



# IS-56 Mesa Series Jeep Applications

## ADS Installation Instructions for:

PART NUMBER	VEHICLE
100ADS-10098	1997-'06 WRANGLER 'TJ', 0.0 - 3.0 LIFT, FRONT
100ADS-10099	1997-'06 WRANGLER 'TJ', 0.0 - 3.0 LIFT, REAR
100ADS-10102	2007-'18 WRANGLER 'JK', 0.0 - 2.5 LIFT, FRONT
100ADS-10103	2007-'18 WRANGLER 'JK', 0.0 - 2.5 LIFT, REAR
100ADS-10110	2007-'18 WRANGLER 'JK', 4.0 - 6.0 LIFT, FRONT
100ADS-10111	2007-'18 WRANGLER 'JK', 4.0 - 6.0 LIFT, REAR
100ADS-10100	2019-'24 WRANGLER 'JL', 2.0 - 3.0 LIFT, FRONT
100ADS-10101	2019-'24 WRANGLER 'JL', 2.0 - 3.0 LIFT, REAR
100ADS-10109	2020-'24 GLADIATOR 'JT', 2.0 - 3.0 LIFT, REAR

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

To gain added access, remove wheels and tires from axle.

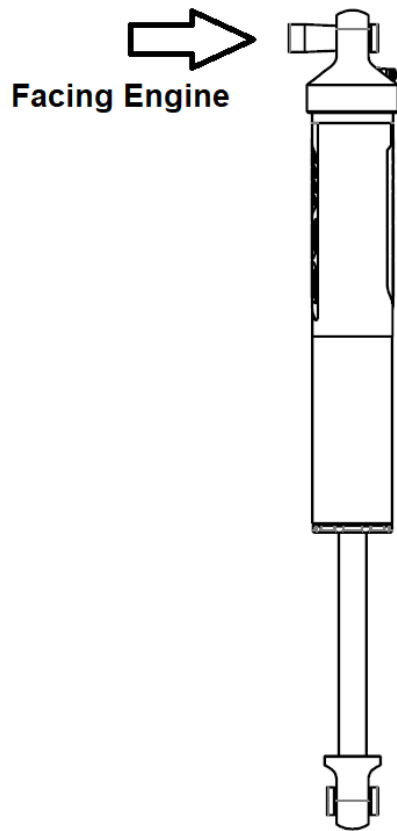
Support axle with adjustable jack stands to prevent over extension of break lines and wiring.

Remove factory dampers and keep hardware. (upper stem style hardware is not reused)

Ensure nitrogen fill valve is oriented away from obstructions and does not contact mounts or chassis components.

Note: lowering the axle can aid in bolt alignment and reduce the need to compress the dampers.

Note: (Jeep JL/ JT front applications) Long upper spacer faces towards the engine.



Torque all fasteners according to the following chart as needed.

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

Reinstall wheels and tires torquing lug nuts to factory specifications.

Your ADS MESA series dampers come pre-charged with nitrogen at 150PSI, do not alter this pressure or internal damage will occur.

**Please contact ADS for technical support.**

**520-748-0005 or at [techsupport@adsshocks.com](mailto:techsupport@adsshocks.com)**