



SSA02725N
DI.PA. SPORT REAR AIR SPRING
FOR 2002-2009 MERCEDES-BENZ E-CLASS (AMG)
FOR 2005-2011 MERCEDES-BENZ CLS-CLASS (AMG)



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.*



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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 vehicle owner's 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 SPRING REMOVAL



The air spring(s) contains a solenoid valve. Once inflated, only the "Mercedes DAS Star" diagnostic computer can deflate the air spring(s).

1. Set the steering to straight ahead.
2. Raise the vehicle.
3. Remove the rear wheels. (FIGURES 1, 2)



FIGURE 1



FIGURE 2



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4. Locate and remove the electrical plug from the air springs top mount. (FIGURE 3)



FIGURE 3

5. Locate and remove the air line from the air springs top mount. (FIGURES 4, 5)



FIGURE 4



FIGURE 5

6. Loosen and remove the lower shock mounting nut and bolt. (FIGURE 6)



FIGURE 6



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7. Loosen and remove the rear control arm nut and bolt. (FIGURE 7)



FIGURE 7

8. Dislocate the air spring's top mount from the vehicle. (FIGURE 8)



FIGURE 8

9. Loosen and remove the air spring's lower mounting nut and bolt. (FIGURE 9)



FIGURE 9



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10. Remove factory air spring from the vehicle by disconnecting the factory rubber hose leading from the air spring to the air spring's reservoir. Secure the hose in a suitable location away from any moving parts or components with excessive heat. (FIGURE 10)



FIGURE 10

11. Removal complete.

AIR SPRING INSTALLATION



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



Air spring(s) contain a solenoid valve. Only the "Mercedes-Benz DAS Star" diagnostic computer software can inflate the air spring(s).

1. Installation is in reverse order of air spring removal, with the exception of the secured reservoir hose.



It is recommended to have your vehicle aligned after installation is completed.