

TECHNICAL BULLETIN

LTB00780NAS1

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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: 303-00

Primary Drive Belt Idler Pulley 'Humming' Noise

AFFECTED VEHICLE RANGE:

LR4 (LA)

Model Year: 2010 Onwards
VIN: 510742 Onwards
Manufacturing Plant: Solihull

Engine: V8 5.0L Petrol

Range Rover Sport (LW)

Model Year: 2014 Onwards
VIN: 000002 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: 2011-2012
VIN: 334433-360037
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 when the engine is idling.

Cause: This may be caused by dust and/or water ingress to the primary 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) - 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.

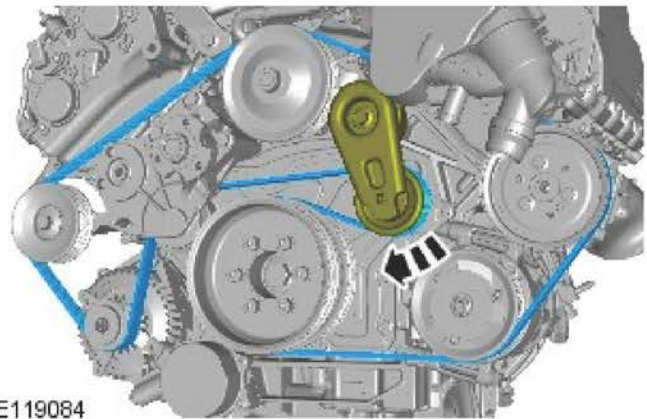
SERVICE INSTRUCTION:

△ 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).

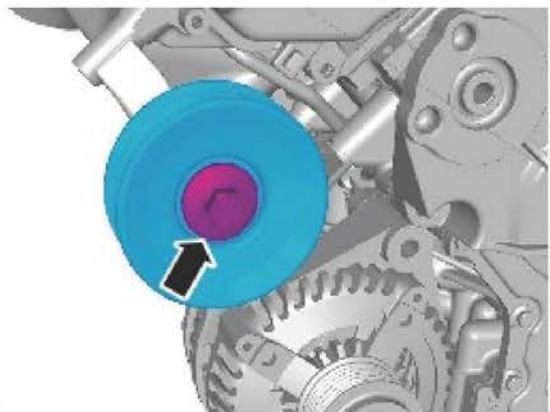
2 **△ NOTE: note the fitted position of the primary drive belt.**

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

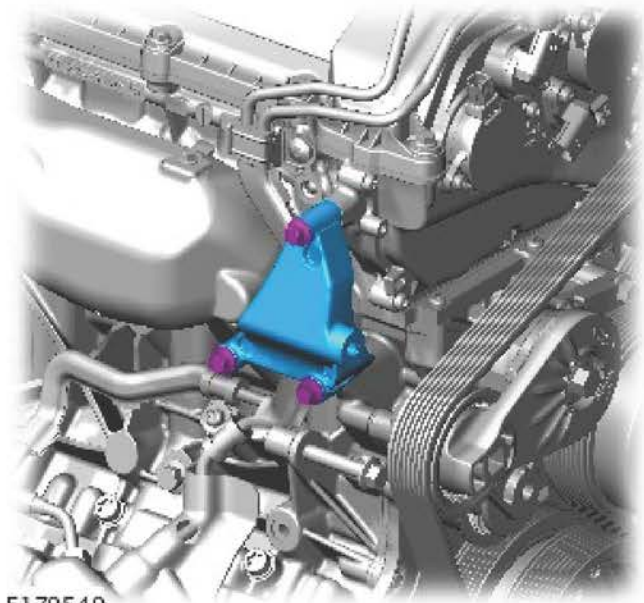


3 Remove the primary drive belt idler pulley cap.

- Remove and discard the idler pulley.



- 4 Remove the primary drive belt idler pulley bracket.



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- 5 Install the new primary drive belt pulley bracket.

- Torque: 25Nm

- 6 Install the new primary drive belt idler pulley.

- Torque: 47Nm

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

To install, reverse the removal procedure.