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# INSTALLATION INSTRUCTIONS

## GM 400 STEERING ARM

- ❑ **PLEASE READ ALL INSTRUCTIONS FROM START TO FINISH BEFORE YOU BEGIN INSTALLATION.**

### STEERING ARM INSTALLATION

- 1) Raise front of truck off the ground and support it with stands placed under the housing. The stand should be placed clear of any movement of steering knuckles.
- 2) Remove both front tires.
- 3) Disconnect the tie rod at the steering arm by removing the cotter pin. Loosen the tie rod nut, then tap on the nut with a soft hammer to break the stud loose from the arm.
- 4) Remove the three self-locking nuts which hold the steering arm (some tapping may be necessary to loosen the taper wedge locks which hold the arm to the studs).
- 5) Once the arm is off, clean the mounting area of all dirt and grease. Mount the new Genuine Suspension Steering Arm.
- 6) Tighten the nuts to a torque of 90 ft./lbs.
- 7) Re-install the tie rod assembly. Tighten the tie rod nuts to 40 ft./lbs. of torque (some adjustment may be necessary to regain full lock-to-lock movement).
- 8) After adjustment is made, centering of the steering box may be done.

### CENTERING STEERING BOX

- 1) This procedure must be done with the truck sitting at ride height.
- 2) Set the front wheels so they are pointing straight ahead.
- 3) Turn the steering wheel all the way from left to right, counting the number of turns as you go.
- 4) Turn the wheel back 1.5 the number of turns to put you back to about center.
- 5) Adjust the tie rod link so the rod end fits into the steering arm easily. Tighten the nut and install the cotter pin.
- 6) Turn wheels right and left to make sure you have the full amount of travel.
- 7) Any necessary minor adjustments can be made at this time.
- 8) Make sure all hardware is tightened to proper specifications.
- 9) Be sure to inspect the assembly periodically for tightness.