Step 1 Rear Crusader Bumper Install Instructions

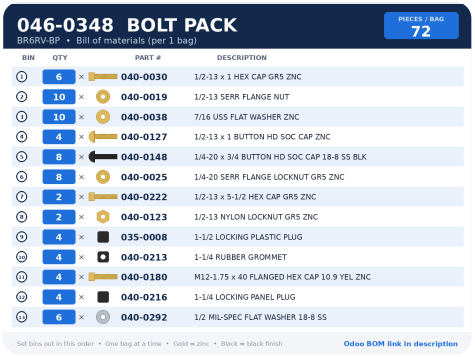


Step by step on how to install the Ford Bronco (2021+) Rear Crusader Bumper. Please read all steps carefully before starting the install. Tools needed: 19mm, 18mm and 13mm sockets, a tape measure, wrenches for the 1/2" and M12 hardware, and RTV (recommended for the sensors). A helper is recommended for lifting the bumper.

Questions or Support:
Phone: 269-353-1184
Email: info@jcroffroad.com

Step 2 Included Parts & Hardware





046-0348 BOLT PACK

BR6RV-BP • Bill of materials (per 1 bag)

PIECES / BAG 72

BIN	QTY	PART #	DESCRIPTION
1	6	040-0030	1/2-13 x 1 HEX CAP GR5 ZNC
2	10	040-0019	1/2-13 SERR FLANGE NUT
3	10	040-0038	7/16 USS FLAT WASHER ZNC
4	4	040-0127	1/2-13 x 1 BUTTON HD SOC CAP ZNC
5	8	040-0148	1/4-20 x 3/4 BUTTON HD SOC CAP 18-8 SS BLK
6	8	040-0025	1/4-20 SERR FLANGE LOCKNUT GR5 ZNC
7	2	040-0222	1/2-13 x 5-1/2 HEX CAP GR5 ZNC
8	2	040-0123	1/2-13 NYLON LOCKNUT GR5 ZNC
9	4	035-0008	1-1/2 LOCKING PLASTIC PLUG
10	4	040-0213	1-1/4 RUBBER GROMMET
11	4	040-0180	M12-1.75 x 40 FLANGED HEX CAP 10.9 YEL ZNC
12	4	040-0216	1-1/4 LOCKING PANEL PLUG
13	6	040-0292	1/2 MIL-SPEC FLAT WASHER 18-8 SS

Set bins out in this order • One bag at a time • Gold = zinc • Black = black finish

Odoo BOM link in description

Check that you have all of the parts and hardware shown before starting. Hardware pack: 046-0348 (every bolt, nut and washer is listed in the bill of materials picture).

Step 3 Remove the Spare Tire



Remove your spare tire with a 19mm socket.

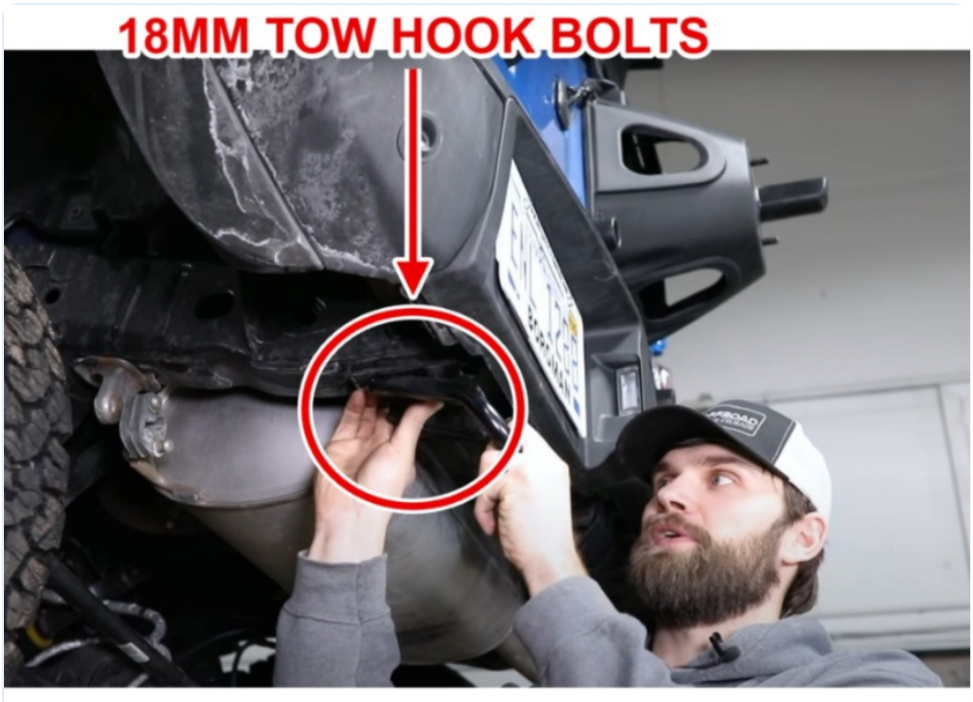
Step 4 Disconnect Sensors and Remove Bolts





Disconnect the back up sensor harnesses on both sides behind the fender liner by pressing the tab and pulling down. Remove the forward facing bolt on each side below the connectors with a 13mm socket.

Step 5 Remove the Factory Tow Hooks





Remove the factory tow hooks by taking out the two bolts in each with an 18mm socket, then pull down on the front of each hook to release the clip.

Step 6 Remove the Factory Bumper



With the hardware removed, the bumper rests on the frame. Pull it out to remove it from the vehicle.

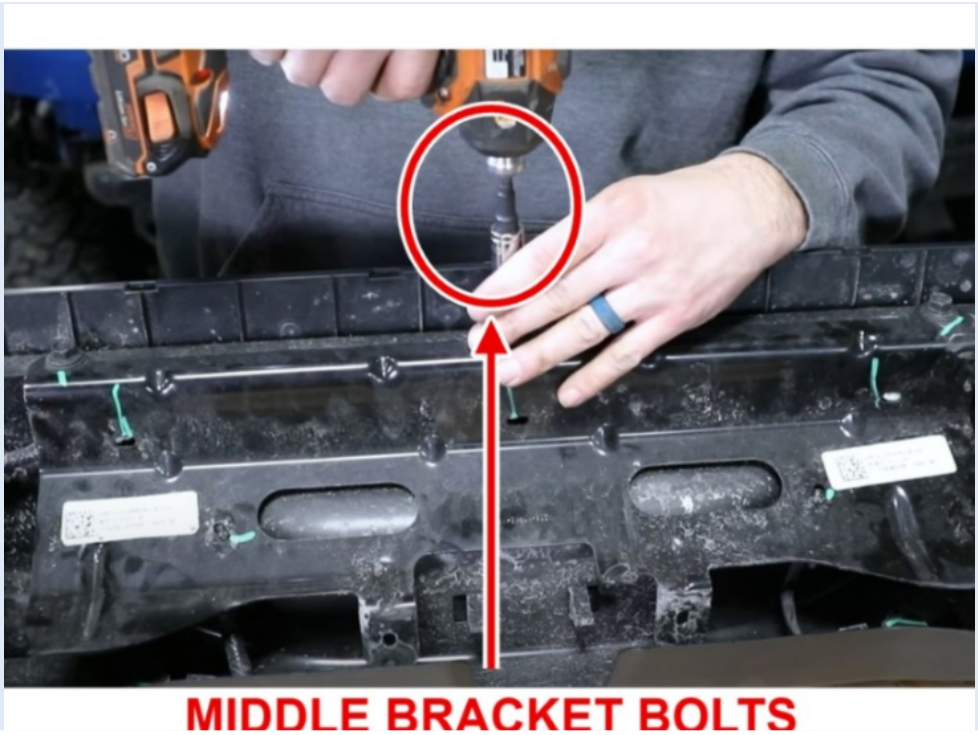
Step 7 Release the Harness Clips





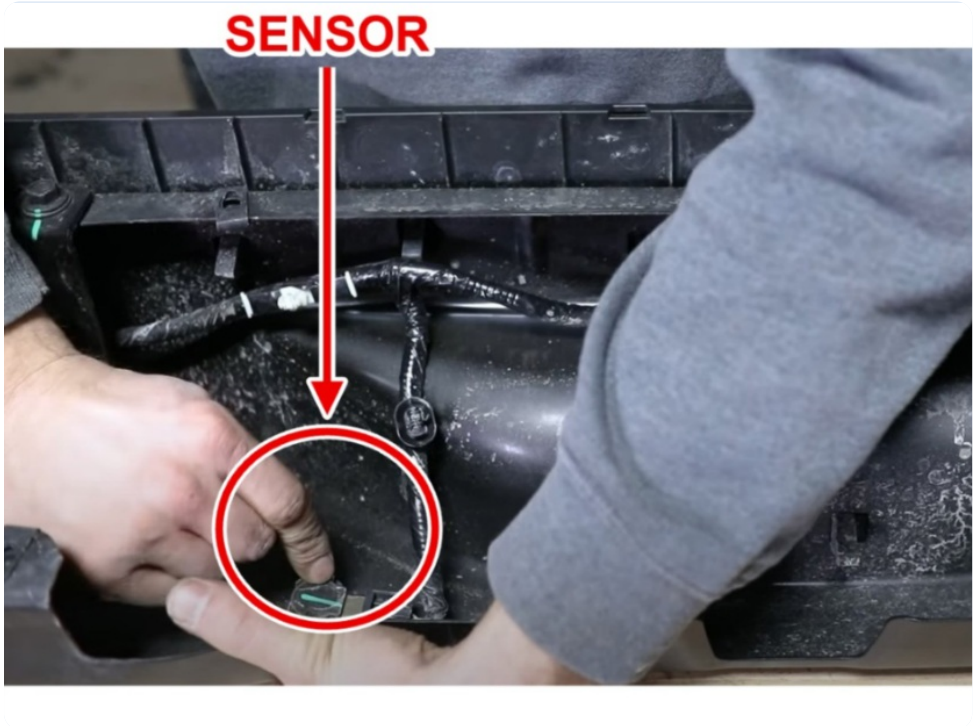
With the bumper off, push out the small plastic clips holding the sensor harnesses through the metal brackets. The license plate light clip can be carefully cut if it resists.

Step 8 Remove the Middle Bracket



Remove the five bolts holding the middle bracket with a 13mm socket.

Step 9 Remove the Plate Light and Sensors





Disconnect the license plate light (press the thumb tab) and pop the sensors out by pressing the front face while pushing out on the two tabs behind them.

Step 10 Remove the Sensor Harness



Carefully pull both sides of the harness to the middle and remove it from the bumper. Note which side is driver and which is passenger.

Step 11 Install the Tie-In Brackets

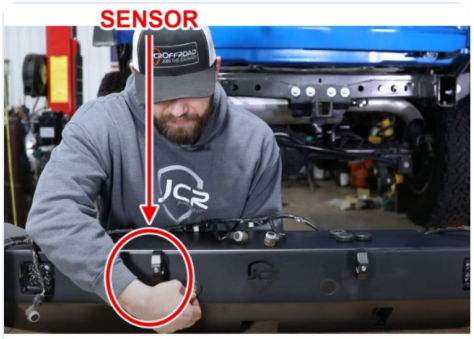




Mount the tie in brackets to the rear frame corners with three 1/2-13 x 1 inch bolts, 7/16 inch washers, and serrated flange nuts, plus the black square washer on the sideways bolt. Position the top face 1-1/8 inch below the bottom edge of the vehicle, then tighten.

Step 12 Install Sensors in the New Bumper





Push the 1-1/4 inch rubber grommets into the new bumper sensor holes, then push the sensors in from the inside until flush with the grommet. Keep the driver harness on the driver side. A thin line of RTV around the sensors helps hold them.

Step 13 Set the Bumper on the Brackets



Set the bumper on the tie in brackets and loosely hold it with the two 1/2-13 x 1 inch button head bolts through the tops of the brackets.

Step 14 Install the M12 Bolts



Loosely install the four M12 bolts into the factory mounting holes underneath the vehicle.

Step 15 Install Nuts, Center and Tighten





Reach through the step holes and loosely thread the 1/2 inch serrated flange nuts onto the bolts. Center the bumper, check hatch clearance when fully open, then tighten those bolts and the M12 bolts underneath.

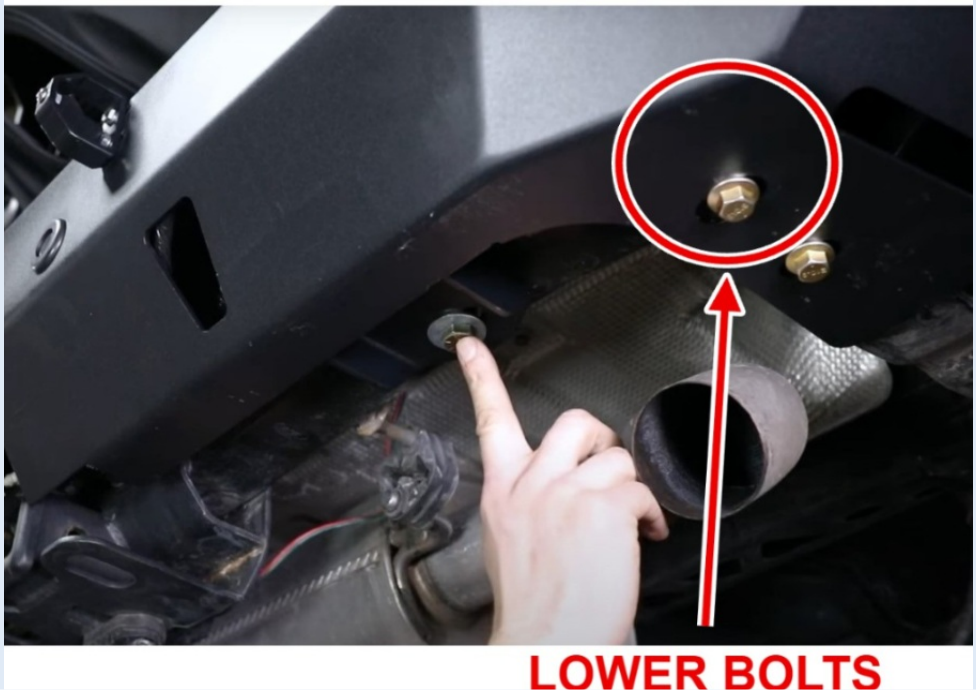
Step 16 Reconnect the Sensor Harness





Route and reconnect the sensor harness on each side of the vehicle.

Step 17 Install Lower Bolts and Tighten



Install the 1/2"-13 x 5-1/2" bolts into the two remaining holes in the bottom of the bumper, up through the cross member, with a 7/16" washer on the top and bottom and a 1/2"-13 nylock nut on top. Make final adjustments to the bumper position and tighten everything.

Step 18 Final Check



That’s it! Make sure all of your bolts are tight and enjoy your new Rear Crusader Bumper! Be sure to check out jcroffroad.com for even more Ford Bronco products.

Step 19 Installation Complete



Congratulations, you have completed the install of your new Rear Crusader Bumper! Enjoy your new product.

Questions or Support:
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