

TECHNICAL BULLETIN  
LTB00604NAS4  
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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  
**VIN:** EA000002-EA354204

**Range Rover (LG)**

**Model Year:** 2013-2014  
**VIN:** DA001204-EA160773

**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 the 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
LR060132	Front right air spring - Range Rover (L405) 3.0L SC, 5.0L NA	Quantity: 1
LR060133	Front left air spring - Range Rover (L405) 3.0L SC, 5.0L NA	Quantity: 1
LR060135	Front right air spring - Range Rover (L405) 5.0L SC	Quantity: 1
LR060137	Front left air spring - Range Rover (L405) 5.0L SC	Quantity: 1
LR060154	Front right air spring - Range Rover Sport (L494) with Dynamic Response	Quantity: 1
LR060155	Front left air spring - Range Rover Sport (L494) with Dynamic Response	Quantity: 1
LR060399	Front right air spring - Range Rover Sport (L494) with Dynamic Response and Adaptive Damping	Quantity: 1
LR060401	Front left air spring - Range Rover Sport (L494) with Dynamic Response and Adaptive Damping	Quantity: 1

LR060402	Front right air spring - Range Rover Sport (L494) with Adaptive Damping	Quantity: 1
LR060403	Front left air spring - Range Rover Sport (L494) with 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	60.30.33	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 must 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).