



IS-10

ADS Installation Instructions for: 2021-2023 Bronco, Front Shocks (Coil-Over)

250-BR0F2-A00

250-BR0F4-A00

100ADS-10122

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

Remove wheels and tires from front axle.

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

Disconnect lower strut mounting hardware and remove lower control arm chassis side pivot bolts **(Take note of alignment cam position as it should be returned to these settings, before driving a final alignment will be needed after installation is completed)**

Support arm and spindle upward with strap or another device.

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

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

Locate correct side ADS Coil over assembly.

Hose and fitting faces towards the front of the vehicle.

Install strut into factory mount with provided hardware.

Torque to **25 ft-lbs**, nut hex size is 9/16".

Re-install lower control arm to factory torque specifications. New ADS provided lower hardware to be torqued to 50ft-lbs.

Reinstall steering tie rod connection and torque to factory specifications.

Route hoses along frame towards front bumper crash bar

Install reservoir brackets onto front crash bar, provided carriage bolts line up with factory bolt holes and hardware is torqued to 25ft-lbs.

Loosely install reservoirs onto brackets with provided screw clamps sticker will face the front of the vehicle.

About halfway up the hose, install supplied P-clamp with blind nut assembly into factory chassis hole manipulate hose if needed to allow it to lay flat, free of kinks or pinch points. Tighten screw clamps once final position is set.

Reinstall wheels and tires torquing lug nuts to factory specifications.

Clicker/ Compression Adjuster Reservoir Details:

- There are 20 positions of adjustment.
- “Righty-tighty lefty-loosie”, the further clockwise the red knob is turned the ‘firmer’ the shock becomes; likewise counterclockwise ‘softens’ the shock.
- The adjusters are sent out in the full soft position from the factory.
- If the knob becomes difficult to turn the dust seal may have become dry. A small spray of oil or lubricant behind the red knob will lubricate this seal and allow for easier adjustment.

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 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.

Reservoirs are factory charged with nitrogen to **150 psi**.

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



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.

250-BR0F2-A00 Max preload = 1.394 inches

250-BR0F4-A00 Max preload = .604 inches