

TECHNICAL BULLETIN
LTB00553NAS1
05 SEP 2013



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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: 308-07B

Transfer Case Noise

AFFECTED VEHICLE RANGE:

Range Rover (LG)

Model Year: 2013

VIN: DA000010-DA124981

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A rubbing/scraping/drone-type noise and/or a vibration may appear to be evident from the front left-hand corner of the vehicle. The noise may also be described as similar to a brake rubbing or wheel bearing noise and can be variable from vehicle to vehicle. The issue can occur at different speeds/gears and in steady state driving conditions up to 50/60mph (80/100km/h). The noise in most cases is more prominent in second gear coast down, particularly around 12mph (20km/h). To confirm the transfer case is the root cause, the noise can be listened to using a 'Chassis Ear' fixed to front differential right-hand mount.

Cause: This may be caused by a chordal vibration of the transfer case chain on coast/overrun.

Action: Refer to SSM67137, Transfer Case Noise Diagnosis Reference LTB00553NAS1, for a sound file of the noise. Should a customer express this concern, follow the Service Instruction outlined below.

PARTS:

LR049160 Transfer Case Assembly 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
5.0L -Transfer gearbox - renew	41.20.25	3.80	42	LR045477

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

SERVICE INSTRUCTION:

1. Replace the transfer case assembly (see TOPIx Workshop Manual, Section 308-07B).