

TECHNICAL BULLETIN  
LTB00618NAS1  
06 JAN 2014



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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.

**SECTION: 303-01**

'Click' / 'Rattle' Noise From Engine Compartment When Driving

**AFFECTED VEHICLE RANGE:**

**Range Rover Sport (LW)**

**Model Year:** 2014

**VIN:** EA300000-EA308249

**Engine:** V8 S/C 5.0L Petrol

**Range Rover (LG)**

**Model Year:** 2013-2014

**VIN:** DA001204-EA133481

**Engine:** V8 5.0L Petrol  
V8 S/C 5.0L Petrol

**MARKETS:**

NAS

**CONDITION SUMMARY:**



**NOTE:** Refer to Service Instruction steps 1 and 2 for typical road surface that will generate the concern.

**Situation:** Dependant on road conditions, vehicle speed, and driving style, a 'click' / 'rattle' noise may be heard from the engine compartment under the following conditions:

A. A 'click' noise during sharp acceleration or braking at a variety of vehicle temperatures and ambient conditions; may also occur during sharp turns left or right at speeds of 5-15 mph (10-25Kph).

B. A 'rattle' noise when driving over an irregular road surface (cobble stone, bricks, etc. [see Steps 1 and 2 illustrations]) until the road surface changes.

The sound may also be described as a light vibration and can occur at any temperature or ambient condition.



**NOTE:** 'Click' noise is applicable only to Range Rover up to VIN DA121129.



**NOTE:** Refer to Technical Bulletin LTB00557NAS and LTB00573NAS for further assistance in diagnosing noise from front suspension.

**Cause:** This may be caused by the engine mounts.

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

**PARTS:**

LR033201	Bolt - Engine mount (M8x60mm)	Quantity: 8
LR054850	Mount - Engine	Quantity: 2
QYG500090	Bolt - Steering coupling (M8x30mm)	Quantity: 1
TYG500141	Bolt - Front driveshaft (M8x48mm)	Quantity: 6

**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
Engine mounting - Set - Renew - Range Rover Sport 5.0L SC	<b>12.45.20</b>	3.8	42	LR051515
Engine mounting - Set - Renew - Range Rover 5.0L NA	<b>12.45.20</b>	3.7	42	LR051515
Engine mounting - Set - Renew - Range Rover 5.0L SC	<b>12.45.20</b>	3.9	42	LR051515

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

### **SERVICE INSTRUCTION:**

1. Typical road surface that can generate the 'rattle' sound.



E15961

2. Typical road surface that can generate the 'rattle' sound.



E162100

3. Install new left and right engine mountings, (see TOPIx Workshop Manual, Section 303-01).