

21-23-Ford-F-150 Bumper and Headlight Removal Guide

INSTALLATION TOOLS

PREPARE THESE TOOLS FOR INSTALLATION



Metal
Panel
Popper



Flat
Screwdriver



Power Tool



1/4 Ratchet



1/4 Extension

10m
m
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

To begin, carefully detach all the clips securing the top plastic radiator shroud. Once the clips are removed, take off the shroud and set it aside for reinstallation at a later stage.





STEP 3. REMOVE BUMPER TRIM PIECE

Unscrew the two 7mm bolts located within each wheel well and remove them.



Gently pull the trim piece outward to remove it, and set it aside for future reinstallation.



STEP 4. UNPLUG TWO CONNECTIONS

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

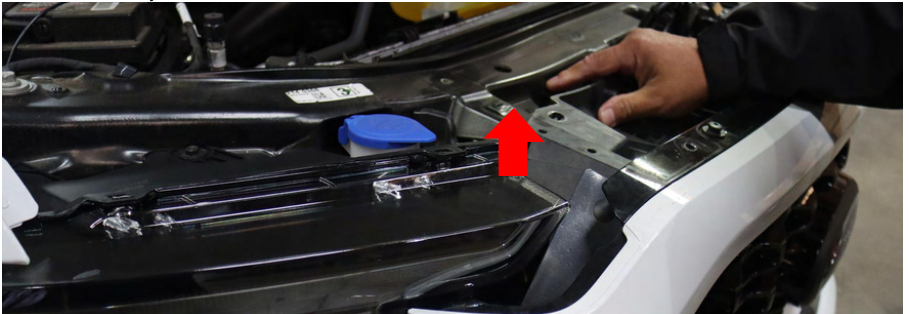


STEP 5. REMOVE THE GRILLE

Unscrew the 8mm bolt located beneath each side of the grille to remove it.



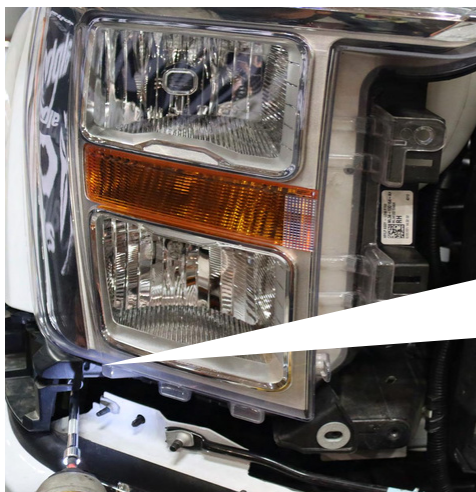
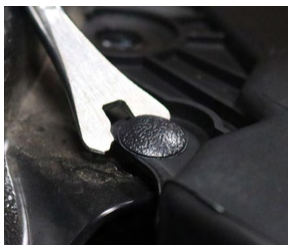
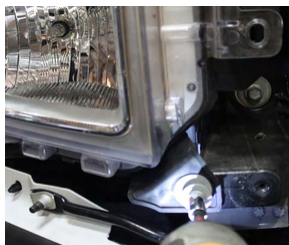
Release the two plastic tension clips and gently pull the grille assembly outward to remove it. Set the assembly aside for future reinstallation.





STEP 6. REMOVE HEADLIGHT BOLTS

Uninstall the headlight from the truck by loosening the following bolts: 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.



Gently slide the headlight outward to carefully remove it.



STEP 7. UNPLUG HEADLIGHT WIRING CONNECTION

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





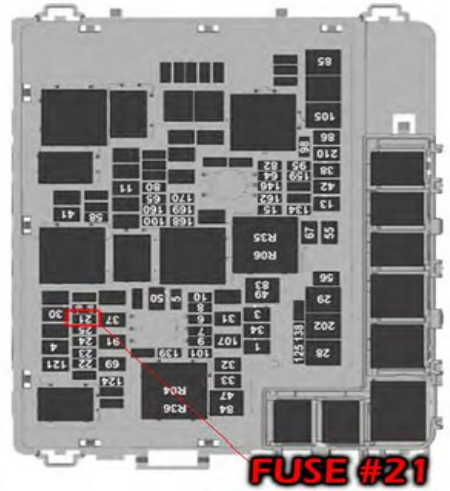
STEP 8. ROUTE THE DRL HARNESS

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



STEP 9. CONNECT DRL HARNESS TO THE FUSE TAP

Proceed to the fuse box and connect to fuse number 21.



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



Securely fasten and organize the daytime running lights harness using zip ties.

