

# Bump Steer Kit Installation Instructions

## Tools Required:

- Hydraulic jack and jack stands
- Standard and Metric socket and wrench set
- Mallet
- Cutoff Wheel
- Drill with 5/8" Drill Bit

## Installation:

1. Lift the front of the vehicle and safely support on jack stands. Remove both front wheels.



2. Mark a point on the inner tie rod and measure from that point to the centerline of the stud going through the spindle as shown in **IMAGE 1**



3. Loosen the nut on the outer tie rod end (**IMAGE 2**) and hammer to break the taper free from the spindle

4. Remove and discard the outer tie rod end.

5. Thread the new jam nut, tie rod adjuster, and rod end onto the inner tie rod. Be sure the inner tie rod and rod end are evenly threaded into the adjuster sleeve. **IMAGE 3**

**NOTE:** The inner tie rod will need to be trimmed to get the proper toe alignment. Use the measurement taken in **Step 2** and allow for adjustment of toe in as well as toe out. This may take a couple of tries. **Measure twice, cut once.**



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6. Drill the hole in the spindle to 5/8"
7. Insert the bolt into the top of the spindle with two (2) jam nuts on the bottom
8. Slide the rod end over the end of the bolt and install the lock nut onto the bottom.
9. Insert the tapered stud into the spindle and tighten the nut to **50 ft lbs**
10. Use a jack to mock up the lower control arm at ride height.
11. Adjust the bump steer adjuster up and down until you get the tie rod **parallel** with the lower control arm. **IMAGE 5**
12. Tighten the bottom nut to lock the tie rod in place.
13. Use the measurement taken in **step 2** to set the toe adjustment back to the previous setting.
14. Reinstall the wheels and lower the vehicle.

**NOTE: It is recommended to have the vehicle professionally aligned after installation**



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