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# ARMOR GRILLE WITH LED OFF-ROAD LIGHTING

(2011-2016 F-250 / F-350)

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## INSTALLATION INSTRUCTIONS

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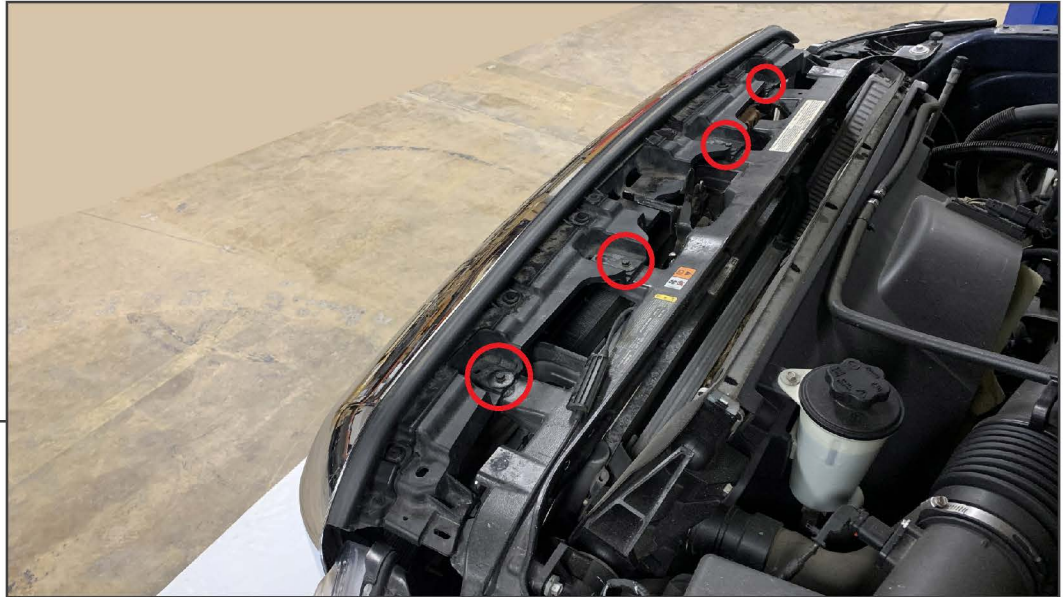
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- (1) Grille Assembly
- (2) Scotchlok Connectors

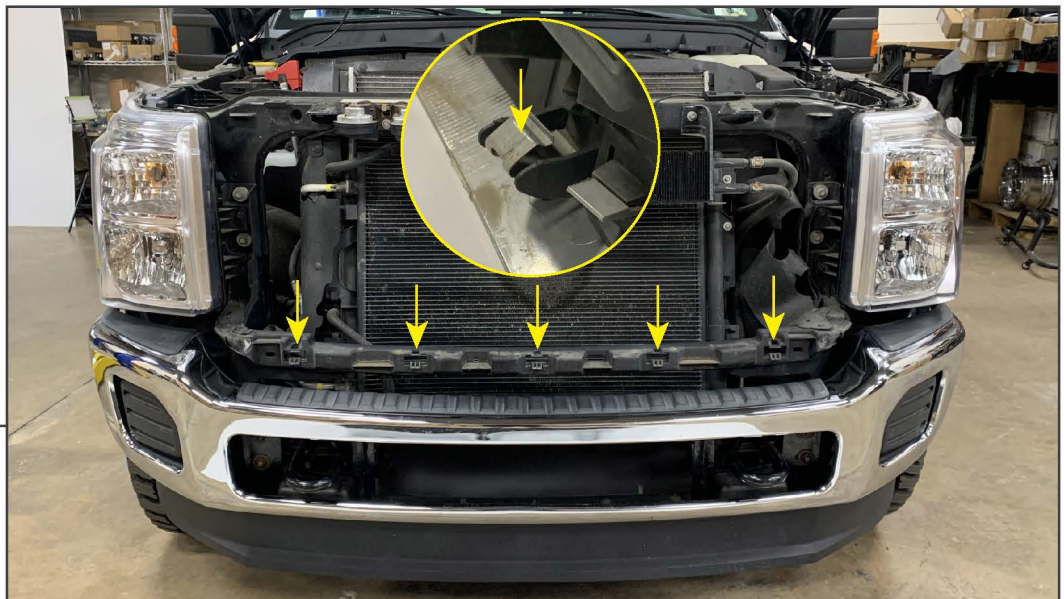
### TOOLS REQUIRED

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- 10mm Socket
- Ratchet
- Panel Removal Tool
- Flathead Screwdriver
- Pliers

**STEP 1**

Open the vehicle hood. Locate the (4) 10mm bolts securing the top of the grille to the radiator support. Remove the (4) 10mm bolts.

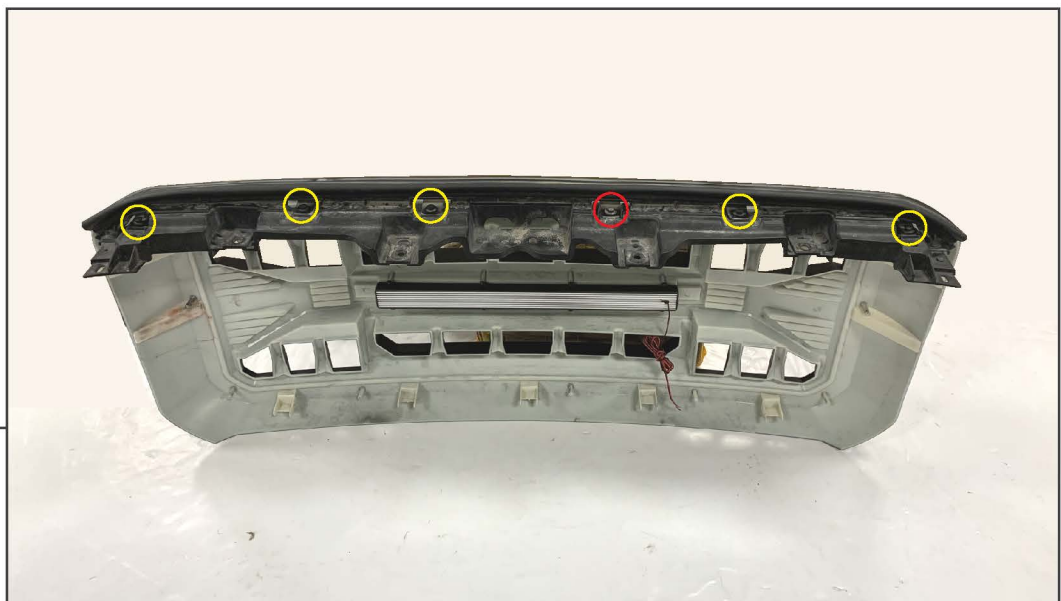
**STEP 2**

Gently pull the top of the grille away from the radiator support to gain access to the lower grille clips. Using a flathead screwdriver, press the top of the (5) mounting clips to dislodge the clips from the vehicle retainer panel. Once the (5) clips are depressed, remove the grille from the vehicle.

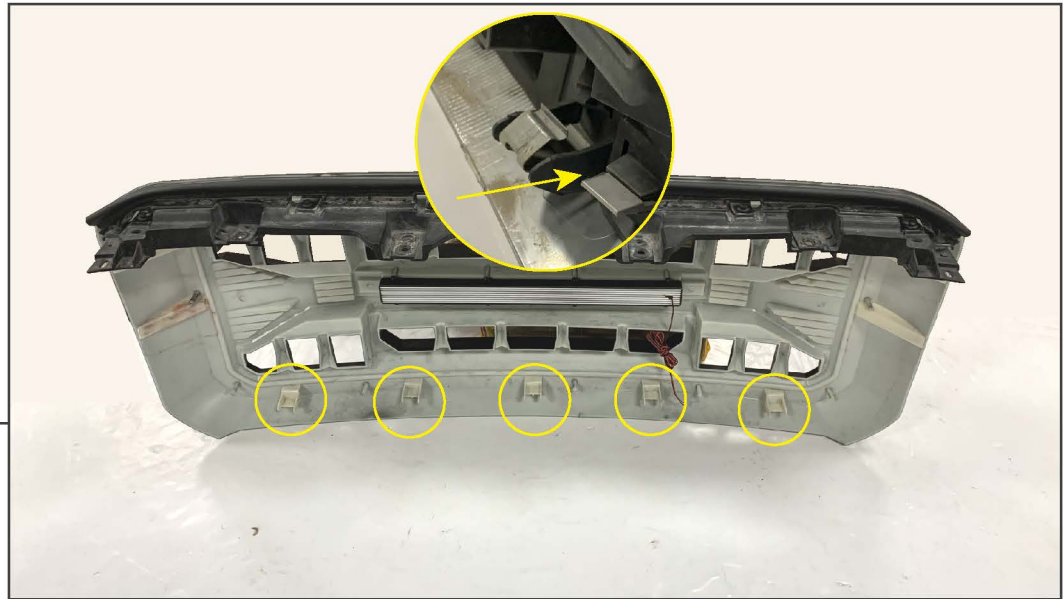
**STEP 3**

Remove (5) plastic push clips and (1) 10mm bolt to remove the upper grille shroud from the original vehicle grille.

Note: The hardware will be reused.

**STEP 4**

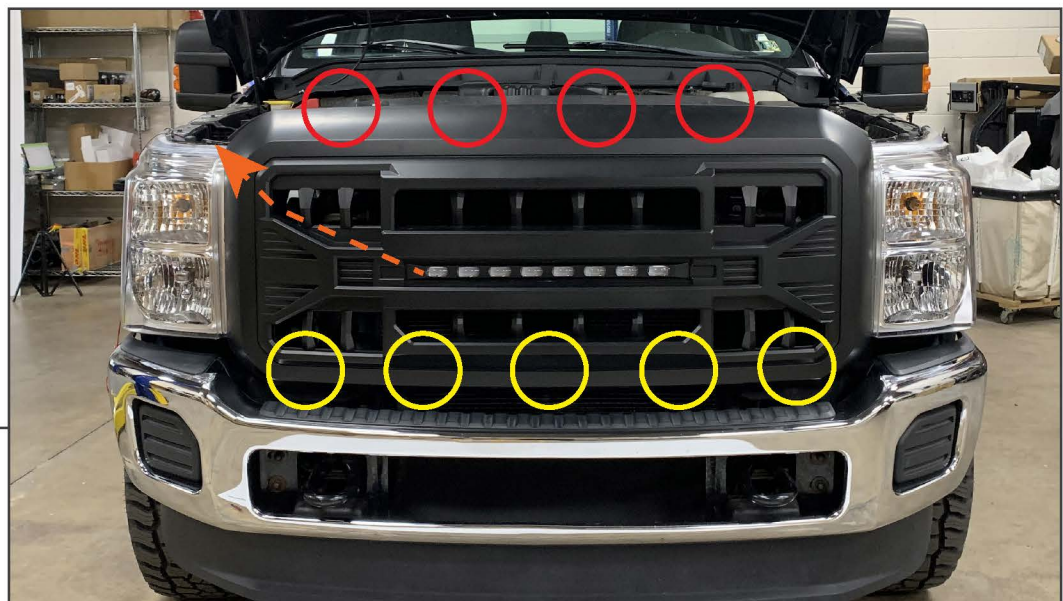
Transfer the upper grille shroud to the new grille reusing the original mounting hardware.



## STEP 5

Install the (5) lower retaining clips to the vehicle grille.

Note: If necessary, increase the clip tension by closing the grille clamping side using pliers.

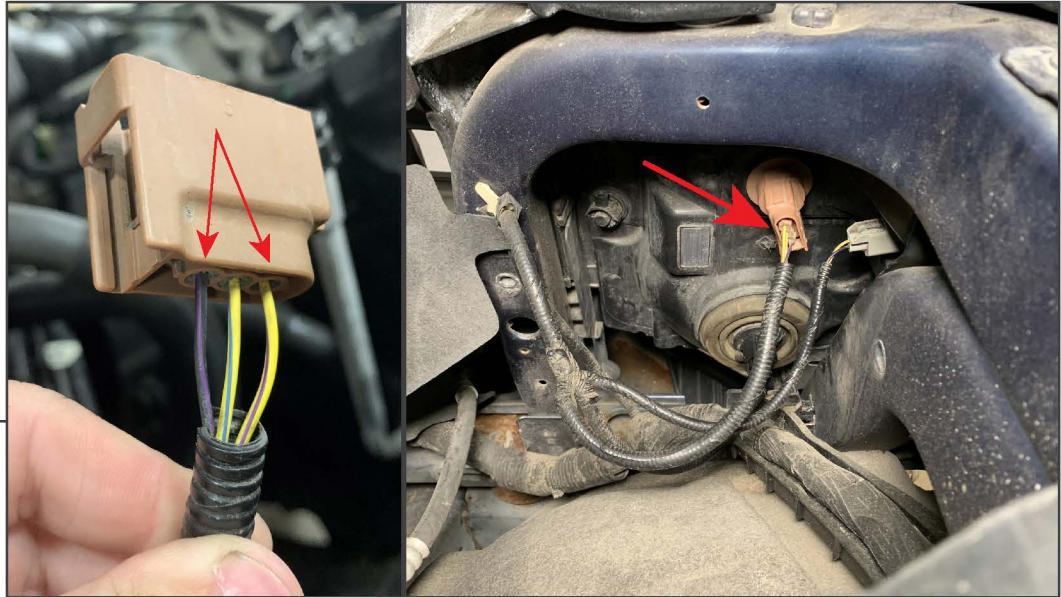


## STEP 6

While routing the attached wiring harness away from the grille mounting points, fit the grille to the vehicle. Secure the lower clips first, then secure the top of the grille to the radiator support using the original (4) 10mm bolts. Tighten all bolts evenly until secure.

Route the LED wiring harness towards the vehicle passenger side headlight assembly.

## STEP 7



On the vehicle passenger side headlight assembly, locate the parking lamp/turn signal connector. Unplug the connector by pressing the tab to gain better access to the harness. Tap the LED light wiring into the vehicle parking light using the included (2) scotchlok connectors following the diagram below. Neatly route the additional wiring harness away from hot/moving components.

| <u>Grille LED Light</u> | - | <u>Vehicle Parking Lamp</u> |
|-------------------------|---|-----------------------------|
| Red (+)                 | - | Yellow/Violet (+)           |
| Black (-)               | - | Black/Violet (-)            |

## STEP 8



Close the vehicle hood and check the hood to grille alignment. If necessary, loosen the upper (4) 10mm bolts to allow the top of the grille to adjust inward/outward. Adjust the grille until the hood and grille have a even gap across the top.

Installation is now complete.