



**SSP02594N**  
**DI.PA. SPORT AIR SUSPENSION COMPRESSOR**  
**FOR 2007-2012 MERCEDES-BENZ GL-CLASS (X164)**  
**FOR 2005-2011 MERCEDES-BENZ ML-CLASS (W164)**



**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 SUSPENSION COMPRESSOR REMOVAL**

1. SET STEERING TO STRAIGHT AHEAD.
2. LIFT VEHICLE
3. REMOVE FRONT RIGHT WHEEL.
4. REMOVE THE FASTENERS AND FRONT INNER WHEEL WELL LINER FROM THE VEHICLE TO EXPOSE THE VEHICLES AIR SUSPENSION COMPRESSOR. (FIGURES A, B, C, D)



FIGURE A



FIGURE B

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FIGURE C



FIGURE D

5. LOCATE AND DISCONNECT THE TWO (2) ELECTRICAL CONNECTORS FROM THE COMPRESSOR. (FIGURE E)



FIGURE E

6. LOCATE AND SLOWLY REMOVE THE AIR LINE FROM THE COMPRESSOR. REMOVE THE AIR LINE FITTING FROM THE AIR HOSE AND DISCARD. (FIGURE F)



FIGURE F



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7. LOCATE THE LARGER RUBBER HOSE LEADING TO THE COMPRESSOR. PINCH AND SLIDE THE HOSE CLAMP OFF OF THE AIR FITTING AND REMOVE THE AIR HOSE. (FIGURES G, H)



FIGURE G



FIGURE H

8. LOCATE AND REMOVE THE THREE (3) MOUNTING NUTS TO REMOVE THE COMPRESSOR FROM THE VEHICLE. **NOTE:** FACTORY ISOLATORS WILL BE REUSED IN THE INSTALLATION PROCESS. (FIGURES I, J)



FIGURE I



FIGURE J

9. REMOVAL COMPLETE.

## AIR SUSPENSION COMPRESSOR INSTALLATION



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



*Do not remove the air fitting from the air suspension compressor. Doing so may cause damage and/or void warranty. Remove the white shipping pin from the new air fitting and insert the air line until fully seated.*

1. INSTALLATION IS IN THE REVERSE ORDER OF AIR COMPRESSOR REMOVAL USING FACTORY MOUNTING HARDWARE.