



SSAS02239N  
Di.Pa. Sport  
FOR 2001-2006  
AUDI A6 & ALLROAD QUATTRO



**WARNING:** The air suspension system is under pressure (up to 10 bar, or 150 lbf/in). Verify pressure has been relieved and disconnect power to the air suspension system prior to disassembly. Do not allow dirt or grease to enter the system. Always wear standard hand, ear, and eye protection when servicing the air suspension system.

**KIT CONTAINS:**

**PARTS LIST**

P/N	QTY	DESCRIPTION
21-8285	1	FRONT SHOCK KIT
21-8286	1	ACCESSORY KIT



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GENERAL INFORMATION:

- Not to be stored below 5 °F (-15 °C) or above 122 °F (50 °C).
- Avoid damage to air lines and cables.
- Removal and installation is only to be performed by fully qualified personnel.
- Use car manufacturer's diagnostic software.

**CAUTION:** *Damage to the vehicle and air suspension system can be incurred if work is carried out in a manner other than specified in the instructions or in a different sequence.*



To avoid the possibility of short circuits while working with electric components consult your owner's manual on how to disconnect your battery.



Consult your vehicles owners manual, service manual, or car dealer for the correct jacking points on your vehicle and for additional care, safety and maintenance instructions. Under no circumstances should any work be completed underneath the vehicle if it is not adequately supported, as serious injuries and death can occur.

AIR STRUT REMOVAL

1. SET STEERING TO STRAIGHT AHEAD.
2. RAISE VEHICLE.
3. REMOVE FRONT WHEEL.
4. BEGIN BY FIRST REMOVING THE LOWER SHOCK RETENTION NUT AND BOLT. (FIGURE A)

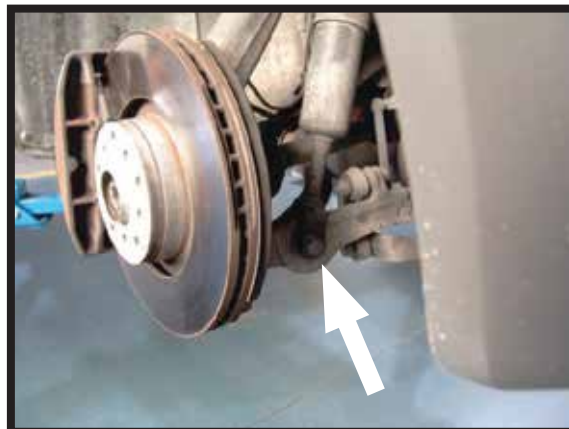


FIGURE A



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5. NEXT REMOVE THE UPPER CONTROL ARM PINCH BOLT WHICH HOLDS THE TWO BALL JOINTS TO THE SPINDLE ASSEMBLY. (FIGURE B)



FIGURE B

6. REMOVE THE THREE BOLTS HOLDING THE UPPER MOUNT TO THE BODY . (FIGURE C)



FIGURE C

7. REMOVE THE AIR STRUT ASSEMBLY FROM THE VEHICLE. (FIGURE D)



FIGURE D



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8. LOOSEN AND REMOVE THE SIX BOLTS HOLDING THE AIR STRUT TO THE UPPER MOUNT. (FIGURE E)



FIGURE E

9. SEPARATE THE UPPER MOUNT FROM THE AIR STRUT. (FIGURE F)



FIGURE F



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### AIR SPRING REMOVAL

10. IMPACT THE NUT FROM THE SHOCK ROD END AND REMOVE THE UPPER RUBBER MOUNT. (FIGURE G)



FIGURE G

11. REMOVE THE AIR SPRING FROM THE FACTORY SHOCK BEING SURE TO SAVE THE LOWER O-RING. (FIGURE H)



FIGURE H

### AIR SPRING INSTALLATION



*Tighten all nuts and bolts to manufacturer's specifications during the installation process.*

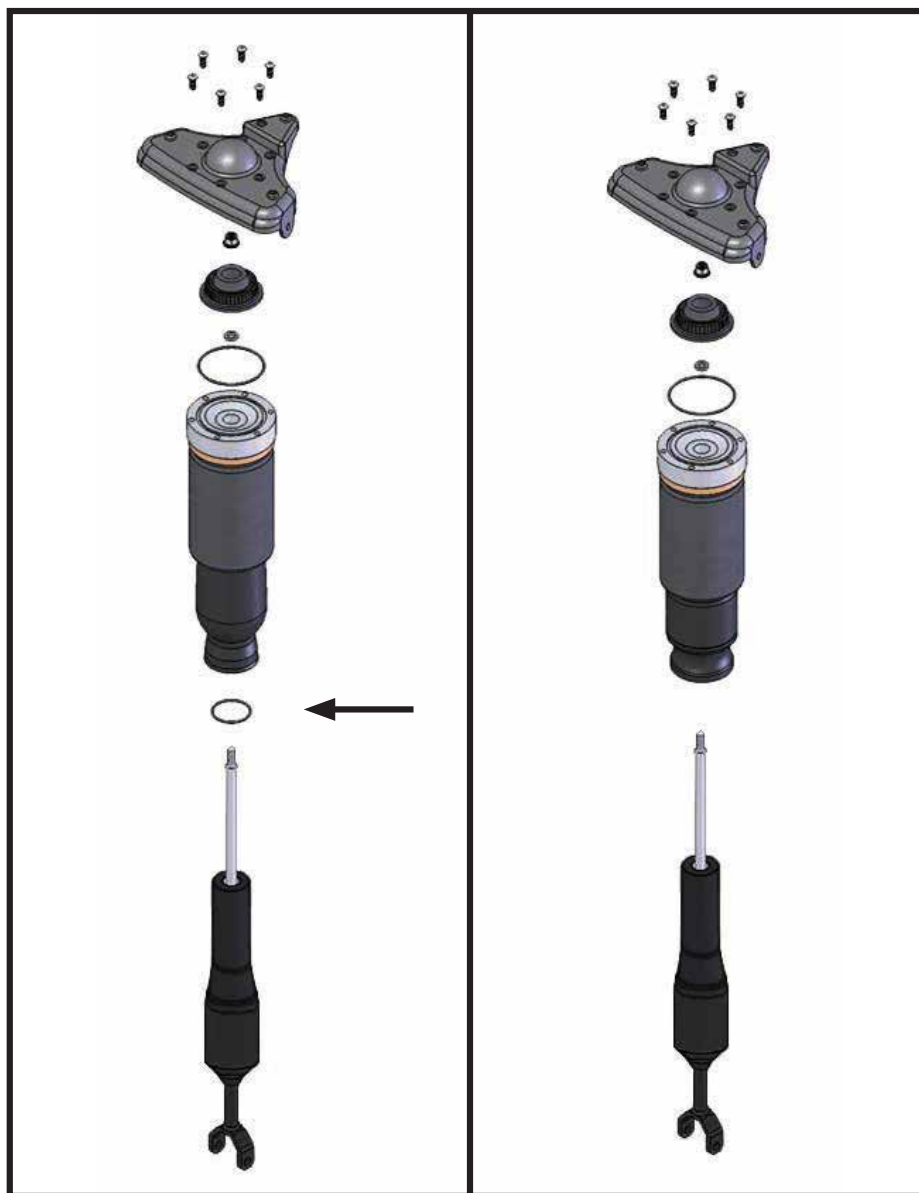
1. INSTALLATION IS IN REVERSE ORDER OF AIR SPRING REMOVAL.



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FACTORY AIR SPRING

AIR SPRING



**NOTE:**

WHEN INSTALLING WITH A  
FACTORY AIR SPRING, REUSE  
THE FACTORY LOWER O-RING.

REASSEMBLE AS INDICATED.  
REINSTALL INTO VEHICLE IN  
THE REVERSE ORDER OF  
DISASSEMBLY.

**AIR STRUT INSTALLATION**



*Tighten all nuts and bolts to manufacturer's specifications during the installation.*

1. INSTALLATION IS IN REVERSE ORDER OF AIR STRUT REMOVAL.