



LTB01145NAS3

TECHNICAL BULLETIN

26 NOV 2018

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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.

INFORMATION

This reissue replaces all previous versions. Please destroy all previous versions.

Changes are highlighted in blue

SECTION:

303-01B: Engine - INGENIUM I4 2.0L Petrol

SUBJECT/CONCERN:

Rattle From Engine Timing Chain Area

AFFECTED VEHICLE RANGE:

MODEL:**MODEL YEAR:****VIN:****APPLICABILITY:**

MODEL:	MODEL YEAR:	VIN:	APPLICABILITY:
Discovery Sport (LC)	2018	721851-746001	INGENIUM I4 2.0L Petrol
Range Rover Evoque (LV)	2018	265969-293366	INGENIUM I4 2.0L Petrol
Range Rover Velar (LY)	2018	700014-742418	INGENIUM I4 2.0L Petrol

MARKETS:

NORTH AMERICA

CONDITION SUMMARY:

SITUATION:

A rattle noise may be evident from the engine compartment and/or the engine MIL (Malfunction Indicator Lamp) may be illuminated on the Instrument Cluster. Upon further investigation, Diagnostic Trouble Codes (DTCs) P052A-00, P0011-71, and/or P000A-00 are found stored in the Powertrain Control Module (PCM).

CAUSE:

This may be caused by a Variable Camshaft Timing (VCT) unit internal seal that is below specification.

ACTION:

Should a customer express concern, follow the Workshop Procedure below.

PARTS:

PART NUMBER	DESCRIPTION	QUANTITY
LR091759	Intake Camshaft VCT Unit	1
LR091809	Gasket (s) - Timing Cover	1
LR095784	O-ring	2
LR091743	Timing Chain Tensioner	1
LR091750	Bolt(s) - VCT Unit	1

PART NUMBER	DESCRIPTION	QUANTITY
LR091801	Plug(s) - Timing Cover Blanking	1
STC50550	Sealant	1
LRN2279	Coolant	2

TOOLS:

Refer to Workshop Manual for any required special tools.

WARRANTY:

NOTES:

- 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 JLR claims submission system to obtain the latest repair time.
- The JLR Claims Submission System 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
Variable Valve Timing Actuator - Single - Renew - Discovery Sport (L550), Range Rover Evoque (L538)	12.66.29	2.1	42	LR091759
Variable Valve Timing Actuator - Single - Renew - Range Rover Velar (L560)	12.66.29	2.8	42	LR091759

NOTE:

Normal Warranty procedures apply.

WORKSHOP PROCEDURE 'A': RANGE ROVER VELAR (L560) ONLY

- 1 Replace the Variable Camshaft Timing (VCT) actuator (see the TOPIx Workshop Manual section 303-01B: Engine - INGENIUM I4 2.0L Petrol - Removal and Installation - Variable Camshaft Timing Actuator).