

ALL PARTS ARE TO BE INSTALLED BY A CERTIFIED ASE TECHNICIAN



**2001-2004 Audi A6**

**2001-2004 Audi A6 Quattro**

**2001-2005 Audi Allroad**

PART TYPE

**299A-15-RL & RR**

**Installation Guide**



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.

## Rear Suspension Removal & Installation

### Special Tools Needed

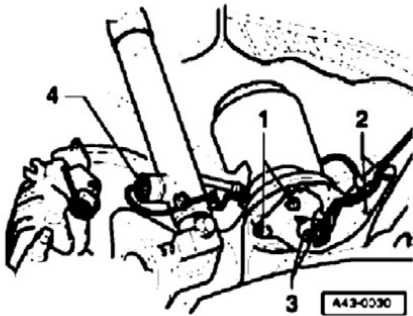
V.A.G 1383 A



### Transmission Jack

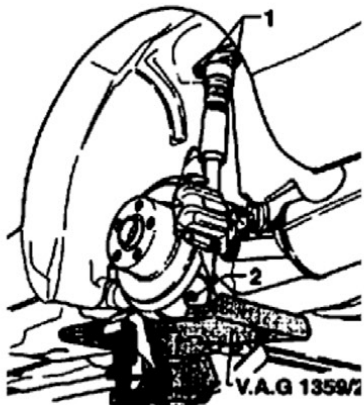
### Removing

1. Raise vehicle and remove rear tires.



2. Carefully open and remove air connections (#4).

**Note:** To remove and install spring cylinder, use engine/transmission Jack VAG1383 A with holder 1359/2.





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- 3. Remove bolt -2- on left and lower engine/transmission jack.**
- 4. Unscrew bolt -1- and remove shock absorber.**
- 5. Pull down rear axle, by second mechanic if necessary, and remove shock absorber.**

### **Air Spring Removal**

- 1. Remove air line from the bottom of the air spring.**
- 2. With an allen wrench, remove the top plastic cap.**
- 3. Remove the top shock nut.**
- 4. Turn shock upside down and twist the bottom 1/4 turn and push down.  
You may need to tap lower piston with a rubber hammer to separate it from the bottom seal.**
- 5. Remove air spring from shock.**
- 6. Remove old O-ring from shock. Use a clean towel to wipe down shock and O-ring groove.**

### **Air Spring Installation**

- 1. Install new O-ring onto the shock and lubricate.**
- 2. Install new air spring onto the shock.**
- 3. Reinstall top shock nut.**
- 4. Apply lubricant to O-ring, then reinstall top cap.**
- 5. Tighten top cap with allen wrench.**
- 6. Push and twist 1/4 turn to seal the bottom piston to the shock.**
- 7. Remove plastic plugs and install air line.**

**Installation is in reverse order of air strut removal.**