

Installation Instructions: Heavy Duty Stock Bumper Tire Carrier

#4964/4965

Please make sure all hardware is present immediately, if not, report within 72 hours of receiving HD STK BPR TC.



Contents:

1	Bumper Receiver Mount	1	1/2 x13 Thin Nyloc Nut
1	Tire Carrier Assembly	1	5/16-18 x 1.25" Stainless Hex Bolt
1	5/16-18 2" GR5 hex bolt	2	7/16-14 stover nut
1	5/16-18 PLTD GR5 NYLOC	4	7/16 SAE zinc flat washer
2	5/16 SAE flat washer	2	7/16 plated flat washer
4	7/16-14 x 1.25" BPRBOLT	4	7/16 plated lock washer
3	7/16-14 x1.25" GR5 hex bolt	2	1/2-13 x 1.5" GR5 hex bolt
2	7/16 GR5 hex bolt	2	1/2-13 plated nut
2	7/16 SAE plated flat washer	4	1/2 SAE flat washer BPR SHIMS
1	Long Rubber Bumper	3	1/2 USS flat washer

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6609 Bronco Ln.
Knoxville, TN 37921
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1 1/2 plated lock washer
2 9/16 SAE flat washer
1 Plastic Red Cap Plug

PLEASE READ INSTRUCTIONS COMPLETELY THROUGH BEFORE STARTING INSTALLATION AND GO TO BRONCO GARAGE FOR INSTALL VIDEO - <http://bit.ly/32vwJSb> Notes: Test Fit entire assembly before painting or powder-coating

- 1.) Remove Existing Rear Bumper assembly.
 - 2.) Check Frame horns for squareness.
 - 3.) If you have an aftermarket or reproduction bumper you may need to install washers on top of the frame horn to shim the bumper. This is because some of the reproduction bumpers are slightly wider.
 - 4.) Next using painters tape, mask off key areas on the body of the Bronco. These include the passenger side quarter panel and the face of the bumper from the middle to the end towards the passenger side. Use long strips and make the tape easy to remove because once the bumper is in place it may be difficult to remove the tape.
 - 5.) Next you will want to install all the parts before painting them to ensure everything fits and functions properly. Now carefully slide the Duff bumper mount into the rear frame horns
 - 6.) Carefully pull the drivers side of the Duff bumper mount out towards the rear of the Bronco so it is at an angle to install the bumper in place. Refer to video at 4:46 for clarification. Once the bumper mount is painted you will need to install the plastic red cap plug into the front of the Duff bumper mount. There is a 1" hole that the plug will insert into directly in front of the passenger side frame horn.
 - 8.) Carefully slide the bumper into place, it may make some contact with the duff bumper mount. Be very careful and take your time. Push the Duff bumper mount into place on the frame horns; line up holes on frame, bumper and receiver assembly. At this time if your bumper needs the 1/2" shims install them between the bumper and the top of the frame horn.
 - 9.) On the passenger side top & furthest rear hole, hand tighten & install the 7/16 hex bolt with lock washer and flat washer. Do not use a dome head bolt here. You will not be able to tighten it.
 - 10.) On the driver side rear, install the dome head bolt, with flat washer and locking nut.
 - 11.) Next on the passenger side top forward hole in the frame, install the 1/2 bolt with lock washer and flat washer into the captured welded nut on the Duff bumper assembly. For the driver side you will use another 1/2 bolt and flat washer on top, with a flat washer and nyloc nut. Hand tighten for now.
 - 12.) Using a long punch or screwdriver align the holes on the bottom of the bumper and assembly. Install 7/16 bolt, flat washer and stover nut on driver side. On the passenger side use the dome head bolt, lock washer, flat washer and lock nut.
 - 13.) Before tightening everything make sure the bumper is not making contact with the pivot mount use a rubber mallet to gently align assembly.
 - 14.) Proceed with tightening all 6 bolts.
 - 15.) Install tire carrier bumpers. The longer one goes horizontally, the shorter one goes on top. Proceed to tire carrier instructions.
- NOTE: WE HAVE MADE DESIGN CHANGES SINCE THE FILMING OF THE INSTALL VIDEO, THE UPPER MOUNTING PLATE HAS MOVED, OVERALL THE INSTALL IS STILL THE SAME**

Scan to learn how to install:



LIMITED WARRANTY

James Duff Inc. warrants our products to the original purchaser to be free from defects in materials and workmanship. Warranty periods begin at the date of purchase and varies by product. Shocks have a limited lifetime warranty. Headers, Radiators, Suspension Products, Power Brake Boosters and Master Cylinders have a one year warranty. Adapters and soft goods such as vinyl and rubber products have a 90 day warranty. All warranties are to the original purchaser with proof of purchase only. Such obligations under this warranty shall be limited to the repair or replacement, at JDI's discretion, of any assembly or part which upon examination by JDI proves to be defective. Any costs of removal, installation, reinstallation or freight charges are expressly excluded from this warranty. This warranty covers only manufacturer defects, and does not cover product finish or damage resulting from abuse, misuse, negligence, racing, alteration, accident or damage in transit.

All returns must be pre-authorized by JDI and accompanied with a Return Goods Authorization (RGA) and a dated proof of purchase. Returns must be made within 90 days of purchase, packaged sufficiently to prevent damage in shipment and sent prepaid to: JDI, 6609 Bronco Ln., Knoxville, TN 37921. Returns without an RGA will be refused.

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