

DOBINSON'S SPRING & SUSPENSION

Torsion Bar Fitting Instructions

Raise the front end of the vehicle with a floor jack until the wheels come off the ground. Place jack stands under the chassis frame and lower the jack.

Remove the torsion bar cover plate bolts and cover plate.

NOTE: Before relieving the torsion bar tension, measure and record the measurement of the torsion bar adjustment bolt. This measurement will be used as the preset depth for the new torsion bar adjustment bolt during installation.

Make preliminary adjustment references.

Measure and record the length where indicated.

Relieve the torsion bar tension.

Position the Torsion Bar Tool and adapters.

Tighten the Torsion Bar Tool until the torsion bar adjuster lifts off the adjustment bolt.

CAUTION: The torsion bar adjustment bolt may be coated with dry adhesive and must be replaced if it is backed off or removed. Failure to do so can cause the adjustment bolt to loosen during operation and cause a loss of vehicle alignment.

Remove the torsion bar adjustment bolt and nut.

Loosen the Torsion Bar Tool until the tension is removed from the torsion bar.

Remove the torsion bar.

Mark the torsion bar and the adjuster for proper installation.

Remove the torsion bar insulator.

Grasp the torsion bar and pull it free from the front suspension lower arm.

Installation

Position the torsion bar and the torsion bar adjuster.

Install the torsion bar adjuster.

Align the marks on the torsion bar and the torsion bar adjuster, then install the torsion bar adjuster.

Position the torsion bar insulator.

Preload the torsion bar.

Install the Torsion Bar Tool and the adapters.

Tighten the Torsion Bar Tool until the new adjustment bolt and nut can be installed.

Turn the adjustment bolt until the preliminary adjustment measurement (recorded length of the old adjustment bolt) is reached.

Remove the tool.

Install the torsion bar cover plate.

Position the torsion bar cover plate.

Install the torsion bar cover plate bolts.

