IS-60 GM 1500 Front Applications (Mesa)

ADS Installation Instructions for:

PART NUMBER	VEHICLE
100ADS-10080	2007-'18 GM 1500, 0.0 - 2.0 LIFT, FRONT
100ADS-10083	2019+ GM 1500, 0.0 - 2.0 LIFT, FRONT
100ADS-10281	2019+ GM 1500, 2 – 3 LIFT, FRONT
100ADS-10282	2019+ GM 1500, 6 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 factory strut assembly out as one unit.

Install strut into factory mount with provided hardware. Torque all studs to 25ft-lbs. Nut hex size is 9/16”.

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

Reinstall steering tie rod connection. Torque to factory specifications.

Reinstall wheels. Torque lug nuts to factory specifications.

Lower the vehicle onto ground roll vehicle back and forth about 50 feet while truing right to left slightly to allow vehicle to settle. Inspect ride height. If adjustment is needed a 2:1 adjustment ratio is used. For example, if you need to lift or lower the vehicle 1" the adjustment collar should be moved .500" up or down to reach desired lift height.

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

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-10080	**.562 MAX**
100ADS-10083	**2.0 MAX**

It is not recommended to adjust the collar more than the max height listed above. If additional lift height is needed, please contact ADS for technical support. 520-748-0005 or at techsupport@adsshocks.com

Bolt 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