



INSTALLATION INSTRUCTIONS:

#5326 Torque Tamer Long Travel Traction Bar, 1966-77 Bronco



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CONTENTS:

1	Traction Bar Arm	4	1/2"-13 X 4" GR 5 Pltd Bolt
1	Cross Member, Main	3	1/2"-13 X 3 1/2" GR 8 Bolt
1	Cross Member, End	6	Urethane Bushings
2	Shackle	7	1/2" NC Nyloc Nut
1	Axle Mount, Large	1	3/4" Nyloc Nut
1	Axle Mount, Small	1	3/4" X 2" GR 5 Bolt
6	1/2" SAE Washer	1	3/4" SAE Washer
1	3/4" Jam Nut	4	3/8" X 3/4" Self Tapping Screw
1	3/4" Rod End	3	Steel Sleeve



Please read all instructions before beginning. Note: This kit requires welding for installation. Some exhaust modifications may be needed, traction bar will fit with Duff Exhaust System Part #3090

1. Measure from the forward edge of the under cab body mount below the seat platform 10 1/2" and make a mark, repeat this step for the other side.
2. Orient the cross member so that shackle attachment point is facing rearward.
3. Insert the Cross Member End into the Main Cross Member, center the tube on the mark, clamp the cross member in place.
4. Using the frame bracket as a guide mark the 4 side holes and drill 1/2" holes sideways through the frame and secure with the 1/2" X 4" GR 5 Bolts, washers and Nyloc nuts.
5. Drill a 21/64" in the bottom of the frame using the holes in the cross member frame mounts as a guide. Secure the bottom four holes using the 3/8" Self Tapping screws.

6. Install the urethane bushings in each eye end of the traction bar and cross member. Insert the steel sleeves into each of the bushing sets.

7. Thread the jam nut onto the rod end about half way, and then thread the rod-end into the threaded hole leaving about 3/4" of the threads exposed in the back of the traction bar.

8. Attach the shackles to cross-member so that the end with two holes is facing up using the 1/2" X 3 1/2" Bolt and Nyloc nut.

9. Using the 3/4" X 2" GR 5 Bolt attach the Large Axle Housing Mount to the rod end on the outside of the arm. Secure with the Washer and 3/4" Nyloc Nut.

10. Attach the Small Axle Housing Bracket to the inside top of traction bar using the 1/2" X 3" Bolt, Washer and Nyloc Nut. (See Fig. 1)

11. Loosely attach the traction bar to the Cross Member using the 1/2" X 3 1/2" Bolt and Nyloc nut.

12. Position the rear mounts over the axle housing and check for alignment, adjust angle to a good fit.

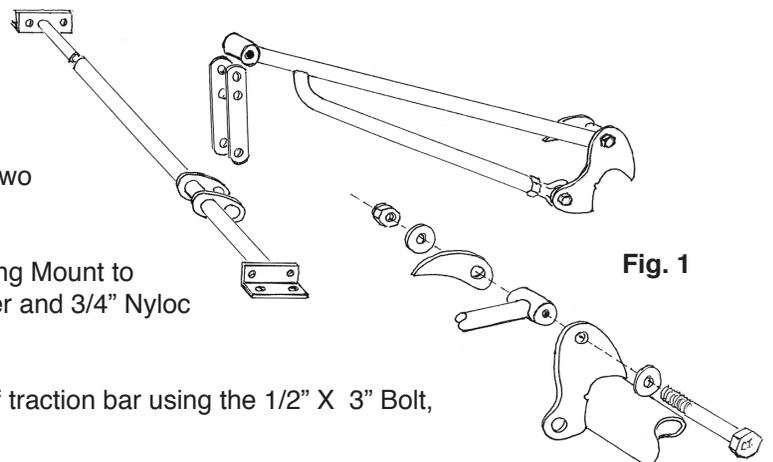
13. The shackles should be close to the 12 o'clock position. Fine adjustment can be made by adjusting the rod-end, if more adjustment is needed the traction bar can be moved to the other hole in the shackle.

14. After proper alignment is complete, clean the area around the axle mounts and tack weld the brackets to the axle housing.

15. Remove the traction bar from the axle mounts and fully weld the brackets to the housing. When the mounts have cooled paint the welds to prevent rusting.

16. Re-attach the traction bar to the axle mounts and tighten the bolts and nuts securely.

17. Make any final adjustments and tighten the shackle bolts and rod end jam nut securely.



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