

TECHNICAL BULLETIN  
LTB00498NAS1  
19 FEB 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**

'Whine' Noise From Transfer Case at High Speeds

**AFFECTED VEHICLE RANGE:**

<b>LR4 (LA)</b>	<b>Model Year:</b>	<b>2011-2012</b>
	<b>VIN:</b>	<b>BA572494-CA650630</b>
<b>Range Rover Sport (LS)</b>	<b>Model Year:</b>	<b>2011-2013</b>
	<b>VIN:</b>	<b>BA288059-DA784343</b>
<b>Range Rover (LM)</b>	<b>Model Year:</b>	<b>2011-2012</b>
	<b>VIN:</b>	<b>BA346534-CA393639</b>

**MARKETS:**

NAS

**CONDITION SUMMARY:**

**Situation:** The transfer case may exhibit a 'whine' noise when driven at speeds above 65mph (105kph).

**Cause:** This may be caused by transfer case chain micro geometry wear.

**Action:** In the event of a customer concern of the above, refer to the Repair Procedure outlined below.

**PARTS:**

LR044897      All variants - Transfer case chain      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
Drive chain - Renew - Transfer case removed - All	<b>41.20.67/01</b>	0.50	42	LR023011
Transfer case - Remove for access and reinstall - LR4	<b>41.20.25.99</b>	2.20	42	LR023011

Transfer case - Remove for access and reinstall - Range Rover Sport	<b>41.20.25.99</b>	2.20	42	LR023011
Transfer case - Remove for access and reinstall - Range Rover	<b>41.20.25.99</b>	2.10	42	LR023011



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

### **REPAIR PROCEDURE:**

1. Install a new transfer case chain (refer to TOPIx Workshop Manual section 308-07B: Transfer Case).