

TECHNICAL BULLETIN  
LTB00604NAS3  
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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

**This reissue replaces all previous versions. Please destroy all previous versions. Only refer to the electronic version of this Technical Bulletin in TOPIx.**

Changes are highlighted in gray

**SECTION: 204-05**

Front Air Spring / Damper Hydraulic Fluid Leak

**AFFECTED VEHICLE RANGE:**

**Range Rover Sport (LW)**

**Model Year:** 2014 Onwards  
**VIN:** EA000002 Onwards

**Range Rover (LG)**

**Model Year:** 2013 Onwards  
**VIN:** DA001204 Onwards

**MARKETS:**

NAS

**CONDITION SUMMARY:**

**Situation:** A 'knock' sound from one or both front air springs when traveling over speed bumps at low speed may be evident. Upon removal of the air spring and inverting it for a period of approximately one minute, hydraulic fluid is found to flow from the air suspension pipe 'VOSS' connector.

**Cause:** This may be caused by a leak from hydraulic damper chamber of the air spring.

**Action:** Should a customer express this concern, follow the Service Instruction outlined below.

**PARTS:**

|          |   |             |
|----------|---|-------------|
| LR034230 | Bolt (M14 x 120mm)  | Quantity: 2 |
| LR038809 | Nut (M14)   | Quantity: 2 |
| LR057250 | Front right air spring - Range Rover (L405) 3.0L SC, 5.0L NA                              | Quantity: 1 |
| LR057251 | Front right air spring - Range Rover (L405) 5.0L SC                                       | Quantity: 1 |
| LR057252 | Front right air spring - Range Rover Sport (L494) w/Dynamic Response                      | Quantity: 1 |
| LR057253 | Front right air spring - Range Rover Sport (L494) w/Dynamic Response and Adaptive Damping | Quantity: 1 |
| LR057254 | Front right air spring - Range Rover Sport (L494) w/Adaptive Damping                      | Quantity: 1 |
| LR057256 | Front left air spring - Range Rover (L405) 3.0L SC, 5.0L NA                               | Quantity: 1 |
| LR057257 | Front left air spring - Range Rover (L405) 5.0L SC  | Quantity: 1 |
| LR057258 | Front left air spring - Range Rover Sport (L494) w/Dynamic Response                       | Quantity: 1 |

|          |   |             |
|----------|---|-------------|
| LR057259 | Front left air spring - Range Rover Sport (L494)<br>w/Dynamic Response and Adaptive Damping | Quantity: 1 |
| LR057260 | Front left air spring - Range Rover Sport (L494)<br>w/Adaptive Damping                      | Quantity: 1 |

**TOOLS:**

Refer to Workshop Manual for any required special tools.

**WARRANTY:**

**NOTE: Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to TOPIx to obtain the latest repair time.**



**NOTE: DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.**

| DESCRIPTION                     | SRO             | TIME (HOURS) | CONDITION CODE | CAUSAL PART |
|---------------------------------|-----------------|--------------|----------------|-------------|
| Front air spring - Pair - Renew | <b>60.30.33</b> | 1.5          | 42             | LR038800    |



**NOTE: Normal Warranty policies and procedures apply.**

**SERVICE INSTRUCTION:**

**NOTE: If hydraulic fluid is evident at the air suspension pipe 'VOSS' connector, both front dampers should be replaced. If hydraulic fluid is not evident at the air suspension pipe 'VOSS' connector, the concern is not likely to be related to the damper; refer to TOPIx for additional related diagnosis / repair information.**

1. Replace front left and right air springs (see TOPIx Workshop Manual, Section 204-05).