



HD REAR BUMPER WITH JEEP LOGO BACKLIGHT

(2020-2023+ GLADIATOR JT)

INSTALLATION INSTRUCTIONS

CONTENTS

- (1) HD Rear Bumper
- (2) 3/4" D-Rings
- (1) LED Backlight
- (1) LED Backlight Wiring Harness
- (2) Scotchlok Connectors
- (2) Upper Mounting Brackets
- (2) License Plate Screw Retainers
- (2) M12 Stud Plates
- (4) M12 Plastic Stud Holders
- (6) M12x1.75 x 40mm Bolts
- (10) M12 Lock Washers
- (16) M12 Flat Washers
- (10) M12 Nuts
- (4) Proximity Sensor Mounting Kits

TOOLS REQUIRED

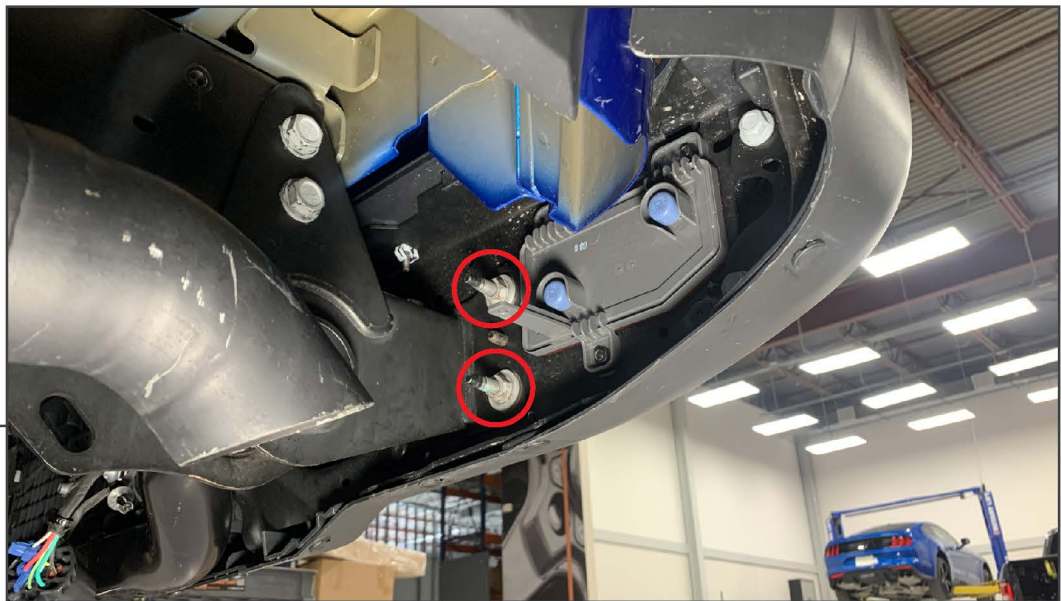
- Panel Removal Tool
- 8mm, 10mm, 16mm, 18mm
Sockets
- Ratchet
- Wire Cutters/Strippers
- Pliers/Wire Crimpers

SKU # JG28013



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, 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.

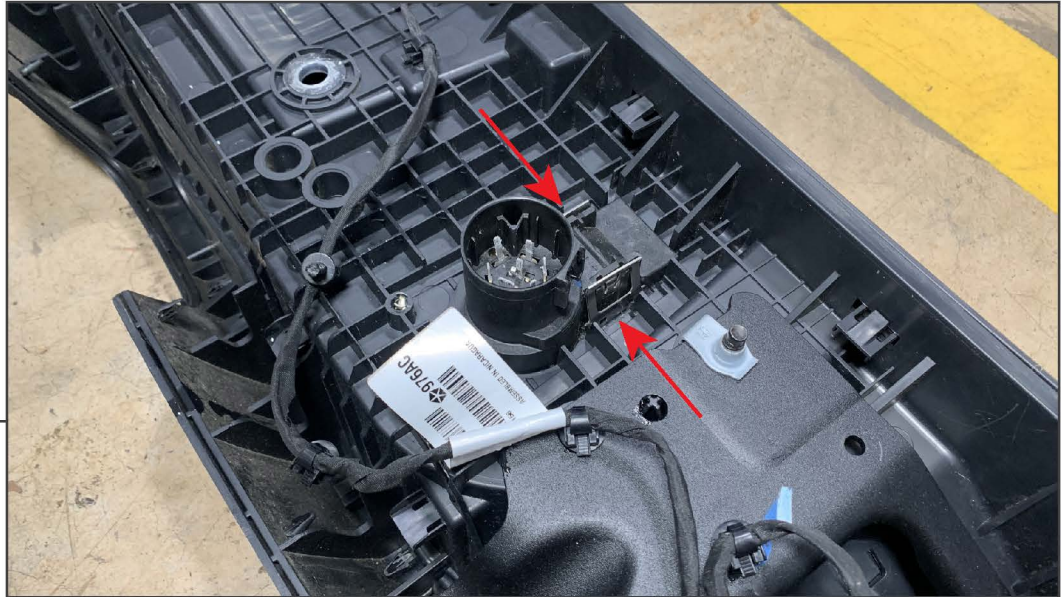


STEP 4

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

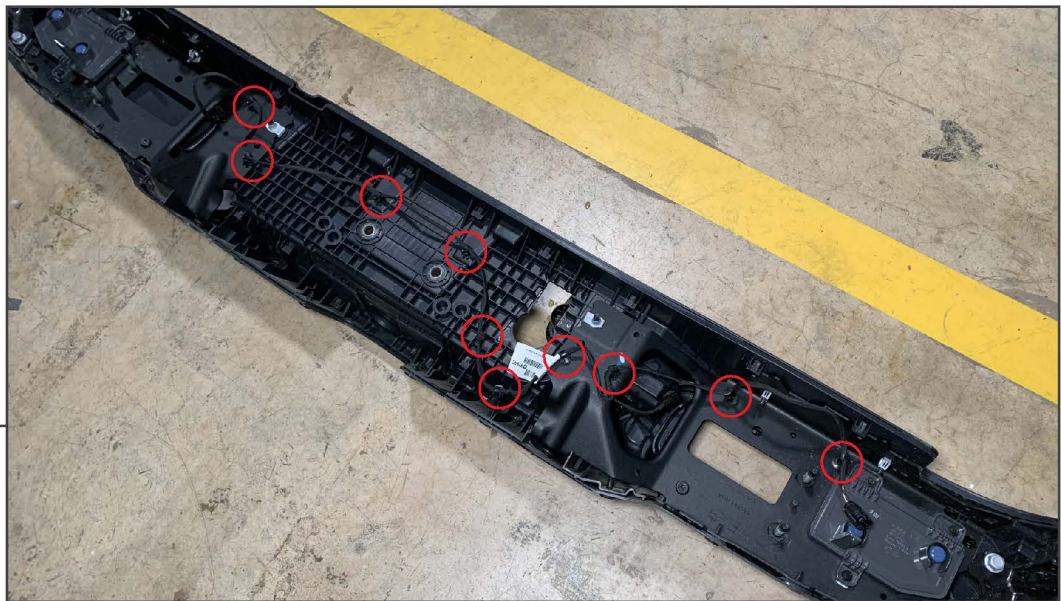
Note: The tow hook will not be reused.

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

Firmly press the trailer wiring connector into the bumper until fully seated.



STEP 10

Install the upper mounting brackets to the vehicle frame using (2) M12 x 40mm Bolts, (2) M12 flat washers, (2) M12 lock washers, and (2) M12 nuts. 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 11

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 12

With assistance, lift the bumper to the vehicle frame rails and secure using (4) M12 flat washers, (4) M12 lock washers, and (4) M12 nuts. Then, secure the upper bracket to the bumper using (2) M12 x 40mm bolts, (4) M12 flat washers, (2) M12 lock washers, and (2) M12 nuts.



STEP 13

Press the (2) license plate screw retainers into the rear bumper.



STEP 14

Neatly route and plug in each license plate lamp using the original wiring harness. Then, plug the included wiring harness into the Jeep logo backlight.

See the following steps for wiring options.



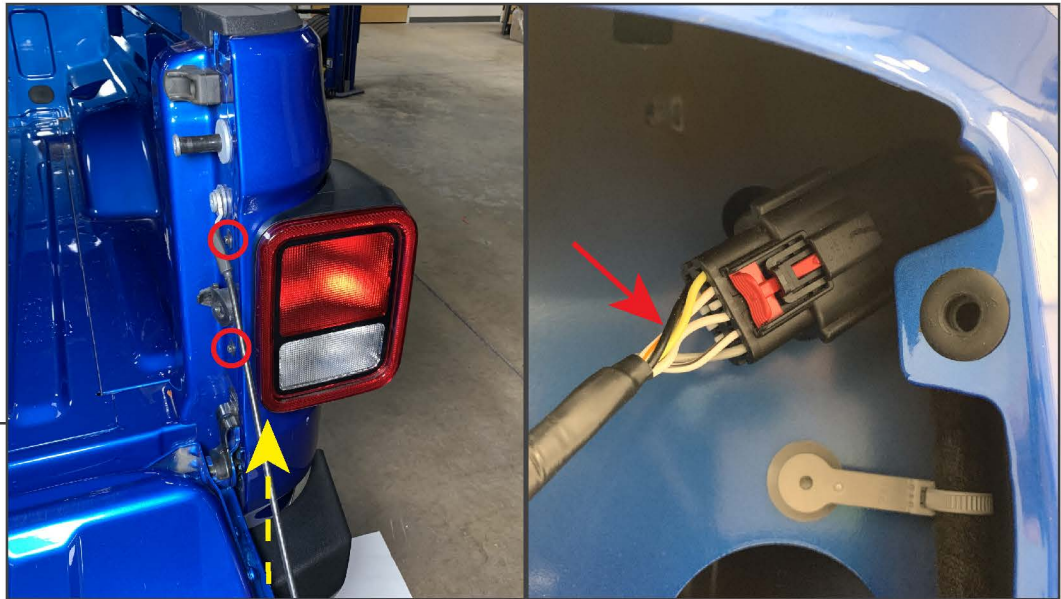
STEP 15
(OPTION 1:
AUX SWITCH)

Wiring Option 1 - Standalone Harness: Route the terminal ends of the wiring harness neatly down the RH side of the vehicle frame, then route the terminals towards the vehicle battery. The terminals will connect to the battery. Route the switch harness across the vehicle firewall towards the LH side of the vehicle.



STEP 16
(OPTION 1:
AUX SWITCH)

Wiring Option 1 - Standalone Harness (cont.): From the interior, feed the switch connector through a suitable firewall grommet. Plug the switch into the wiring harness. Clean the desired switch mounting location using isopropyl alcohol and a microfiber cloth. Peel the double sided tape backing on the switch, and firmly press the switch to the vehicle to adhere into place. Connect the terminal ends of the harness to the vehicle battery (Red = 12V+ , Black = Chassis Ground). Secure all wiring harness away from any moving/hot components using cable ties.



STEP 17
(OPTION 2:
PARKING LIGHT)

Wiring Option 2 - Parking Light: Remove (2) 8mm bolts from the RH tail light assembly. Then, Using the (2) scotchlok connectors, splice into the vehicle tail light wiring harness. The Jeep logo backlight will now function with the vehicle parking lights.

<u>Vehicle Parking Light Wiring</u>	-	<u>Backlight Harness</u>
White/Orange (+)	-	Red (+)
Black (-)	-	Black (-)



STEP 18
(OPTION 3:
BRAKE LIGHT)

Wiring Option 3 - Brake Light: From under the vehicle, locate the third brake light harness under the middle of the vehicle tailgate. Route the backlight wiring harness upwards, and cut the wiring harness to a workable length. Using the (2) scotchlok connectors, splice into the vehicle tail light wiring harness. The Jeep logo backlight will now function with the vehicle brake lights.

<u>Vehicle Brake Light Wiring</u>	-	<u>Backlight Harness</u>
White/Dark Green (+)	-	Red (+)
Black/Gray (-)	-	Black (-)



STEP 19

Ensure all bumper hardware is fully tightened, and the wiring harnesses are neatly routed away from any moving/hot components. Install the (2) 3/4" D-Rings into the bumper mounting points.

Installation is now complete.