
1994-2013 COIL SPRINGS



- All THUREN coils must be installed with the logo facing up as the coils are tapered.
- Make sure the factory isolator is between the top of the coil and coil bucket; if a spacer is being removed this isolator may be missing and needs to be replaced, Mopar part number 52037719AC. Also ensure the stud ring, Mopar 52038105, and nuts, Mopar 6502696, are there if a spacer was removed.
- Depending on truck year and coils being installed, disconnecting the sway bar end links and track bar may be necessary to allow the axle enough down travel to install the new coils. We recommend loosening all control arm bolts and re-torque at new ride height so bushings are in a neutral position.
- Our coils have more travel than stock and must be used with longer shocks. Extended shock length should be roughly 28", please contact us if you need more information on shock lengths.
- The coil pocket on the axle has a small drain hole, make sure the end of the coil is not covering this hole and blocking water flow.
- While the coil is out and you are installing new shocks we recommend test fitting the shock in the lower mount, some shocks have slightly wider or narrower mounts and the lower mount may need to be opened up a little for new shocks, this is much easier to do with the coil out of the truck.

Common specs

ALIGNMENT:

0.00-0.05 Total toe in & 3.7-4.5 deg caster. Please see Tech section of website for more information.

Radius arm trucks: Less than .5deg of cross caster; upper and lower axle mounting bolts must be loose when performing adjustment.

GREASE for all Thuren products: Thin synthetic grease such as Amsoil or Lucas.

TORQUE VALUES:

Lug nuts: 140 ft/lbs

14mm track bar bolts: 150 ft/lbs

16mm and 18mm track bar bolts: 215 ft/lbs

Heim joint jamb nut: 175 ft/lb minimum

Shock mounting bolts (Eyelet mounts): 100 ft/lbs

Shock mounting nuts (Stem top): Turn nut until washer is snug then tighten 2 full rotations.

Shock tower nuts: 55 ft/lbs

Factory tie rod ends: 40 ft/lbs then additional 90 deg.

Factory sway bar end link: 100 ft / lbs.

Factory sway bar end link with stem mount through sway bar if equipped: Turn nut until washer is snug then tighten 2 full rotations

Sway bar frame mounts: 45 ft/lbs

Upper control arm bolts 03-13: 150 ft/lbs

Lower control arms 03-09: 215 ft/lbs

Lower control arm bolt on axle end of 2010+ trucks: 225 ft/lbs, frame end still 215 ft/lbs.

Leaf spring mounting bolts: 180 ft/lbs

Shackle mounting bolts: 180 ft/lbs

Factory U-bolt nuts: 110 ft/lbs