

TECHNICAL BULLETIN

LTB00780NAS4

23 MAY 2016



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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: 2010-2016
VIN: 510742-821203 V6 S/C 3.0L Petrol /V8 5.0L Petrol
Assembly Plant: Solihull

Range Rover Sport (LW)

Model Year: 2014-2016
VIN: 001154-586560 V6 S/C 3.0L Petrol /V8 S/C 5.0L Petrol
Assembly Plant: Solihull

Range Rover Sport (LW)

Model Year: 2014-2016
VIN: 600009-652354 V6 S/C 3.0L Petrol /V8 S/C 5.0L Petrol
Assembly Plant: Solihull

Range Rover (LG)

Model Year: 2013-2016
VIN: 001204-286493 V6 S/C 3.0L Petrol /V8 5.0L Petrol/V8 S/C 5.0L Petrol
Assembly Plant: Solihull

Range Rover Sport (LS)

Model Year: 2010-2013
VIN: 702709-814822 V8 5.0L Petrol/V8 S/C 5.0L Petrol
Assembly Plant: Solihull

Range Rover (LM)

Model Year: 2010-2012
VIN: 303094-360037 V8 5.0L Petrol/V8 S/C 5.0L Petrol
Assembly Plant: Solihull

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:

LR086058	Idler pulley	1
LR077670	Idler pulley bracket	1

TOOLS:

Refer to Workshop Manual/Service Instruction 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	12.10.42	0.3	42	LR010689

 **NOTE:** Normal Warranty procedures apply.

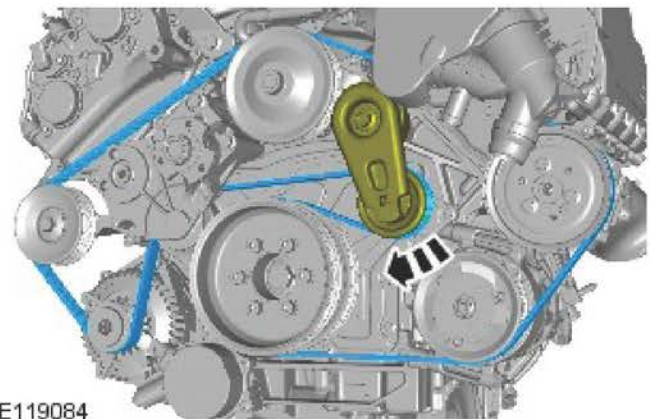
SERVICE INSTRUCTION:

 **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.



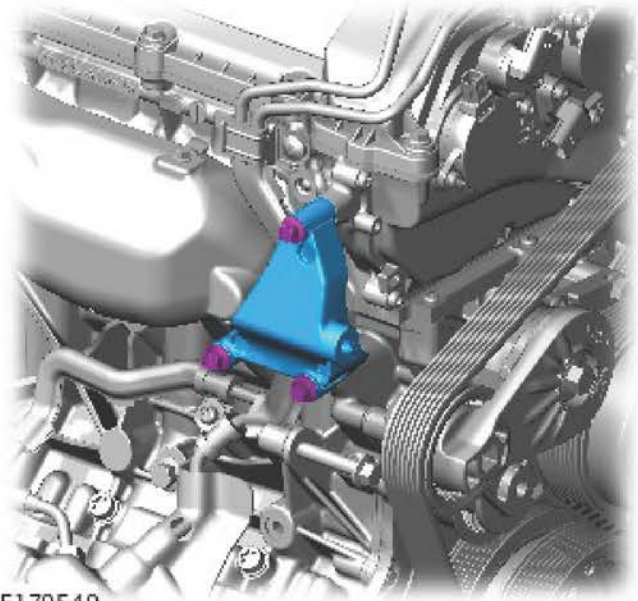
3. Remove the accessory drive belt idler pulley cap.

- Remove and discard the idler pulley.




4. Remove the accessory drive belt idler pulley.

- Remove the accessory drive belt idler pulley bracket.



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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.