



3.5" LIFT KIT

(2020-2023+ GLADIATOR JT)

INSTALLATION INSTRUCTIONS

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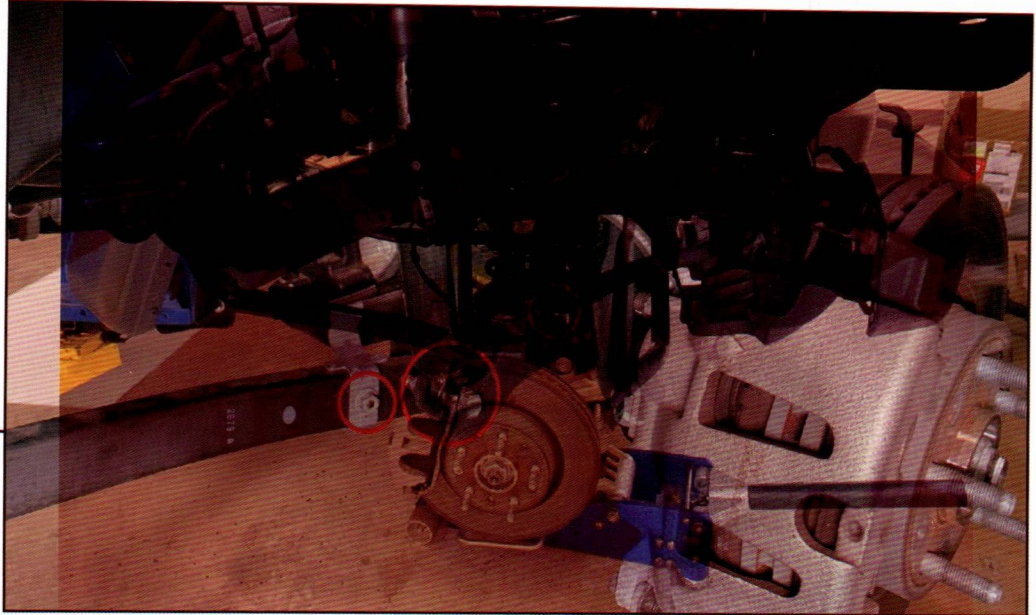
- (2) Front Springs
- (2) Front Shock Absorbers
- (2) Front Sway Bar Links
- (2) Rear Springs
- (2) Rear Shock Absorbers
- (2) Rear Sway Bar Links
- (1) Adjustable Track Bar
- (1) Track Bar Tie Rod End
- (2) Bump Stop Extensions
- (2) M12x1.50 x 60mm Bolts
- (6) M12x1.75 x 65mm Bolts
- (8) M12 Flat Washers
- (6) 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

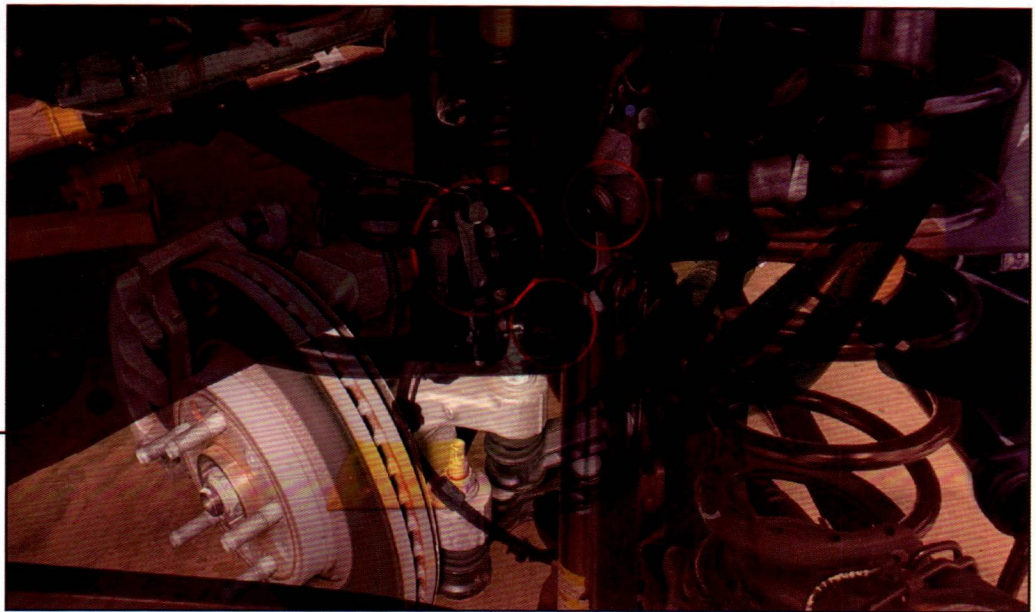
SKU # JG55398

STEP 3
[FRONT]

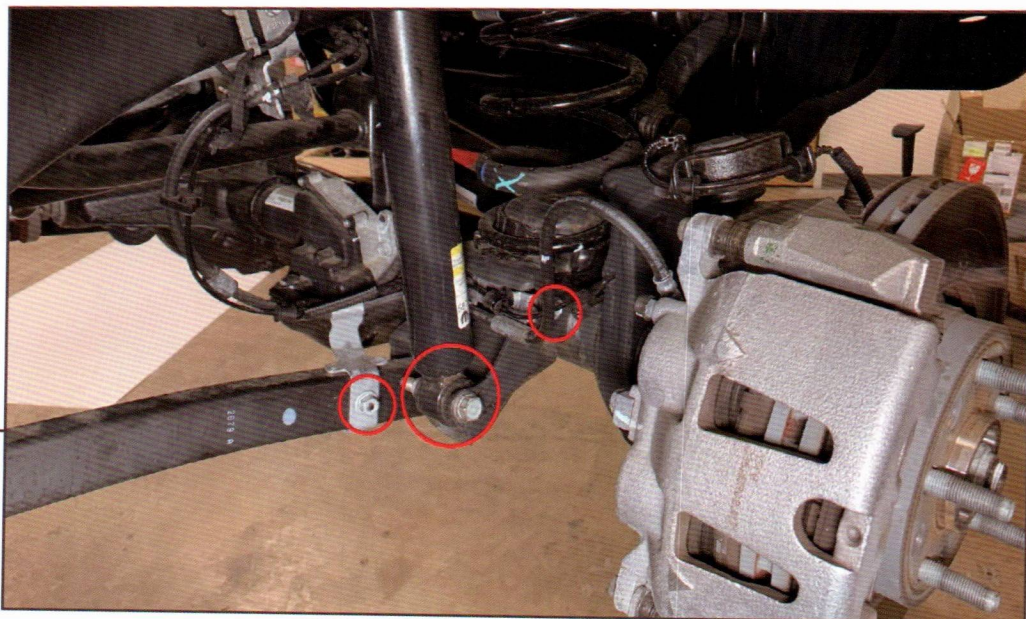


Remove (1) 18mm bolt from the front shock mounting link from the axle. Remove (1) 10mm bolt from wheels from the hub knuckle. Place the spring perch. Remove (1) control arm from the brake air line bracket attached to the lower control arm.

STEP 2

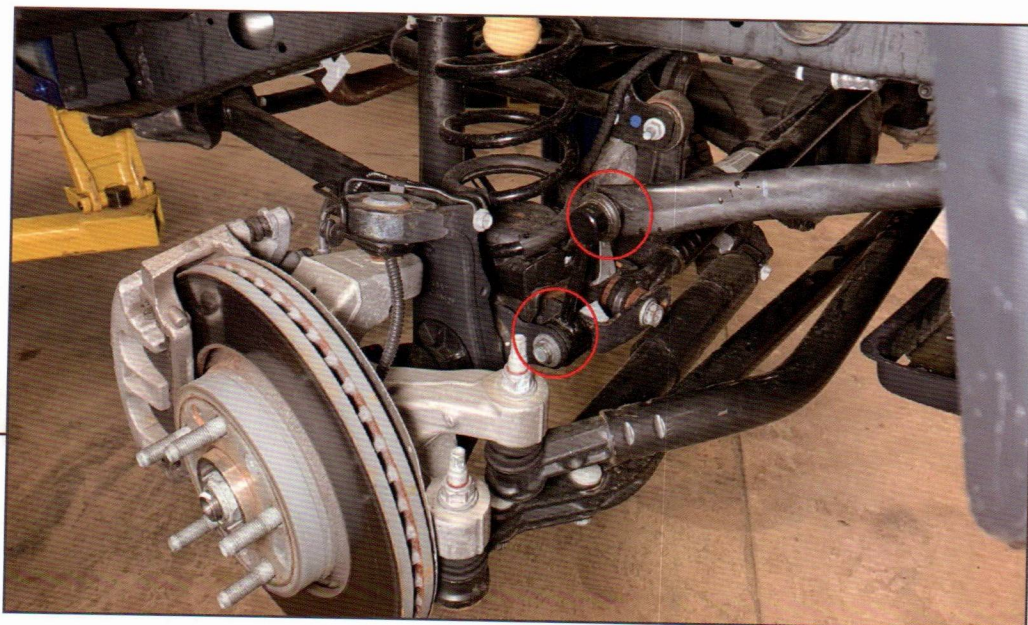


Remove (1) 18mm bolt securing the sway bar link to the axle. Also, remove the 18mm bolt the vehicle's sway bar link to the axle.



STEP 3

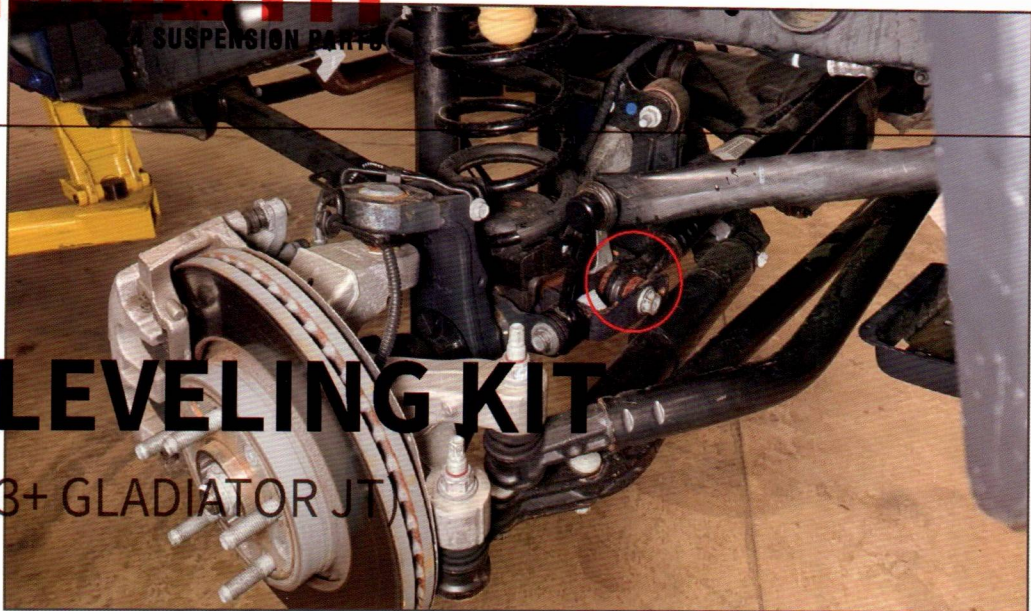
Remove the 18mm lower shock mounting bolt from the axle. Remove (1) 10mm bolt from the brake line bracket under the spring perch. Remove (1) 15mm nut from the brake line bracket attached to the lower control arm.



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.

MAMMOTH



2.5" LEVELING KIT

STEP 5
(2020-2023+ GLADIATOR JT)

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

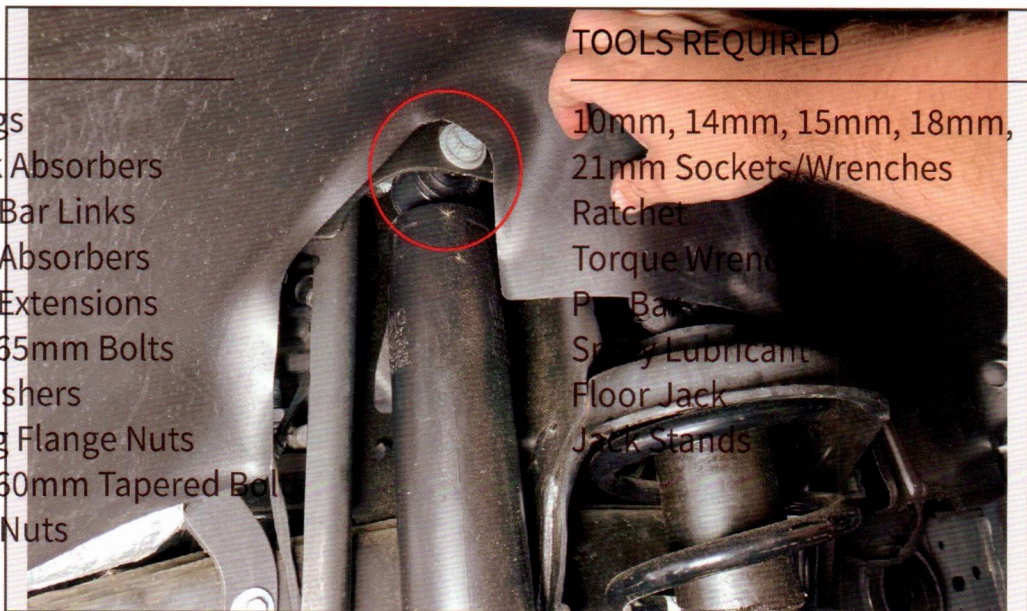
INSTALLATION INSTRUCTIONS

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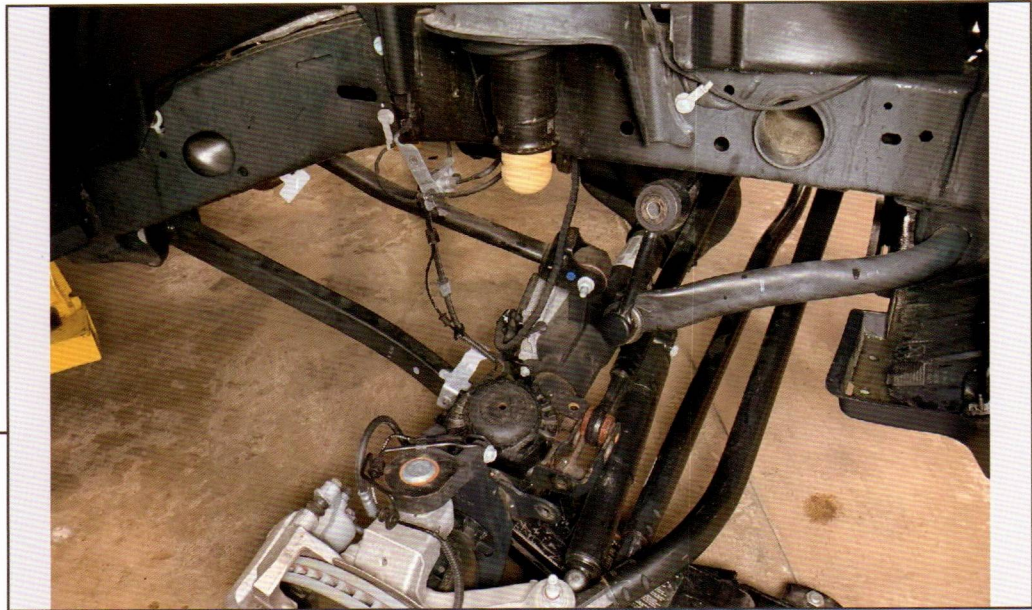
- (2) Front Springs
- (2) Front Shock Absorbers
- (2) Front Sway Bar Links
- (2) Rear Shock Absorbers
- (2) Bump Stop Extensions
- (4) M12x1.75 x 65mm Bolts
- (4) M12 Flat Washers
- (4) M12 Locking Flange Nuts
- (2) M10x1.50 x 60mm Tapered Bolt
- (2) M10 Flange Nuts

TOOLS REQUIRED

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

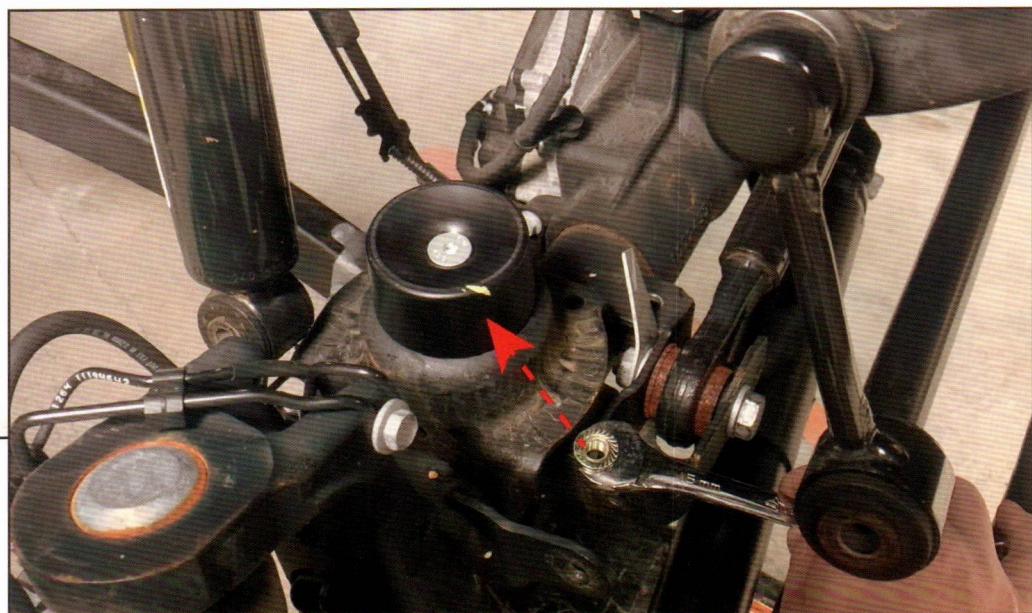


Remove (1) 18mm bolt from the top of the shock absorber. Remove the shock absorber from the vehicle.



STEP 7

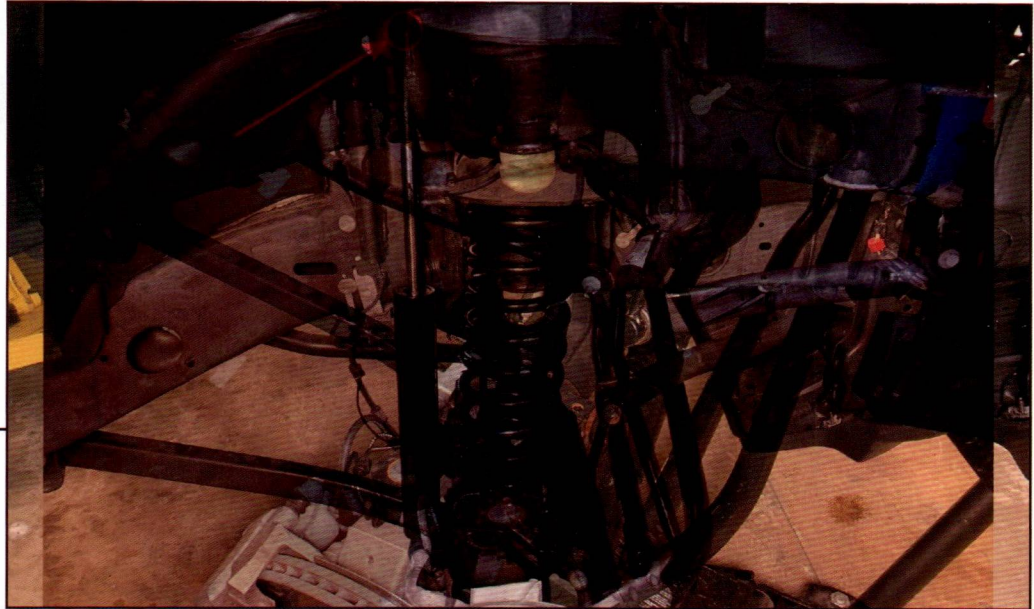
Lower the floor jack to relieve tension from the coil spring. Once the spring is relieved of all tension, lift and remove the spring from the vehicle.



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

Lower the coil spring to the vehicle frame until it is properly seated. Once the spring is seated, fit the shock absorber into the vehicle frame using the original (1) 18mm bolt.

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

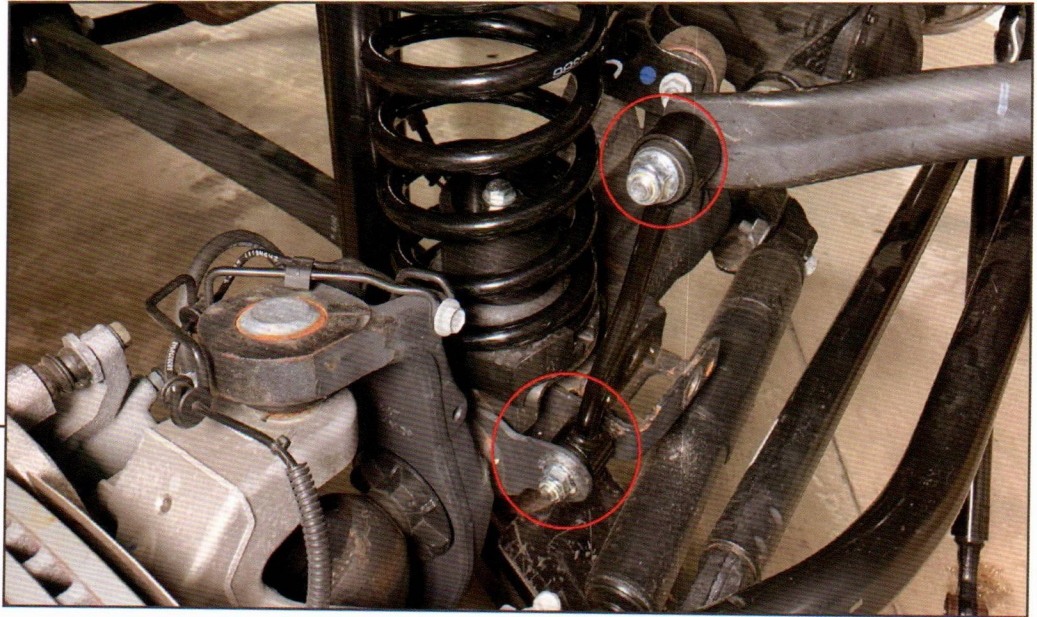


STEP 80

Install the pre-drilled hole in the axle for the parking brake. Secure the original (1) bump stop extension to the vehicle frame using (1) M10 x 160mm tapered bolt and (1) M10 flange original. Tighten the bolt to secure the brake line bracket attached to the lower control arm using the original (1) 15mm nut.

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.

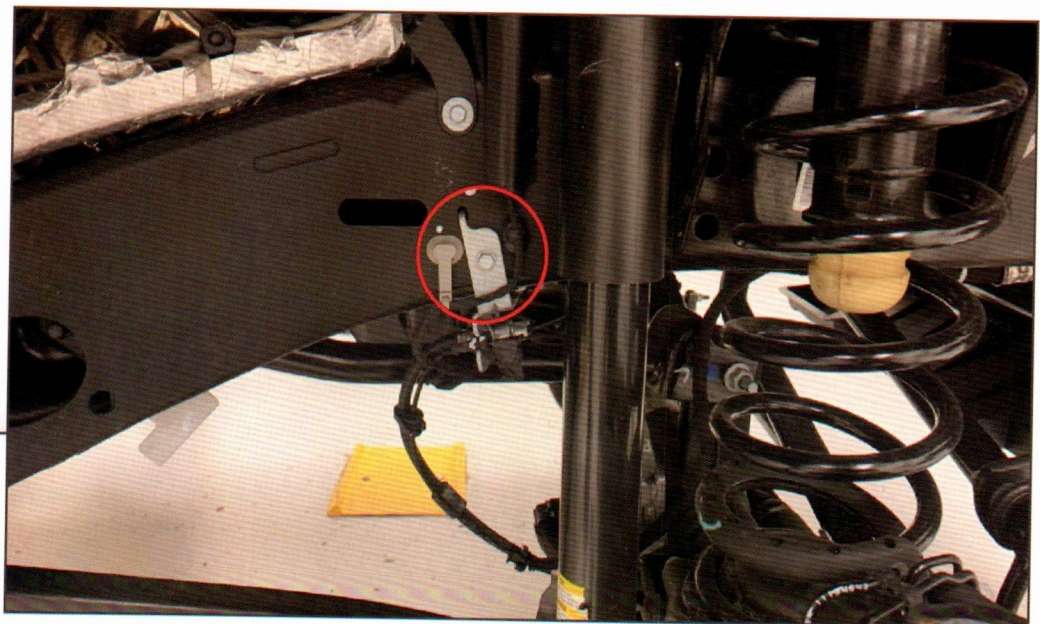
STEP 11



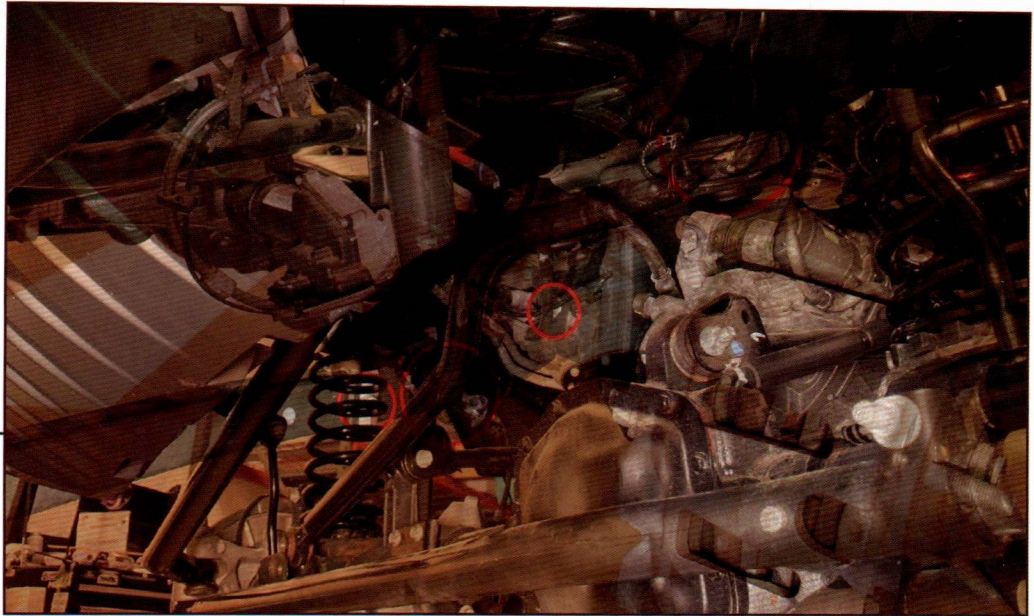
Secure the (1) front sway bar link to the vehicle sway bar and axle using (2) M12x1.75 x 65mm bolts, (2) M12 flat washers, and (2) M12 locking flange nuts.

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

STEP 12

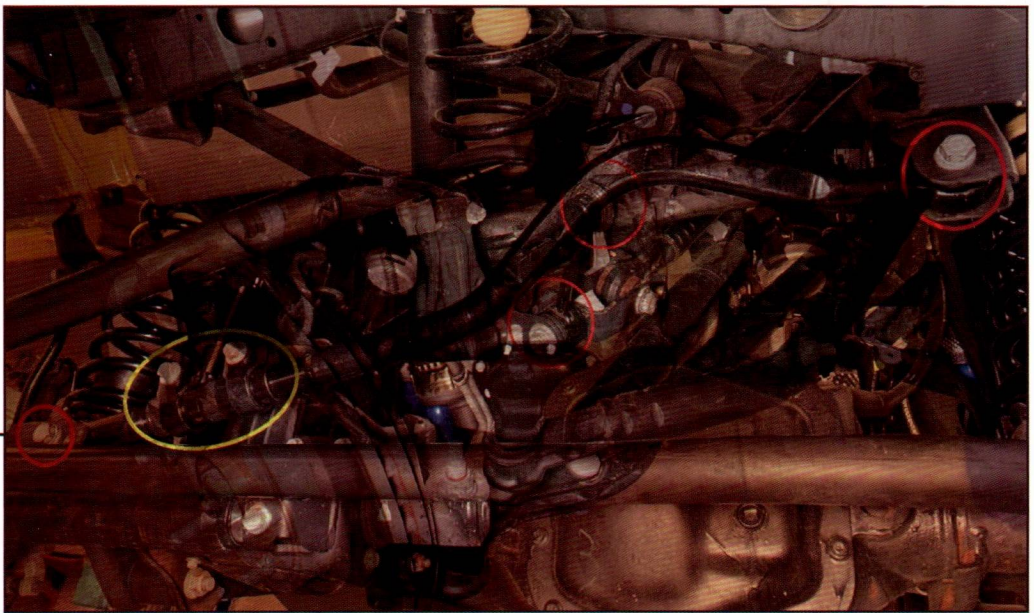


Secure the brake line bracket to the vehicle frame using the original (1) 10mm bolt.



STEP 33

Remove the vehicle track bar from the frame by removing (1) 21mm bolt & nut from the brake line bracket under the spring perch. Remove (1) 15mm nut from the brake line bracket attached to the lower control arm.

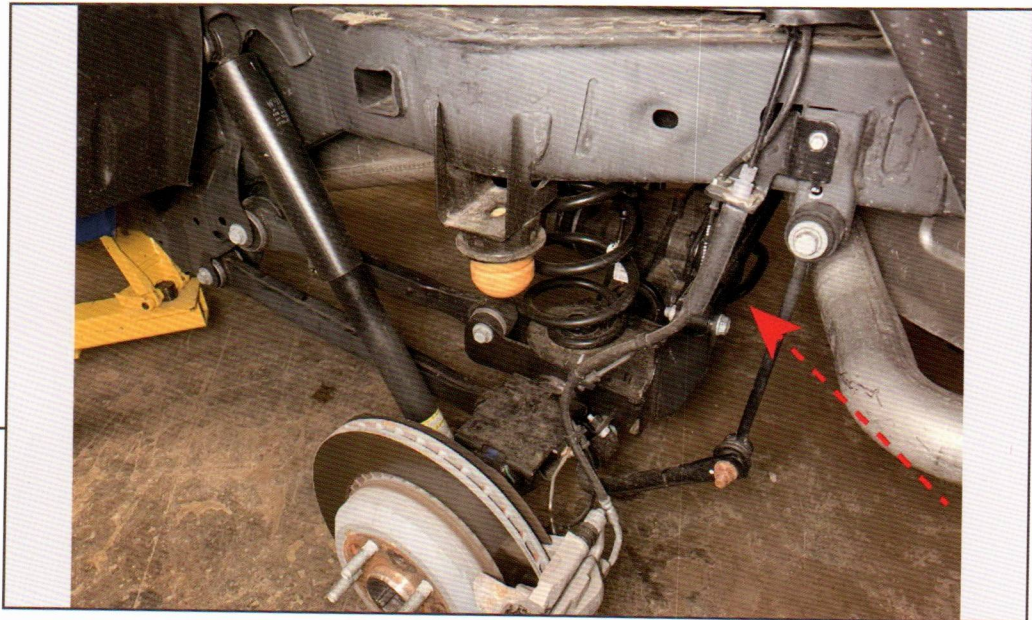


STEP 34
[ADJUSTABLE TRACK BAR]

Remove (1) 18mm nut securing the sway bar track bar. Ensure the 18mm sleeve bolt threaded through the sway bar link to the axle for proper engagement. Then, fit the track bar assembly to the vehicle, and secure each end using the original (2) 21mm bolts & nuts.

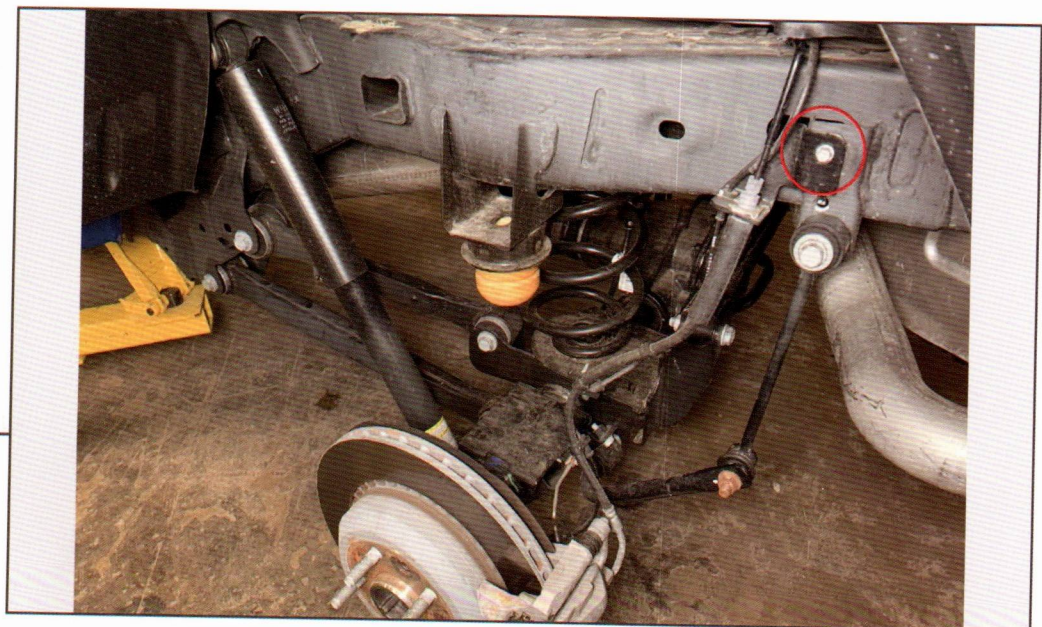
To align: Place the vehicle on the ground with the wheels installed. Measure the distance from the outer edge of the tire to the outer edge of the fender flare. This measurement must be the same on both sides. Adjust the track bar sleeve until each side is the same measurement. Then, tighten the sleeve clamps to lock the adjustment.

STEP 15
[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.

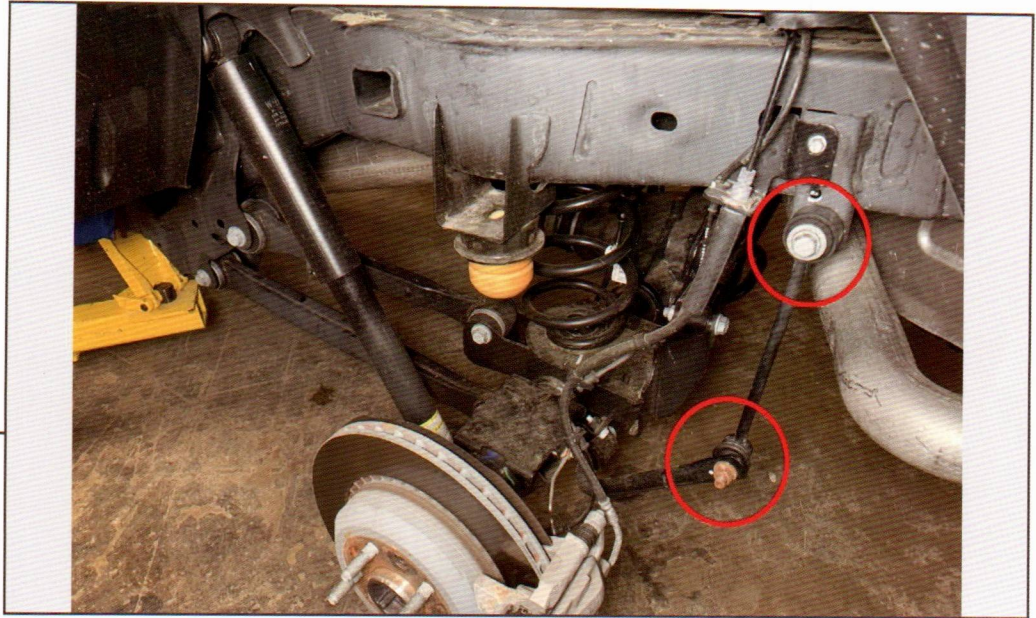
STEP 16



Remove the brake line bracket from the vehicle frame by removing (1) 10mm bolt.

Repeat this step for the opposite side of the vehicle.

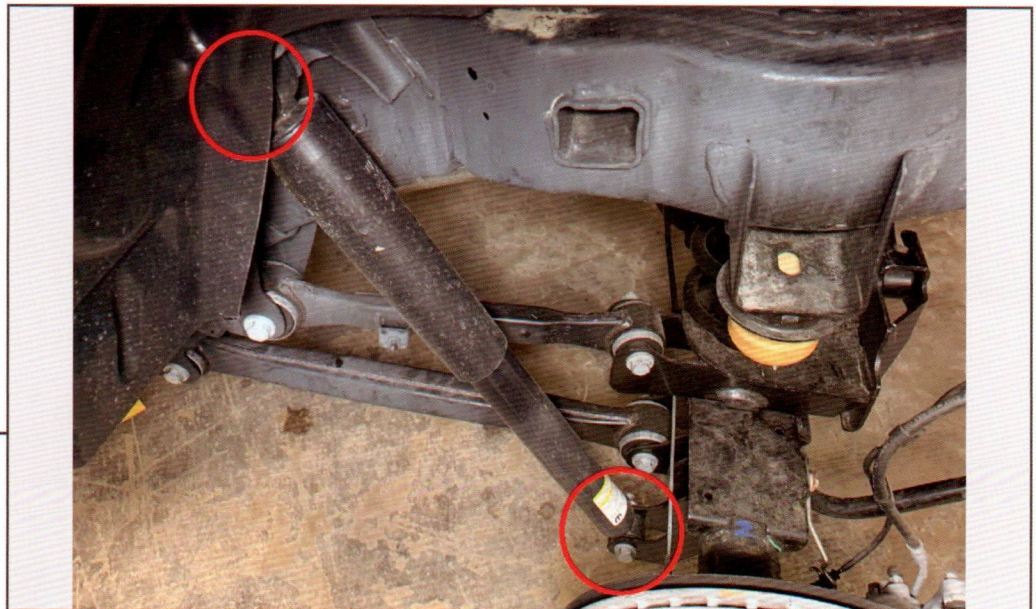
STEP 17



Remove the (1) 18mm bolt and (1) 18mm nut to remove the sway bar link from the vehicle.

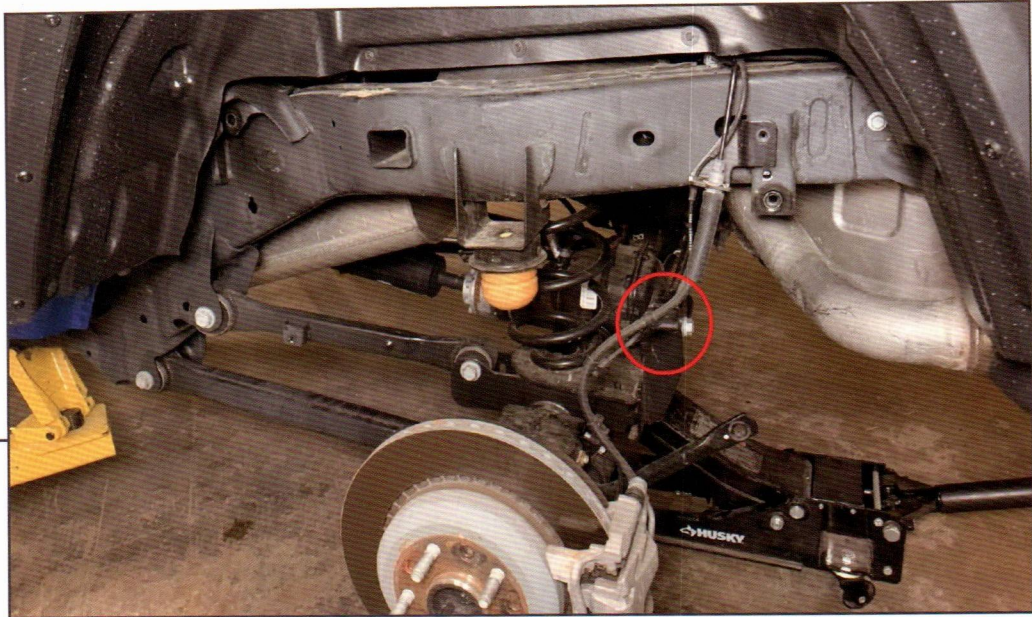
Repeat this step for the opposite side of the vehicle.

STEP 18



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

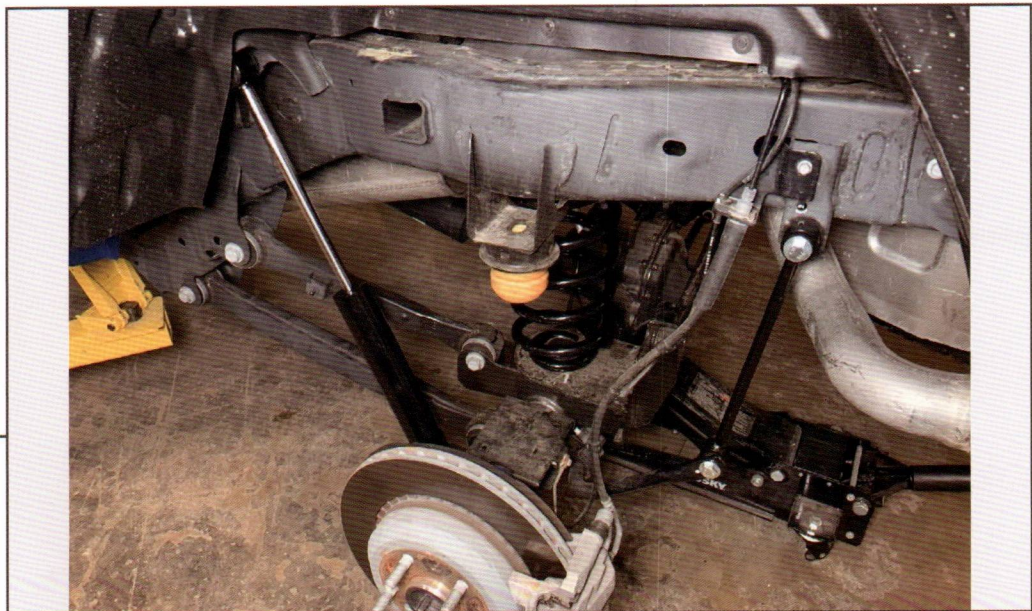
Repeat this step for the opposite side of the vehicle.



STEP 19

Remove (1) 21mm bolt from the rear track bar.

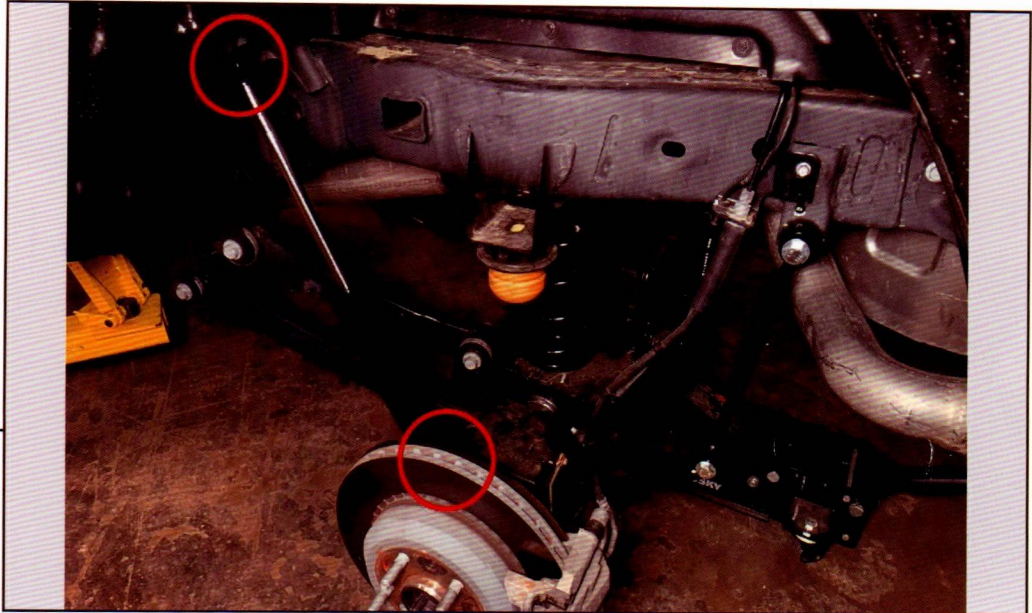
Lower the floor jack to relieve tension from the vehicle coil springs. Remove the coil springs from the vehicle.



STEP 20

Ensure the upper coil spring rubber isolator is still installed to the vehicle frame. Then, fit the coil spring into the vehicle.

Repeat this step for the opposite side of the vehicle.



STEP 25

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.

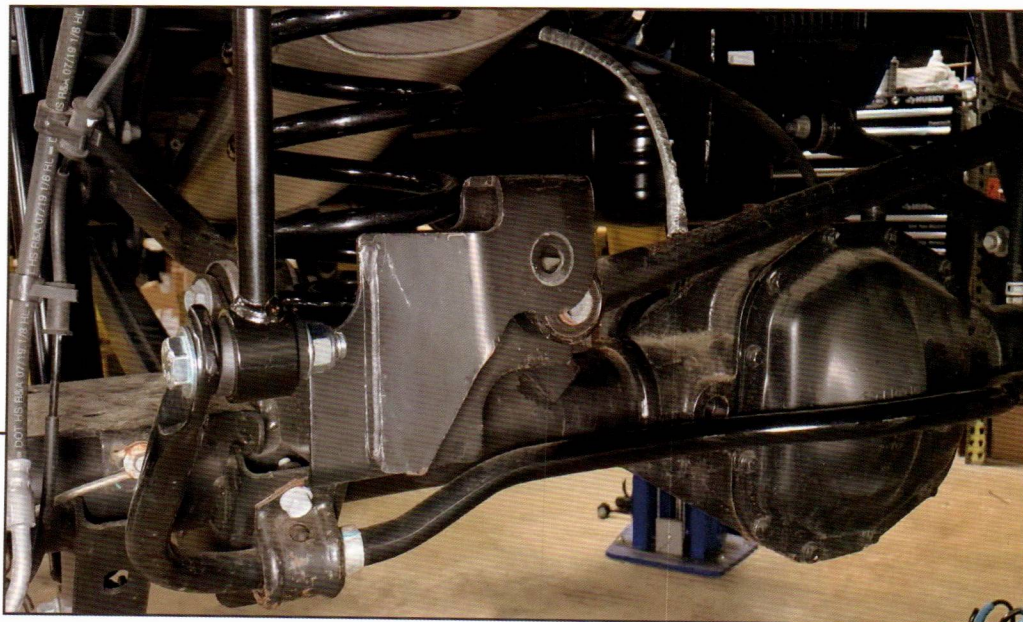


STEP 28

Secure the following page for link to the specifications. Use using (1) M12x1.50 x 60mm bolt [fine thread] and (1) M12 flat washer. Secure the rear sway bar link to the vehicle sway bar using (1) M12x1.75 x 65mm bolt (1) M12 flat washer (1) M12 locking flange nut.

Repeat this step for the opposite side of the vehicle.

STEP 23



Lower the vehicle to the ground with the wheels installed. With assistance, gently push the vehicle body to allow the track bar to properly align with the axle. Then, secure the track bar to the axle using the original (1) 21mm bolt & nut.

STEP 24



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.
- Front Track Bar Bolt (FRAME): 52 Plus 155° ft. lbs.
- Rear Track Bar Bolt (AXLE): 100 ft. lbs.
- Rear Upper Shock Absorber Bolt: 89 ft. lbs.
- Rear Lower Shock Absorber Bolt: 89 ft. lbs.
- Rear Upper Sway Bar Link Bolt: 81 ft. lbs.
- Rear Lower Sway Bar Link Bolt: 70 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.