

INSTALLATION INSTRUCTIONS: 5417
Early Bronco Heavy Duty Hassle Free Track Bar



865.938.6696 www.dufftuff.com
6609 Bronco Ln.
Knoxville, TN 37921
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CONTENTS:

- 1 Track Bar - **A**
- 1 Adjustment Bar - **B**
- 1 3/4-16 R/H Jam Nut - **C**
- 1 3/4-16 L/H Jam Nut - **D**
- 1 Female 3/4 Rod End W/ Pressed Sleeve - **E**
- 2 Track Bar Bushings - **F**
- 1 Bushing Sleeve - **G**
- 1 5/8-18 x 3.5" Grade 8 Bolt - **H**
- 1 5/8 -18 Nyloc Nut Grade 8 - **I**
- 2 5/8 SAE Washer Grade 8 - **J**
- 1 3/4-16 Castle Nut - **K**
- 1 1/8 x 1.5" Cotter Pin - **L**
- 1 Red Loctite

Tools Required -

- 1-1/8 Wrench
- Crescent Wrench
- 15/16 Wrench and Socket
- Ratchet to match 15/16 socket.
- Measuring Tape
- Plumb Bob

Potential Tools -

- Drill
- 5/8 Drill Bit

IMPORTANT: Read ALL directions and verify ALL parts are accounted for before doing this install.

NOTE: This system **REQUIRES** you to drill your track bar mount at the frame to 5/8" **DO NOT** attempt this install before verifying the hole is 5/8" or drilling your factory track bar frame mount. See #6158 to purchase drill bit.

1. Before removing the track bar, inspect the attaching points for movement while moving the steering wheel slightly left to right. The track bar to axle mounting stud is prone to work loose while the frame holes tend to elongate. Looseness here can cause tire/wheel shimmy. Make your repair first if needed.

2. Remove the track bar. If you are installing a track bar riser, do this now. - Refer to #5406 for installation instructions.

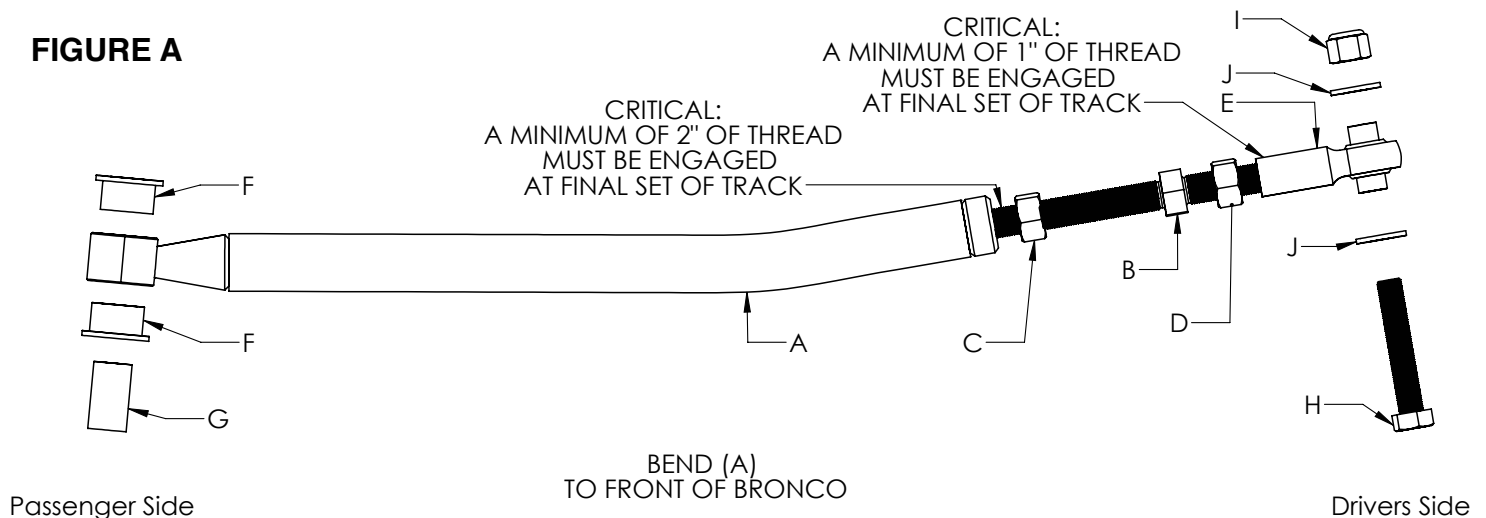
Note: if you have Duff 4" bump stops installed in the front, remove the driver side bump stop then proceed to step 3.

3. Using a 5/8" drill bit, drill your track bar mount at the frame. You may want a helper to ensure you are drilling straight and level. Position your drill from the back side. Go slow and stop immediately after the drill goes through the second bolt hole.

4. 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 are within an 1/8" of each other.

5. With the axle close to center under the Bronco, measure the eye-to-eye distance of the track bar mounts, then adjust the new track bar length accordingly. Use **Figure A** to assemble your track bar. Be sure that your Heim end (**E**) only has 1/4" or less of threads exposed once the bar is installed and 100% Aligned. If you are not lifting or changing your steering geometry or adding a track bar axle riser bracket, and your axle was properly centered before removing your existing track bar, You can use the length of your current track bar as a guide to set up the new one.

FIGURE A



IMPORTANT: See Figure A for Critical info on setting up your track bar correctly!

6. Install the polyurethane bushings (F) and sleeve (G) as shown in **Figure A**.

Note: The bar's main bend, points towards the front of the vehicle in order to clear the front differential.

7. Install the track bar at the axle, use the castle nut (K) and cotter pin (L). Then, install the adjustable end at the frame using the supplied hardware as shown in **Figure A**.

8. Now that you have the track bar installed, re-check the body alignment as done in **step 4**.

9. Using a 1-1/8" wench and a crescent wrench you can now lengthen or shorten your track bar at the adjustment bar (B) to fine tune your track. Once your track is set, now tighten your jam nuts and the attachment points of the track bar ends. Torque castle nut at axle to 150 ft. lbs. Torque 5/8-18 nut at frame to 100 ft lbs.

10. Cycle your steering all the way from driver to passenger and inspect the tires/wheels, steering, suspension and brake systems for proper operation, tightness and adequate clearance. Do not cycle your steering with the full weight of the Bronco on the ground unless the Bronco is running and has power steering.

11. Take the vehicle for a short test drive. Recheck all bolts and fasteners for tightness. We recommend you recheck at every oil change, as well as before AND after going off-road.

12. We recommend that you get a professional alignment. Once your alignment is completed loosen jam nuts and apply 2-3 drops of loctite. Then re-tighten jam nuts.

Important: If you ever plan on adjusting the bar in the future do not use more than 2 or 3 drops of loctite at the jam nuts.



**Dual Sport Heim
Steering System #5641**



Trac Bar Raise Bracket #5406



**#5472 OE Replacement Pitman
Arm**



Dual Sport Coil Retainers #5121



5/8" Drill Bit #6158



#5312 Hellwig Front Sway Bar

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.