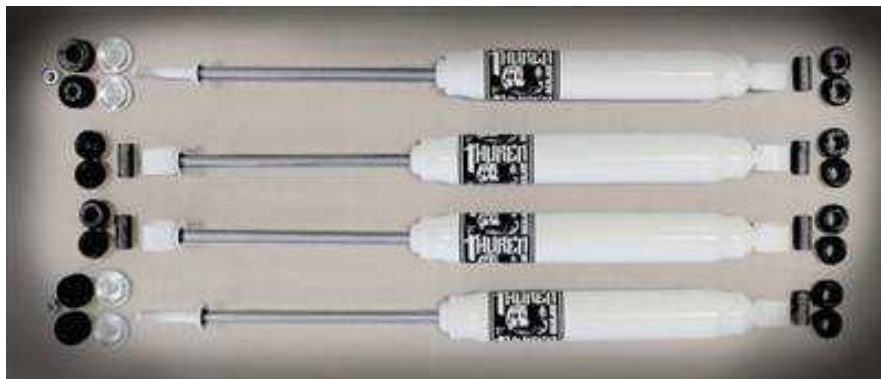


OVERLAND SHOCKS



- Thuren Overland shocks install just like a stock replacement with no modifications required.
- Each eyelet will have two bushings, insert one on each side of the eyelet then place the metal sleeve inside of the bushings. On 2014+ Radius arm trucks the front shocks come with the bushings installed.
- Stem top shocks come with 2 washers, 2 bushings and a nut. Install a washer with the concave facing up towards the threads then install a bushing with the taller larger diameter lip facing up, install shock through the shock tower or rear frame on trucks equipped with rear 4 link suspension, then install the next bushing with the taller larger lip facing down towards the shock, place the last washer on top of the bushing with the concave facing the bushing, install the nut, turn nut until the washer is snug then tighten two turns. Picture below shows how washers and bushings should be placed on stem top shocks.



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 then .5deg of cross caster , upper and lower axle mounting bolts must be loose when performing adjustment.

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