



BST HD REAR BUMPER

(2021-2026+ BRONCO)

INSTALLATION INSTRUCTIONS

CONTENTS

- (1) Rear Bumper
- (2) 3/4" D-Rings
- (1) LH Double Nut Plate
- (1) RH Double Nut Plate
- (4) Proximity Sensor Install Kits
- (1) License Plate Lamp Extension Harness
- (4) M12x1.75 x 45mm Hex Bolts
- (2) M12x1.50 x 30mm Hex Bolts
- (2) M12x1.50 Lug Nuts
- (6) M12 Lock Washers
- (6) M12 Flat Washers
- (4) M10x1.50 x 35mm Hex Bolts
- (4) M10 Lock Washers
- (4) M10 Flat Washers
- (2) M8x1.25 x 20mm Allen Bolts
- (2) M8 Lock Washers
- (2) M8 Flat Washers
- (4) M6x1.00 x 25mm Allen Bolts
- (4) M6 Flat Washers
- (4) M6 Lock Nuts
- (20) Cable Ties
- (1) 5mm Allen Key

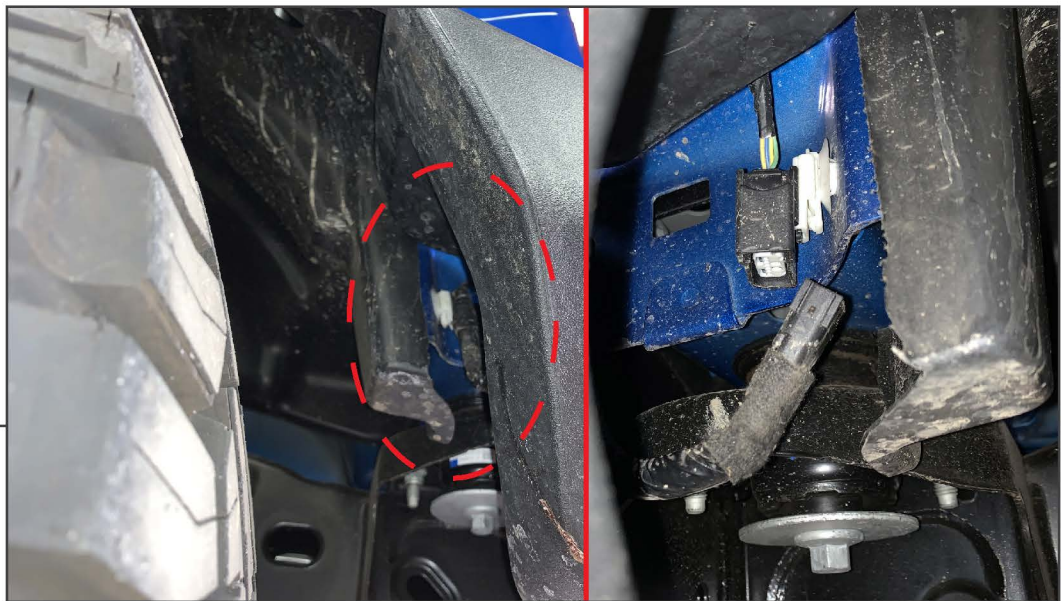
TOOLS REQUIRED

- 13mm, 15mm, 18mm Sockets
- Ratchet
- Panel Removal Tool
- Flathead Screwdriver

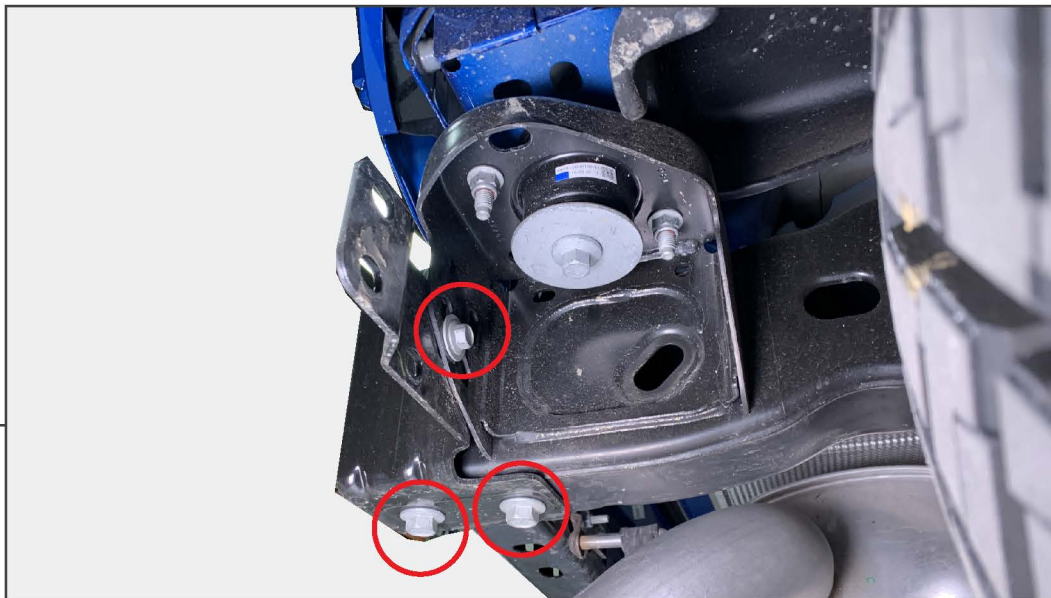
SKU # FB73993
Edited: 12/16/2025

STEP 1

Remove the (3) lug nuts from the spare tire and remove the spare tire from the vehicle.

STEP 2

Behind each rear wheel, disconnect (1) electrical connector per side to disconnect the rear backup sensors and the license plate lamp from the vehicle harness.

STEP 3

Along each rear frame rail, remove (1) 13mm bolt and (2) 18mm bolts from each side to remove the original bumper and tow hook from the vehicle.

STEP 4

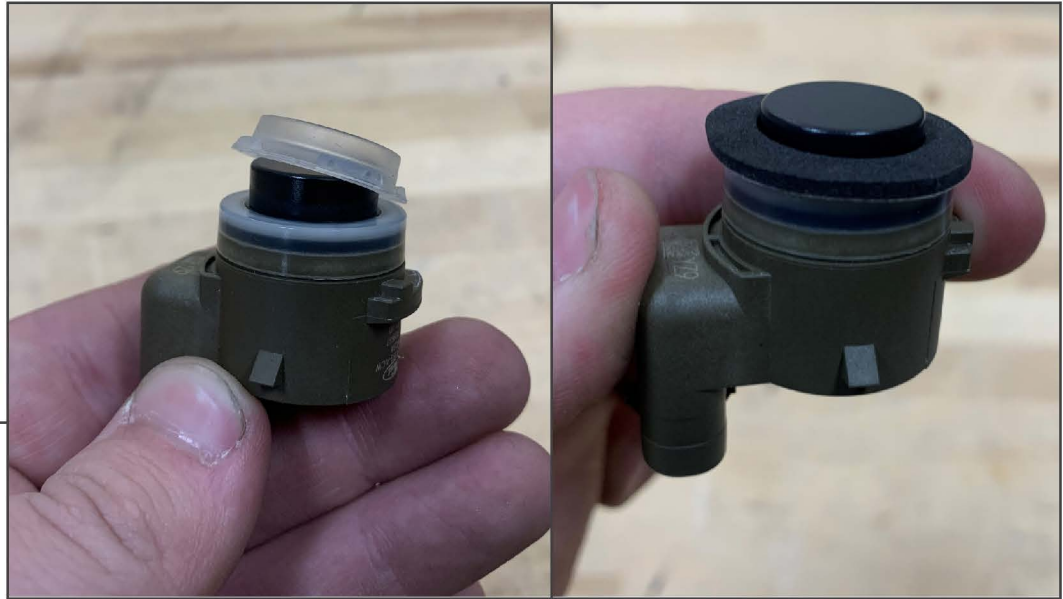
Place the bumper face down on a soft surface. Remove the bumper mounting brackets by removing (8) 15mm bolts.

STEP 5

Unplug the license plate light and backup sensor harness from the bumper. Using a panel removal tool, remove all the wiring harness retaining push pins to remove the harness from the bumper.

STEP 6

Remove the backup sensors from the original bumper using a small flathead screwdriver and transfer the sensors to the new bumper, if applicable. See the following steps for the different mounting styles.

**BACKUP
SENSORS**

Remove the rubber gasket from the sensor. Prepare the sensor for re-installation by applying the supplied foam ring to the sensor. Then reference the following steps for the mounting options.

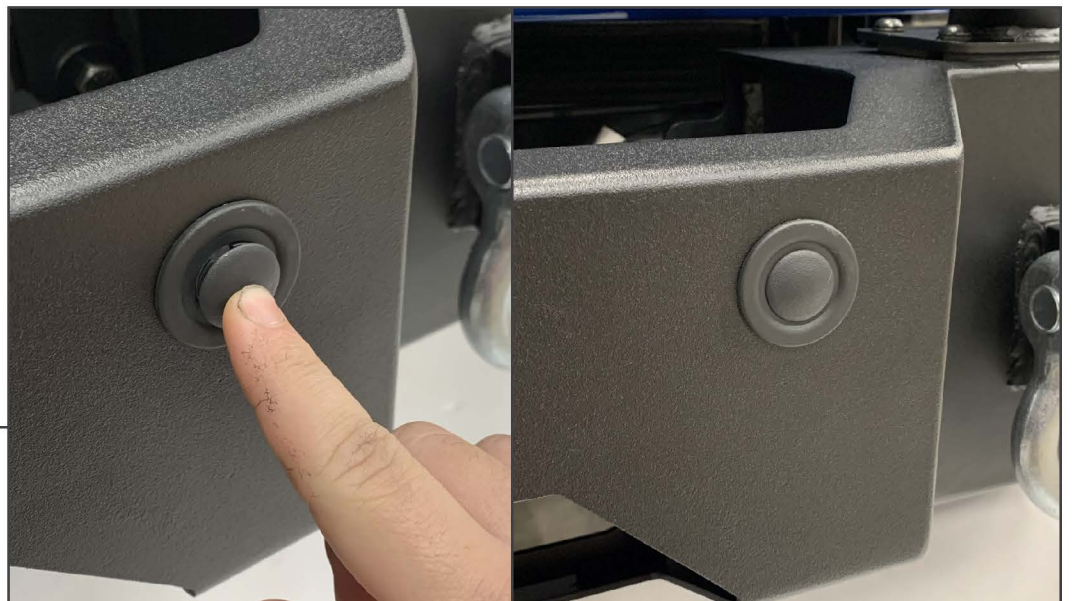
**BACKUP
SENSORS
[Option 1]**

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.

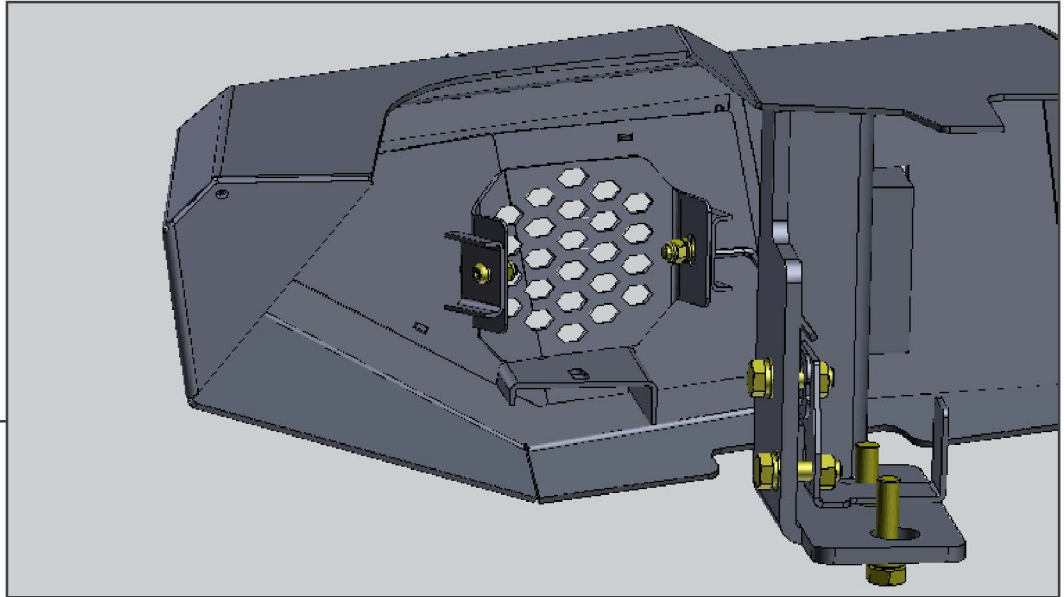
**BACKUP
SENSORS
[Option 2]**

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.

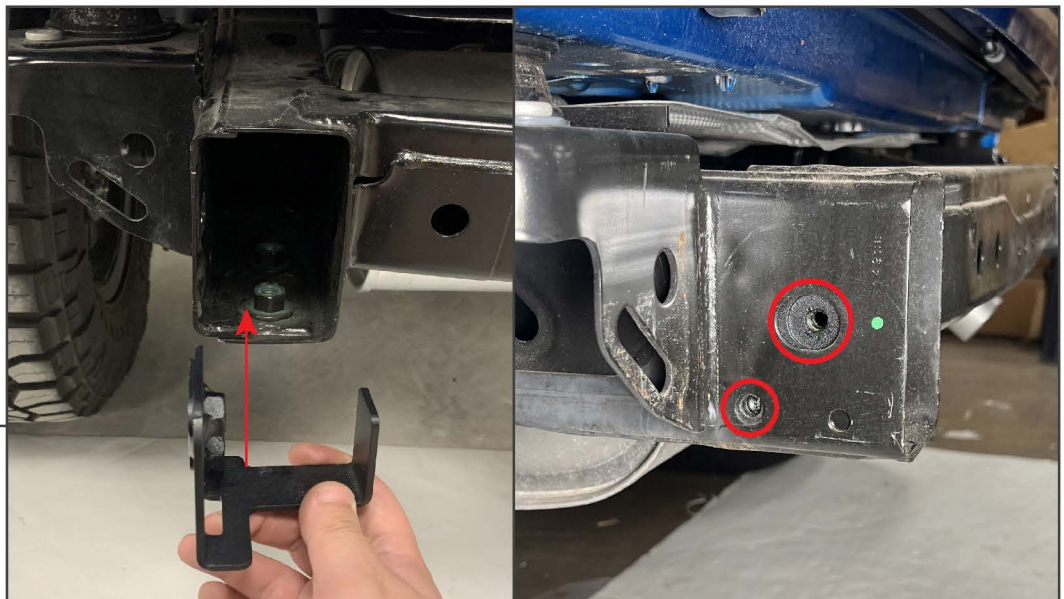
Note: Do NOT over-tighten the screws as the sensor can become damaged.

**BACKUP
SENSORS
[Option 3]**

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

STEP 7

Install the included block-off plates into the bumper lighting holes using (2) M6x1.00 x 25mm Allen bolts, (2) M6 flat washers, and (2) M6 lock nuts.

STEP 8

Insert the designated frame nut plates into the vehicle frame rails, as shown. Ensure the welded nuts align to the holes on the outside of the vehicle frame.



STEP 9

With a helper, lift the bumper to the vehicle frame rails. Loosely secure the bumper to the bottom of the frame rails using (4) M12x1.75 x 45mm bolts, (4) M12 lock washers, and (4) M12 flat washers. Then, loosely secure the bumper to the outside of the vehicle frame rail using (2) M8x1.25 x 35mm bolts, (2) M8 lock washers, and (2) M8 flat washers.

Adjust the bumper into place, and then fully tighten the M12 hardware, followed by the M8 hardware.



STEP 10

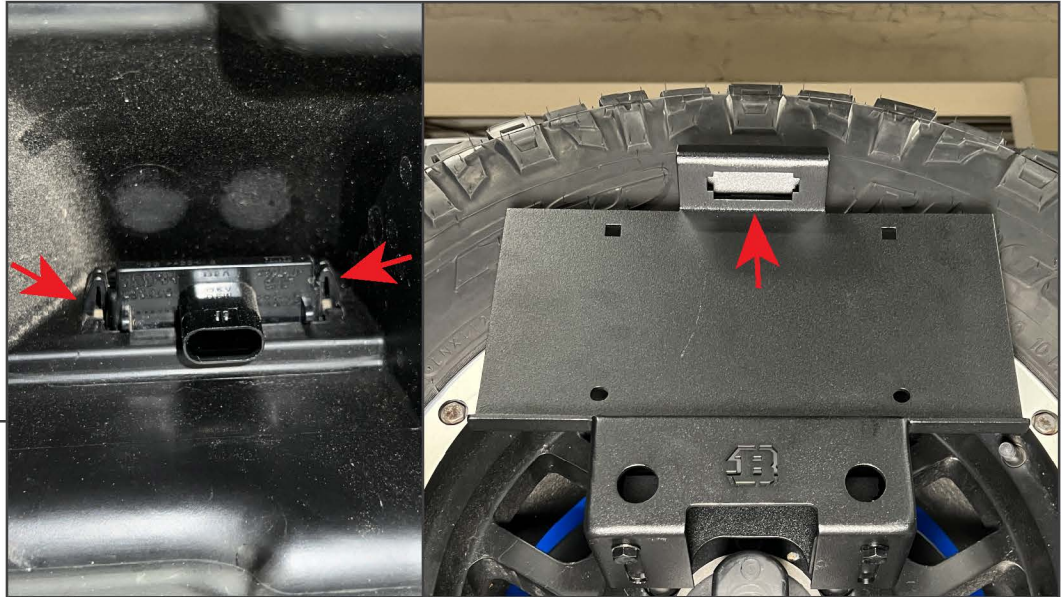
Remove the (2) upper lug nuts from the spare tire. Then, install the provided (2) lug nuts to secure the top of the spare tire to the vehicle tire carrier.

STEP 11

Install the license plate base bracket and upper shield to the previously installed lug nuts using the included (2) M12x1.50 x 30mm bolts, (2) M12 lock washers, and (2) M12 flat washers. Tighten until fully secure.

STEP 12

Loosely secure the license plate bracket to the previously installed brackets using (2) M8x1.25 x 20mm bolts, (2) M8 lock washers, and (2) M8 flat washers. Adjust to accommodate the vehicle wheel, and then tighten the bolts to secure the adjustment.

**STEP 13**

Remove the vehicle license plate lamp from the rear bumper by pressing the (2) retaining tabs while pushing the light assembly through the face of the bumper.

Fit the license plate lamp into the license plate bracket until secure.

**STEP 14**

Open the vehicle tailgate. Locate the tailgate trim panels. Remove the trim panels from the tailgate using a pry tool (metal retaining clips indicated above in YELLOW). Set the trim panels aside.

STEP 15

Carefully cut a slot in the tailgate harness grommet to route the license plate lamp harness into the tailgate. Then, neatly route the license plate lamp harness along the vehicle tailgate harnesses using the included cable ties. Route the harness down along the RH tail light, and towards the center of the bumper.

Plug in the license plate lamp harness connector into the previously installed vehicle license plate lamp.

STEP 16

Neatly route the vehicle rear bumper wiring harness across the rear of the vehicle using the included cable ties. Plug in all proximity sensors. Plug in the license plate lamp extension harness into the vehicle bumper harness.

Plug in each end of the bumper wiring harness into the vehicle chassis harness under each tail light.

Note: If the proximity sensor harness is strained/limited to reaching all sensors initially, strip back some of the harness loom to reveal additional wire lead length. Add new tape/loom if necessary.

STEP 17

Remove the vehicle license plate from the original bumper. Fit the included (2) square license plate screw inserts into the square holes in the license plate bracket. Align the license plate and secure into place using the original vehicle license plate screws into the square inserts.

STEP 18

Install the (2) 3/4" D-Rings, if desired.

Installation is now complete.