



IS-72

ADS Installation Instructions for:

PART NUMBER	VEHICLE
100ADS-10116	2007-2021 Toyota Tundra, 0-2" LIFT, Front

Support vehicle from frame rail with properly rated jack stands allowing suspension to hang freely.

Remove wheels from front axle.

Remove the outer tie rod connection to allow steering knuckle to rotate freely.

Disconnect lower strut mounting hardware and sway bar end link to allow suspension to relax downward.

Disconnect upper control arm outer ball joint. Pivot control arm upwards.

Support lower control arm and spindle.

IMPORTANT: Ensure lower axle inner CV joint does not slide out when supported

Remove upper strut mounting hardware. Slide out factory strut assembly as one unit.

Locate correct side ADS Coil over assembly.

Drivers side adjustment collar will have more threads showing than passenger side

Install strut into factory mount with provided hardware.

Torque all studs to 25ft-lbs. Nut hex size is 9/16".

Install factory lower strut hardware and torque to factory specifications.

Reinstall upper ball joint and lower strut hardware using factory torque specifications.

Reinstall steering tie rod connection and torque to factory specifications.

Reinstall sway bar end links and torque to factory specifications.

Reinstall wheels and tires torquing lug nuts to factory specifications.

Hardware torque chart.

Diameter Decimal	Diameter Nominal/ Fractional	Torque Rating
.375"	3/8"	25 LB/FT
.4375"	7/16"	52 LB/FT
.3149"	8MM TJ, JK, T- Bar hardware	15 LB/FT
.472"	12MM STEM TOP	45 LB/FT
.472"	12MM OEM hardware	75 LB/FT
.500"	1/2" Cross bolt 12 point	65 LB/FT
.551"	14MM STEM TOP	45 LB/FT
.551"	14MM OEM hardware	85 LB/FT

Your ADS Mesa coil-overs are factory charged with nitrogen to **150 psi**. Do not alter this pressure or internal damage will occur.

Alignment

A professional alignment is highly recommended to be performed before driving this vehicle at highway speeds.

Max preload is measured by the length of exposed threads between the spring nut and the top cap. Adjusting past the specs listed below could result in damaging the spring at full compression.

PART NUMBER	MAX THREADS SHOWING
100ADS-10116	.432 MAX

If additional lift height is needed, please contact ADS for technical support.

520-748-0005 or at techsupport@adsshocks.com