

ALL PARTS ARE TO BE INSTALLED BY A CERTIFIED ASE TECHNICIAN



1997-202 Ford Expedition

1998-2002 Lincoln Navigator

4WD Suspension Air to Coil Spring
Conversion Kit with Gas Shocks Bundle

53F-30-4-Kit



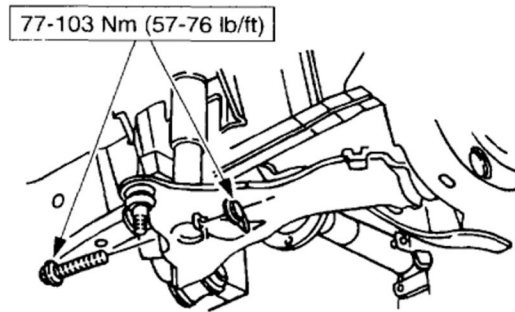
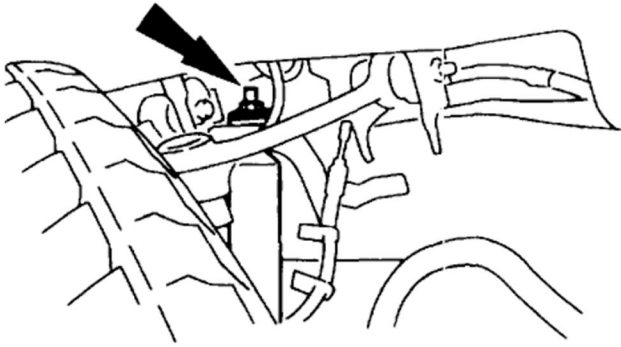
Before you begin the removal or installation, please read all or the instructions thoroughly!
The warranty will be void if instructions are not followed exactly. Do not work under a vehicle supported by a jack.
Always support the vehicle safety standards.



BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, PLEASE READ ALL OF THE INSTRUCTIONS THOROUGHLY!

THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER A VEHICLE SUPPORTED BY A JACK.

ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.

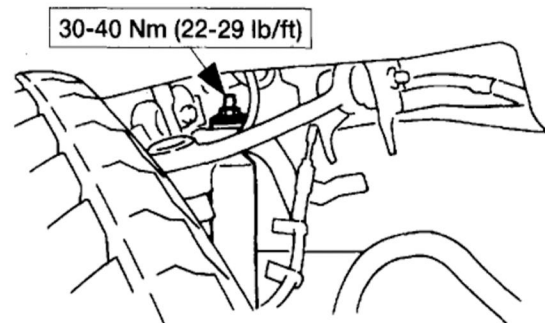
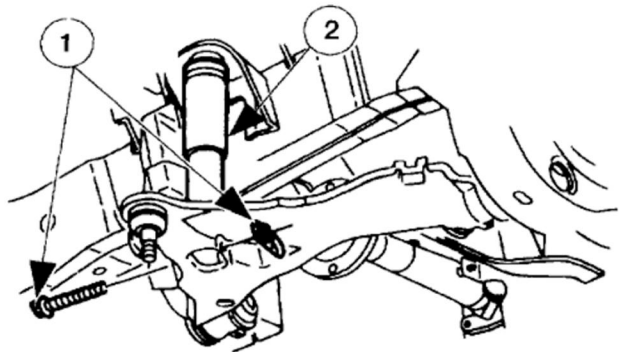


Front Shock Removal

1. Hold the shock absorber stem and remove the upper front shock absorber nut, and washer assembly.

WARNING: The electrical power to the air suspension system must be shut off prior to hoisting, jacking or towing an air suspension vehicle. This can be accomplished by turning off the air suspension switch located in the RH kick panel area. 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.

2. Raise and support the vehicle.



3. Remove the lower nut and bolt.
4. Remove the shock absorber.
5. Install in reverse order.



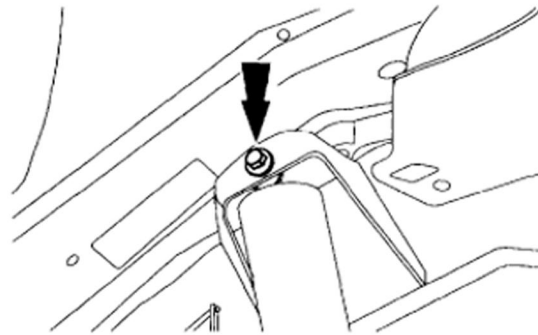
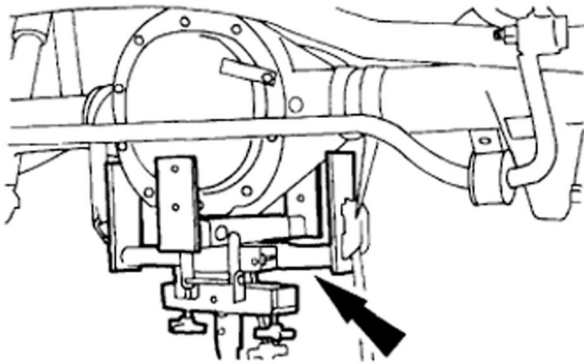
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Rear Removal and Installation

1. Verify the air suspension switch is in the off position. The switch is located on right front kick plate.
2. Lift vehicle, and remove both rear wheels.
3. Remove air spring solenoid retaining clip.
4. Remove electrical connector and air line from air spring solenoid.
5. Rotate solenoid counterclockwise to the first stop. Carefully pull out to vent air pressure from the air spring. After deflated, turn again counterclockwise and completely remove solenoid from air spring.
6. Using a hook or pliers, remove the clip that secures the top of the air spring to the chassis. The clip is easily accessed under the wheel arch, between the body of the vehicle and the chassis.
7. Remove the piston to axle spring seat clip. The air spring is held in place with a round retainer clip under the piston cap. To remove clip, gently pry between the piston and the axle. Clip will remove when pressure is applied.
8. Use a high lift jack to support the rear axle of vehicle.
9. Remove upper shock absorber nut and bolt.



9. Remove the lower shock absorber nut, bolt, and shock from vehicle.

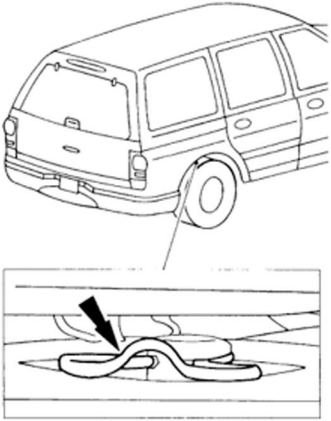


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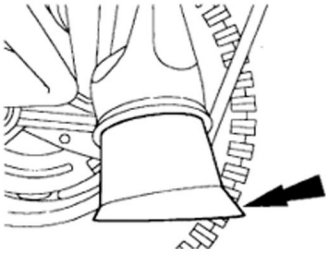
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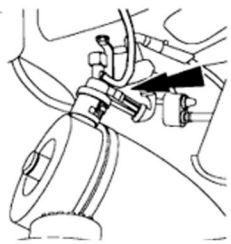
REAR AIR SPRING REMOVAL AND INSTALLATION



1. Remove the rear air spring retainer.



2. Lift the bottom of the air spring off of the rear axle.



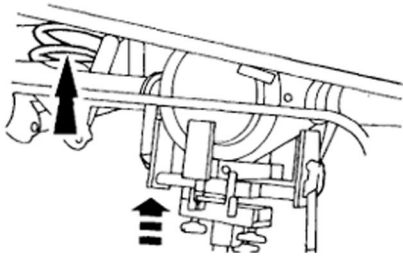
3. Disconnect the air line from the air spring.

- **Compress the quick connect locking ring and pull out the air line.**

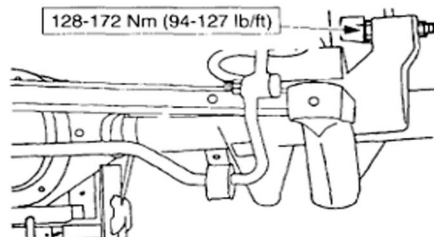
4. Disconnect the air spring solenoid electrical connector and remove the air spring.

Tie the wires and hose around the top of the coil spring. This will prevent the wires from touching the exhaust or any moving part.

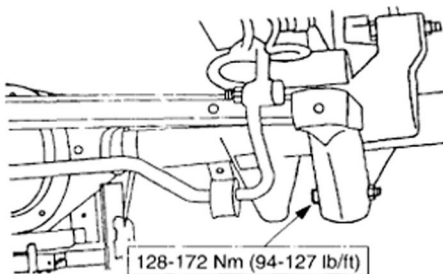
NOTE: DO NOT CUT THE WIRES AND HOSES.



5. Install the rear coil spring. Closer knit coils toward the top.



6. Position the rear suspension upper arm assemblies to the axle and install the bolts. (128-172 Nm/ 94-127 lb/ft.)



7. Position the rear suspension lower arm assemblies to the axle and install the bolts. (128-172 Nm/94-127 lb/ft)

8. Install wheel and tire assemblies.

9. Lower vehicle.

10. Keep air suspension switch in OFF position.

