

Installation Guide for 2021+ 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 2021+ Ford F-150 step by step.

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



Table of Contents



PART I REMOVE HEADLIGHTS

- **INSTALLATION TOOLS**
- **STEP 1.** Disconnecting the negative battery terminal
- **STEP 2.** Remove the radiator shroud
- **STEP 3.** Remove bumper trim piece
- **STEP 4.** Unplug two connections
- **STEP 5.** Remove the grille
- **STEP 6.** Remove headlight bolts
- **STEP 7.** Unplug headlight wiring connection
- **STEP 8.** Route the DRL harness
- **STEP 9.** Connect DRL harness to the fuse tap

PART II INSTALL HEADLIGHTS

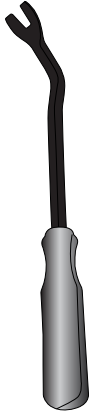
- **STEP 1.** Install ALPHAREX headlights
- **STEP 2.** Test the headlight functions
- **STEP 3.** Adjust headlight level
- **STEP 4.** Complete installation

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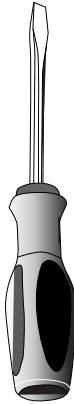
PART I REMOVE HEADLIGHTS

INSTALLATION TOOLS

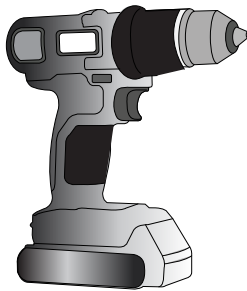
PREPARE THESE TOOLS FOR INSTALLATION



Metal Panel Popper



Flat Screwdriver



Power Tool



1/4 Ratchet



1/4 Extension

10mm
8mm
7mm



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

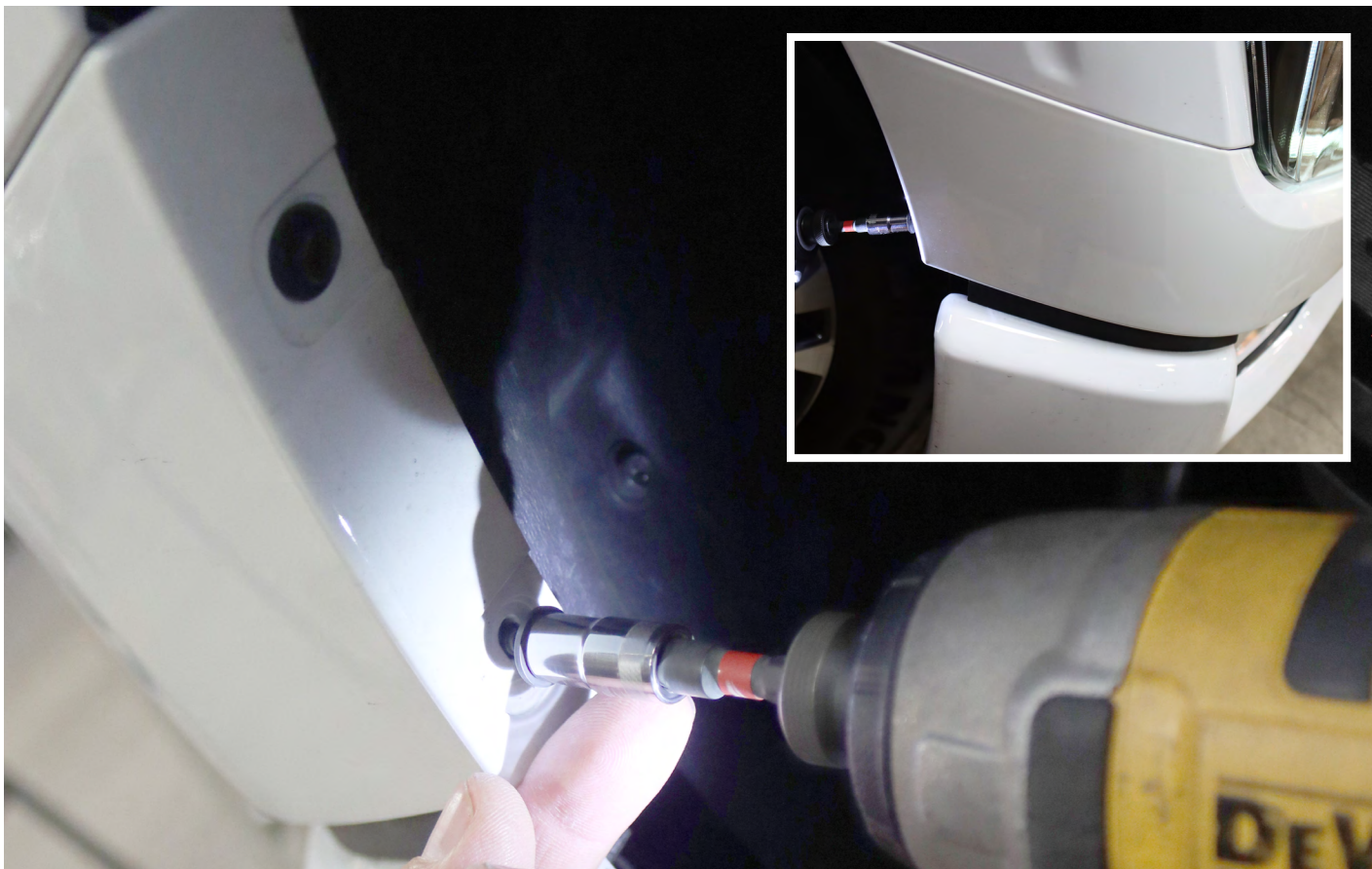
Start by removing all the clips holding the top plastic radiator shroud and remove the shroud and set it aside to be reinstalled later.





STEP 3. REMOVE BUMPER TRIM PIECE

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



Carefully remove by pulling the trim piece outward and set it aside to be reinstalled later.



STEP 4. UNPLUG TWO CONNECTIONS

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

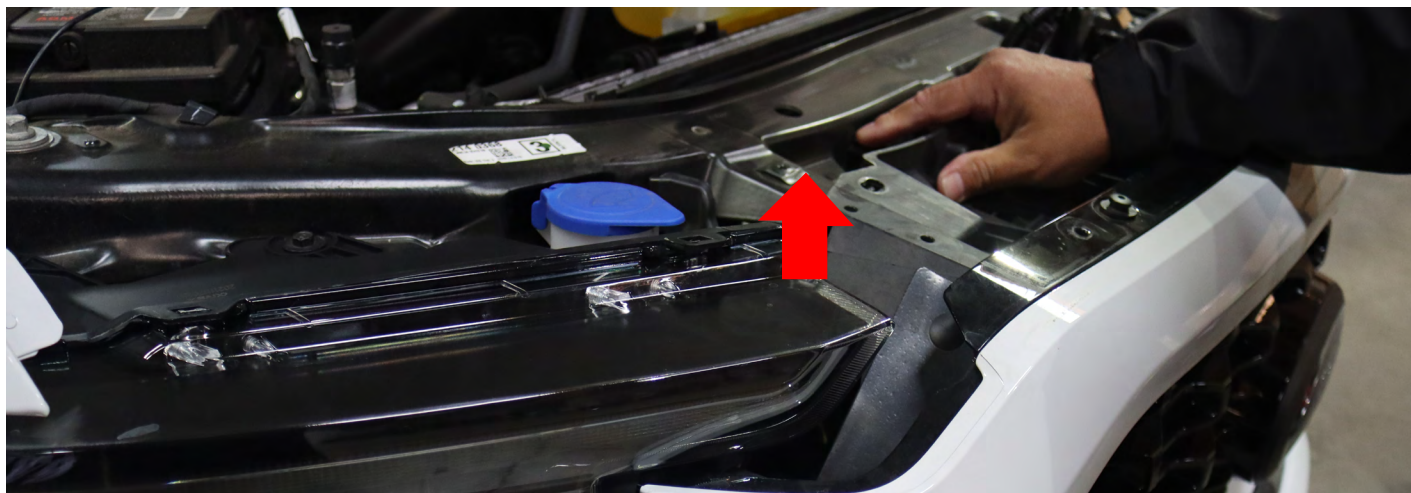


STEP 5. REMOVE THE GRILLE

Remove the 8mm bolt from below each side of the grille.



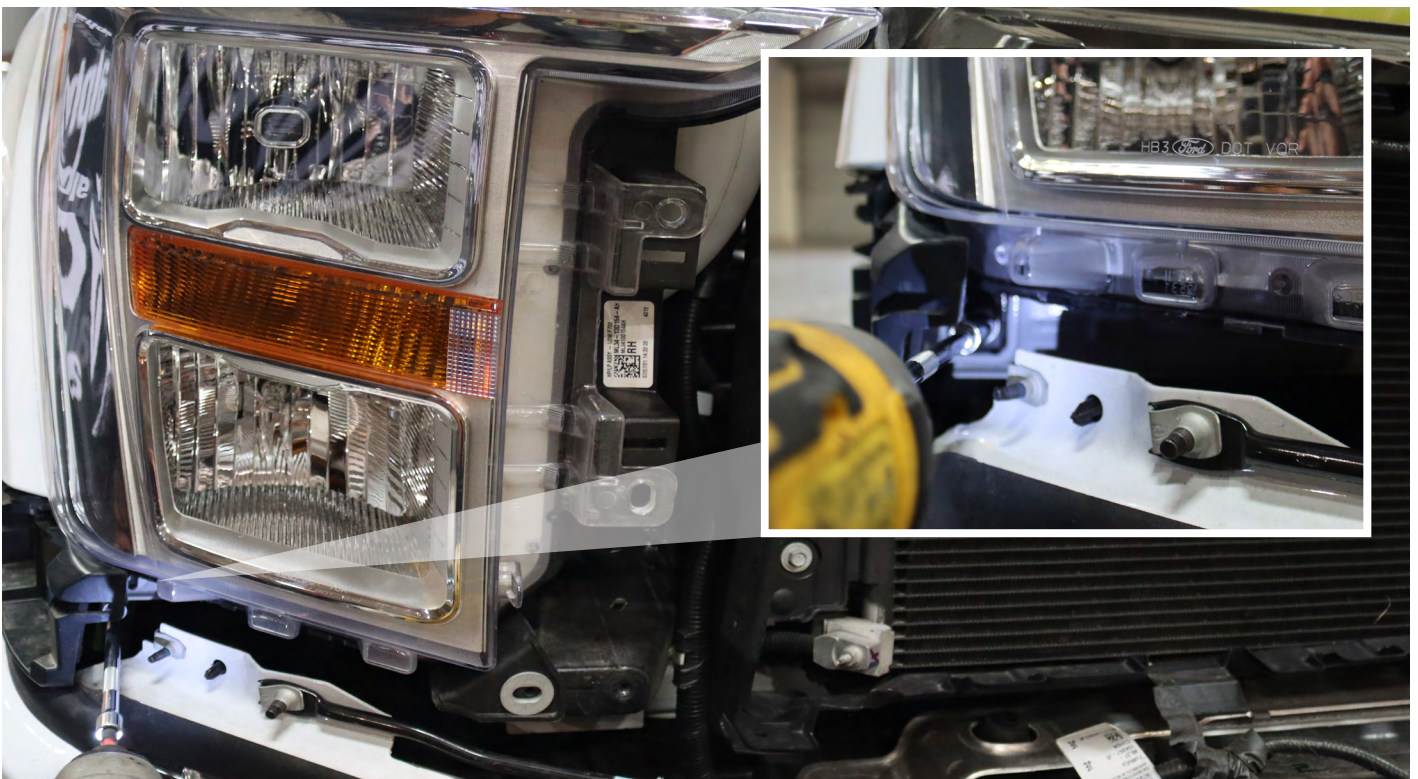
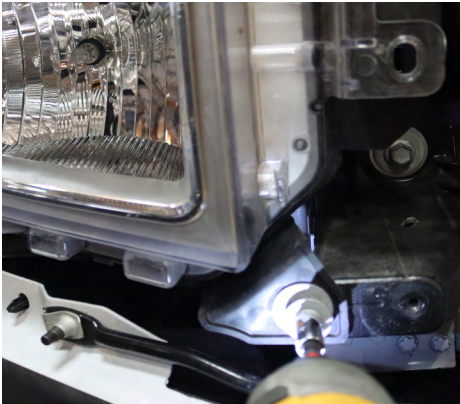
Release the two plastic tension clips and pull it outward gently by removing the grille assembly and set it aside to be reinstalled later.





STEP 6. REMOVE HEADLIGHT BOLTS

Remove the bolts attaching the headlight to the truck. Each headlight has 2 X 8mm screw bolts on the bottom and 1 X 10mm nut. One push clip on the top and 4 X 10mm bolts.



Carefully remove the headlight by sliding it outward.



STEP 7. UNPLUG HEADLIGHT WIRING CONNECTION

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





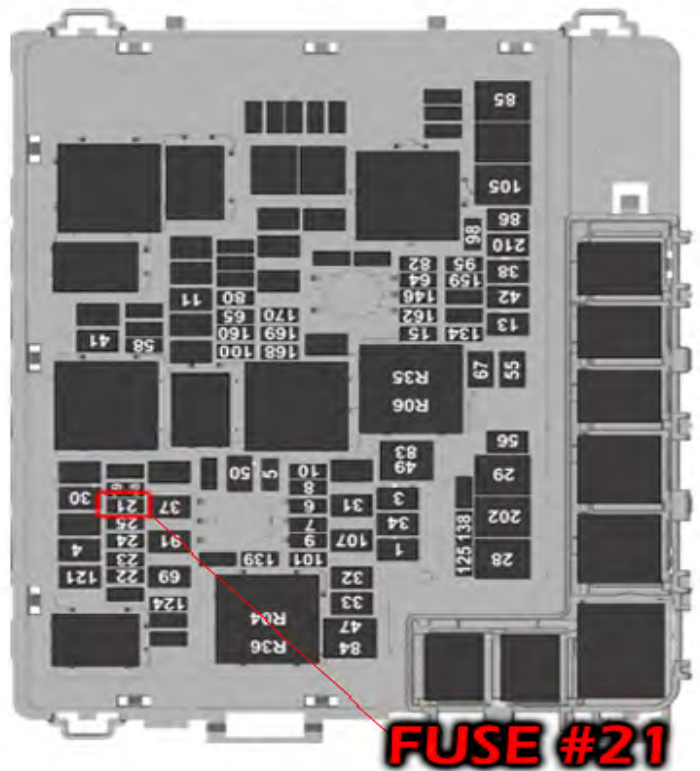
STEP 8. ROUTE THE DRL HARNESS

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

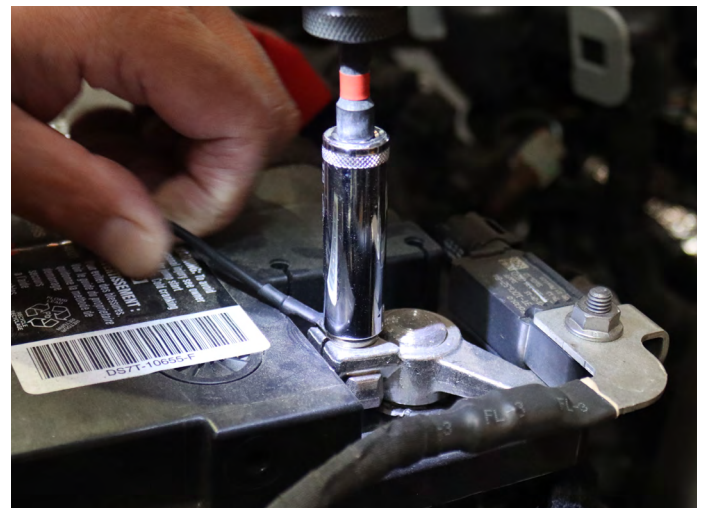


STEP 9. CONNECT DRL HARNESS TO THE FUSE TAP

Go to the fuse box and tap into fuse number 21.



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



Zip tie and secure the daytime running lights harness.

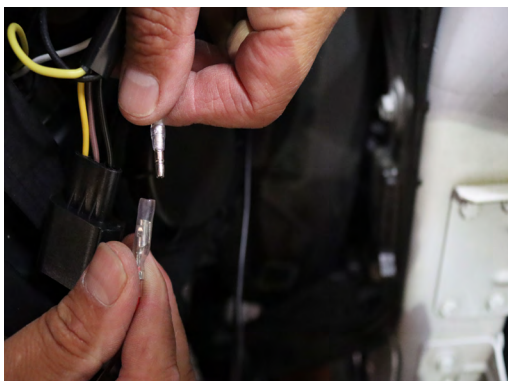


PART II INSTALL HEADLIGHTS

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 2021+ Ford F-150 Headlights

