

N481NAS2



TECHNICAL BULLETIN

22 DEC 2020

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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:

303-14

SUBJECT/CONCERN:

Service Action: Variable Camshaft Timing (VCT) Solenoids

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:	APPLICABILITY:
Discovery Sport (LC)	2018-2020	708388-833740	INGENIUM I4 2.0L Petrol
New Range Rover Evoque (LZ)	2020	000181-041625	INGENIUM I4 2.0L Petrol

MODEL:	MODEL YEAR:	VIN:	APPLICABILITY:
Range Rover Evoque (LV)	2018-2019	255258-354248	INGENIUM I4 2.0L Petrol
Range Rover Velar (LY)	2018-2019	700192-799996	INGENIUM I4 2.0L Petrol
Range Rover Velar (LY)	2019-2020	200041-244374	INGENIUM I4 2.0L Petrol
Range Rover Sport (LW)	2018	162191-166281	INGENIUM I4 2.0L Petrol - PHEV
Range Rover Sport (LW)	2019	807145-846249	INGENIUM I4 2.0L Petrol - PHEV
Range Rover (LG)	2018	361214-364168	INGENIUM I4 2.0L Petrol - PHEV
Range Rover (LG)	2019	509423-523709	INGENIUM I4 2.0L Petrol - PHEV

MARKETS :

CANADA; USA

CONDITION SUMMARY :

SITUATION:

A potential issue has been identified on Land Rover certain vehicles with the INGENIUM I4 2.0L Petrol engine within the listed Affected Vehicle Range which may exhibit one or more of the following:

- Driveability flat spots;

- Malfunction Indicator Lamp (MIL) illuminated with Variable Camshaft Timing (VCT) Diagnostic Trouble Code(s) (DTC) stored in the Powertrain Control Module (PCM);
- Increased induction noise while driving; and/or
- A small reduction in performance.

ACTION:

Retailers are required to HOLD affected new vehicles that are within your control and refrain from releasing the vehicles for new vehicle sale pending completion of the procedure(s) detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process but must have it completed prior to vehicle handover to the customer.

Affected vehicles already in the hands of customers should be updated at the next available opportunity.

PARTS INFORMATION:

NOTE:

Use the Vehicle Identification Number (VIN) and the Electronic Parts Catalogue (EPC) to confirm part number(s) necessary to perform repairs.

DESCRIPTION	PART NUMBER	QUANTITY
VCT solenoid	LR126832	2
Range Rover Sport, Range Rover only Engine compartment brace - Bolt	LR037935	8

WARRANTY INFORMATION:

NOTE:

Use the Jaguar Land Rover claims submission system to make sure that a vehicle is eligible for this Program prior to undertaking any rework action.

At the time of confirming a booking for vehicle repair, make sure that all open Recall and Service Actions are identified to make sure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting the Program Code and the relevant Option Code; this will result in payment of the stated time. The SRO and parts information is included for information only. The Option Code(s) that allows for the drive in/drive out allowance may only be claimed if the vehicle is brought back into the workshop for this action alone to be undertaken.

Repair procedures are under constant review and therefore times/prices are subject to change; those quoted here must be taken as guidance only. Use TOPIx to obtain the latest repair time.

This program is valid for a limited time only. Warranty claims with a repair date prior to the October 31, 2022 closure date must be submitted or payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PART NUMBER	QUANTITY
N481	Discovery Sport, Range Rover Evoque, Range Rover Velar A	Variable Camshaft Timing Solenoid - Engine Set - Renew	18.31.51	Discovery Sport: 0.3 Range Rover Evoque: 0.3 Range Rover Velar: 0.6	LR126832	2

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)	PART NUMBER	QUANTITY
N481	Discovery Sport, Range Rover Evoque, Range Rover Velar B	Variable Camshaft Timing Solenoid - Engine Set - Renew	18.31.51	Discovery Sport: 0.3 Range Rover Evoque: 0.3 Range Rover Velar: 0.6 All: 0.2	LR126832	2
		Drive in/drive out	02.02.02		-	-
N481	Range Rover Sport, Range Rover C	Variable Camshaft Timing Solenoid - Engine Set - Renew	18.31.51	0.8	LR126832 LR037935	2 8
N481	Range Rover Sport, Range Rover D	Variable Camshaft Timing Solenoid - Engine Set - Renew	18.31.51	0.8	LR126832 LR037935	2 8
		Drive in/drive out	02.02.02	0.2	-	-

Normal Warranty policies and procedures apply.

SERVICE INSTRUCTION:

1. Renew both VCT solenoids (see TOPIx Workshop Manual section 303-14: Electronic Engine Controls - INGENIUM I4 2.0L Petrol - Remove and Installation - Variable Camshaft Timing Solenoid).