



SSAS2761N
Di.Pa. Sport FRONT AIR STRUT
LAND ROVER RANGE ROVER SPORT W/ VDS (L320)



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.

FRONT AIR STRUT REMOVAL

1. REMOVE FRONT WHEEL TO EXPOSE THE FRONT AIR STRUT. (FIGURES 10-1, 10-2)



FIGURE 10-1



FIGURE 10-2



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2. DISCONNECT THE ELECTRICAL CONNECTOR. (FIGURE 10-3)

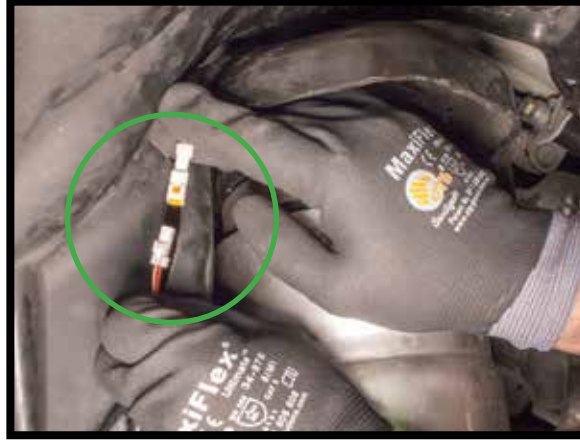


FIGURE 10-3

3. LOOSEN AND REMOVE THE THREE (3) TOP MOUNTING NUTS. (FIGURE 10-4)



FIGURE 10-4

4. LOOSEN AND REMOVE THE LOWER MOUNT NUT. SUPPORT THE AIR STRUT AND REMOVE THE LOWER MOUNT BOLT. (FIGURES 10-5, 10-6)



FIGURE 10-5



FIGURE 10-6



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5. CAREFULLY LOWER THE AIR STRUT TO GAIN ACCESS TO THE AIR LINE. UNTHREAD THE FITTING, REMOVE THE STRUT FROM THE VEHICLE. (FIGURE 10-7)



FIGURE 10-7

6. REMOVE THE AIR STRUT FROM THE VEHICLE. (FIGURE 10-8)



FIGURE 10-8

7. REMOVE THE AIR LINE FITTING FROM THE AIR HOSE AND DISCARD. TO REMOVE THE AIR LINE FITTING, REMOVE THE COLLET AND THE REMAINING FITTING WILL SLIDE OFF OF AIR HOSE. (FIGURE 10-9)



FIGURE 10-9

FRONT AIR STRUT INSTALLATION



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

1. INSTALLATION IS IN REVERSE ORDER OF REMOVAL.