

ALL PARTS ARE TO BE INSTALLED BY A CERTIFIED ASE TECHNICIAN



2005-2009 Land Rover LR3
2010-2016 Land Rover LR4
2006-2013 Range Rover Sport

Air Suspension Passive Air Strut

73R-18-F

Installation Instructions



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.



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.

Front Strut Removal

NOTE:

Only the air spring being removed needs to be depressurized.

NOTE:

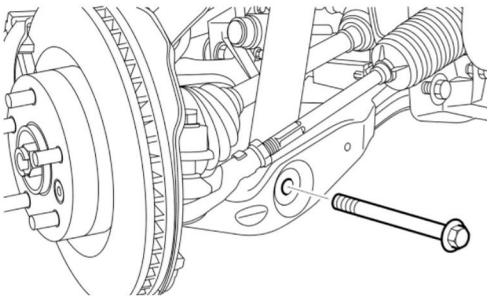
Some variation in the illustrations may occur, but the essential information is always correct.

WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

1. Raise and support the vehicle.

2 Remove the wheel and tire.

3 Using the Land Rover approved diagnostic system, depressurize the air suspension.



4. Disconnect the shock absorber and air spring assembly from the lower arm.

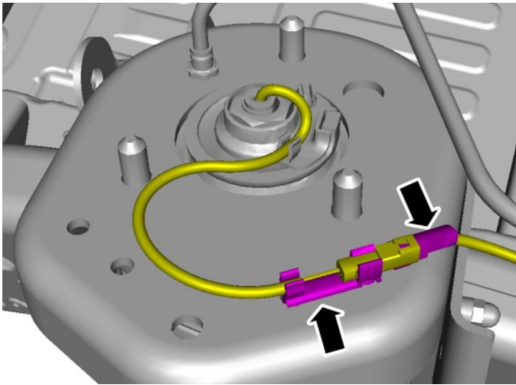
Remove the nut and bolt



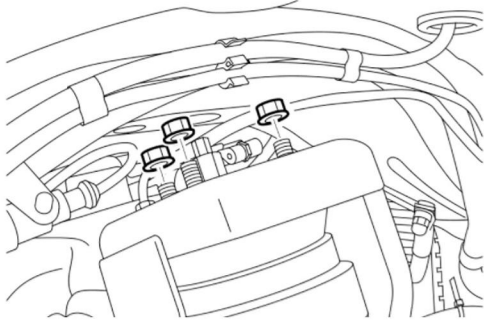
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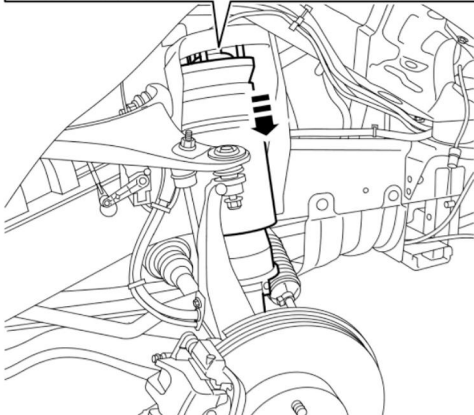
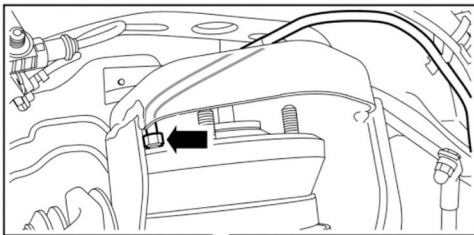
ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.



5. Disconnect the active damping wiring.



6. Release the shock absorber and air spring assembly by removing the 3 nuts.





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CAUTION: Always plug any open connections to prevent contamination.

7. Release the shock absorber and air spring assembly and disconnect the air line.

8. Remove the shock absorber and air spring assembly.

9. Remove the Voss connector from the air line.

10. Remove and discard the collet and the union.

Installation

CAUTION: Make sure the new Voss connector is installed and fully tightened with the alignment plug installed.

1. Install a new Voss connector to the air spring.

2. Tighten to 3.5 Nm (2.6 lb.ft)

3. Install the shock absorber and air spring assembly.

4. Make sure the shock absorber and air spring assembly top mounting to body mating faces are clean.

5. Fit the nuts and tighten to 63 Nm (46 lb.ft).

6. Connect the air line into the Voss connector.



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- 7. Tug on the air line to make sure it is fully installed into the Voss connector.**
- 8. Attach the active damping wiring.**
- 9. Connect the shock absorber and air spring assembly to the lower arm.**
- 10. Tighten the nut and bolt to 300 Nm (221 lb.ft).**
- 11. Using the Land Rover approved diagnostic system, pressurize the air suspension.**
- 12. Install the wheel and tire.**
- 13. Tighten the wheel nuts to 140 Nm (103 lb.ft).**