

# INSTALLATION INSTRUCTIONS: 1966-77 Bronco Heavy Duty Track Bar Raise Bracket

## PART #5406

### CONTENTS:

1 HD Track Bar Raise Bracket

### Lower Replacement Mounting Hardware

1 3/4" x 2" NC GR 5 Bolt

2 3/4" Flat Washers

1 3/4" NC Nyloc Nut

### Track Bar Mounting Hardware

1 3/4" x 3 1/2" NC GR 8 Bolt

1 3/4" 2" O.D. Flat Washer

1 3/4" Flat Washer

1 3/4" NC GR 8 Nyloc Nut

**Disclaimer: This axle riser bracket is designed to work with all factory equipped '66-'77 Bronco axles. If you have a different axle, this bracket will require modifications, additional parts, and knowledge of how to correctly setup steering and suspension geometry.**

**Do not re-use old worn out bushings & hardware as they will cause bumpsteer and death wobble. See video at Bronco Garage for more information - <https://youtu.be/4aEzA2myA-c>**

### Please read completely before beginning.

1. Park the vehicle on a flat, level surface. Chock the rear tires and raise the front of the vehicle. Place 2 jackstands under axle. Remove passenger side wheel and tire.
2. Remove steering linkage from passenger side knuckle & pitman arm and rotate assembly out of the way.
3. Unbolt & remove track bar from the frame & axle.
4. The factory bolt on the track bar axle bracket is tack welded. You have 2 options. Cut it off and leave a 1/8" -3/16 nub or grind off the weld and remove it.
5. Inspect and re-weld/repair the stock bracket to axle housing as necessary.

-If this part is missing it must be replaced before continuing.

6. Slide the new Raise Bracket over the stock bracket making sure that it fits flush against the face of the stock bracket. Secure the bottom hole in the bracket with the 3/4-10 x 2" NC GR 5 Bolt, Washers and 3/4-10 Nyloc Nut or clamp it to the axle if you cut the bolt off.

7. Mark where new bracket makes contact with axle tube. Remove bracket and prep for welding.

8. Prep axle & raise bracket with weld through primer. See image on bottom right for guide on where to remove paint.

9. Tack weld bracket & and verify bottom edge of bracket is level with the axle tube.

10. Install track bar & steering.

11. Use the 3/4" x 3 1/2" NC GR 8 Bolt, Washers and Nyloc nut to secure the track bar in its new upper position. Note that the 2" O.D. washer goes against the bushing. Do not torque yet.

12. Cycle the steering all the way left and right, verifying all clearances and that the



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geometry between the track bar and the drag link are as close to parallel to each other as possible. If all of this is acceptable, remove the track bar for welding as to not damage the urethane bushings.

13. Weld the bracket fully to the axle housing along all edges between the bracket and axle housing front and back. Be sure to use a 220v welder & do not over heat the axle tube. Be sure to weld the bracket to the cut off bolt if you choose to cut off the original bolt. Allow the bracket to cool.

14. Prep & Paint bracket - VHT Chassis gloss black is preferred.

15. Re-attach the track bar using the 3/4" x 3 1/2" NC GR 8 Bolt, Washers and Nyloc nut to secure the track bar in its new upper position. Torque to 150 ft-lbs. See our hassle free adjustable track bar (#5417) to save time when resetting your Bronco's track. Use a plumb bob to verify that your axle is centered over your body. Hold the plumb bob at the top center of the fender opening and let it hang over the top center of the front tire. Measure from the plumb bob to the outside of the tire. Compare driver side to passenger side until they match.

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16. Go get a professional alignment.

17. Re-check all fasteners after 50 miles and after every off-road excursion & every oil change.



**#6002 C-Bushings**



**#5417 HD Hassle Free Adjustable Track Bar**



**#6108 Track Bar Bushing Set**



**#5411 Heavy Duty Trac Bar End**



**#5472 Stock Replacement Pitman Arm**



**#5120 Heavy Duty Lower Coil Spring Retainers**



**#5641 Dual Sport Heim Steering System**



**#6100 Strut Arm Bushings**



**#5409 HD Drop Trac Bar Bracket**

#### SUSPENSION PRODUCT INFORMATION

Modifying your vehicle with JDI products to improve off road performance may result in the vehicle handling differently than a factory equipped vehicle. Taller tires will cause the vehicle's speedometer to read slow, so recalibration is required. Use of oversize tires, suspension lifts, body lifts, and other modifications may raise your vehicle's center of gravity, resulting in an increased tendency for the vehicle to pitch and roll during sudden turns or abrupt maneuvering. Failure to drive with extreme care to prevent loss of control or vehicle roll over may result in injury or death. Drive at a reduced speed to ensure your ability to maintain control of the vehicle under all driving conditions. We recommend installing functional roll bars and cages as well as double shocking all vehicles for more safety and stability on or off road. Always wear seat belts when in a vehicle. Consult your owners manual for recommended tire sizes, safety instruction and warnings unique to your vehicle. It is your responsibility to check state and local laws restricting vehicle height to ensure that modifications to your vehicle are legal.

#### 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 and Suspension Products, Power Brake Boosters and Master Cylinders have a one year warranty. Adapters and soft goods such as upholstery, 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, re-installation or freight charges are expressly excluded from this warranty. This warranty covers only manufacturers 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 Number (RGA) and a dated proof of purchase. Returns must be made within 30 days of arrival, packaged sufficiently to prevent damage in shipment and sent prepaid to JDI, 6609 Bronco Lane, Knoxville, TN 37921. Returns without an RGA# will be refused. This warranty is expressly in lieu of all other warranties, expressed or implied, including the implied warranties of merchantability and fitness for use. This warranty gives you specific legal rights including other rights that vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, or do not allow the exclusion of limitation of incidental or consequential damages, so the above limitations and/or exclusions may not apply to you.