



RAPTOR STYLE GRILLE LIGHT KIT

(2015-2017 F-150, EXCLUDING RAPTOR)

INSTALLATION INSTRUCTIONS

CONTENTS

- (1) Light Bracket
- (2) "L" Mounting Brackets
- (2) M6 Bolts
- (2) M6 Flat Washers
- (2) M6 Lock Nuts
- (3) LED Lights
- (1) Harness
- (2) Scotch Lock Connectors
- (5) Cable Ties

TOOLS REQUIRED

- Panel Removal Tool
- Flat Blade Screw Driver
- 7, 10mm Socket
Extension
- Ratchet
- Pliers
- Test Light or Multimeter

SKU: T543357



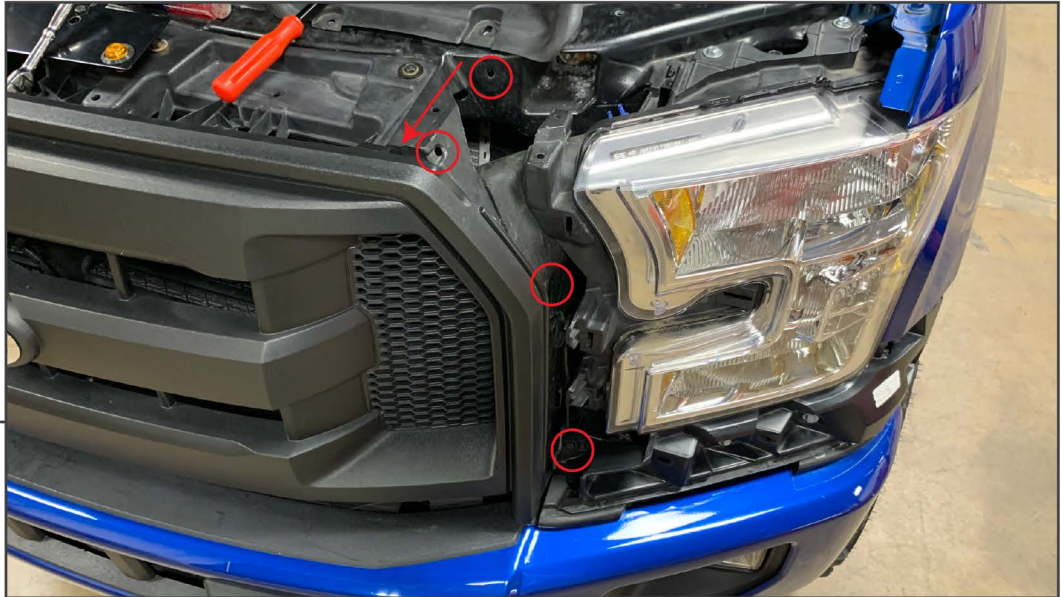
STEP 1

Using a panel removal tool or flat blade screw driver, remove the (10) clips holding the radiator cover to the vehicle.



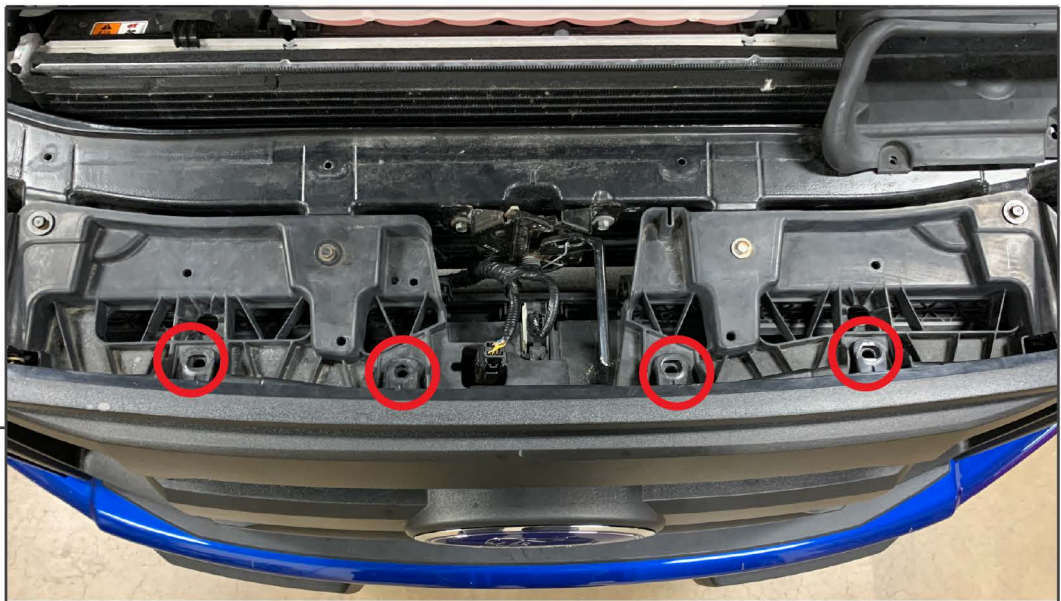
STEP 2

Remove the (1) push clip and (2) 7mm screws securing the headlight bezels to the vehicle. Then carefully pull the bezel away from the vehicle.



STEP 3

Remove the (3) plastic clips that hold the rubber air dam to the grille surround. Then remove the (2) 10mm fasteners that hold the grille to the vehicle. Repeat the process on the other side.



STEP 4

Remove the (4) clips across the top of the grille.



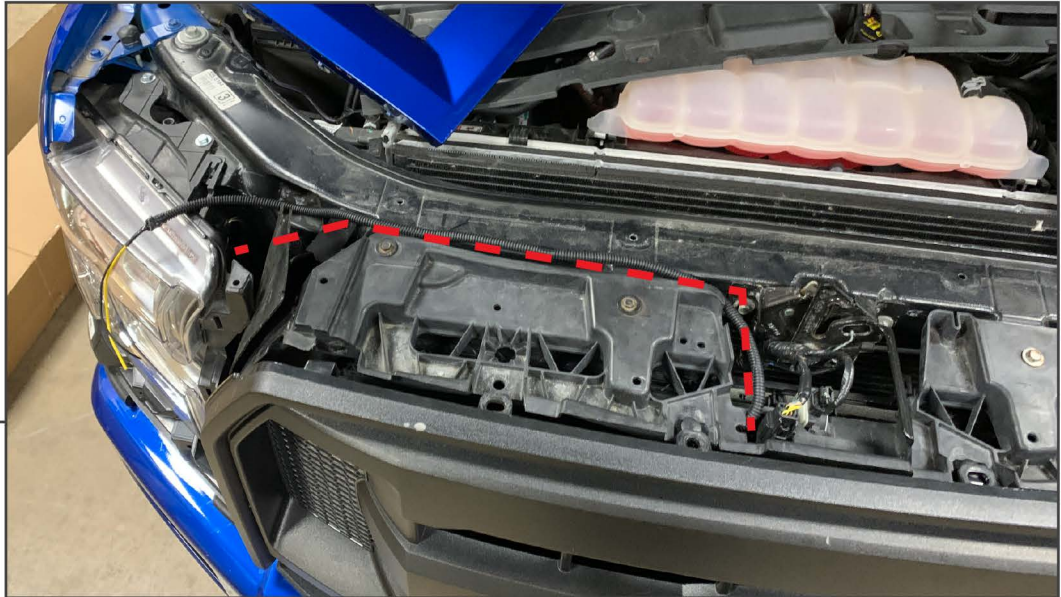
STEP 5

Assemble the LED light bracket using the (2) “L” brackets, (2) M6 bolts, (2) flat washers, and (2) lock nuts. Ensure the wiring is secured to the wiring clips to prevent it from hanging below the light. Grille configuration will determine which mounting holes are used. Test fit the light and adjust as needed.



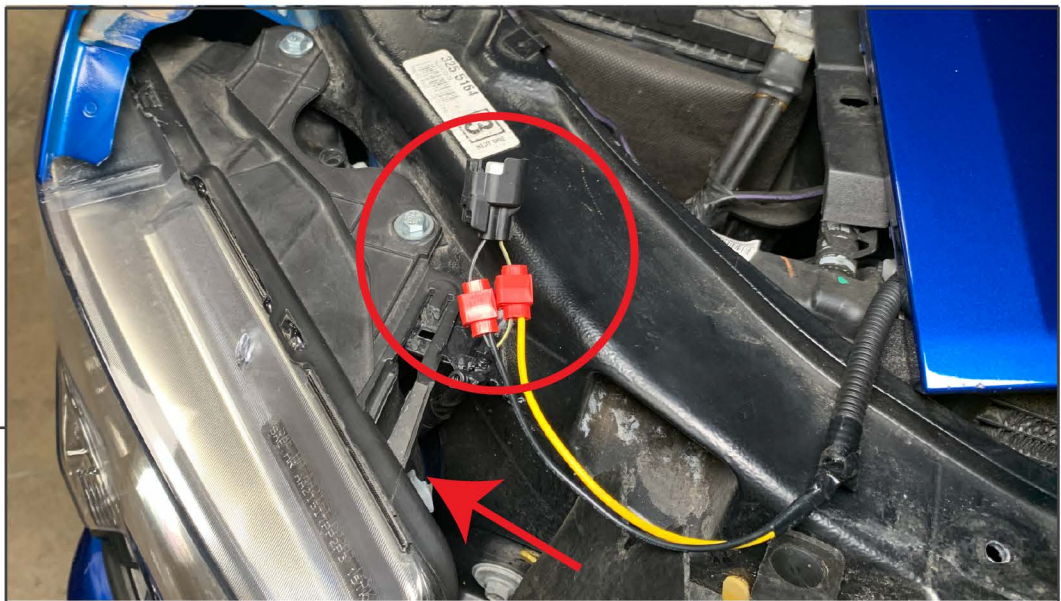
STEP 6

With the grille unbolted/unclipped, gently pull the grille forward and insert the LED assembly behind the grille. The bracket will mount between the grille and grille support. The grille push pins removed in Step 4 will secure the bracket to the vehicle when reinstalled in step 9.



STEP 7

Feed the LED light wiring harness through the grille support and route the harness to the right side headlight. Ensure the wiring doesn't get pinched under the radiator cover.



STEP 8 Halogen Headlights

Locate and remove the headlight marker light plug. With the marker lights ON, use a multimeter or test light determine which wire is ground and which wire is 12volt +. Attach the LED harness to the factory wiring using the supplied scotch lock connector. Use the supplied cable ties to secure the wires away from any moving parts.

	LED Light Harness	-	Vehicle
Ground	Black	-	Black/White
12volt+	Yellow	-	Brown/Yellow

STEP 9 LED Headlights



Turn the steering wheel to gain better access to the wheel well liner. Remove the (3) 5.5mm screws and fold the liner out of the way. Locate and unplug the headlight connector. Using the supplied scotch lock connector, Splice the Yellow wire from the LED light harness into the Blue w/ gray striped wire (pin location 3). Ground the Black wire to the chassis. Plug in the headlight connector and test the lights. If they do not turn on ensure the black wire is properly grounded.

STEP 10



Test the lights and light position prior to re installation. Adjust the bracket position as desired. Follow Steps 1-4 in reverse order to complete the installation.