BARRICADE

TREKKER FRONT BUMPER

(2021-2025+ BRONCO)

INSTALLATION INSTRUCTIONS

CONTENTS

(1) HD Front Bumper
(1) Over-Rider Bar
(1) LH Fog Light Mounting Bracket
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(2) 3/4” D-Rings
(1) LH Bumper Mounting Nut Plate
(1) RH Bumper Mounting Nut Plate
(2) Bumper Mounting Spacers
(1) Bumper Block-Off Plate
(1) ACC Block-Off Plate
(4) Proximity Sensor Install Kits
(6) M12x1.75 x 65mm Hex Bolts
(6) M12 Lock Washers
(6) M12 Flat Washers
(14) M8x1.25 x 25mm Allen Bolts
(14) M8 Flat Washers
(8) M8 Flange Nuts
(3) M6x1.00 x 30mm Allen Bolts
(8) M6x1.00 x 20mm Allen Bolts
(11) M6 Lock Washers
(22) M6 Flat Washers
(11) M6 Nuts
(6) Cable Zip Ties
(1) 5mm Allen Key
(1) 4mm Allen Key

TOOLS REQUIRED

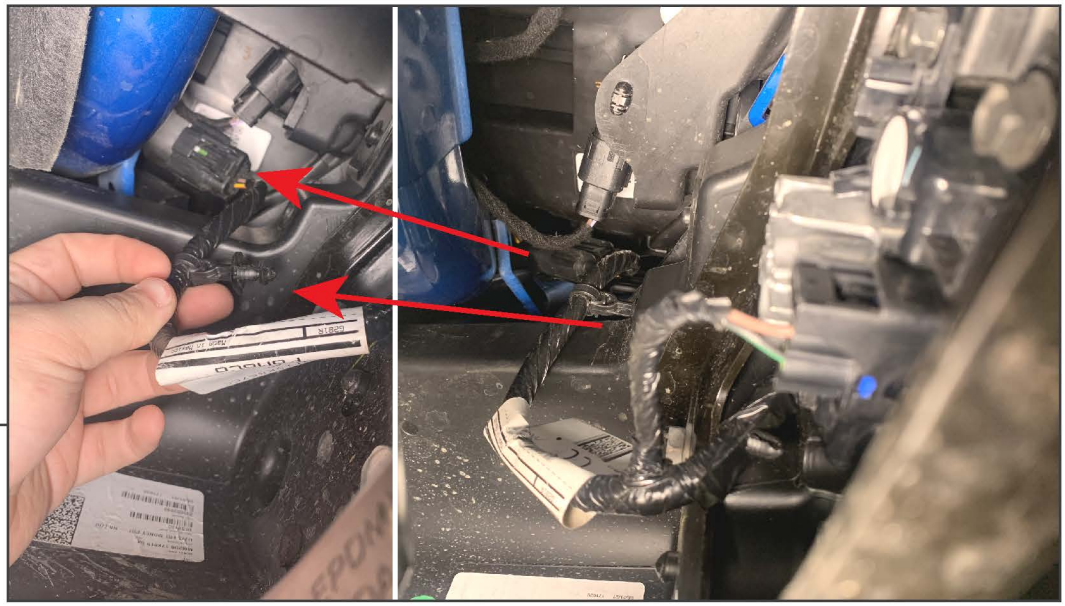
10mm, 15mm, 17mm, 19mm Sockets
Plastic Panel Removal Tool
Phillips Screwdriver
4mm, 5mm Allen Keys/Sockets

SKU # FB29355
Edited: 06/08/2025

STEP 1

Remove (6) 15mm bolts from the lower splash shield.

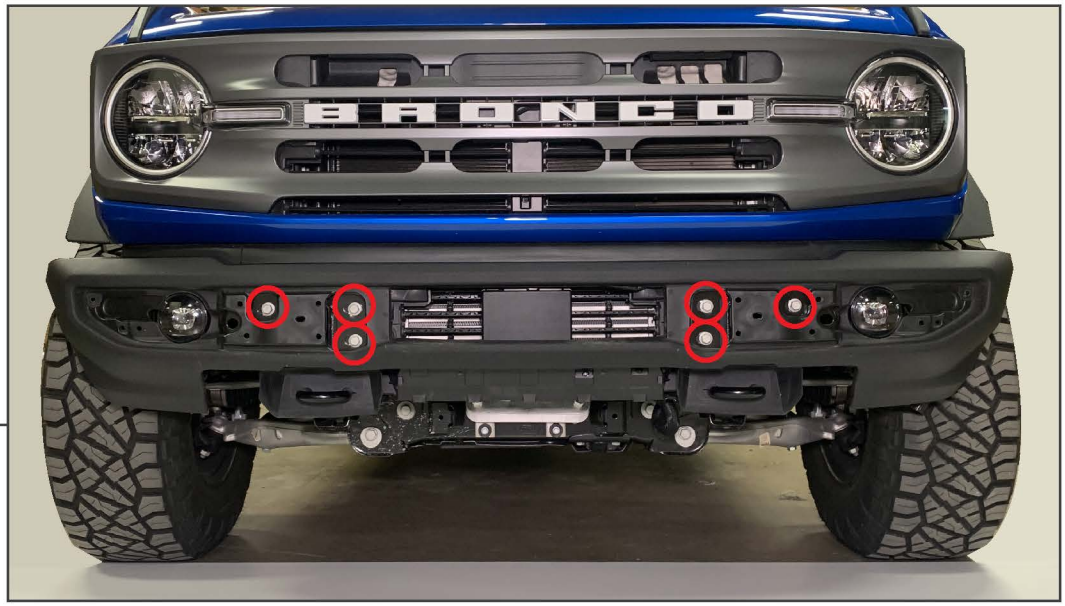
STEP 2



From under the bumper, reach upwards and unplug the fog light harness main connector located under the LH (Driver Side) headlight. Pull the plastic harness retainer from the vehicle.

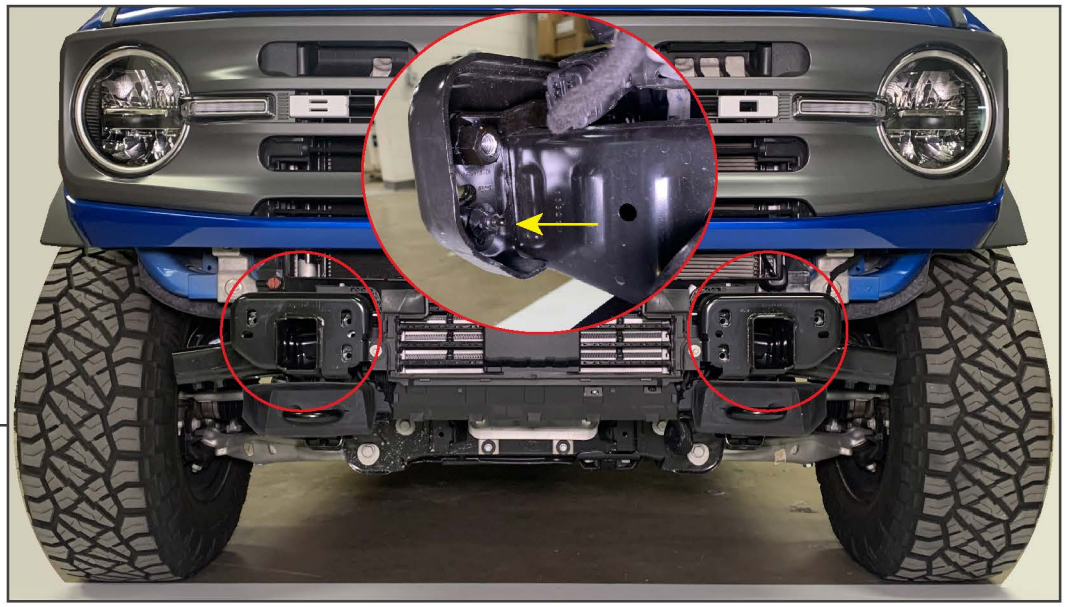
STEP 3

Remove the (2) plastic bumper covers using a plastic panel removal tool to reveal the bumper mounting hardware.



STEP 4

Remove (6) 15mm bolts from the front bumper, and remove the bumper assembly from the vehicle.



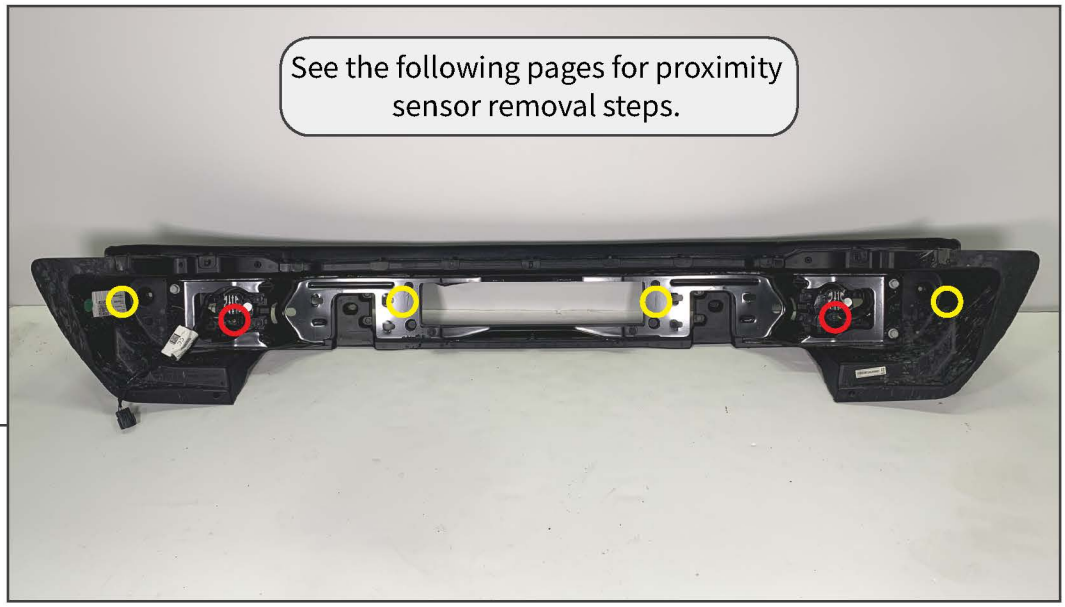
STEP 5

Unthread the (1) plastic wing nut from each of the bumper mounting nut plates, and remove each nut plate from the vehicle.

Note: If the vehicle has Adaptive Cruise Control, see step 13-18 for module removal/transfer.

STEP 6

Remove (4) 10mm bolts and (4) 15mm bolts to remove the bumper brace to release the fog light and proximity sensor harness from the bumper assembly.



STEP 7

Unplug the wiring harness from each fog light and proximity sensor. The proximity sensors can be used on the new bumper.

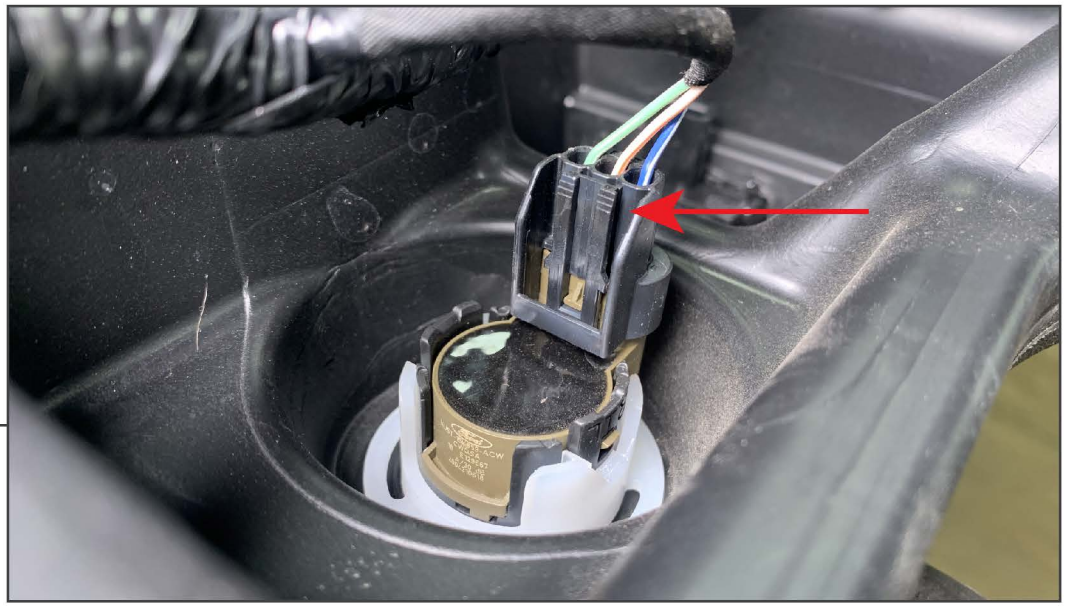
STEP 8

Place the new bumper on a soft surface. See the following steps regarding proximity sensor mounting.

Once proximity sensors are addressed, proceed to Step 9.

PROXIMITY SENSORS

SENSOR REMOVAL



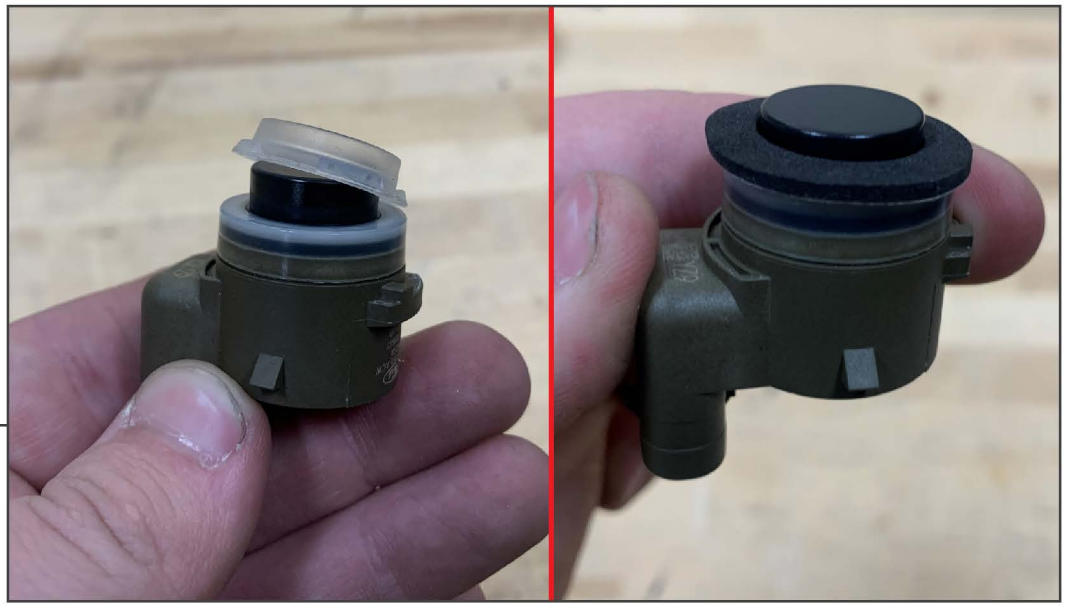
Optional: If equipped with bumper sensors, unplug the sensors by pressing the connector tab inwards while pulling up. Disconnect the wiring harness retaining clips from the bumper using a plastic panel removal tool and remove the harness.

SENSOR REMOVAL

Remove the sensors from the bumper by using a small flat head screwdriver or pick to gently pry back the mounting tabs.

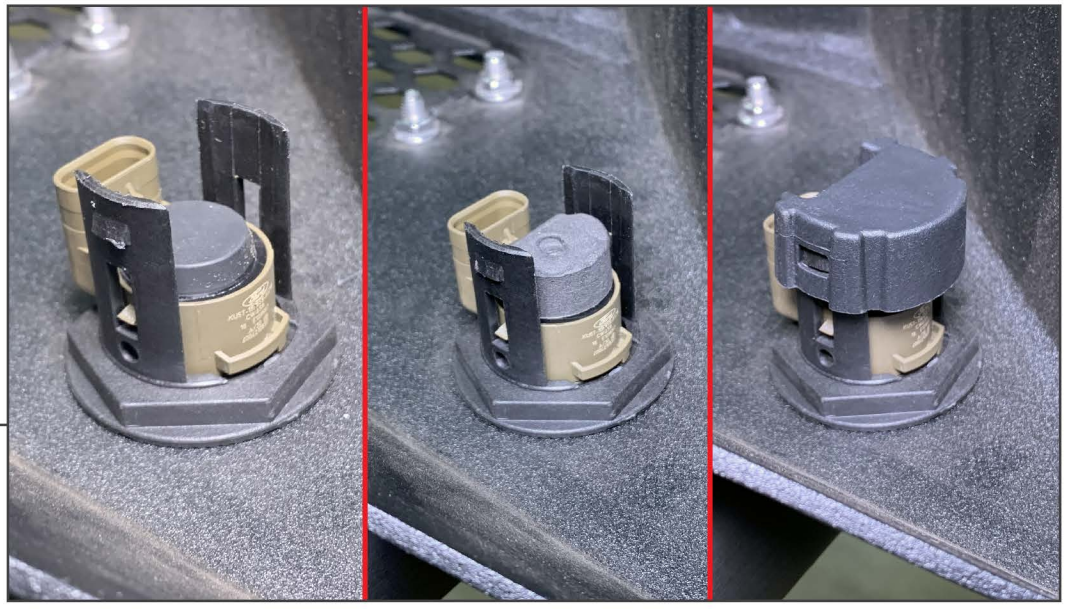
PROXIMITY SENSORS

SENSOR REMOVAL



Remove the rubber gasket from around the sensor. Install the provided foam ring gasket around the sensor.

INSTALLATION (OPTION 1)



Place the sensor into the designated port, ensuring the mounting tabs are within the slots. Adhere (1) rubber grommet to the sensor using the attached adhesive. Place (1) foam pad onto the rubber grommet. Place the (1) plastic cap onto the assembly, ensuring the (2) tabs lock into place to secure the sensor tightly to the port.

PROXIMITY SENSORS

INSTALLATION (OPTION 2)

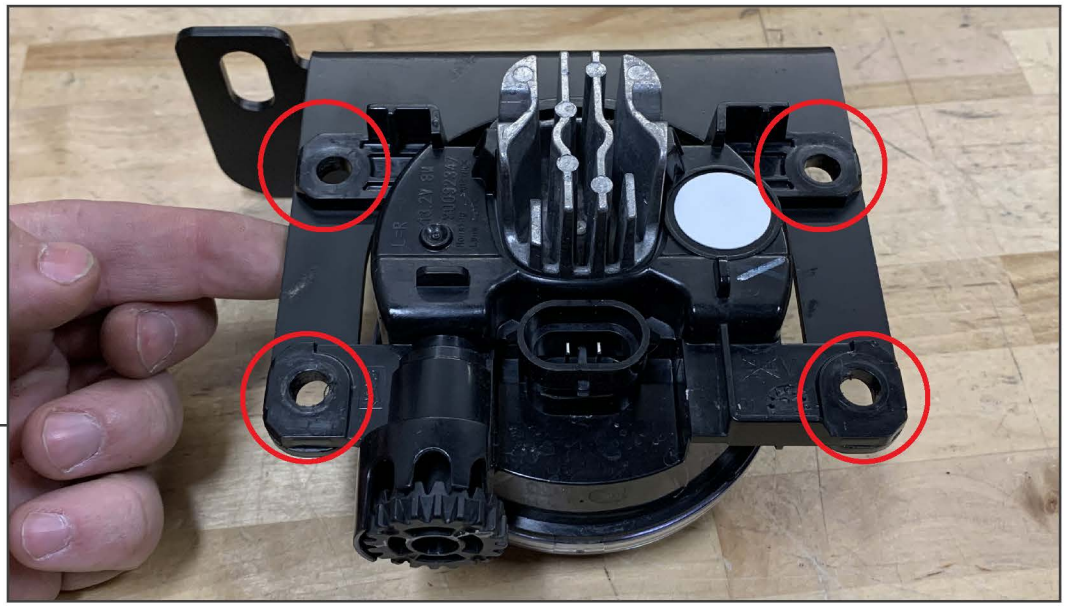
Place the sensor into the designated port, ensuring the mounting tabs are within the slots. Using (2) Phillips screws, gently tighten the screws until moderate pressure is on the sides of the sensor to hold the sensor into place.

Note: Do NOT over-tighten the screws as the sensor can become damaged.

OPTION 3 (NO SENSORS)

If vehicle is not equipped with sensors, press the plastic plug into the sensor port until the plug is flush with the port.

STEP 9



Secure each fog light to the included mounting bracket using (4) M6 x 20mm bolts, (8) M6 flat washers, (4) M6 lock washers, and (4) M6 nuts. Tighten until secure.

STEP 10

Secure the fog light mounting brackets to the inside of the bumper using (2) M8 x 25mm bolts and (2) M8 flat washers into the fog light bracket welded nuts. Tighten until secure.

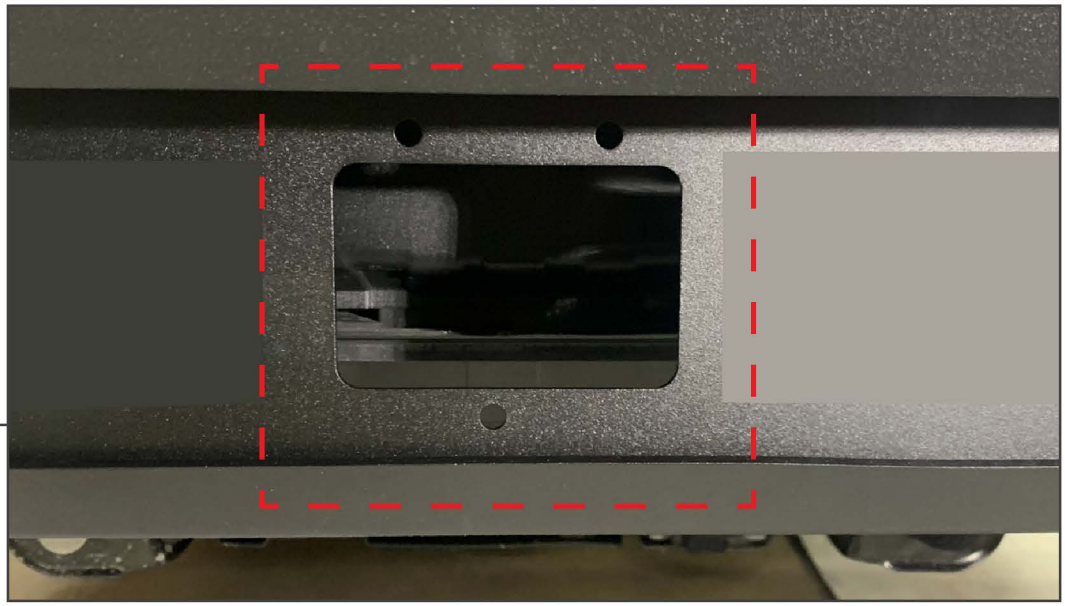
Mount the over-rider bar to the bumper using (4) M8 x 25mm Allen bolts, (4) M8 flat washers, and (4) M8 flange nuts per side. Tighten the hardware evenly until secure.

STEP 11

Place the (2) bumper mounting nut plates behind the vehicle frame rails. With assistance, install the bumper to the vehicle frame rails using (6) M12 x 65mm bolts, (6) M12 flat washers, and (6) M12 lock washers. Do not fully tighten to allow for adjustment later.

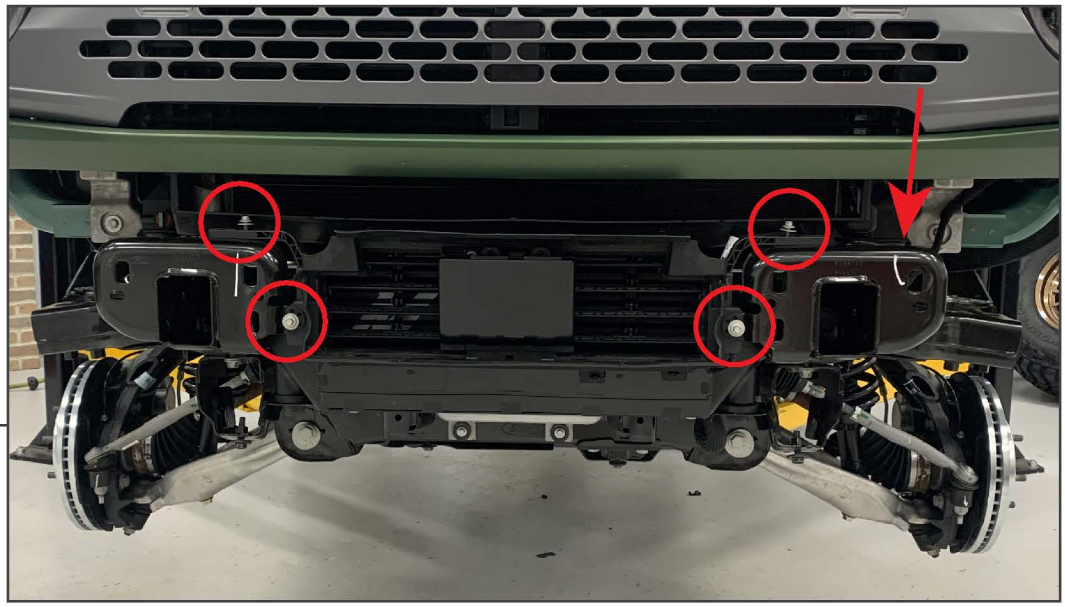
Note: Some winches may interfere with the vehicle painted trim panel. For additional clearance, fit the (2) bumper spacers in-between the frame rail and the bumper, and secure into place using the (6) M12x1.75 x 65mm bolts, lock washers, and flat washers.

STEP 12



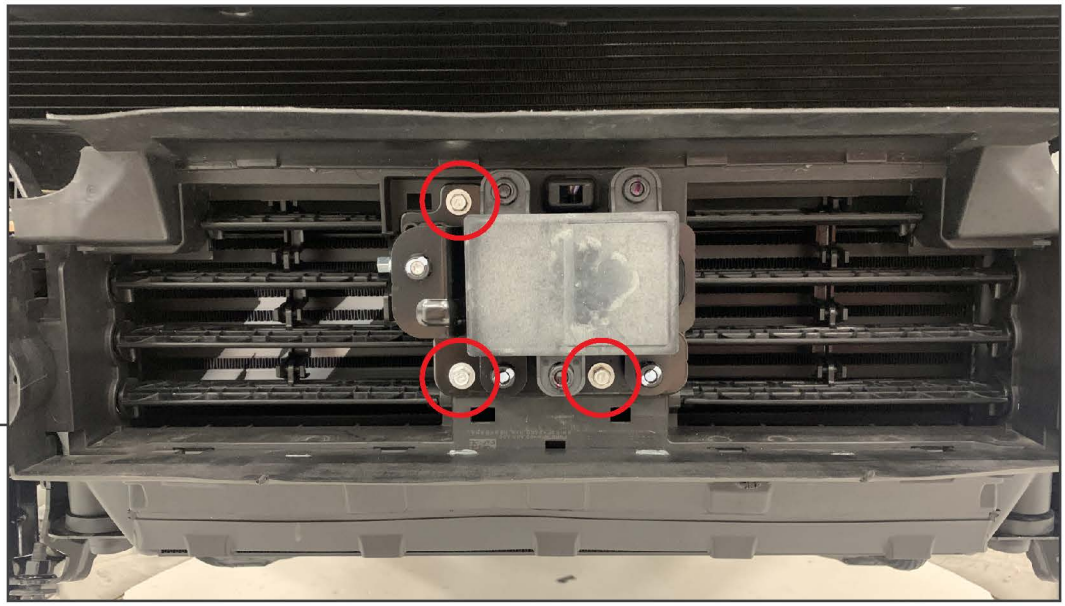
If the vehicle is equipped with Adaptive Cruise Control (ACC), transfer the module in the center of the vehicle to the bumper using (3) M6 x 30mm bolts, (6) M6 flat washers, and (3) M6 nuts. See steps 13-18.

If vehicle is not equipped with Adaptive Cruise Control (ACC), install the included block-off plate using (3) M6 x 30mm bolts, (6) M6 flat washers, and (3) M6 nuts. ***Note: The plate is directional.**



STEP 13

With the bumper removed, locate the front lower shutter assembly. Unplug the wiring harness connector along the LH side of the vehicle, and remove (4) 8mm bolts from the shutter assembly. Remove the shutter assembly from the vehicle and place on a workable surface.



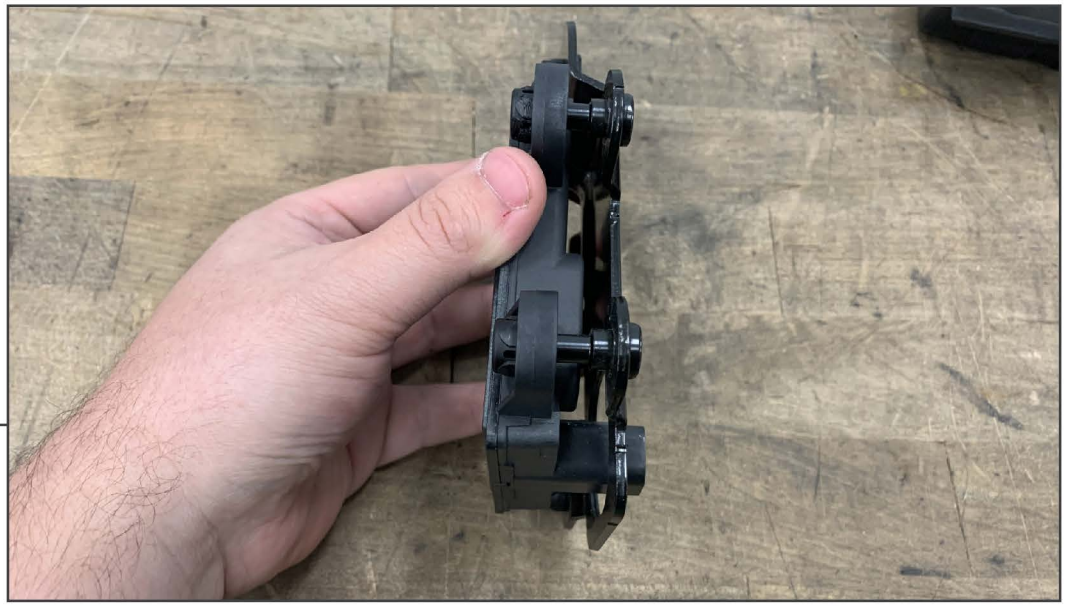
STEP 14

Remove (3) 8mm bolts from the Adaptive Cruise Control [ACC] module.

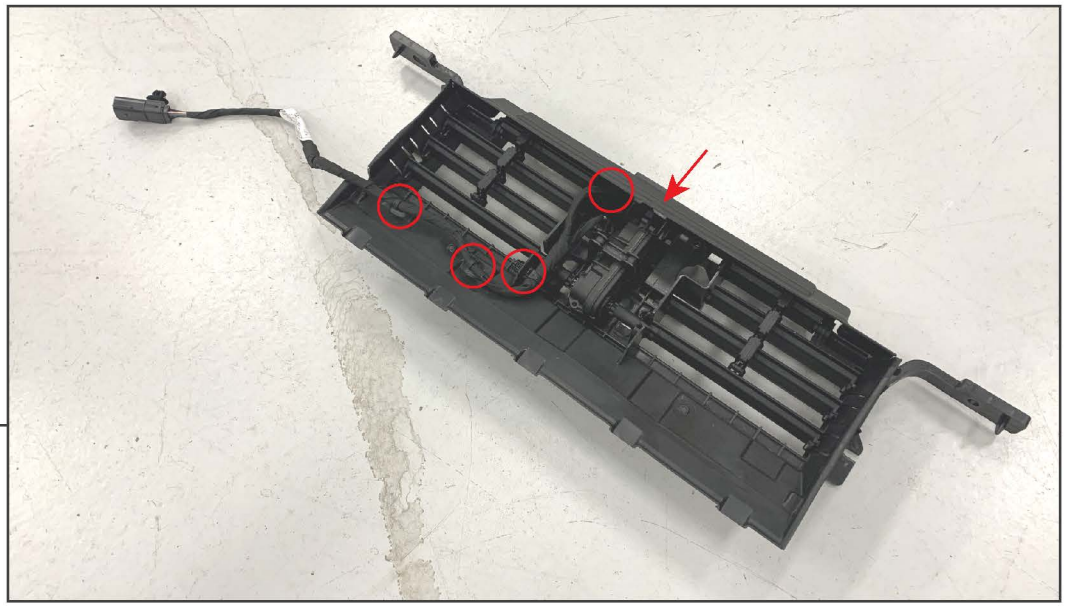
STEP 15

Unplug the ACC module from the shutter assembly wiring harness.

STEP 16



Using a pry tool, gently pry the ACC module away from the retaining bracket. The brackets are secured to the module using friction-fit ball studs.



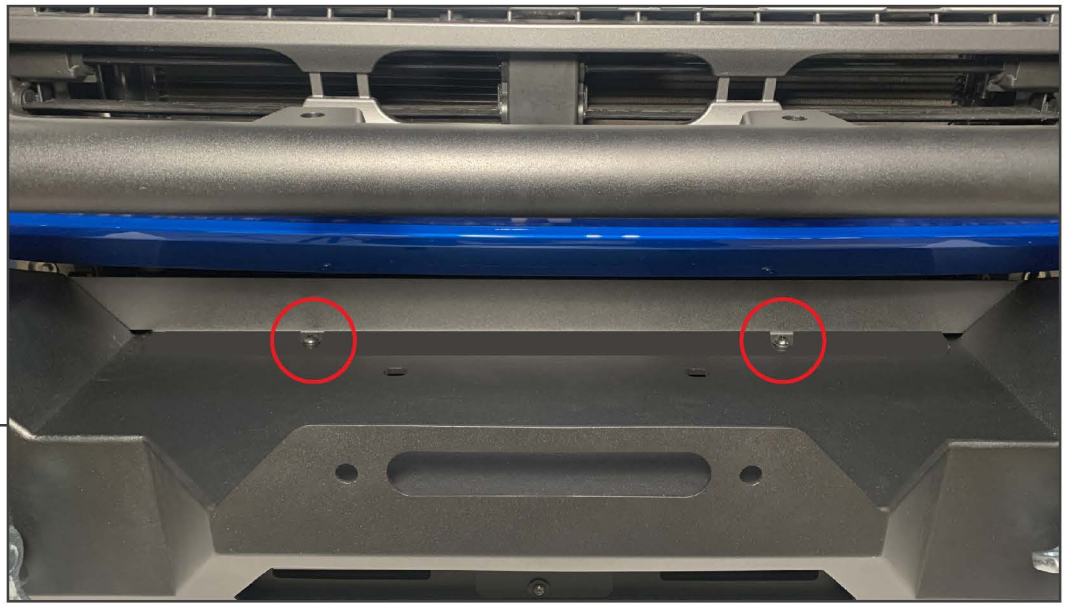
STEP 17

Unplug the shutter assembly motor by sliding the red lock, and pressing the tab. Then, use a pry tool to dislodge the wiring harness from the shutter assembly. With the harness removed, mount the shutter assembly to the vehicle using the original (4) 8mm bolts.

STEP 18

Mount the ACC module to the bumper using (3) M6 x 30mm bolts, (6) M6 flat washers, and (3) M6 nuts, tighten until secure. The module can be installed in front or behind the bumper surface.

With the bumper mounted to the vehicle, route the wiring harness to the ACC module, shutter assembly motor, and the vehicle chassis connector. Clip the lower (3) clips into the vehicle shutter assembly to retain the harness. **Ensure the harness is routed away from any moving parts of the shutter assembly and is not stressed when mounted.



STEP 19

Install the bumper block off plate to the bumper. Secure using (2) M8 x 25mm bolts and (2) M8 flat washers.

STEP 20

Install the (2) 3/4” D-Rings to the front bumper mounting points.

Installation is now complete.