



#### LEGEND

1. Tie Rod (x2)
2. Heim Spacer, Tapered (x2)
3. Heim Spacer (x2)
4. High Strength Bolts (x2)
5. Washers (x2)
6. Nylock Nuts (x2)

#### FROM THE TOOLBOX

- Wrenches
- Tap Measure
- Pliers
- Whiteout or Paint Marker
- Thread Locker

#### NEED ADDITIONAL HELP?

Check out our YouTube channel  
 Call us: (714) 799-6711  
 Monday - Friday: 8am-5pm  
 Email: sales@assaultind.com

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#### IMPORTANT

*Read instructions thoroughly prior to installation. Installation should be performed by a qualified professional.*

#### INSTALLATION

1. Prior to installation, raise the vehicle until tension removed from the suspension and secure on stands.
2. Remove the wheels.
3. Using a tape measure, take a measurement of the OEM tie rods from bolt hole center point at the steering rack to bolt hole center point at the wheel spindle. Measure both sides and not the measurement. This measurement will be used to roughly set up the new tie rods.
4. Loosen the nuts holding the inner and outer heim joints. Just break the inner joint free, leave it in place to serve as a stopping point for re-installation of the new rod.
5. Remove the outer rod end from the hub first, then un-thread the rod from the inner heim.
6. Install the new Assault Industries tie rods stopping at the loosened inner jam nut.
7. Attach the outer joint to the wheel hub. Measure and adjust to get the toe angle as close to OEM specifications as possible. If necessary, have alignment completed by a professional.
8. Once completed tighten jam nuts, reinstall wheels and lower vehicle.

#### ALIGNMENT

**NOTE:** All measurements and adjustments must be made with the vehicle unloaded.

**CAUTION:** Always use a wrench to hold the tie rod ends when loosening or tightening the jam nuts or damage to the boots could occur.

1. Mark the center-line of the front tires at the front and rear of the tire; then using a tape measure, measure and record the distance between the marks at the front and rear.
2. Center the steering wheel; then using an open-ended wrench on the tie rod flat, loosen the inner and outer jam nuts on both tie rods.
3. Turn the left-side and right-side tie rods in equal increments to achieve the proper toe-out; then tighten the jam nuts to OEM specifications.



# ASSAULT

INDUSTRIES

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