



2.5" LEVELING KIT

(2020-2023+ GLADIATOR JT)

INSTALLATION INSTRUCTIONS

CONTENTS

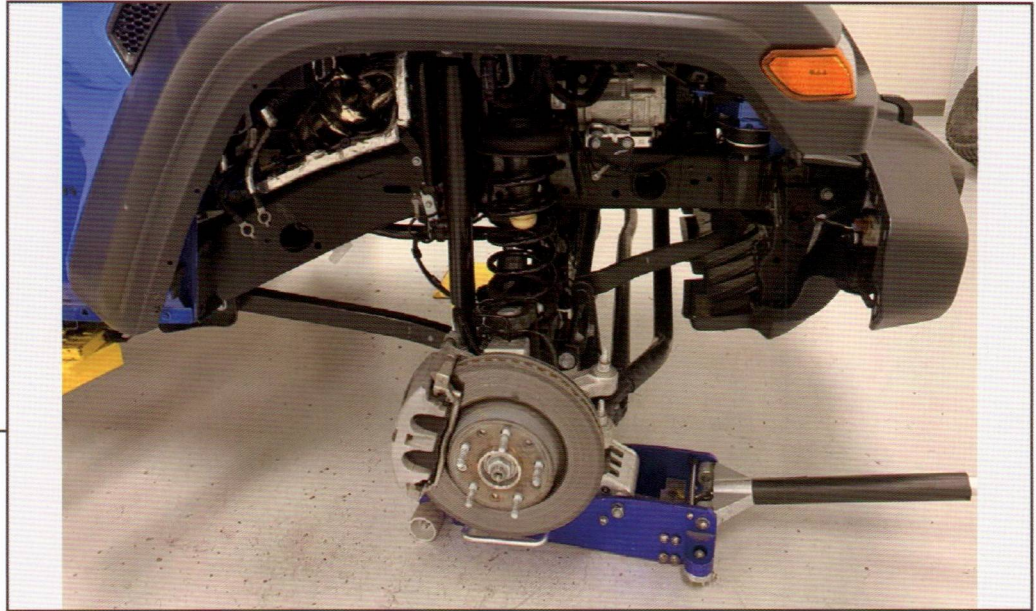
- (2) Front Springs
- (2) Front Shock Absorbers
- (2) Front Sway Bar Links
- (2) Rear Shock Absorbers
- (2) Bump Stop Extensions
- (4) M12x1.75 x 65mm Bolts
- (4) M12 Flat Washers
- (4) M12 Locking Flange Nuts
- (2) M10x1.50 x 60mm Tapered Bolts
- (2) M10 Flange Nuts

TOOLS REQUIRED

- 10mm, 14mm, 15mm, 18mm, 21mm Sockets/Wrenches
- Ratchet
- Torque Wrench
- Pry Bar
- Spray Lubricant
- Floor Jack
- Jack Stands

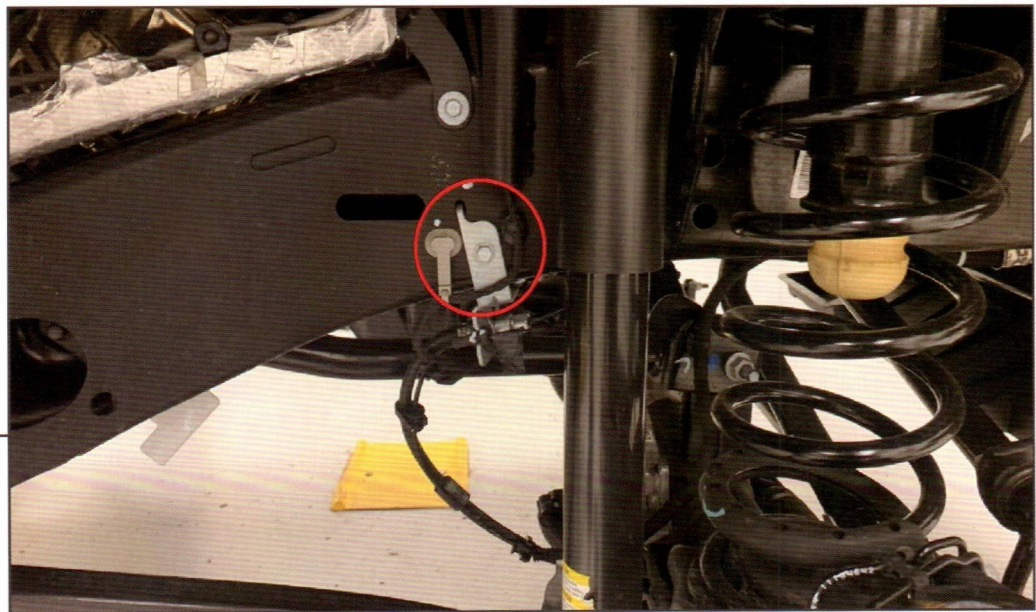
SKU# JG55396

STEP 1
[FRONT]



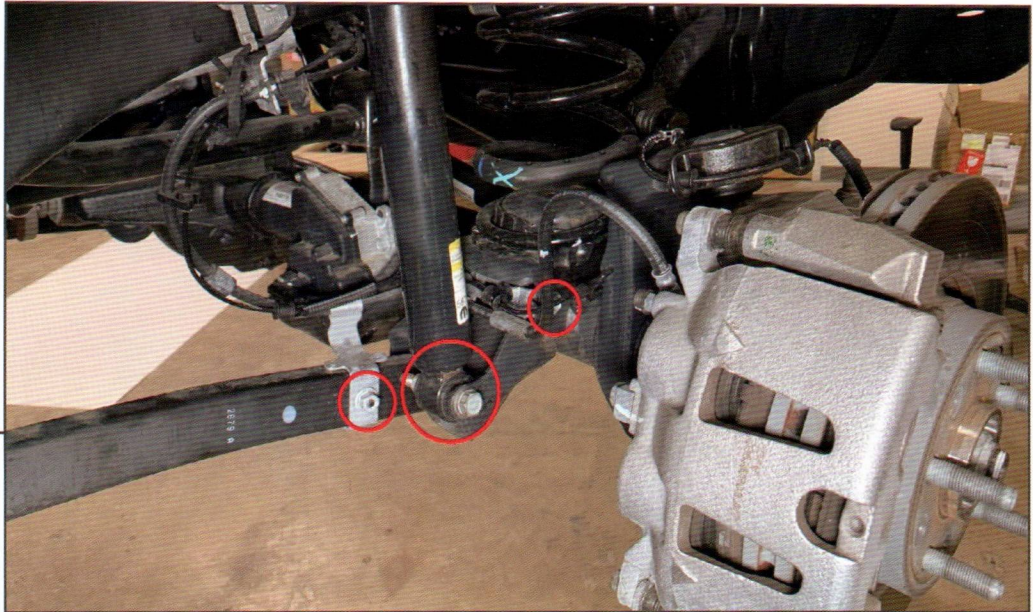
Lift and support the front of the vehicle using a jack and jack stands. Remove the front wheels from the vehicle. Place the floor jack under the lower control arm mount on the axle to relieve suspension tension.

STEP 2



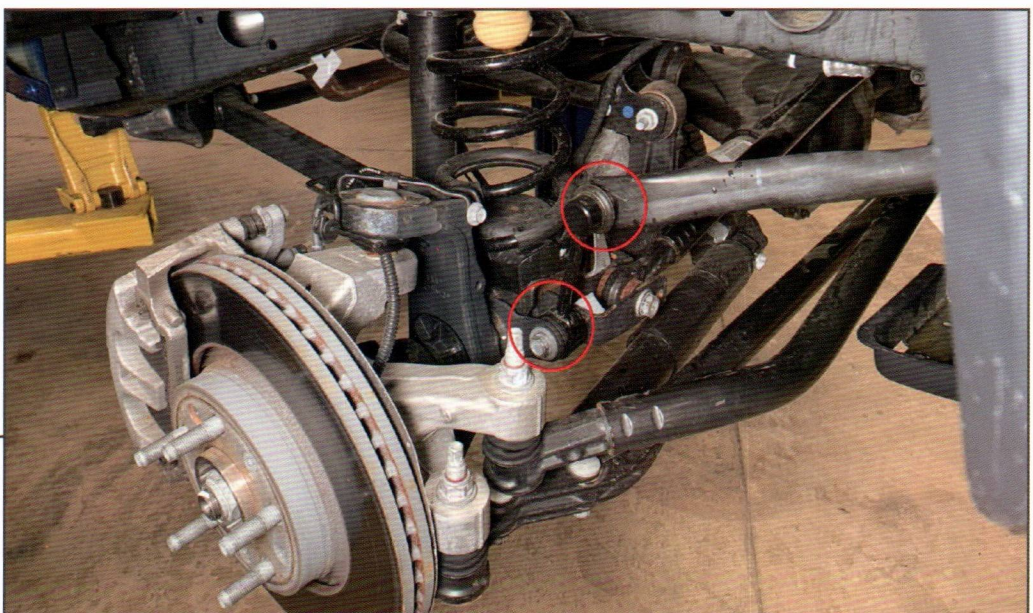
Remove (1) 10mm bolt from the brake line mounting bracket. Allow bracket to hang away from the vehicle frame.

STEP 3



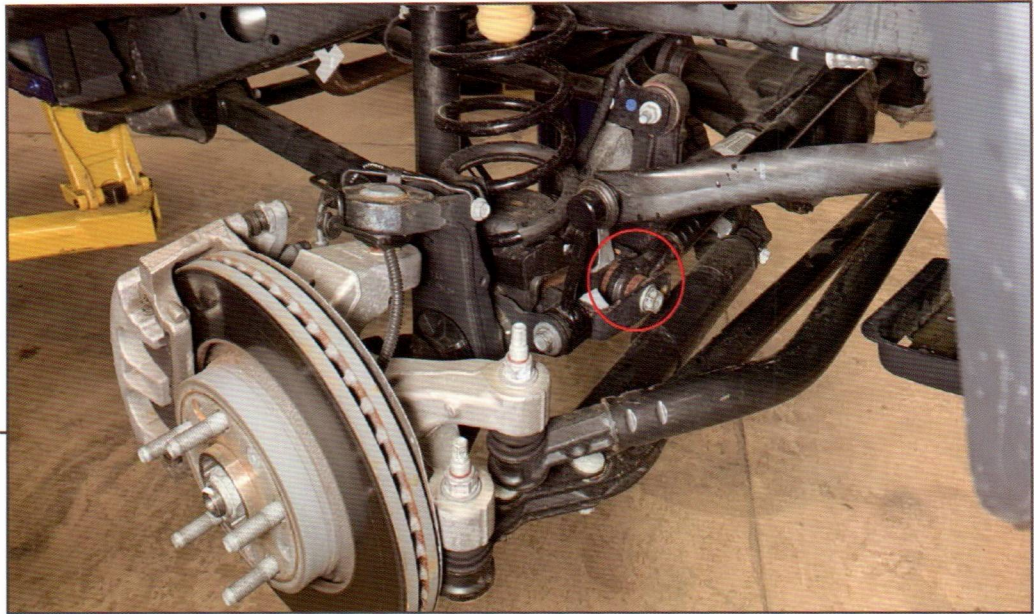
Remove the 18mm lower shock mounting bolt from the axle. Remove (1) 10mm bolt from the brake line bracket under the spring perch. Remove (1) 15mm nut from the brake line bracket attached to the lower control arm.

STEP 4



Remove (1) 18mm nut securing the sway bar link to the sway bar. Then, remove the 18mm bolt securing the sway bar link to the axle.

STEP 5



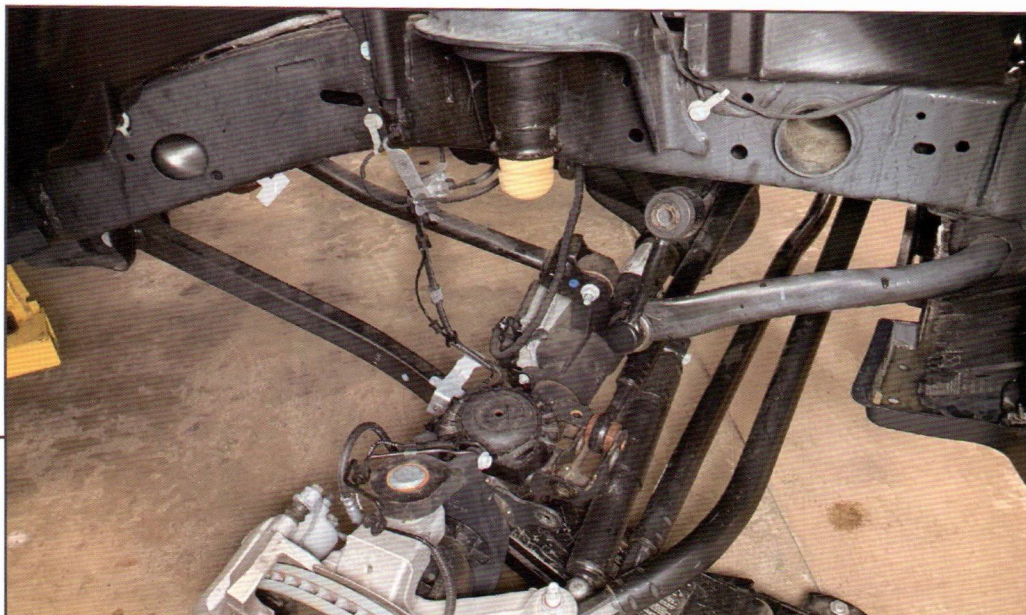
Remove the 21mm bolt securing the track bar to the axle.

STEP 6



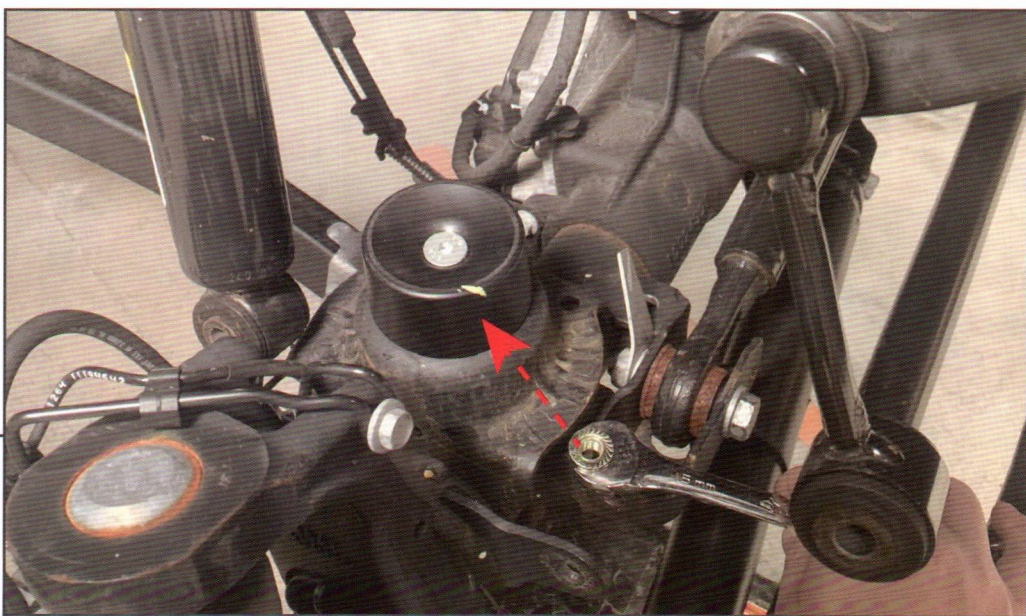
Remove (1) 18mm bolt from the top of the shock absorber. Remove the shock absorber from the vehicle.

STEP 7



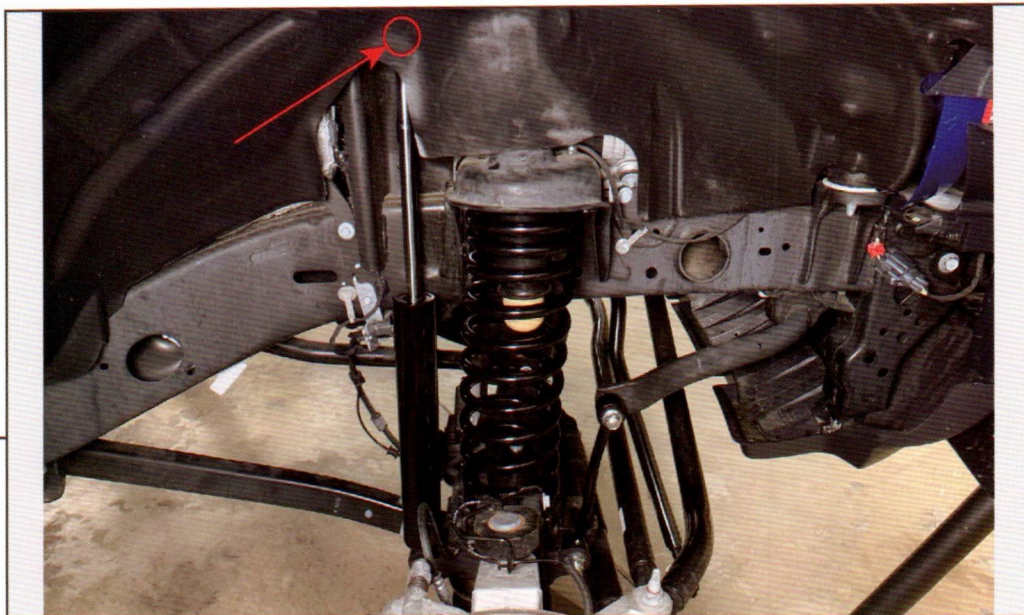
Lower the floor jack to relieve tension from the coil spring. Once the spring is relieved of all tension, lift and remove the spring from the vehicle.

STEP 8



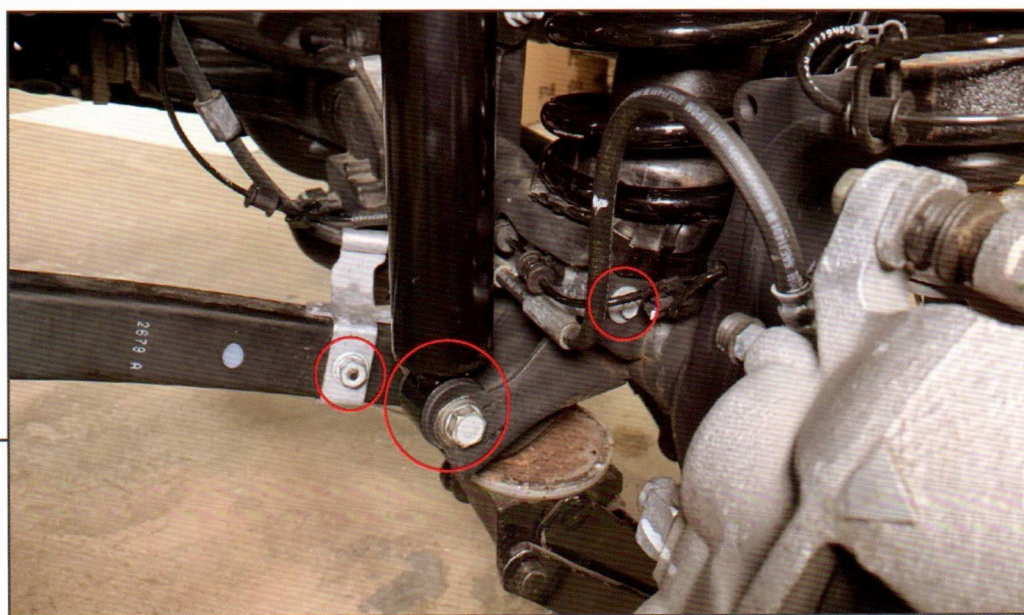
Locate the pre-drilled hole in the axle spring perch. Secure the (1) bump stop extension to the vehicle axle using (1) M10 x 60mm Tapered bolt and (1) M10 flange nut. Tighten until secure.

Note: To allow for additional room during coil spring installation, fit the bump stop extension inside the coil spring using a zip tie. Then, with the coil spring is installed, cut the zip tie and secure the bump stop extension to the axle.

STEP 9

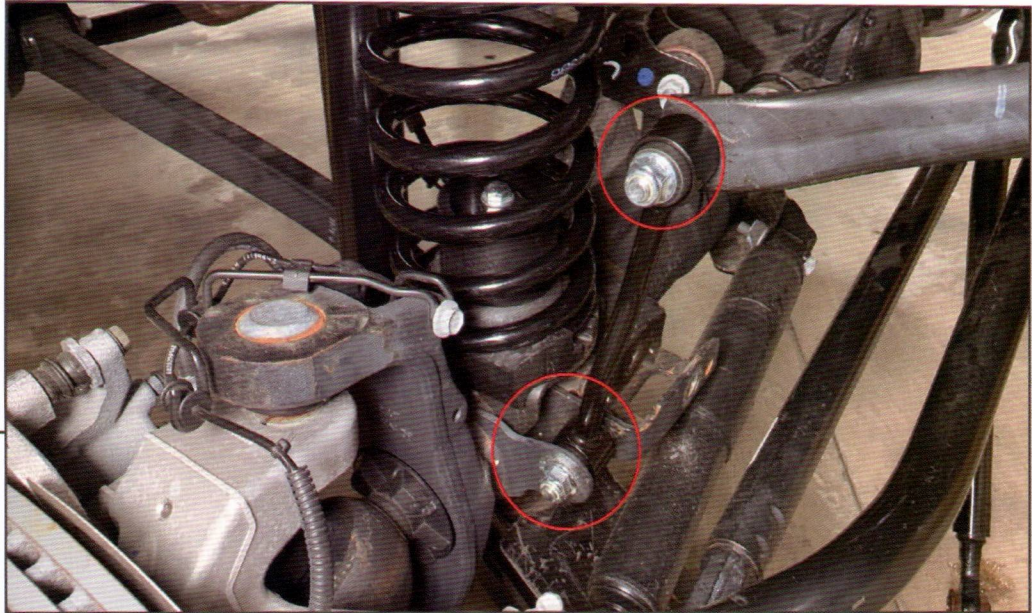
Ensure the coil spring rubber isolators are still installed to the vehicle frame and axle. Then, fit the coil spring into the vehicle, ensuring the spring is properly turned to fit into the lower isolator groove.

Fit the new shock absorber into the vehicle frame using the original (1) 18mm bolt.

STEP 10

Install the new front shock absorber into the axle using the original (1) 18mm bolt. Install the brake line bracket under the spring perch into place using the original (1) 10mm bolt. Install the brake line bracket attached to the lower control arm using the original (1) 15mm nut.

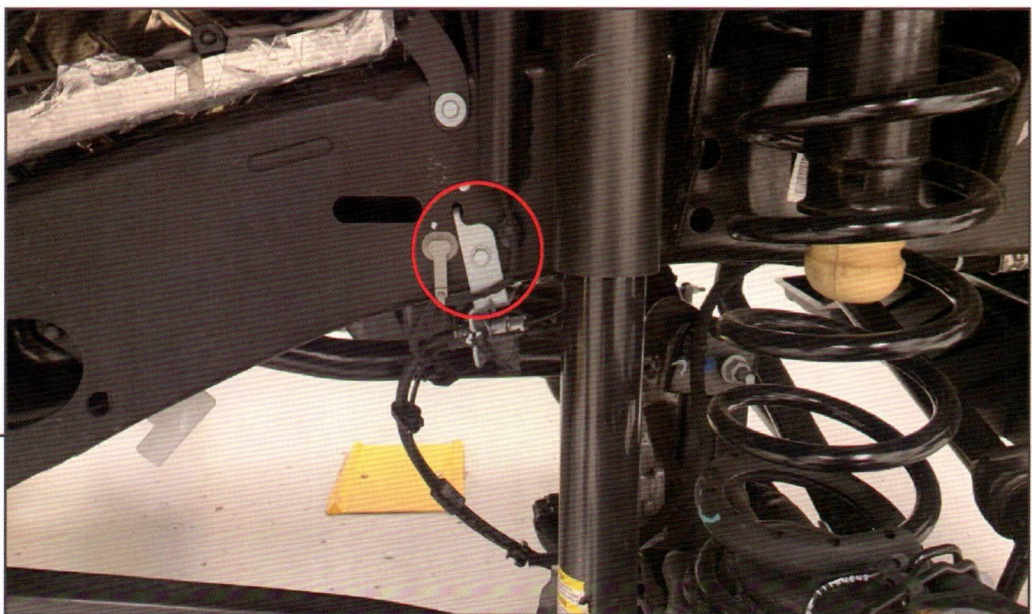
STEP 11



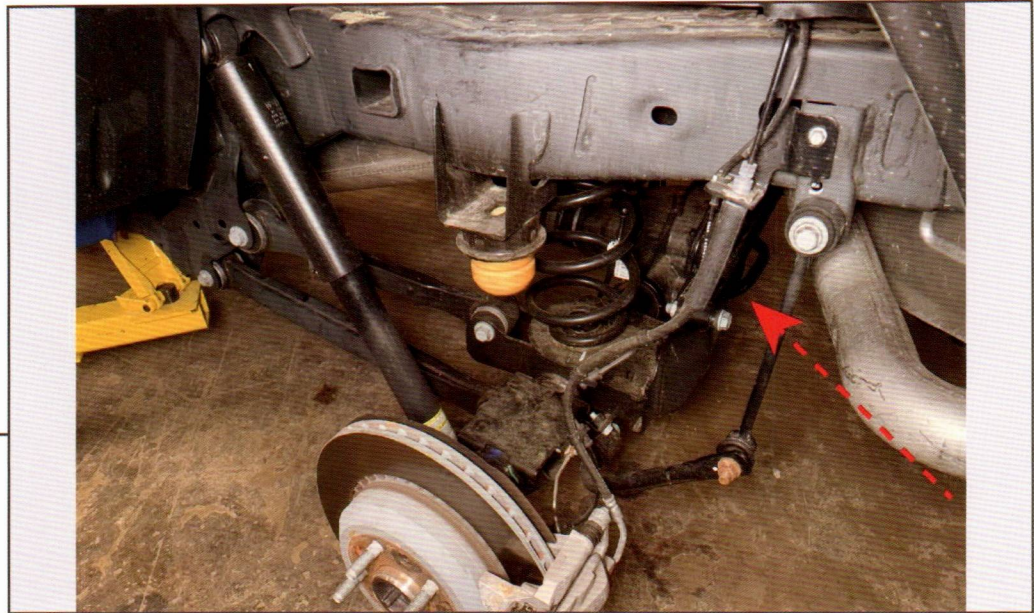
Secure the (1) front sway bar link to the vehicle sway bar and axle using (2) M12x1.75 x 65mm bolts, (2) M12 flat washers, and (2) M12 locking flange nuts.

Note: Ensure the head of the bolts are facing the vehicle frame to prevent interference during suspension travel.

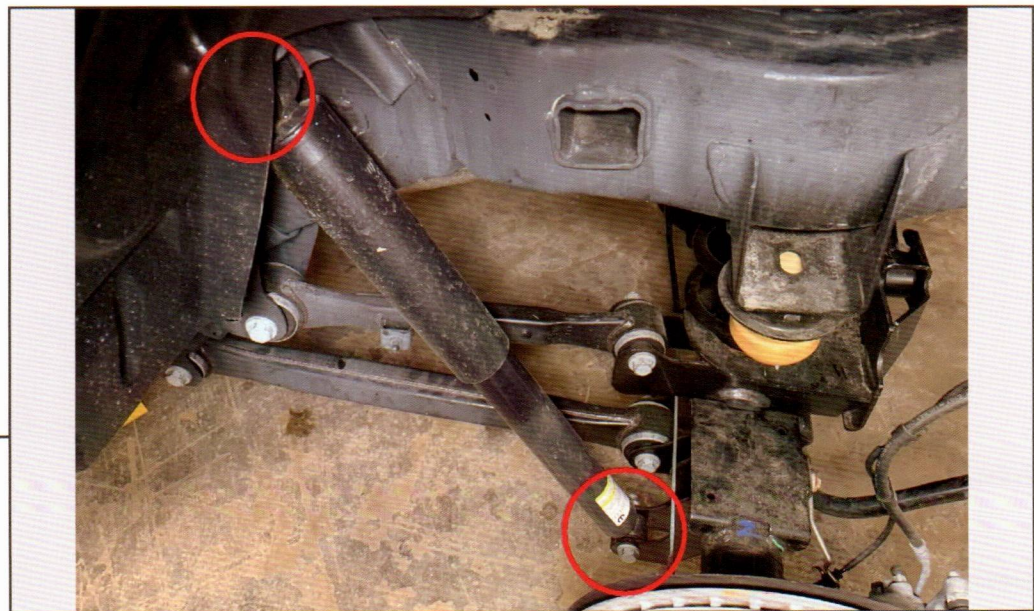
STEP 12



Secure the brake line bracket to the vehicle frame using the original (1) 10mm bolt.

STEP 13
[REAR]

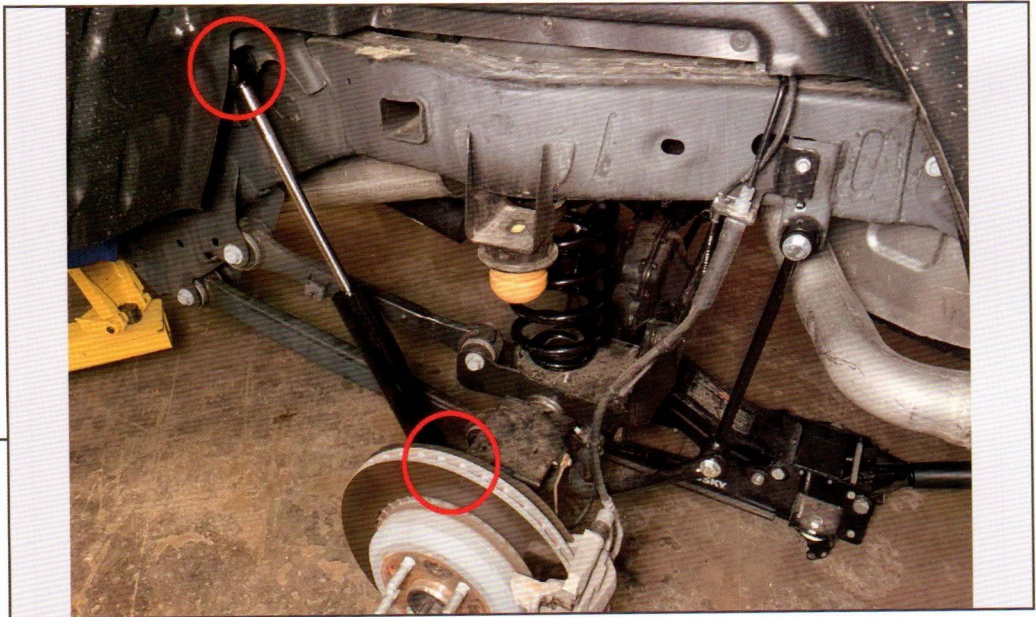
Lift and support the rear of the vehicle using a jack and jack stands. Remove the rear wheels from the vehicle. Place the floor jack under the differential to relieve suspension tension.

STEP 14

Remove (2) 21mm nuts & bolts to remove the rear shock absorber from the vehicle.

Repeat this step for the opposite side of the vehicle.

STEP 15



Install the new rear shock absorber to the vehicle using the original (2) 21mm bolts & nuts.

Repeat this step for the opposite side of the vehicle.

STEP 16



See the following page for torque specifications.

Installation is now complete.

Torque Specifications and Installation Notes

Upper & Lower Front Sway Bar Link Bolt: 70 ft. lbs.

Front Upper Shock Absorber Bolt: 103 ft. lbs.

Front Lower Shock Absorber Bolt: 77 ft. lbs.

Front Track Bar Bolt (AXLE): 52 Plus 155° ft. lbs.

Rear Upper Shock Absorber Bolt: 89 ft. lbs.

Rear Lower Shock Absorber Bolt: 89 ft. lbs.

Prior to Driving

- Double check all bolts are tightened.
- Professional Steering Alignment.
- Headlight Adjustment.
- Ensure brake line slack when sway bars are disconnected.
- Ensure OE front driveshaft clearance with sway bars disconnected.

Maintenance

- First 200 miles, re-torque all fasteners.
- Every 3000 miles, re-torque all fasteners & visually inspect suspension bushings for premature wear.

Special Consideration:

With any change to the factory suspension geometry there will be increased wear and tear, things such as suspension bushings etc. Ensure vehicle safety by frequently inspecting wear and tear components.