



HD CRAWLER REAR BUMPER WITH JEEP LOGO

(2020-2023+ GLADIATOR JT)

INSTALLATION INSTRUCTIONS

CONTENTS

- (1) HD Rear Bumper
- (2) 3/4" D-Rings
- (2) Upper Mounting Brackets
- (2) License Plate Screw Retainers
- (2) M12 Stud Plates [Double]
- (2) M12 Stud Plate [Single]
- (6) M12 Plastic Stud Holders
- (4) M12x1.75 x 40mm Bolts
- (4) M12 Lock Washers
- (10) M12 Flat Washers [Small]
- (4) M12 Flat Washers [Large]
- (6) M12 Lock Nuts
- (4) M12 Nuts
- (2) M8x1.25 x 25mm Allen Bolts
- (4) M8 Flat Washers
- (2) M8 Lock Nuts
- (1) 5mm Allen Key
- (4) Bumper Sensor Install Kits

TOOLS REQUIRED

- Panel Removal Tool
- 8mm, 10mm, 16mm, 18mm
Sockets
- Ratchet
- Small Pry Tool

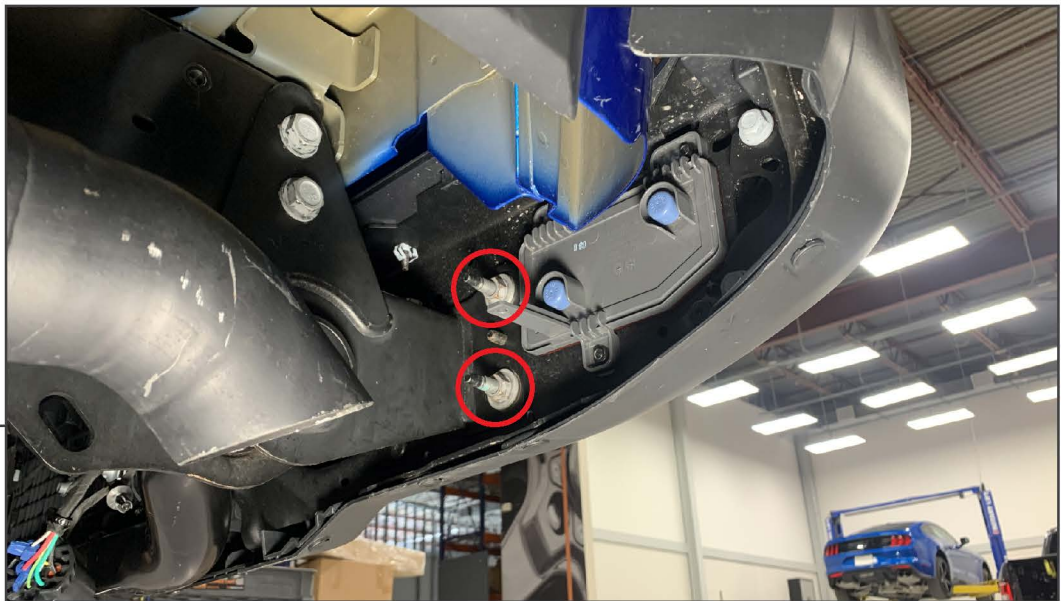
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STEP 1



Under the vehicle, unplug the license plate lamp wiring harness and the trailer lighting connector harness.

STEP 2



Remove the (2) 16mm nuts from each side of the bumper assembly.



STEP 3

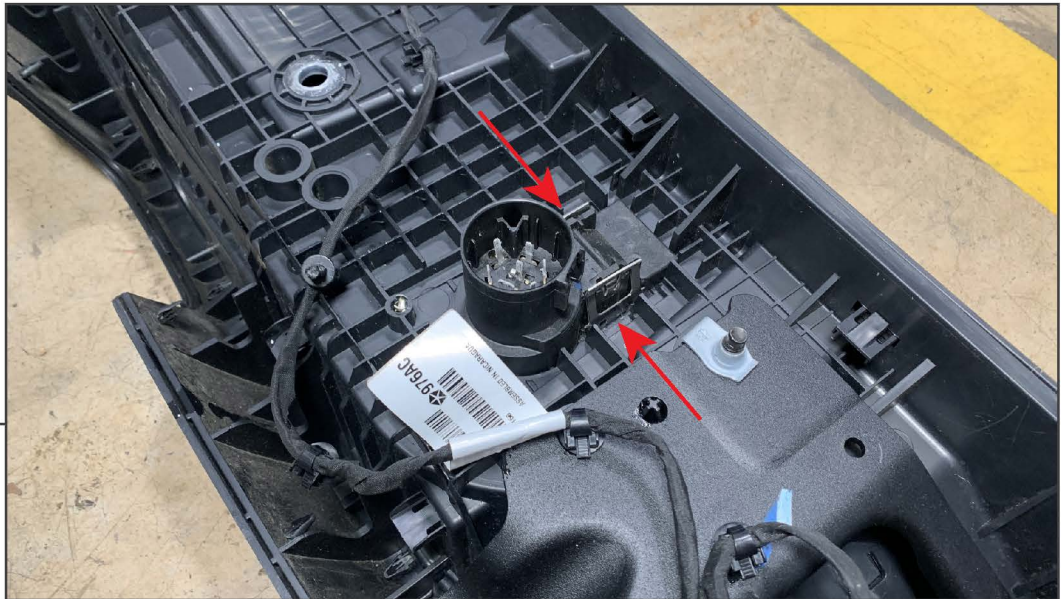
Remove the license plate from the vehicle by removing (2) 10mm screws, then remove (2) 16mm bolts from the bumper. Lift and remove the bumper assembly from the vehicle. Place on a soft workable surface for disassembly.



STEP 4

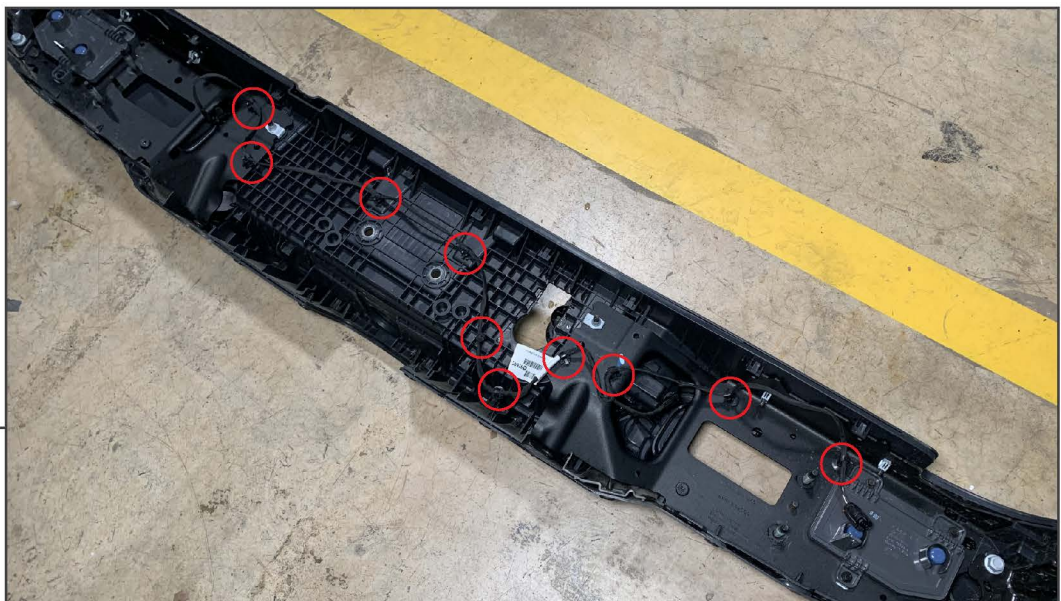
Remove (2) 21mm bolts from the rear tow hook.

Note: The tow hook will not be reused.



STEP 5

Using a pry tool, press each side of the trailer wiring connector, and remove the connector through the front of the bumper.



STEP 6

Unplug each license plate lamp from the original bumper, and use a panel removal tool to disconnect the plastic clips securing the wiring harness to the bumper. Set wiring harness aside.



STEP 7

Use a plastic pry tool to remove the outer license plate covers. Then, remove the license plate lamp through the back of the bumper.



STEP 8

Press each license plate lamp into the new bumper.



STEP 9 SENSOR REMOVAL

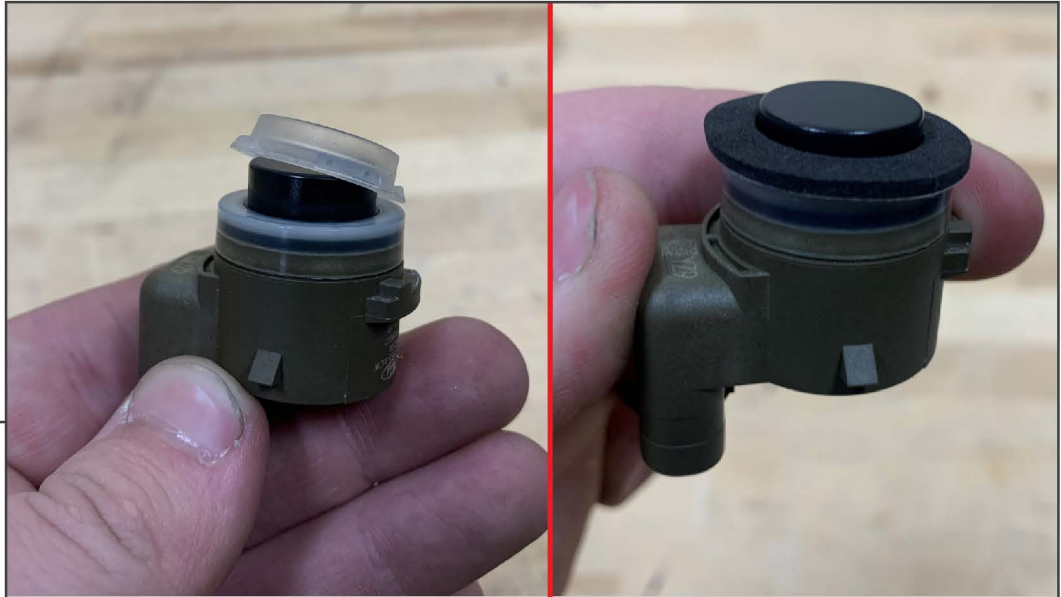
Optional: If equipped with bumper sensors, unplug the sensors by pressing the connector tab inwards while pulling up. Disconnect the wiring harness retaining clips from the bumper using a plastic panel removal tool and remove the harness.

If vehicle is not equipped with sensors, skip to step 14.



STEP 10 SENSOR REMOVAL

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



STEP 11 SENSOR REMOVAL

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



STEP 12 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.



**STEP 13
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.



**STEP 14
OPTION 3
(NO SENSORS)**

No Sensor: Press the plastic cap into the backup sensor housing through the face of the bumper.



STEP 15

Press the trailer wiring connector into the bumper until fully seated.



STEP 16

Install the upper mounting brackets to the vehicle frame using (2) M12 x 40mm Bolts, (2) M12 flat washers [large], (2) M12 flat washers [small], (2) M12 lock washers, and (2) M12 nuts per side. Do not fully tighten at this time.

Note: The mounting brackets are directional, ensure the flag portion of the bracket is towards the inside of the vehicle.



STEP 17

Fit the M12 stud plate behind the bumper mounting plate, and hold into place using (2) M12 plastic stud retainers. This will allow the studs to stay in place while mounting the bumper.



STEP 18

With assistance, lift the bumper to the vehicle frame rails and secure using (4) M12 flat washers and (4) M12 lock nuts. Then, secure the upper bracket to the bumper using (2) M12 stud plates [single], (2) M12 flat washers, and (2) M12 lock nuts.



STEP 19

Press the (2) license plate screw retainers into the rear bumper. Secure the vehicle license plate to the bumper using the (2) original 10mm screws.

Optional: Install auxiliary LED cube lights to the bumper using the included M8 hardware. *Lighting sold separately.



STEP 20

Neatly route and plug in each license plate lamp using the original wiring harness. Plug the trailer wiring connector into the bumper trailer plug.



STEP 21

Ensure all bumper hardware is fully tightened, and the wiring harnesses are neatly routed.

Install the (2) 3/4" D-Rings into the bumper mounting points.

Installation is now complete.