



For ALL Your Air Suspension Needs!!!

1989-2002

***Mercury Grand Marquis
Ford Crown Victoria
Lincoln Town Car***

**40F-12-R
Rear Shocks**





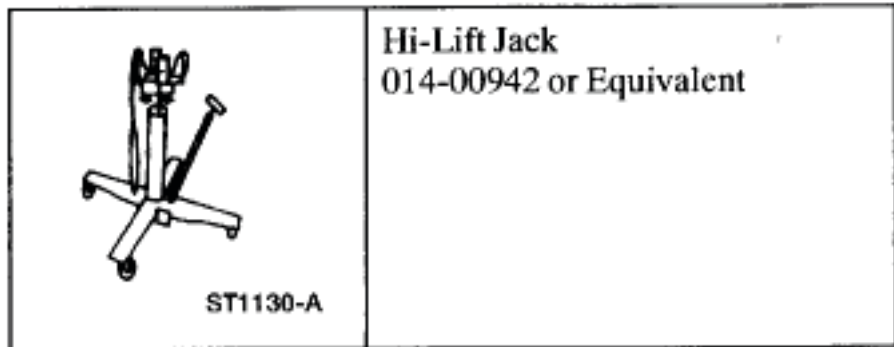
For ALL Your Air Suspension Needs!!!

WARNING:

BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY! THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER CAR UNDER A VEHICLE SUPPORTED BY A JACK. ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.

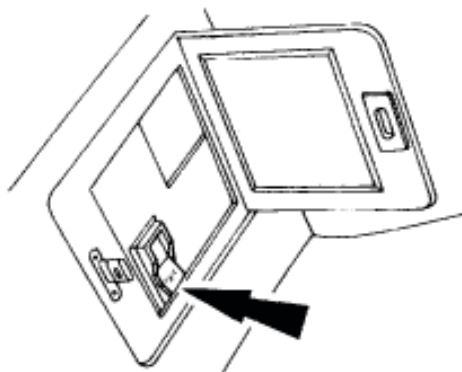
Notes

Rear Suspension



Removal

1. **WARNING: Disconnect battery ground cable. If equipped with air suspension, turn switch OFF. The electrical power to the air suspension system must be turned off prior to hoisting, jacking or towing an air suspension vehicle. Failure to do so can result in unexpected, inflation or deflation of the air springs, which can result in shifting of the vehicle during these operations. WARNING: All vehicles are equipped with gas-pressured shock absorbers which will extend unassisted. Do not apply heat or flame to the shock absorber tube.**

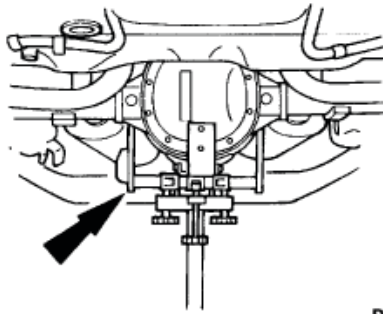


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Turn the air suspension service switch off.

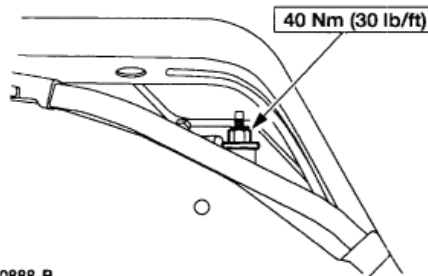
Removal

2. **Raise and support the vehicle.**



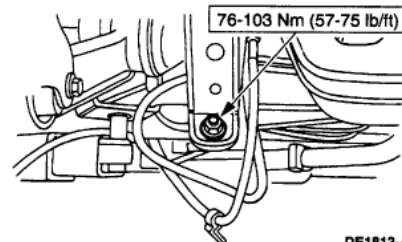
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3. **Use the Hi-Lift Jack to support the rear axle.**
4. **WARNING: Do not remove an air spring under any circumstances when there is air pressure in the air spring. Do not remove any components supporting an air spring without exhausting the air. Release the air pressure from the air springs.**



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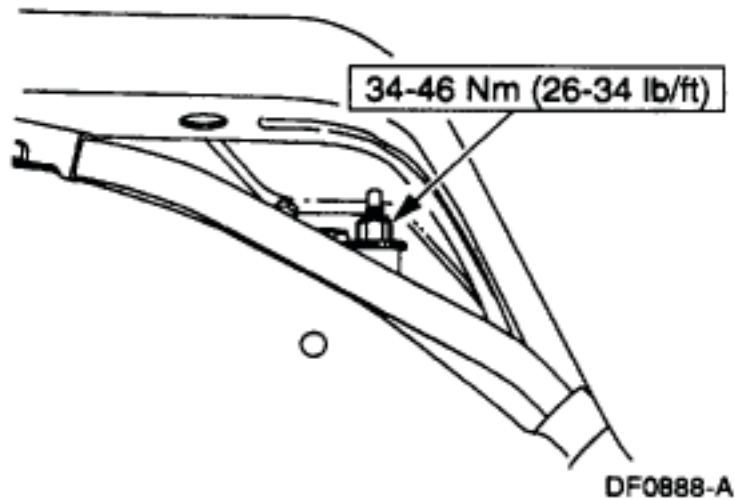
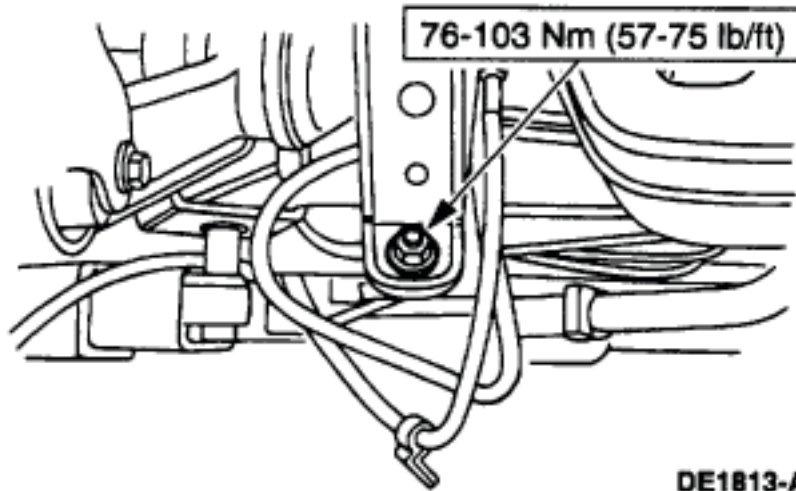
5. **NOTE: Replace shock absorbers individually as required. It is not necessary to replace in pairs. NOTE: To assist in removing the upper attachment on shock absorbers, use a plastic dust tube and place an open end wrench on the hex stamped into the dust tube's metal cap. For shock absorbers with a steel dust tube, simply grasp the tube to prevent stud rotation when loosening the retaining nut. Remove the shock absorber upper retaining nut, washer and insulator from the stud on the upper side of the frame.**



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6. **Remove and discard the self-locking retaining nut. Disconnect the shock absorber lower stud from the mounting bracket on the rear axle assembly.**

Installation



1. Follow the removal procedure in reverse order.