

Installation Guide for 18-20 FORD F-150 Headlights

ALPHAREX specializes in designing and producing superior and uniquely stylish aftermarket automotive performance lighting with unrival innovative technology. The following installation guide we take you through the installation of your new **ALPHAREX HEADLIGHTS** for your 2018-20 Ford F-150 step by step.

NOTE: Some vehicle require the DRL harness installed for the headlight to function properly.



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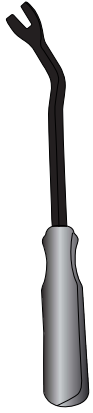
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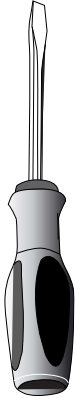
PART I REMOVE HEADLIGHTS

INSTALLATION TOOLS

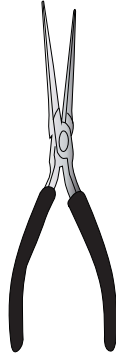
PREPARE THESE TOOLS FOR INSTALLATION



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

Start by removing all the clips holding the top plastic radiator shroud and remove the shroud and set it aside to be reinstalled later.



STEP 3. REMOVE BUMPER TRIM PIECE

Remove the 2 X 7mm bolts from inside each wheel well.



Carefully pull the bumper trim piece from the truck and set it aside for later installation.



STEP 4. UNPLUG CONNECTIONS FOR THE LIGHT WIRING

Remove the two plastic clips and the 4 X 10mm bolts from the top of the grille.



Remove the 8mm bolt from below each headlight.



Remove the plastic clips securing the light wiring.



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



STEP 5. REMOVE THE GRILLE

Remove the grille assembly and set it aside to be reinstalled later.



STEP 6. REMOVE HEADLIGHT BOLTS

Remove the bolts attaching the headlight to the truck. Each headlight has six 10mm bolts, 1 X 8mm bolt and one push clip on top.



One 10mm bolt is located behind the fender flare.

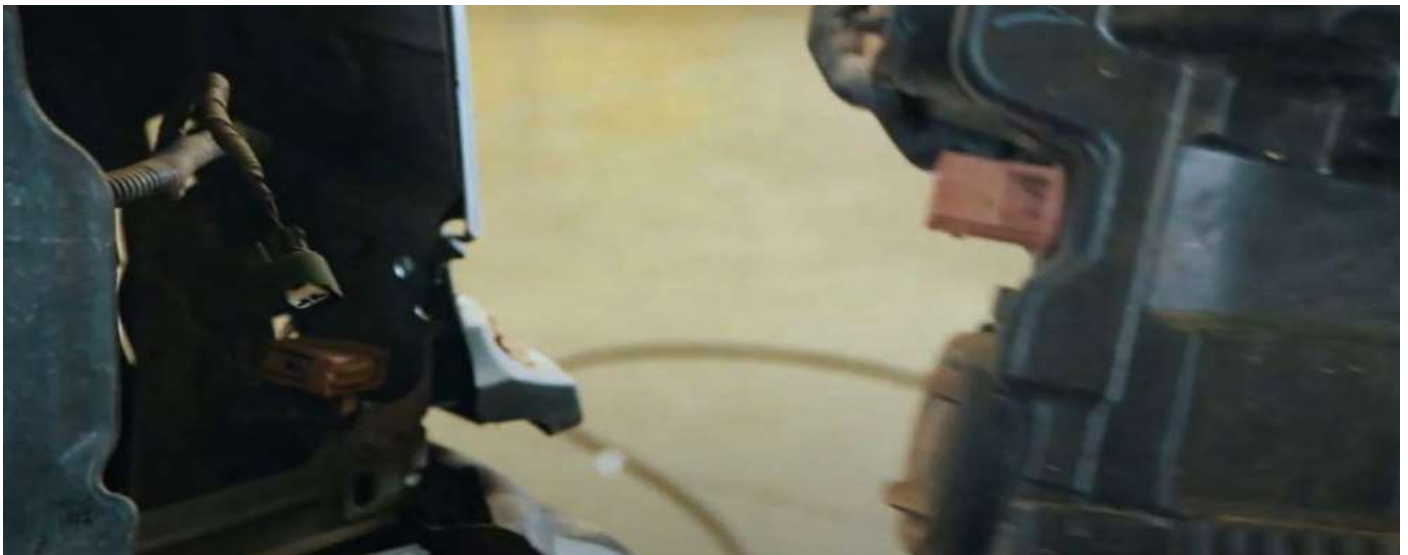


STEP 7. UNPLUG HEADLIGHT WIRING CONNECTION

Carefully remove the headlight by sliding it forward.



Unplug the wiring connection from the back of the headlight housing and set it aside.



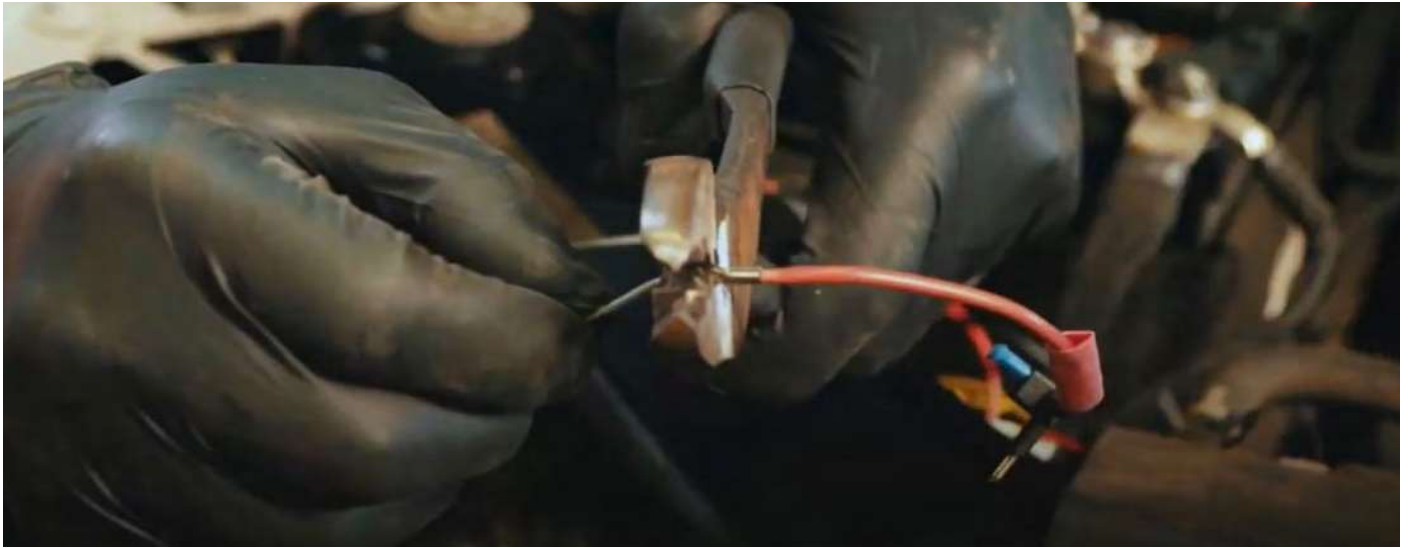
STEP 8. ROUTE THE DRL HARNESS

Route the daytime running lights harness to the two headlights. Start at the passenger side which is closest to the trucks battery.

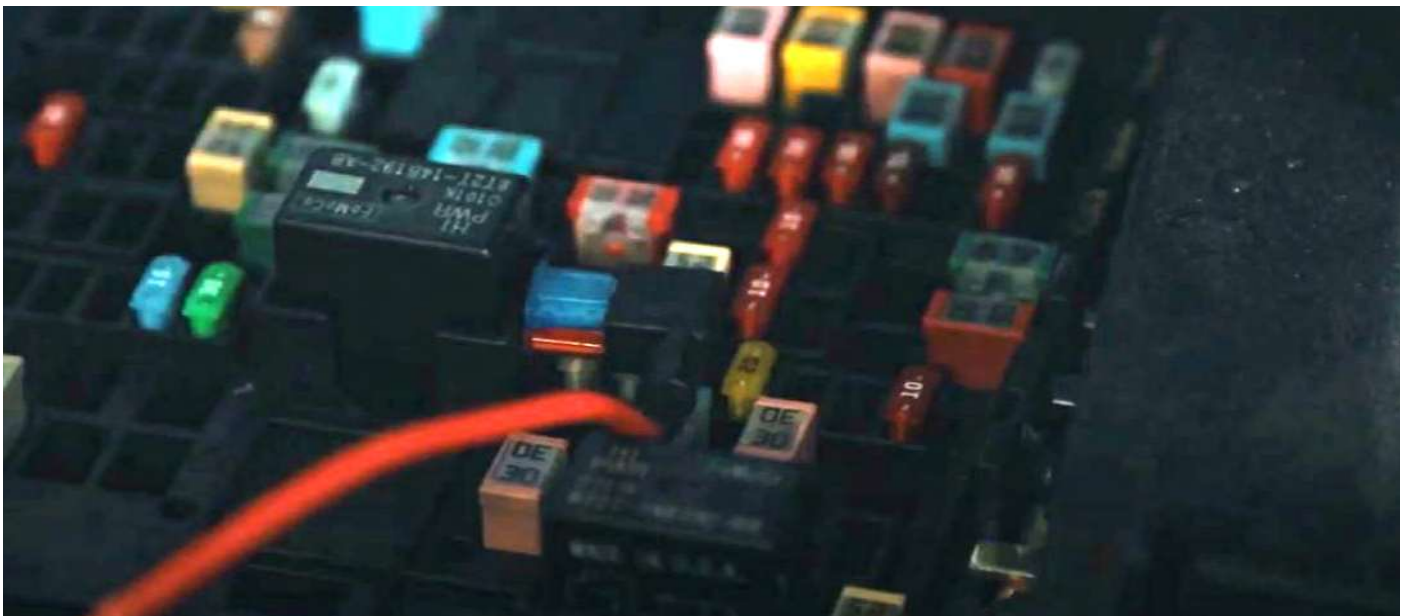
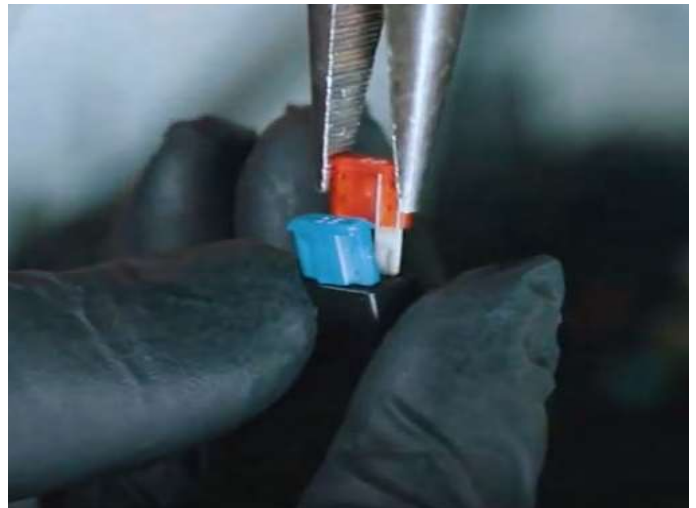


STEP 9. CONNECT DRL HARNESS TO THE FUSE TAP

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



Go to the fuse box and tap into fuse number 36 or fuse number 10.



Connect the red wire to the battery positive terminal and the black wire to the battery negative terminal.



Zip tie and secure the yellow connection to the daytime running lights harness.



PART II INSTALL HEADLIGHTS

STEP 1. INSTALL ALPHAREX HEADLIGHTS



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

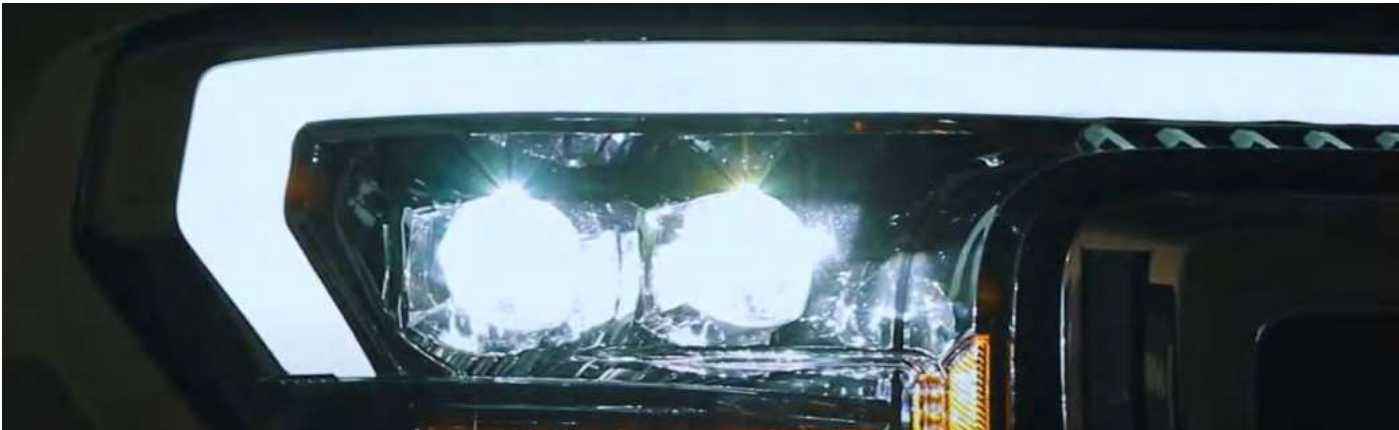


Repeat the previous steps from the opposite side headlight for removal and installation.



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



STEP 4. COMPLETE INSTALLATION

Congratulations! you have completed the installation for ALPHAREX 18-20 Ford F-150 Headlights

