

REMOVAL

1. w/ AHC System:

DRAIN SUSPENSION FLUID AHC

- (a) Connect the hose to the bleeder plug for damping force control actuator and loosen the bleeder plug.

CAUTION:

While the fluid is being discharged, vehicle height is lowered suddenly.

- (b) After the fluid pressure has dropped and oil has drained out, tighten the bleeder plug and remove the hose.

Torque: 8.3 N·m (84 kgf·cm, 73 in·lbf)

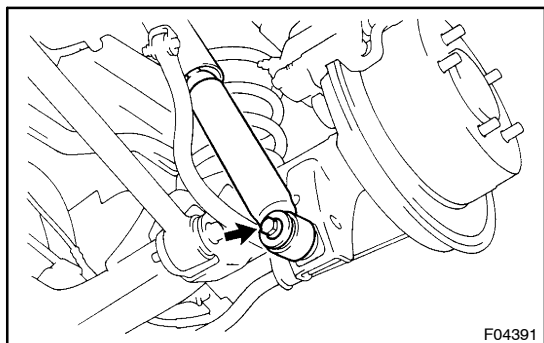
2. REMOVE REAR WHEELS

Torque:

Steel wheel: 209 N·m (2,131 kgf·cm, 154 ft·lbf)

Aluminum wheel: 131 N·m (1,340 kgf·cm, 97 ft·lbf)

3. SUPPORT REAR AXLE HOUSING WITH JACK

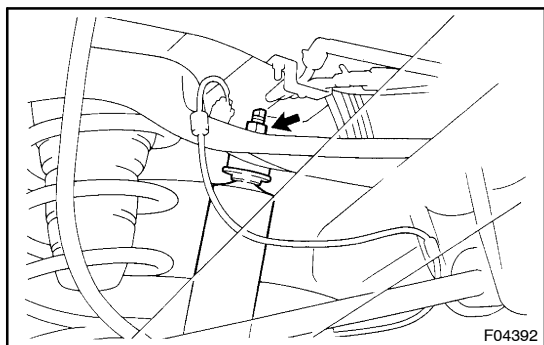


4. w/o AHC System:

REMOVE SHOCK ABSORBER

- (a) Remove the bolt and disconnect the shock absorber from the axle housing.

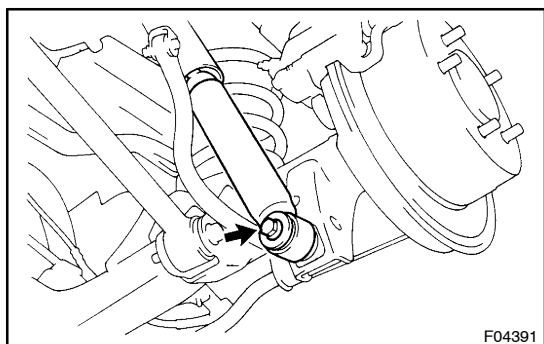
Torque: 98 N·m (1,000 kgf·cm, 72 ft·lbf)



- (b) While holding the piston rod, remove the nut, 2 retainers cushion and shock absorber.

Torque: 68 N·m (700 kgf·cm, 51 ft·lbf)

- (c) Remove the 2 retainers and cushion from the shock absorber.

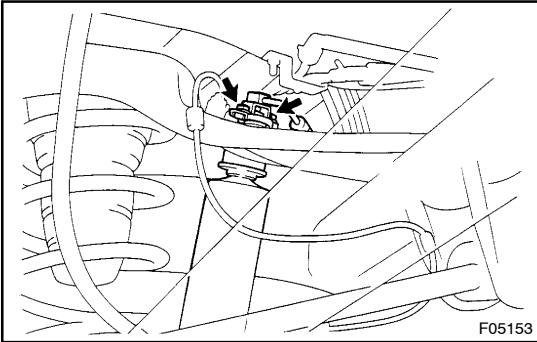


5. w/ AHC System:

REMOVE SHOCK ABSORBER

- (a) Remove the bolt and disconnect the shock absorber from the axle housing.

Torque: 98 N·m (1,000 kgf·cm, 72 ft·lbf)

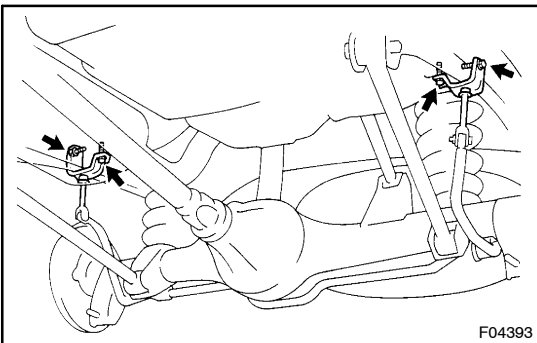


- (b) Remove the 2 bolts and disconnect the pressure hose.
Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)
- (c) Remove the O-ring and back up ring from the pressure hose.

HINT:

At the time of installation, replace the used O-ring and back up ring with new ones.

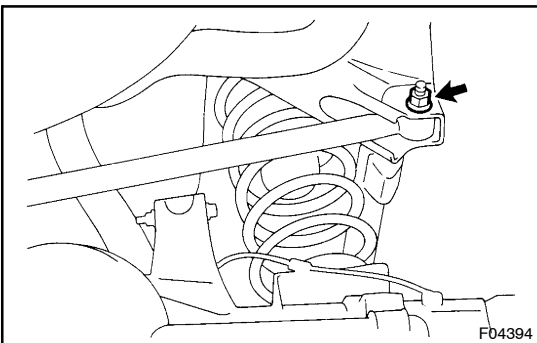
- (d) While holding the cushion, remove the nut, cushion, retainer and shock absorber.
Torque: 68 N·m (700 kgf·cm, 51 ft·lbf)
- (e) Remove the cushion and retainer from the shock absorber.



6. DISCONNECT LH AND RH STABILIZER BAR BRACKETS

Remove the 4 bolts and disconnect the LH and RH stabilizer bar brackets.

Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)



7. DISCONNECT LATERAL CONTROL ROD

Remove the nut, washer, bolt and disconnect the lateral control rod.

Torque: 150 N·m (1,530 kgf·cm, 111 ft·lbf)

HINT:

At the time of installation, please refer to the following items.

- Replace the used nut with a new one.
- After stabilizing the suspension, torque the nut.

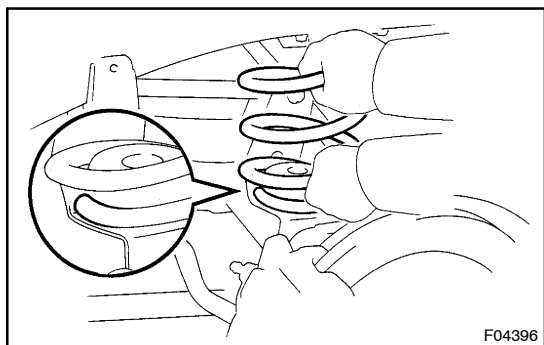
8. DISCONNECT BREATHER HOSE

9. REMOVE COIL SPRING

- (a) Begin to lower the axle housing.

NOTICE:

Be careful not to snap the brake line and parking brake cable.

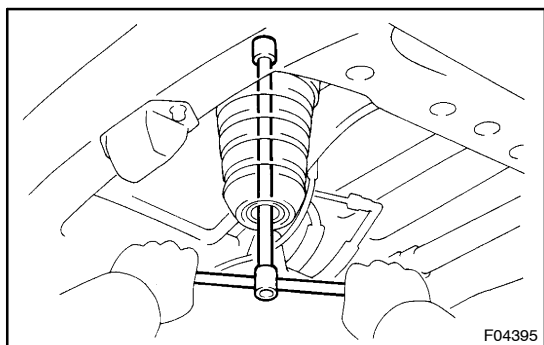


- (b) While lowering the axle housing, remove the coil spring and insulator.

HINT:

At the time of installation, please refer to the following items.

- Check that the coil spring end is installed correctly.
- If the coil spring end is not in the correct position, reinstall the coil spring.



- (c) Remove the bolt and follow spring from the frame.
Torque: 28 N·m (290 kgf·cm, 21 ft·lbf)