



For ALL Your Air Suspension Needs!!!

1995-2002

Land Rover Range Rover



70R-30-4

Air Suspension Conversion Kit



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.

Front Air Spring Removal

WARNING: Air suspension is pressurized up to 10 bar (150 psi). Dirt and grease must not enter the system. Wear hand, ear and eye standard protection when servicing the system.

WARNING: Shock absorbers must be fitted before inflating air springs. Failure to observe this warning could cause air spring damage. **DO NOT ATTEMPT TO DISMANTLE AIR SPRINGS.**

1. Raise the vehicle.

WARNING: Support on safety stands.

2. Remove wheel arch liner, refer to *Body and Frame/Fender/Inner Fender/Service and Repair/Wheel Arch Liner* See: *Body and Frame\Fender\Front Fender\Front Fender Liner\Service and Repair\Procedures*

3. Support chassis under front cross member.

4. Depressurize system, refer to *Air Suspension/Testing and Inspection/Procedures* See: *Suspension Control (Automatic - Electronic Level)\Testing and Inspection*

5. Clean area, disconnect hose from air spring. Seal hose and spring.

6. Remove clips securing air spring.

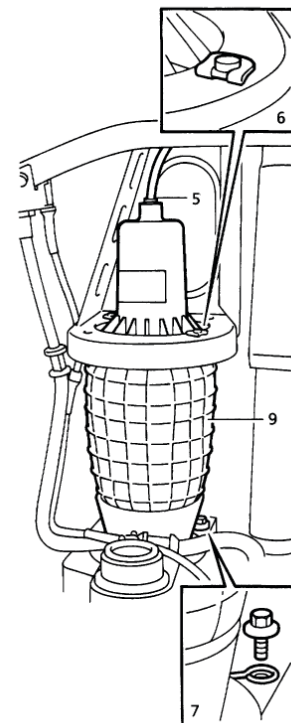
7. Remove bolt securing air spring retaining pin to axle. Remove pin.

8. Raise chassis on jack for clearance to remove air spring.

WARNING: Support on safety stands.

CAUTION: When refitting the air spring, do not allow the vehicle to rest on the deflated air spring. The chassis must be supported until the air spring is inflated.

9. Remove air spring.





For ALL Your Air Suspension Needs!!!

Front Coil Spring Installation

- 1. Remove retaining nut from both front shocks.**
- 2. Install upper coil spring rubber insulator.**
- 3. Install front coil spring onto the suspension. Hold the coil spring against the upper mount, while sliding the lower spring perch into place.**
- 4. Using a floor jack, raise the axle and compress the front coil springs so you can replace the lower shock nuts.**
- 5. Install retaining nut from both front shocks.**

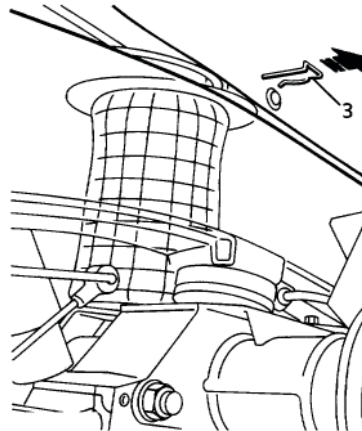


Rear Air Spring Removal

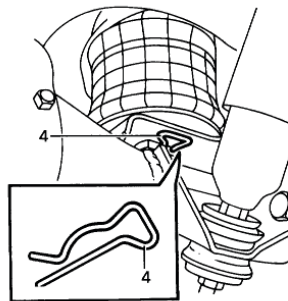
WARNING: Air suspension is pressurized up to 10 bar (150 psi). Dirt or grease must not enter the system. Wear hand, eye and ear standard protection when servicing system.

WARNING: The air spring must be restricted by suspension loading, with dampers fitted before inflation. Failure to observe this warning could result in air spring damage, resulting in component failure or personal injury. **DO NOT ATTEMPT TO DISMANTLE AIR SPRING.**

1. Remove wheel arch liner, refer to Body and Frame/Fender/Inner Fender/Service and Repair See: Body and Frame\Fender\Front Fender\Front Fender Liner\Service and Repair\Procedures
2. Support chassis under rear cross member. Depressurize suspension, refer to Air Suspension/Testing and Inspection/Procedures/Leak Testing See: Suspension Control (Automatic - Electronic Level)\Testing and Inspection



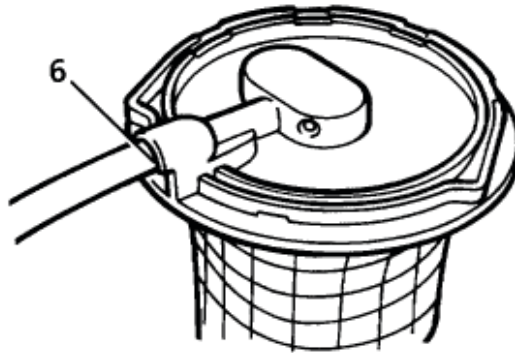
3. Using a suitable hooked tool, remove clip securing air spring to chassis.
NOTE: Access to clip is under wheel arch between body and chassis.



4. Remove clip securing air spring to axle.

Rear Air Spring Removal

5. **Raise chassis for clearance to remove spring. Resupport chassis.**



6. **Release air spring from chassis and axle for access to air pipe connection, clean connection and disconnect pipe.**
7. **Seal pipe and air spring. Remove spring.**

Rear Coil Spring Installation

1. **Remove retaining nut from both front shocks.**
2. **Install upper coil spring rubber insulator.**
3. **Install front coil spring onto the suspension. Hold the coil spring against the upper mount, while sliding the lower spring perch into place.**
4. **Using a floor jack, raise the axle and compress the front coil springs so you can replace the lower shock nuts.**
5. **Install retaining nut from both front shocks.**

