

Torque-Arm Installation Instructions

Important Notice:

Moser 12 bolt rear ends do not use the conventional through bolt factory style mounting on the axle housing. Instead they use a threaded bolt into the housing and this is known for being an issue with aftermarket torque arms. Please note that we cannot warranty this item if used with a Moser rearend due to Moser mounting system. We do recommend the customer with the axles to check torque on your axle mounting bolts regularly.

1. Raise the vehicle on level ground and place securely on jack stands under the frame allowing the suspension to hang free.
2. Remove the large through bolts that hold the factory torque arm to the rear end.
3. Remove the 3 bolts holding the torque arm mount to the transmission. Remove the entire torque arm and mount. Some vehicles it may be required to lower the transmission.
4. Separate the two halves of the factory transmission side mount from the torque arm.
5. Locate the 4 rivets on the factory clamshell mount and drill or grind them out to allow for removal of the factory rubber.
6. Reinstall the side of the mount that installs to the transmission and torque to factory specifications.
7. Place the J&M synthetic polymer bushings on the transmission side torque arm mount and then install the outer clamshell over the poly bushing and leave the bolt loose
8. Grease the inside of the poly bushing and the nose of the torque arm using the supplied lube and push the nose of the torque arm through the bushing.
9. Assemble the turnbuckle and solid rod ends onto the torque arm and leave jam nuts loose.
10. Place the rear bracket over the axle housing and install the factory through bolts and leave loose.
11. Slide the torque arm axle side into the mount. You may need to force the axle around to achieve this.
12. Slip the 5/8" bolts with washers through the mount and rod ends. Keep hardware loose.
13. Torque the factory through bolts to 100 foot pounds.
14. Torque the front mounting bolt to lock in place the polyurethane bushing.
15. Setting pinion angle:
 - Load the car on its tires.
 - Place an angle finder on the driveshaft and record the angle. Please note the angle is negative if the driveshaft is angled downward toward the rear axle.
 - Place the angle finder on the torque arm axle mounting bracket and record the angle.
 - Add the two measurements and that is your pinion angle.
 - Turn adjuster until you reach your desired angle.
16. Once pinion angle is to your liking torque the 5/8" torque arm to axle mounting bolts to 220 foot pounds and tighten all jam nuts.

