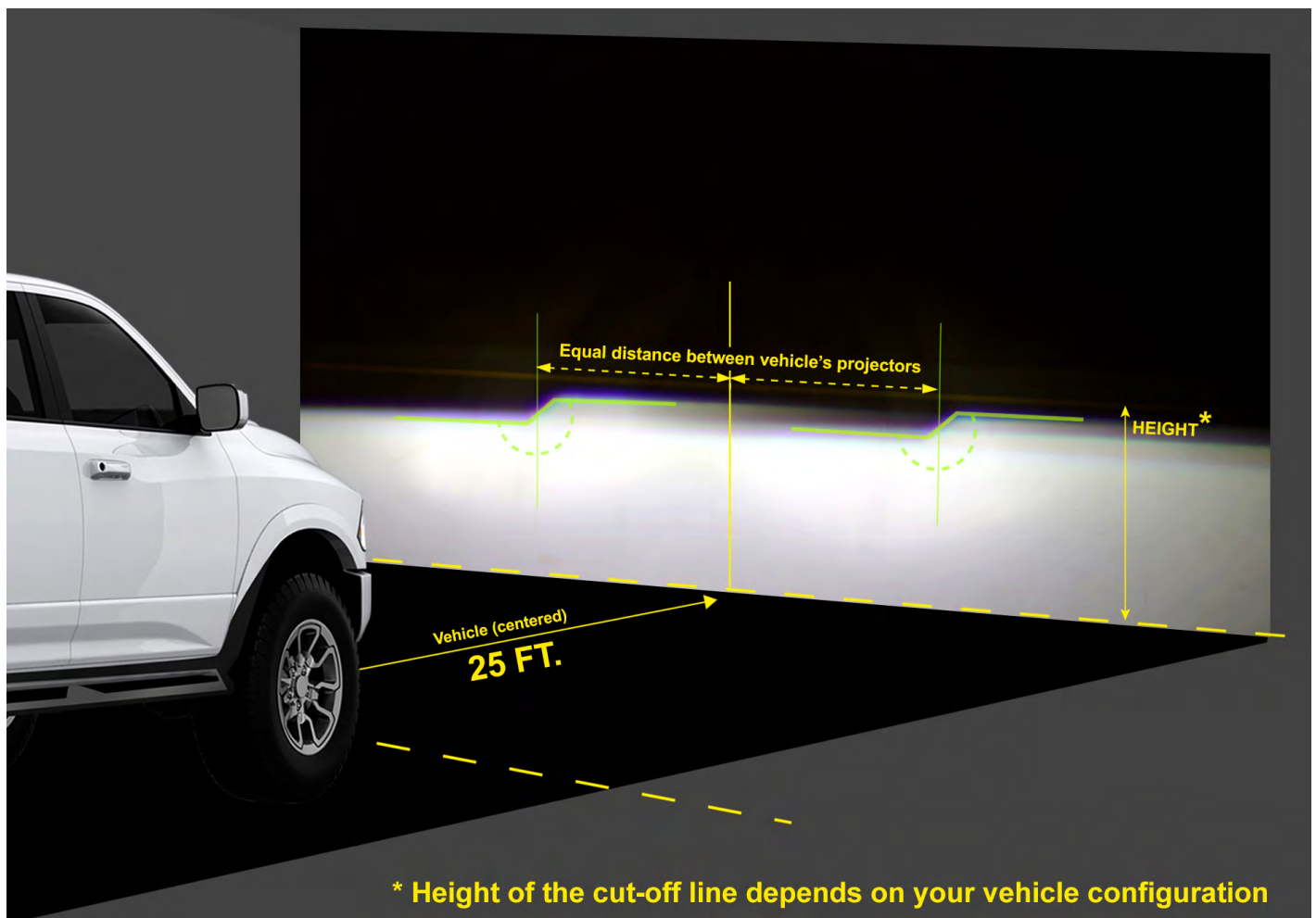
## STEP 6. ADJUST HEADLIGHT LEVEL

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

**Clockwise to lower the level**

**Counterclockwise to raise the level**

*Follow the same procedure for the other headlight.*



## STEP 7. COMPLETE INSTALLATION

Congratulations! You have completed the installation for ALPHAREX **19-22 Ford Ranger HEADLIGHTS.**

