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# BAJA UPPER REPLACEMENT GRILLE WITH LED LIGHTING

(2021+ F-150)

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## INSTALLATION INSTRUCTIONS

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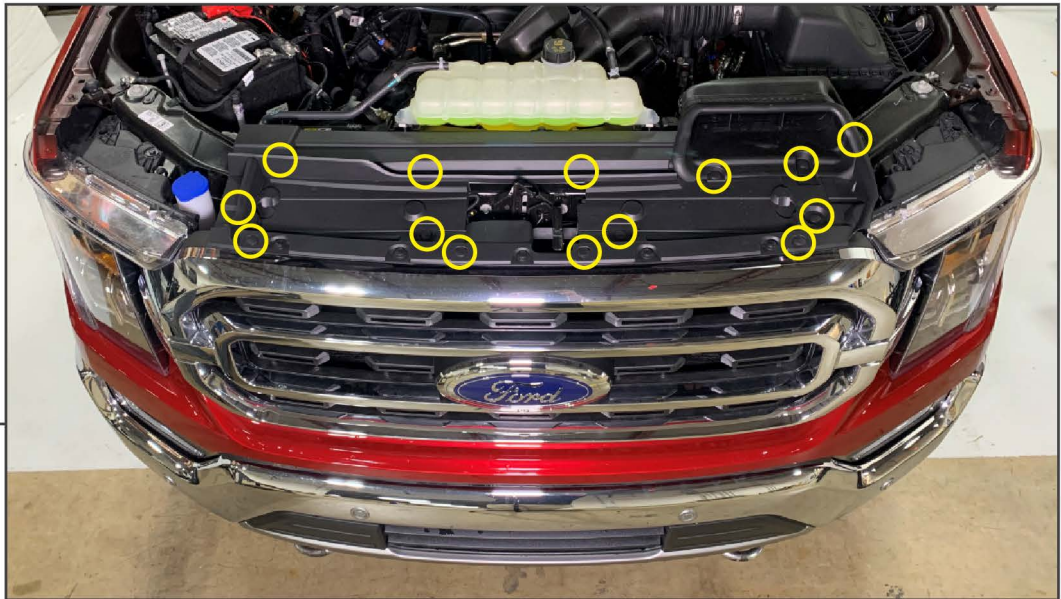
- (1) Grille Assembly
- (1) Front Camera Add-on Panel
- (1) Wiring Harness
- (6) M8x1.25 x 20mm Bolts
- (6) M8 Flat Washers
- (6) Vampire Clips

### TOOLS REQUIRED

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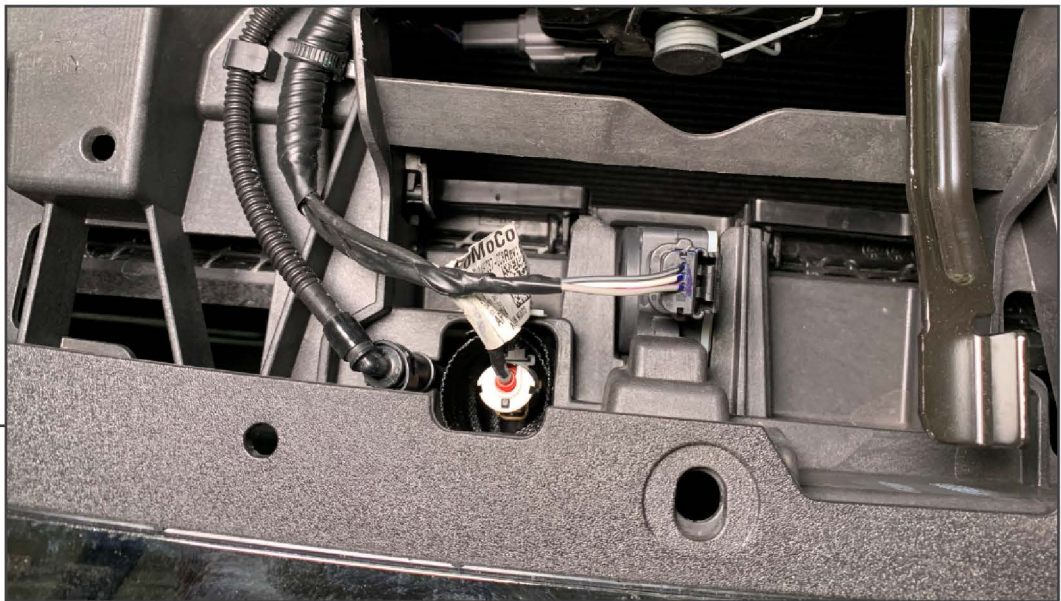
- 7mm, 8mm, 10mm, 14mm  
Sockets
- Ratchet
- Panel Removal Tool
- Flathead Screwdriver

SKU # T557359



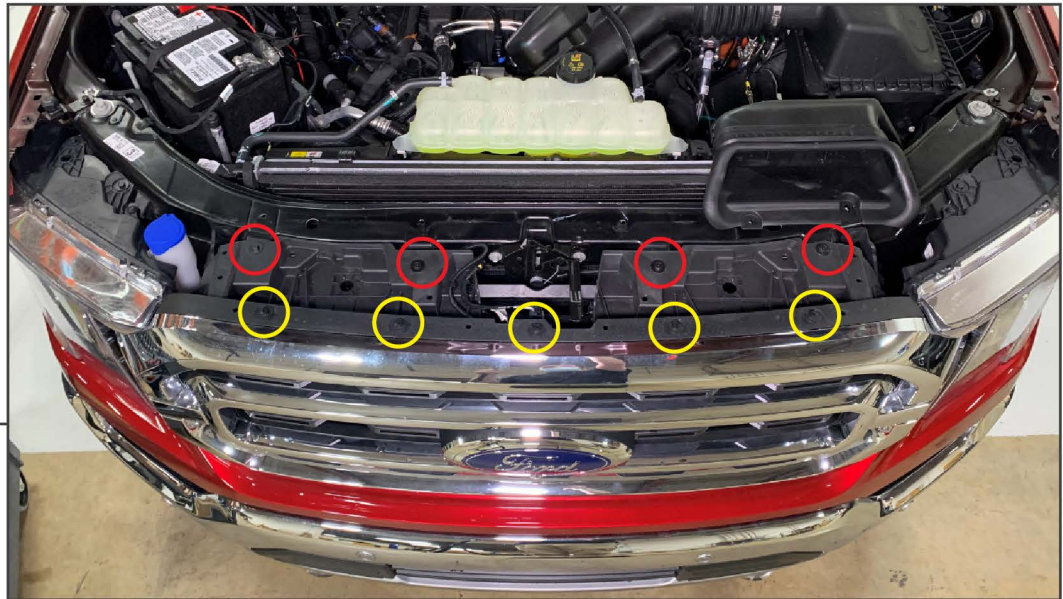
**STEP 1**

Remove (14) plastic push clips from the radiator cover. Remove radiator cover and set aside.



**STEP 2**

Unplug the electrical connectors under the hood release.



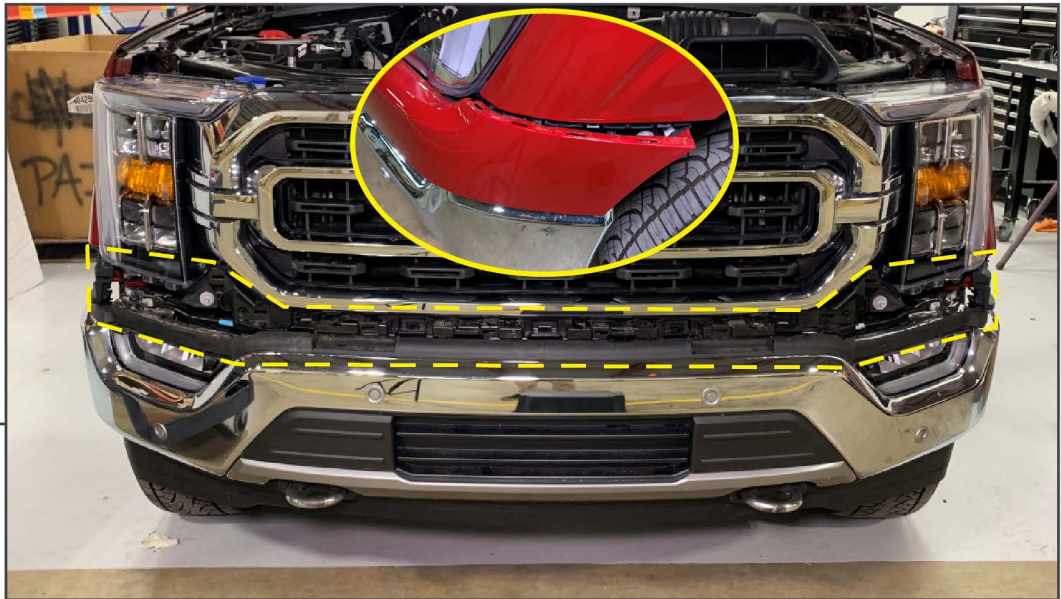
**STEP 3**

Remove (5) plastic push clips from the top of the grille. Remove (4) 10mm bolts from the radiator support to release the upper portion of the grille.

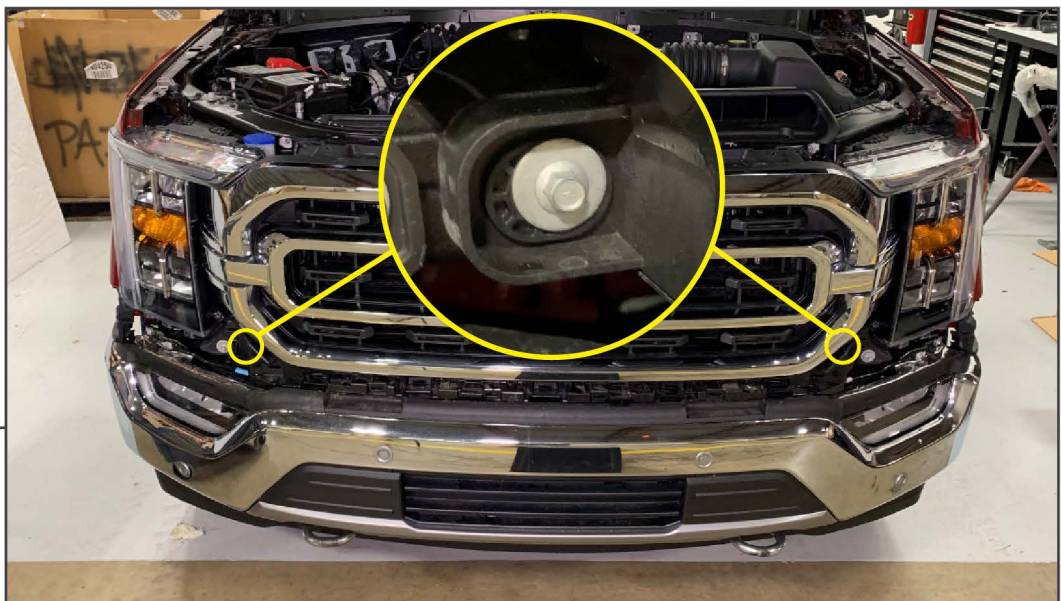


**STEP 4**

Remove (2) 7mm bolts from inside the fender well. Repeat this procedure to the opposite side.

**STEP 5**

Pull the bumper trim away from the fender by firmly pulling the trim away. Repeat to the opposite side. Firmly pull the bumper trim from the vehicle and set aside.

**STEP 6**

Remove (2) 8mm bolts from the bottom corners of the grille. Firmly pull the grille away from the vehicle. Place the grille on a soft surface for disassembly.

**STEP 7**

Remove (12) plastic clips from the lower portion of the grille. Remove the splash shield and set aside.

**STEP 8**

Remove (4) 10mm nuts from the shutter assembly attached to the grille. Remove (1) 8mm bolt from the center of the shutter assembly.

**STEP 9**

Press in the (3) metal tabs on the grille assembly while lifting upward on the shutter assembly to dislodge the shutter assembly from the grille. Remove shutter assembly from the grille.

**Front facing camera vehicles:** Remove front facing camera from grille. Install camera into replacement grille using the included add-on panel.

**STEP 10**

Attach the (1) provided wiring harness to each LED light wiring lead on the grille. Ensure the connector clicks into place. Drape the wire over the front of the grille to ensure shutter assembly clearance. Install (4) vampire clips at the designated posts on the grille.

**STEP 11**

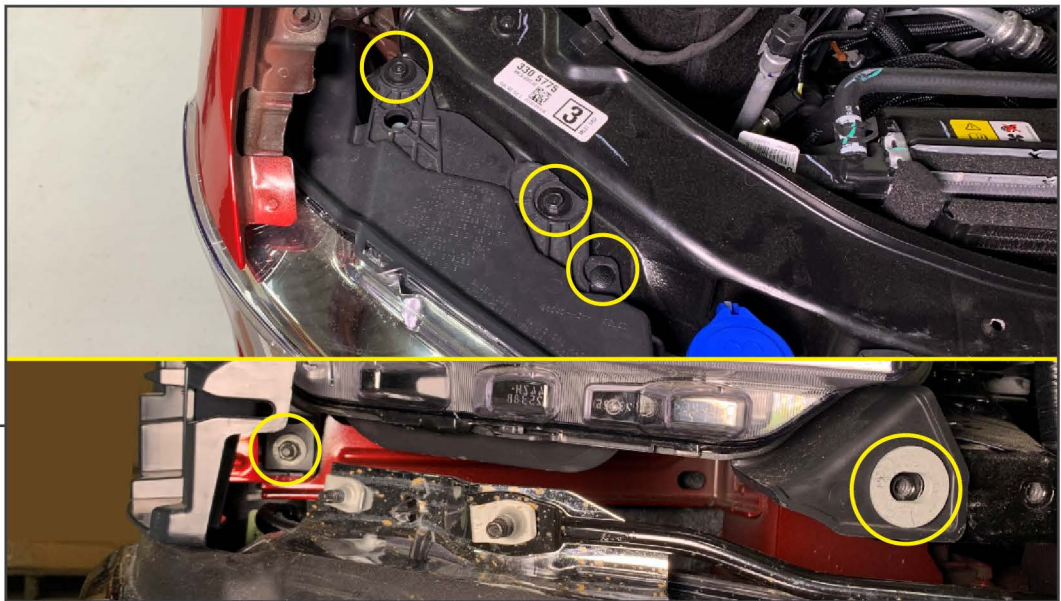
Place the shutter assembly onto the grille ensuring the (5) lower metal clips engage. Secure the shutter assembly to the grille using (4) M8x1.25 x 20mm bolts and (4) M8 flat washers. Ensure the shutter assembly is seated correctly and not overlapping the light leads.

**STEP 12**

Install the lower splash shield using the (12) original plastic clips.

**STEP 13**

Route the LED wiring harness towards the passenger side headlight assembly. Align the grille assembly to the vehicle and secure the grille to the vehicle re-using original hardware.

**STEP 14**

Remove the passenger side headlight from the vehicle by removing (2) 10mm upper bolts, (1) plastic clip, (1) lower 8mm bolt, and (1) 10mm nut under the headlight. Firmly pull the light from the vehicle to disengage the (1) mounting stud at the top of the headlight.



**STEP 15**

Unplug the parking light connector and tap into the circuit using (2) scotchlok connectors following the diagram below. Once the LED harness is connected, re-install the headlight following step 6 in reverse order of removal.

<u>Vehicle Harness</u>	-	<u>LED Harness</u>
Blue/White	-	Red (+)
Black/White	-	Black (-)

**STEP 16**

Install the grille into the vehicle re-using the original hardware following steps 1-6 in reverse order.

Installation is now complete.