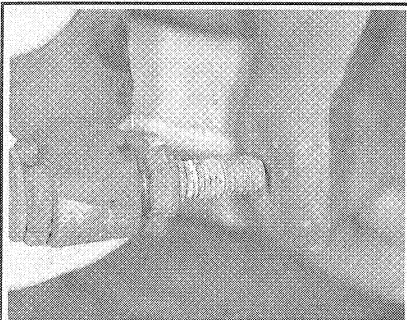


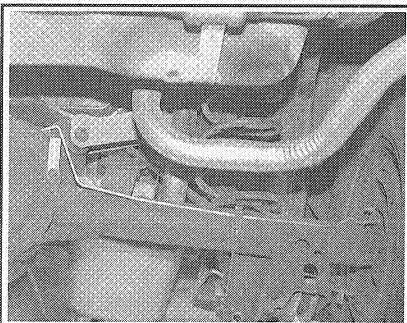
93148P07

**Fig. 64** Support the rear axle housing with an adjustable hoist



93148P06

**Fig. 65** Remove the nut and slide the bolt out of the lower mounting ear



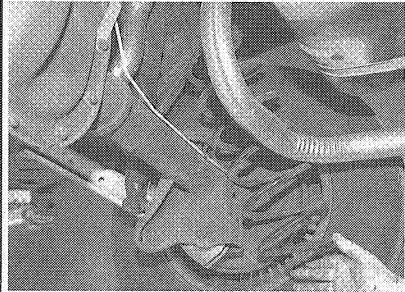
93148P05

**Fig. 66** Lower the hoist until the spring pressure is completely relieved

3. Remove the rear stabilizer bar, if equipped.
4. Disconnect the lower studs of both rear shock absorbers from the mounting brackets on the axle tube.
5. Unsnap the right parking brake cable from the right upper arm retainer before lowering the axle.
6. Lower the axle housing until the coil springs are released. Remove the springs and insulators.

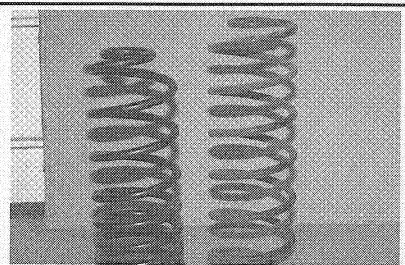
**To install:**

7. Position the spring in the upper and lower seats with an insulator between the upper end of the spring and frame seat.
8. Raise the axle and connect the shock absorbers to the mounting brackets. Install new retaining nuts and tighten to 56–76 ft. lbs. (77–103 Nm).



93148P04

**Fig. 67** Remove the spring from its seat on the rear axle. Save and reuse any coil spring covers or noise insulators



93148P02

**Fig. 68** Do not be fooled by the unsprung length of a new spring. The new spring is shorter, it is a heavier duty design. It will not compress as much as the old spring and the car rides higher in the rear

9. Snap the right parking cable into the upper arm retainer. Install the stabilizer bar, if equipped.
10. Remove the support from the rear axle housing and lower the vehicle.

## Air Springs

### REMOVAL & INSTALLATION

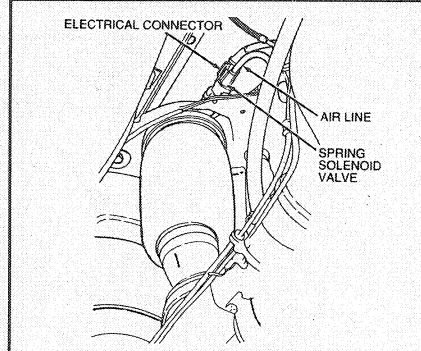
♦ See Figures 69 thru 79

Town Car and Mark

### \*\*\* CAUTION

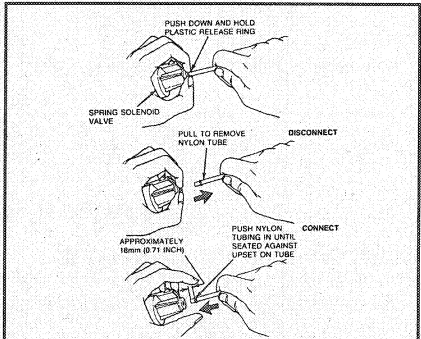
**Before servicing any air suspension component, disconnect power to the system by turning the air suspension switch OFF or by disconnecting the negative battery cable. Do not remove an air spring under any circumstances when there is pressure in the air spring. Do not remove any components supporting an air spring without either exhausting the air or providing support for the air spring.**

1. Turn the air suspension switch **OFF**.
2. Raise and safely support the vehicle on the frame. The suspension must be fully down with no load.
3. Remove the heat shield, as required. Remove the spring retainer clip.
4. Remove the air spring solenoid as follows:
  - a. Disconnect the electrical connector and then disconnect the air line.



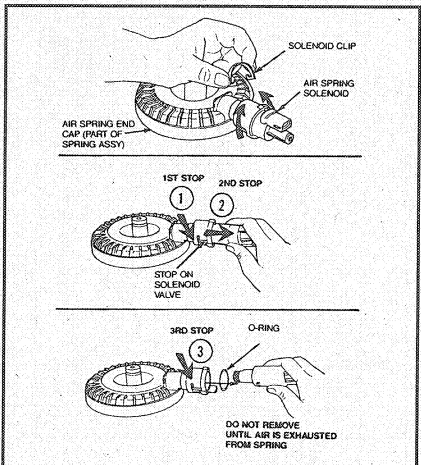
84178032

**Fig. 69** Air spring solenoid location



84178033

**Fig. 70** Air line connect/disconnect procedure



84178034

**Fig. 71** Air spring solenoid removal—reverse sequence for installation

- b. Remove the solenoid clip.
- c. Rotate the solenoid counterclockwise to the first stop.
- d. Pull the solenoid straight out slowly to the second stop to bleed air from the system.

### \*\*\* CAUTION

**Do not fully release the solenoid until the air is completely bled from the air spring or personal injury may result.**