

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





Front Strut Removal

NOTE:

Only the air spring being removed needs to be depressurized.

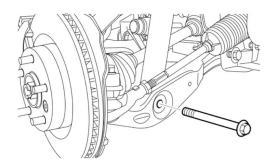
NOTE:

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

ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.

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.

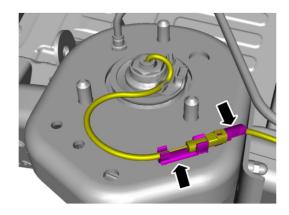


4. Disconnect the shock absorber and air spring assembly from the lower arm.

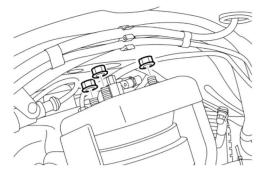
Remove the nut and bolt



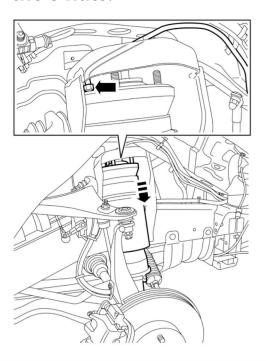
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5. Disconnect the active damping wiring.



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





- 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.



7. Tug on the air line to make sure it is fully installed into the Voss connector.

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- 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).