

TECHNICAL BULLETIN
LTB00780NAS2
10 DEC 2015



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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.

Changes are highlighted in gray

SECTION: 303-00

Accessory Drive Belt Idler Pulley 'Humming' Noise

AFFECTED VEHICLE RANGE:

LR4 (LA) Model Year: 2010 Onwards VIN: 510742 Onwards Manufacturing Plant: Solihull	Engine: V6 S/C 3.0L Petrol V8 5.0L Petrol
Range Rover Sport (LW) Model Year: 2014 Onwards VIN: 001154 Onwards Manufacturing Plant: Solihull	Engine: V6 S/C 3.0L Petrol V8 S/C 5.0L Petrol
Range Rover (LG) Model Year: 2013 Onwards VIN: 001204 Onwards Manufacturing Plant: Solihull	Engine: V6 S/C 3.0L Petrol V8 5.0L Petrol V8 S/C 5.0L Petrol
Range Rover Sport (LS) Model Year: 2010-2013 VIN: 702709-814822 Manufacturing Plant: Solihull	Engine: V8 5.0L Petrol V8 S/C 5.0L Petrol
Range Rover (LM) Model Year: 2010-2012 VIN: 303094-360037 Manufacturing Plant: Solihull	Engine: V8 5.0L Petrol V8 S/C 5.0L Petrol

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A 'humming' noise may be evident from the engine at idle.

Cause: This may be caused by dust and/or water ingress to the accessory drive belt idler pulley bearing.

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

PARTS:

LR077672	Idler pulley	Quantity: 1
LR077670	Idler pulley bracket	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
Idler pulley bracket - Renew	05.10.10	0.1	42	LR010689
Idler pulley - Renew - LR4 (L319) - 3.0L SC V6, 5.0L NA V8	12.10.42	0.3	42	LR010689
Idler pulley - Renew - Range Rover Sport (L494) - 3.0L SC V6, 5.0L SC V8	12.10.42	0.3	42	LR010689
Idler pulley - Renew - Range Rover (L405) - 3.0L SC V6, 5.0L SC V8	12.10.42	0.3	42	LR010689
Idler pulley - Renew - Range Rover Sport (L320) - 5.0L NA V8, 5.0L SC V8	12.10.42	0.3	42	LR010689
Idler pulley - Renew - Range Rover (L322) - 5.0L NA V8, 5.0L SC V8	12.10.42	0.3	42	LR010689

△ NOTE: Normal Warranty procedures apply.

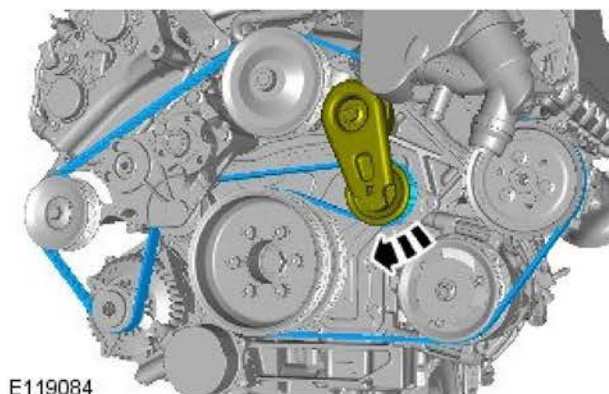
SERVICE INSTRUCTION:

△ NOTE: removal steps in this procedure may contain installation details.

1 Remove the T-connector from the air cleaner outlet pipe (see TOPIx Workshop Manual, section 303-12: Intake Air Distribution and Filtering).

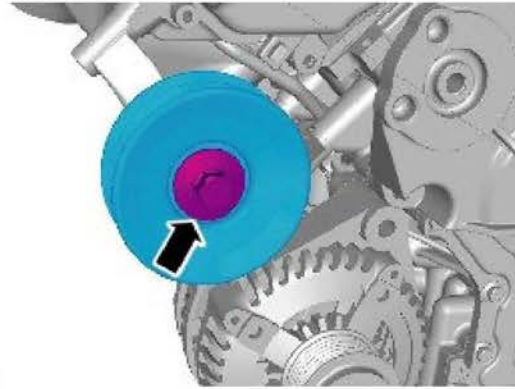
2 **△ NOTE: note the fitted position of the accessory drive belt.**

Loosen the accessory drive belt and remove from the idler pulley.



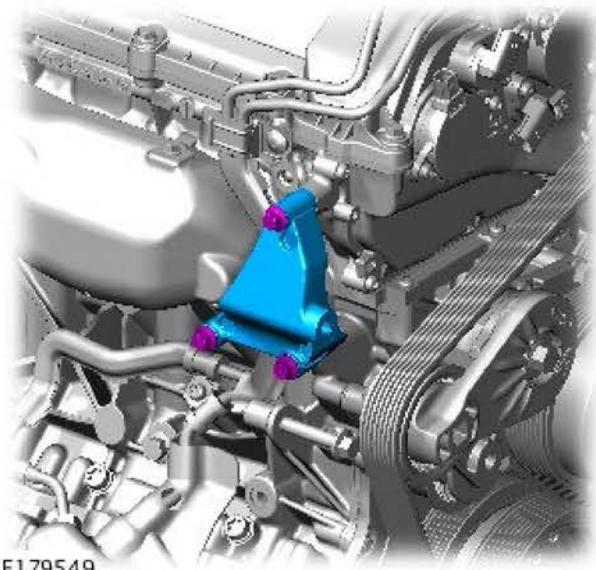
3 Remove the accessory drive belt idler pulley cap.

- Remove and discard the idler pulley.



E119223

- 4 Remove the accessory drive belt idler pulley bracket.



E179549

- 5 Install the new accessory drive belt pulley bracket.

- Torque: 25Nm

- 6 Install the new accessory drive belt idler pulley.

- Torque: 47Nm

- 7  **CAUTION: make sure that the accessory drive belt is correctly located on each pulley.**

To install, reverse the removal procedure.