

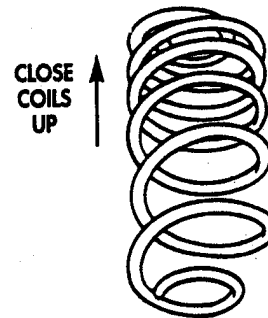
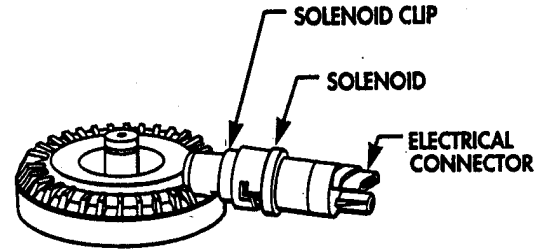
INSTALLATION INSTRUCTIONS FOR VARIABLE RATE SPRINGS

1991-96 Ford Crown Victoria, Lincoln Town Car & Mercury Grand Marquis with Air Suspension

WARNING - Before servicing any vehicle equipped with original equipment air bag suspension, turn off the air suspension switch (in trunk area) and disconnect battery ground cable.

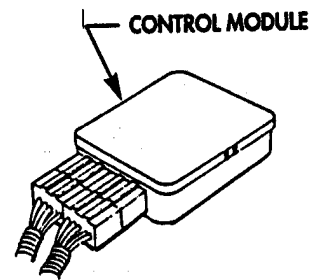
WARNING - Do not attempt to remove any air suspension components when there is pressure in the air spring. Bleed the air spring completely before servicing.

1. Raise vehicle and support under frame side rails.
2. Axle assembly must be supported with hoist or other adjustable lifting mechanism.
3. Disconnect electrical connector at top of spring.
4. To purge spring of air, remove solenoid clip and rotate solenoid counter-clockwise to first stop.
5. Pull solenoid out to second stop to bleed air from spring.
CAUTION - Do not fully release solenoid until air is completely bled from system.
6. Rotate solenoid counter-clockwise to third stop and remove from spring.
7. Disconnect lower shock mounts and slowly lower axle assembly.
(NOTE - Use caution to insure that brake lines are not bent or stretched. In some cases, it may be necessary to loosen brake line mounting brackets to avoid brake line damage.)
8. Remove spring retaining clip from top side of frame spring seat and remove air bag.
9. Install springs using supplied rubber insulator pads on both ends of spring with close coils up.
10. Raise axle assembly slightly and reconnect shocks. With shocks fully extended, be sure springs are tight in their seats.
11. Raise axle assembly until springs support vehicle load. Reconnect any brake line brackets previously removed.



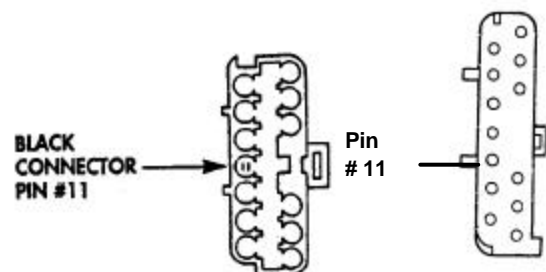
DISABLING OF AIR SUSPENSION CONTROLS

12. Air suspension switch in trunk area must be turned off.
13. On 1991-94 vehicles, locate the control module for the air suspension in the trunk area on either the back of rear seat or behind the trim panel on the right rear side of the trunk. On 1995-96 vehicles the control module is located under the right side of the dash panel. There are 2 connectors for all model years, 1 black and 1 gray.
14. Disconnect the black connector and remove or cut the wire to pin #11 as shown. This will turn off the "AIR SUSP" message on the dashboard. The color code for this wire should be as follows:
 1991-92 Lincoln Town Car dark green/light green



1992 Ford Crown Victoria	green
1992 Mercury Grand Marquis	green

15. Reconnect the black connector to the control module. This connector must be reconnected as the control module also controls functions of the "EVO" steering system.



NOTE - The parts in this kit are designed to replace the worn or non-functioning original equipment parts in the vehicle as produced by the

car factory. These parts are not designed for installation on vehicles where the suspension and/ or steering systems have been modified for racing, competition, or any other purpose.

CAUTION - The overload capacity of Variable Rate Springs exceeds the capacity of most vehicles. Do not carry loads in excess of manufacturer's recommended vehicle capacity.