



Installation Guide for 2018-20 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 2018-20 Ford F150

DO NOT USE DIELECTRIC GREASE!



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PART I REMOVE HEADLIGHTS

INSTALLATION TOOLS

PREPARE THESE TOOLS FOR INSTALLATION



Metal
Panel
Popper



Flat
Screwdriver



Pliers



1/4 Ratchet



1/4 Extension

10mm
8mm
7mm
5.5mm

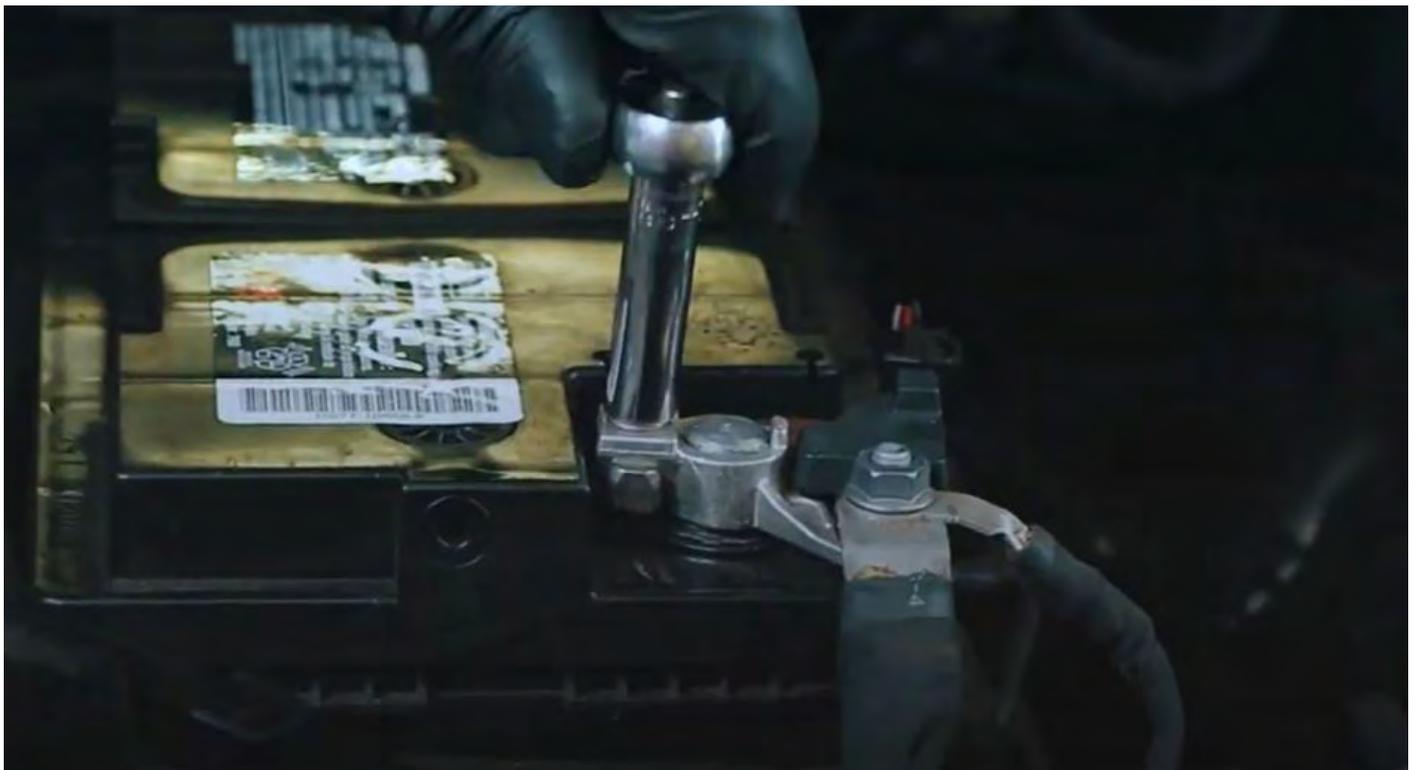


Socket

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

Begin by removing all the clips that secure the top plastic radiator shroud. Once the clips are extracted, remove the shroud and set it aside for later reinstallation.



STEP 3. REMOVE BUMPER TRIM PIECE

Unscrew the two 7mm bolts located inside each wheel well and proceed with their removal.

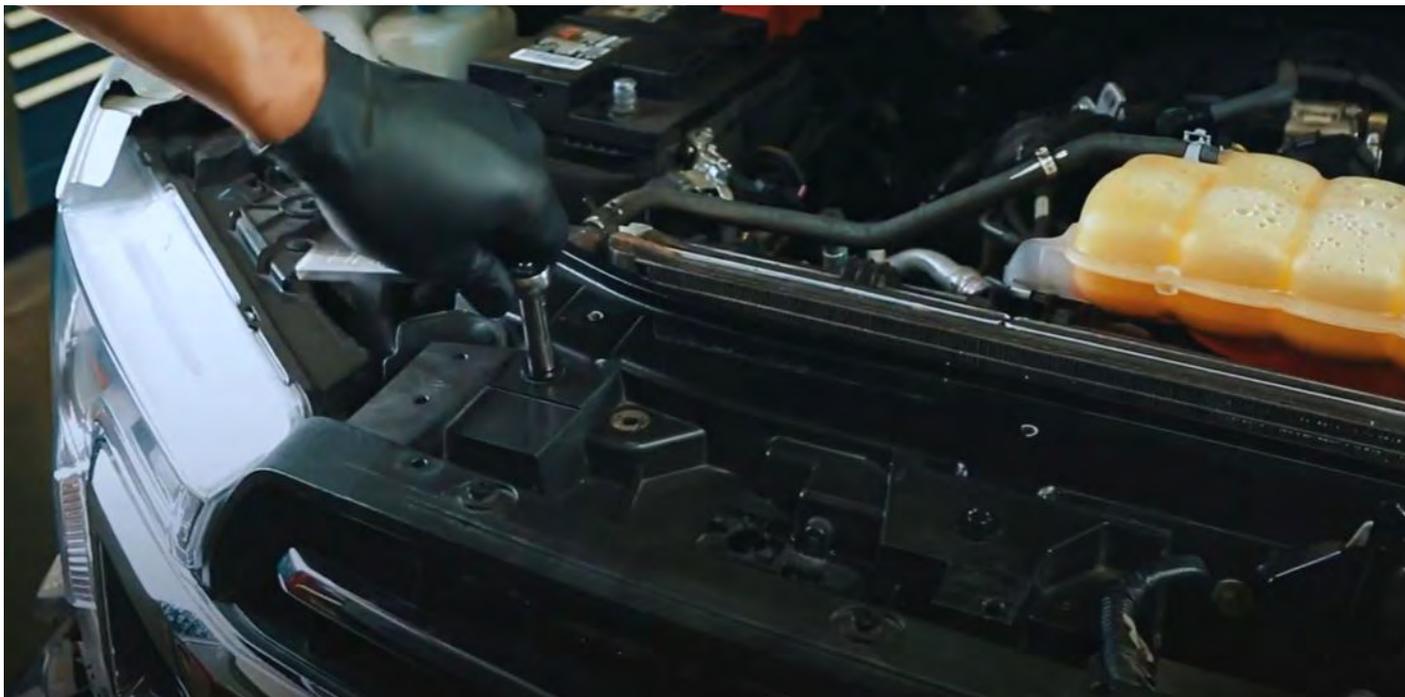


Gently pull the bumper trim piece from the truck and set it aside for future installation.



STEP 4. UNPLUG CONNECTIONS FOR THE LIGHT WIRING

Take out the two plastic clips and the four 10mm bolts securing the top of the grille.



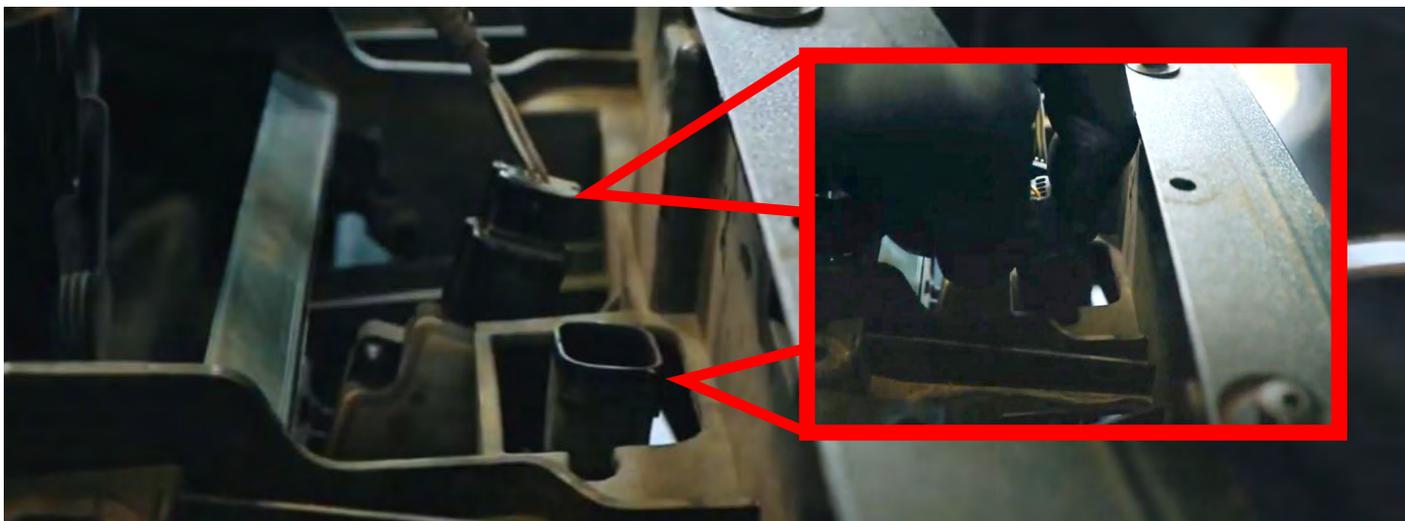
Unscrew the 8mm bolt located beneath each headlight and proceed with their removal.



Detach the plastic clips that secure the light wiring.

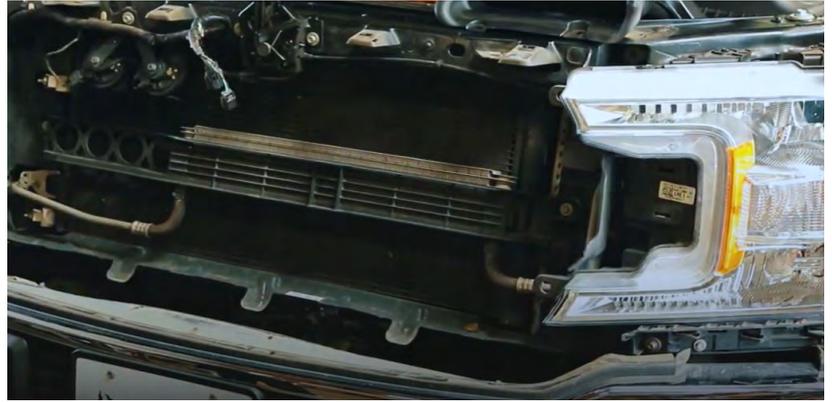


Disconnect the two connections for the active grille located at the top of the radiator area.



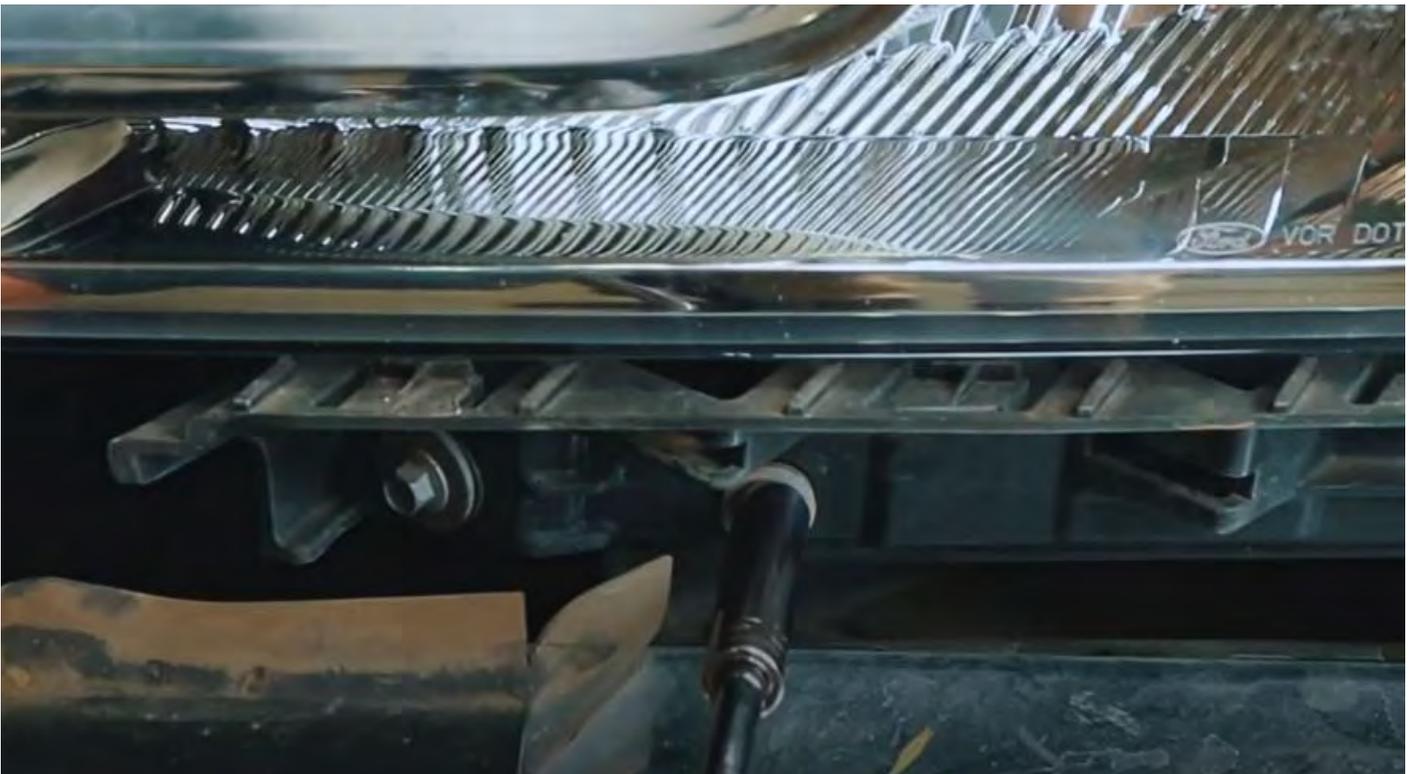
STEP 5. REMOVE THE GRILLE

Take out the grille assembly and place it aside for later reinstallation.



STEP 6. REMOVE HEADLIGHT BOLTS

Detach the headlight by removing the bolts securing it to the truck. Each headlight should have six 10mm bolts, one 8mm bolt, and one push clip on the top. Remove all these fasteners to free the headlight.



Additionally, there is one 10mm bolt situated behind the fender flare that needs to be removed to detach the headlight.



STEP 7. UNPLUG HEADLIGHT WIRING CONNECTION

Gently slide the headlight forward to carefully remove it from its position.



Disconnect the wiring connection from the back of the headlight housing and place it aside.



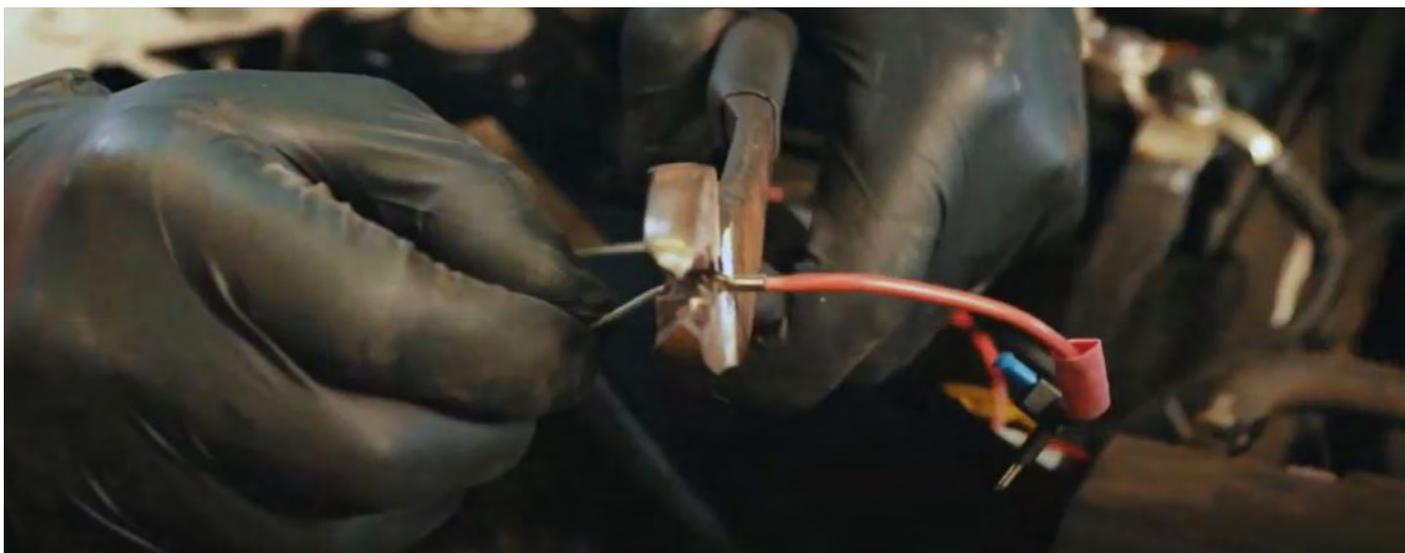
STEP 8. ROUTE THE DRL HARNESS

Guide the daytime running lights harness towards the two headlights, beginning at the passenger side, which is closest to the truck's battery.

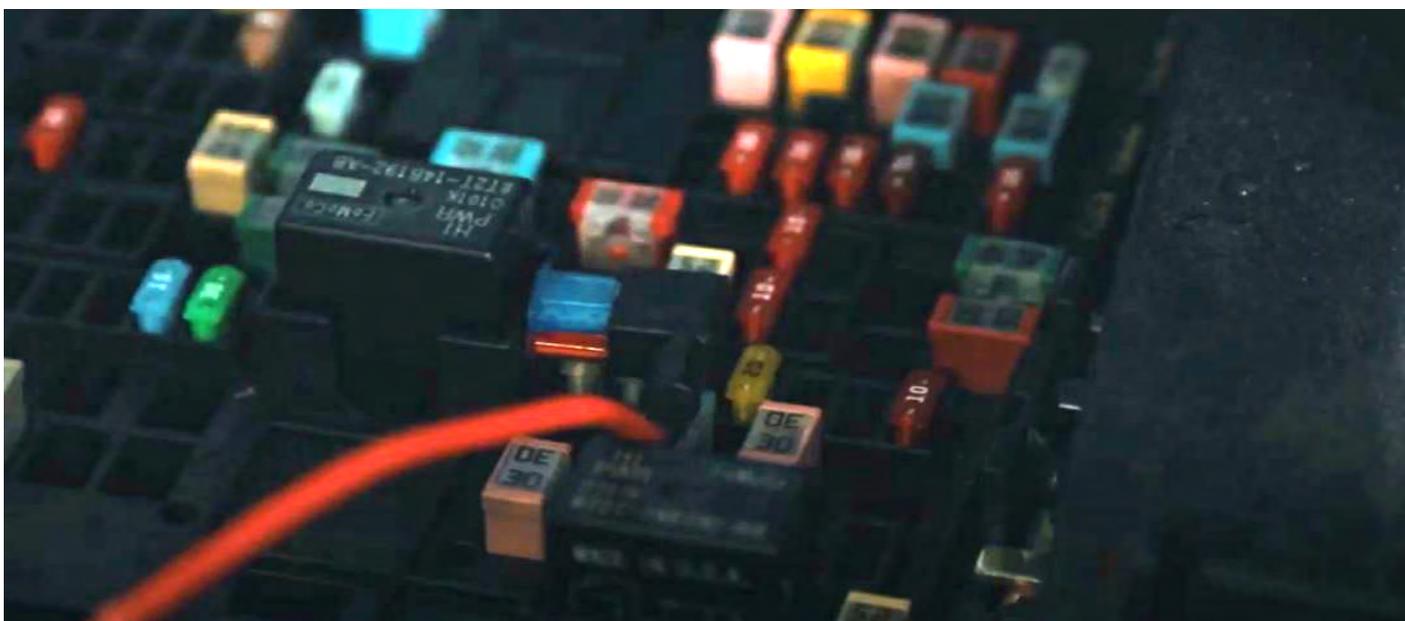
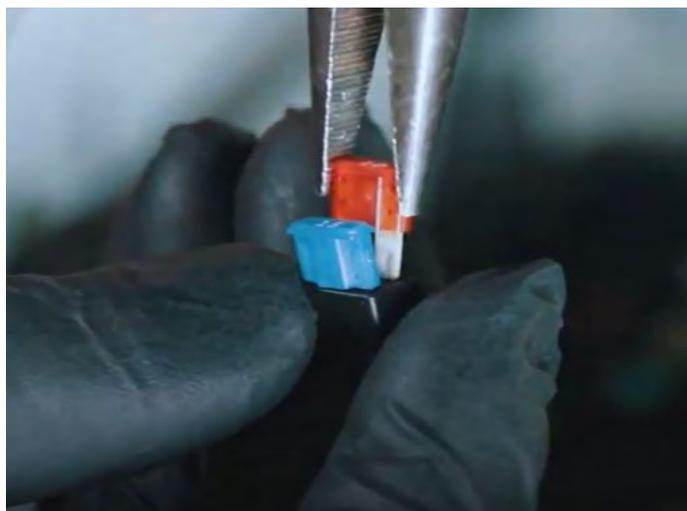


STEP 9. CONNECT DRL HARNESS TO THE FUSE TAP

Crimp the gray wire from the daytime running lights harness to the fuse tap.



Proceed to the fuse box and tap into either fuse number 36 or fuse number 10 using the fuse tap.



Link the red wire to the positive terminal of the battery and the black wire to the negative terminal.



Use zip ties to secure and fasten the yellow connection to the daytime running lights harness, ensuring a stable and tidy arrangement.



PART II INSTALL HEADLIGHTS

STEP 1. INSTALL ALPHAREX HEADLIGHTS



Attach the stock headlight connectors and the daytime running lights connector to the ALPHAREX headlight. Proceed to install the headlight onto the truck.

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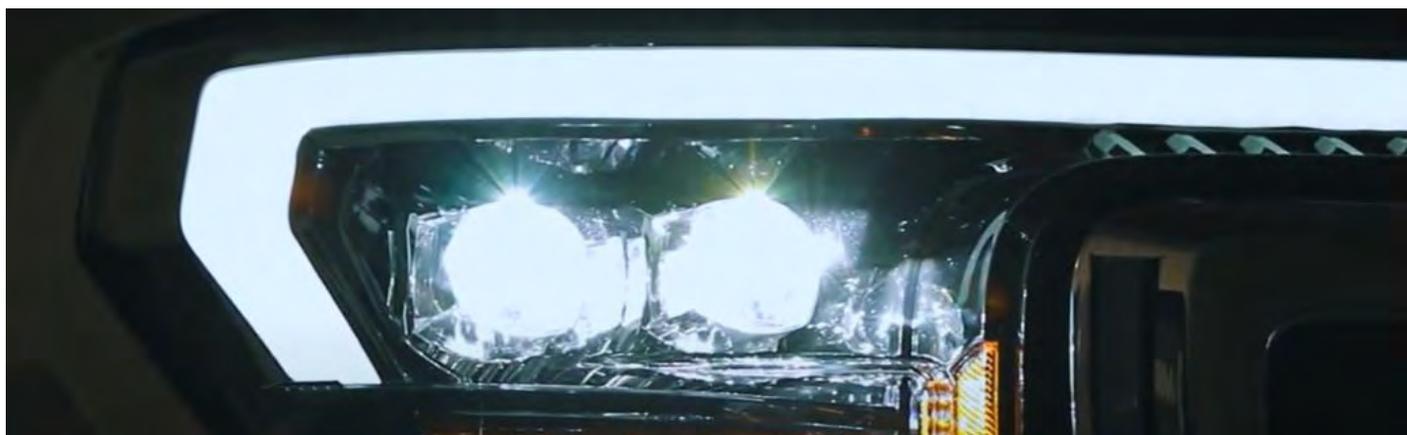
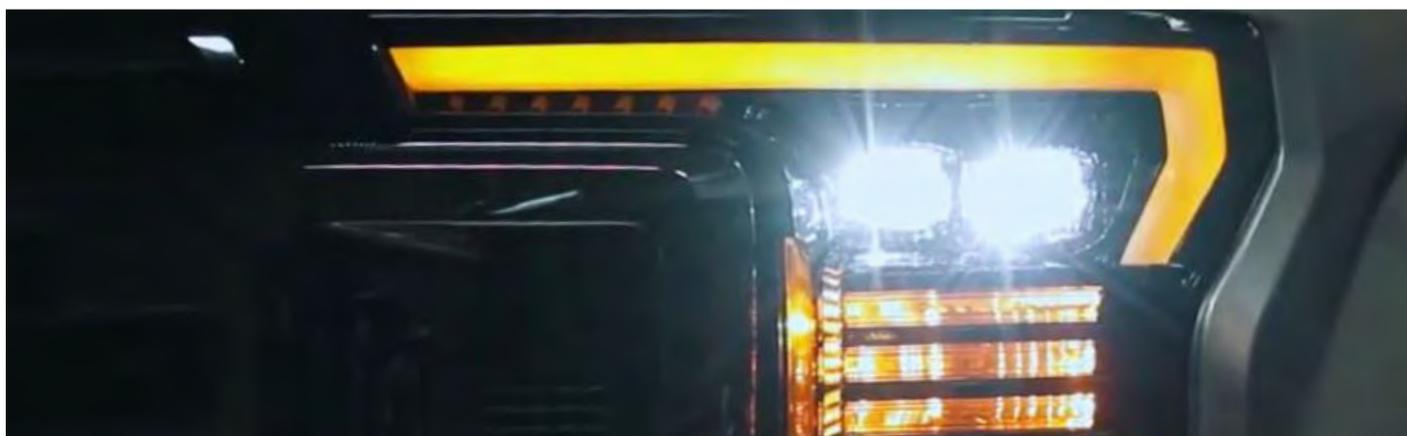


Repeat the earlier steps for removal and installation on the opposite side headlight.



STEP 2. TEST THE HEADLIGHT FUNCTIONS

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

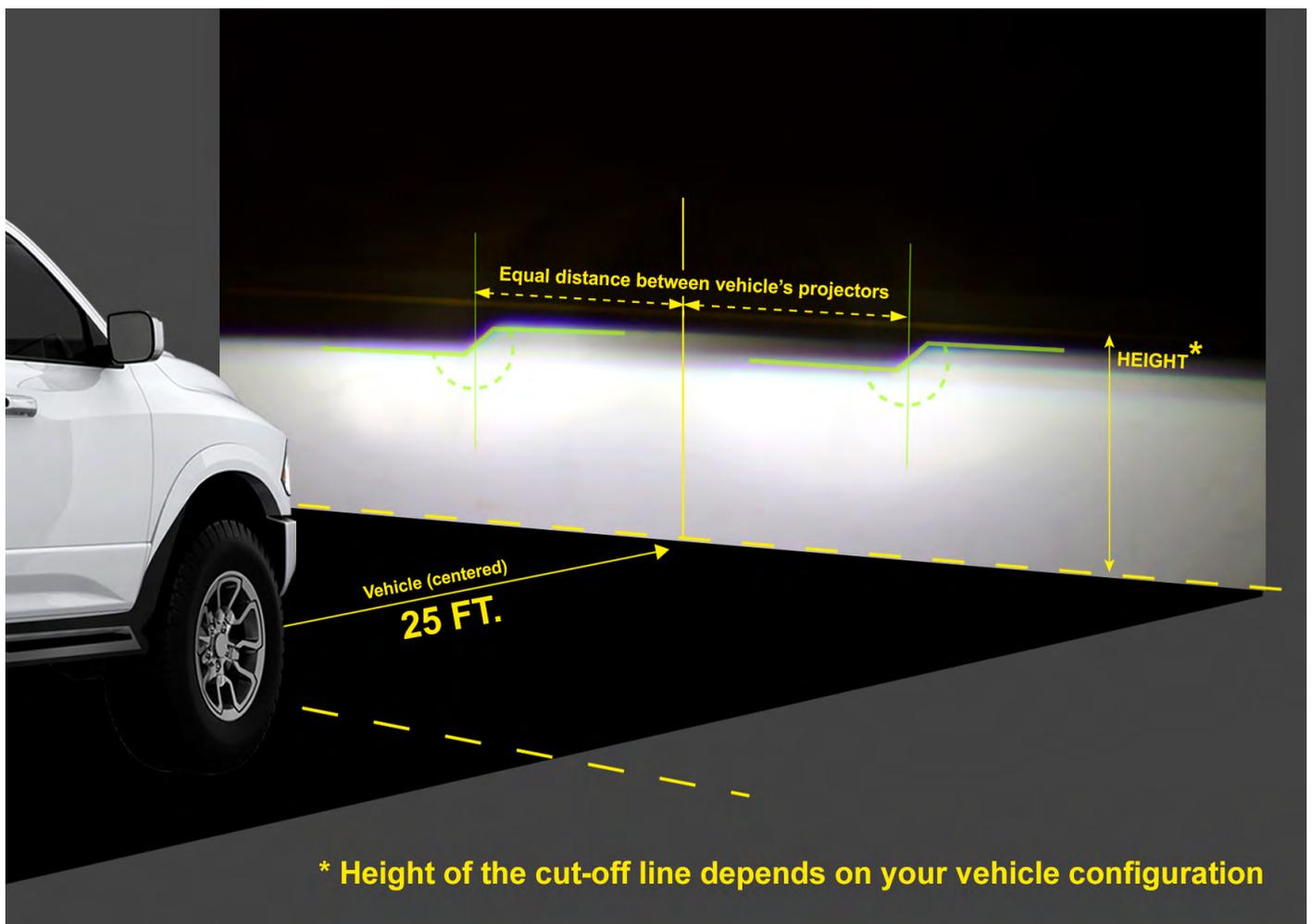
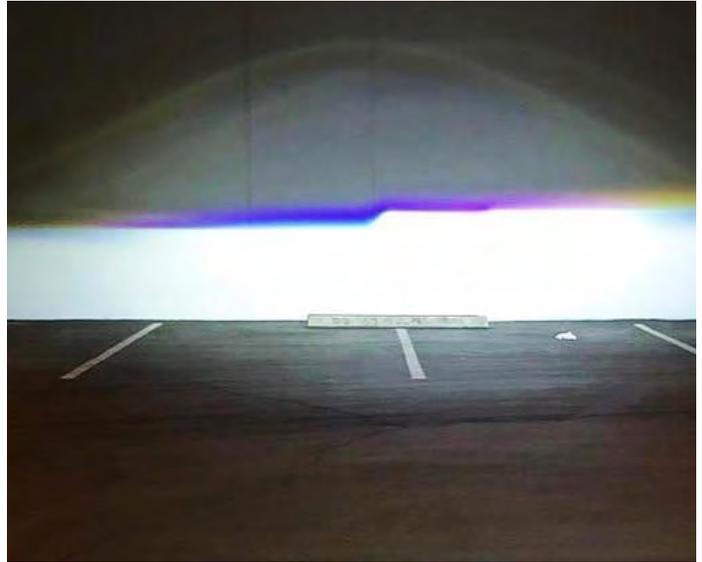


STEP 3. ADJUST HEADLIGHT LEVEL

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



* Height of the cut-off line depends on your vehicle configuration

STEP 4. COMPLETE INSTALLATION

Congratulations! You have completed the installation for ALPHAREX **18-20 Ford F150 HEADLIGHTS**.

