

ALL PARTS ARE TO BE INSTALLED BY A CERTIFIED ASE TECHNICIAN



**2007-2009 Mercedes-Benz R320**

**2006-2013 Mercedes-Benz R320**

**2006-2008 Mercedes-Benz R500**

Airmatic Suspension Front Air Springs

**128M-15-F**

**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.

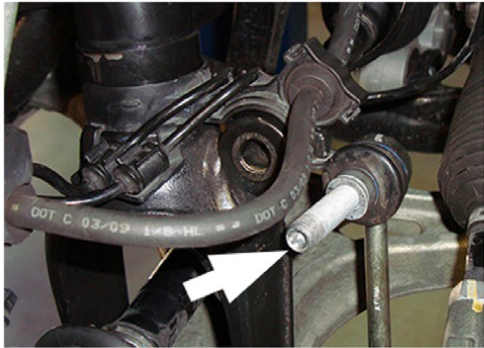


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- 1. Raise vehicle on lifting platform.**
- 2. Remove front wheel.**
- 3. Disconnect the air shock ADS electric cable connector. (Located in fender well).**



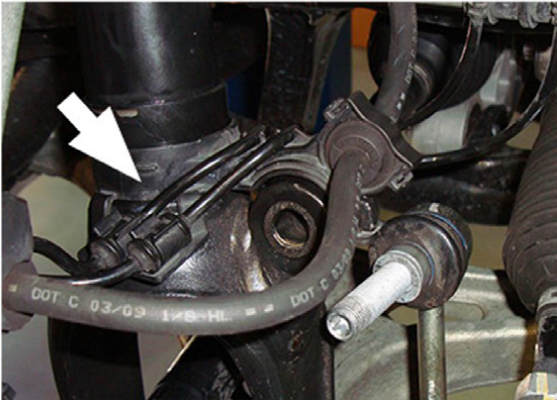
- 4. Disconnect the sway bar arm linkage,**



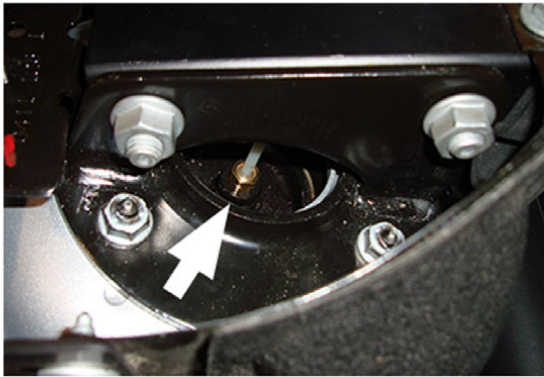
- 5. Remove the lower shock mounting nut and bolt.**



- 6. Remove the ball joint nut and separate from the upper control arm.**



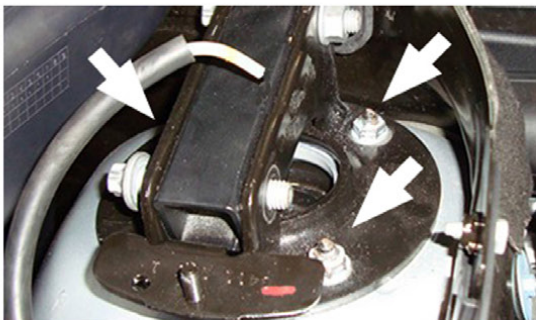
**7. Remove the wire harness mount from shock.**



**8. Disconnect the air line from top of strut.**



**9. Remove the air line fitting. To do this, remove the collet and the remaining fitting will slide off of the air hose.**



**10. Remove the three (3) top flange nuts. Remove strut from vehicle.**



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## Air Spring Removal



- 11. Top on center cap to gain access to metal C-clip. Use flat head screwdriver to remove clip from top retaining groove.**



- 12. Use chanel lock or pliers to remove center cap. Pull towards you to release.**



- 13. Remove top retaining nut and air spring. Remove round and flat rubber rubber o-rings.**

- 14. Slide air spring off of shock.**



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**15. Install flat rubber ring then round o-ring down the shock. Lubricate new rubber. Slide new air spring over the shock.**



**16. Torque retaining nut.**



**17. Install new rubber o-ring in groove of center cap. Lubricate o-ring.**



**18. Install center cap. Use mallet to seal cap in order to install metal c-clip.**



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**19. Install new air fitting.**

**20. Install in reverse order.**

**21. Once installed, reconnect air line by pushing it in to new fitting.**