

ALL PARTS ARE TO BE INSTALLED BY A CERTIFIED ASE TECHNICIAN



## 2001-2005 Audi Allroad Quattro

Rear Air Suspension Air to Coil  
Spring and Strut Conversion Kit

**299A-31-4**



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.

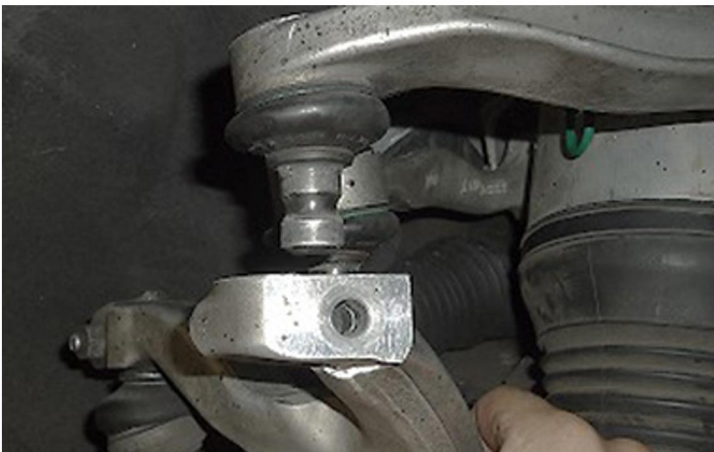
## 1. Remove the top three (3) top bolts under hood.



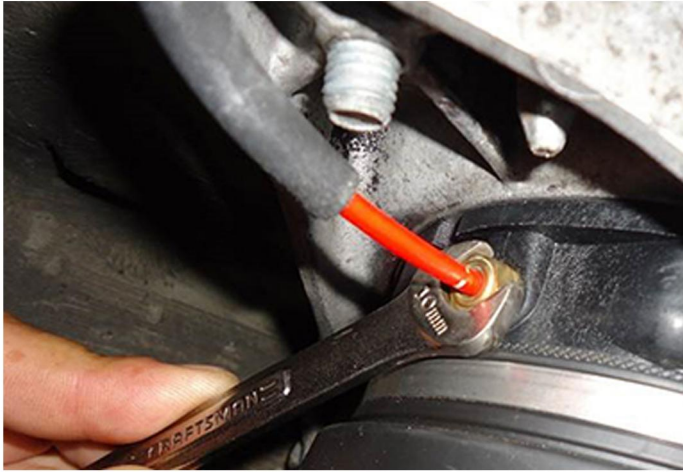
## 2. Remove the pinch bolt from the front of the control arms.



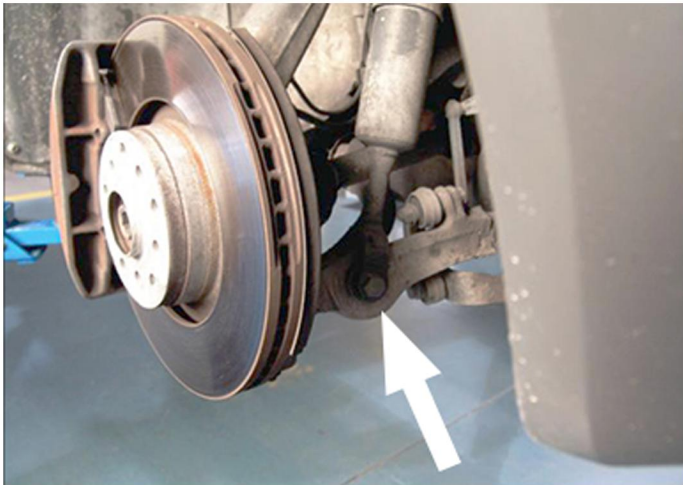
## 3. Remove both ball joints from the front suspension link.



**4. Remove the remaining air pressure from the front air spring. To deflate the air spring, carefully remove the air fitting from the top of the air spring. Remove the air line fitting from the air hose and discard.**



**5. Loosen and remove the lower shock bolt.**



**6. Carefully remove the air strut assembly from the vehicle.**



**7. Using a 12 point torx bit, remove the 6 upper shock mounting bolts. Remove the top cast aluminum shock cap.**



**8. Remove the center flange nut from the top of the shock.**

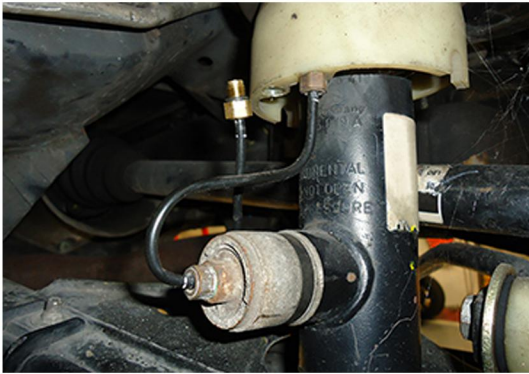


**9. Replace the cast aluminum shock cap and install the six (6) top mounting bolts.**

**10. Install strut in reverse order.**

## Rear Air Strut Removal

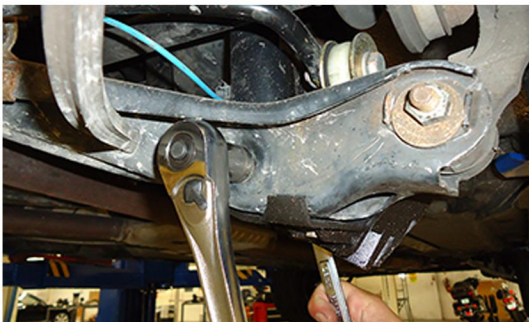
1. Raise vehicle.
2. Remove rear wheel.
3. Remove air pressure from rear air spring by slowly removing air fitting from bottom air fitting.



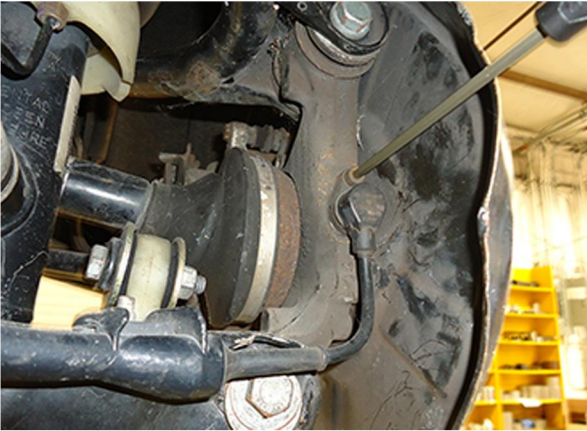
4. Remove upper mounting bolts from inside wheel well.



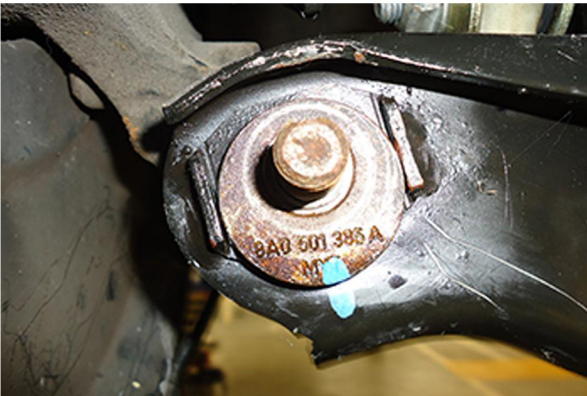
5. Remove bolt connecting the shock to the lower control arm.



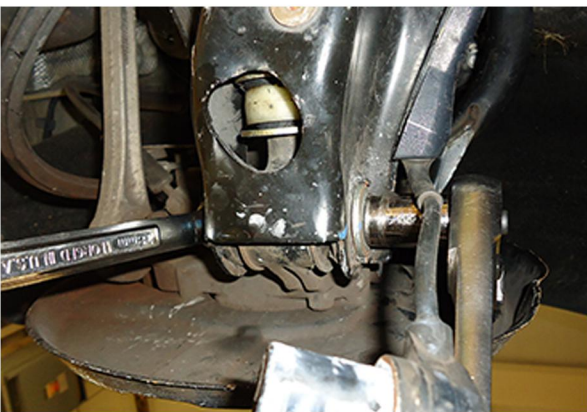
## 6. Remove the wheel speed sensor.



## 7. Using a paint marker, denote the lower control arm washer to reset your alignment back to where it was before removing.



## 8. Remove bolt from lower control arm.



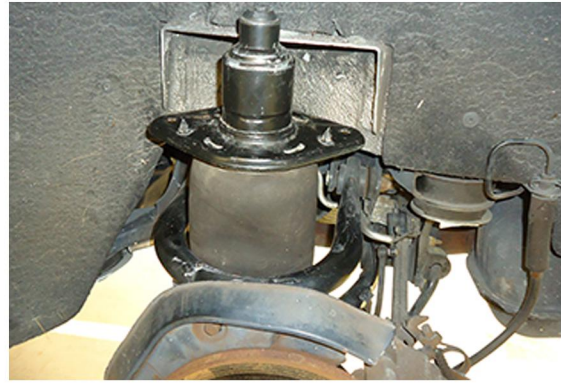
## 9. Pull down on top mount to remove it from mounting location.



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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.**



**10. Remove assembly.**

**11. Installation is in reverse order**