

N622NAS1

TECHNICAL BULLETIN

07 FEB 2022



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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:

100-00

SUBJECT/CONCERN:

Emissions Recall - Secondary Fuel Adaptions

AFFECTED VEHICLE RANGE:

MODEL:

MODEL YEAR:

VIN:

MODEL:	MODEL YEAR:	VIN:
Discovery Sport (LC)	2018	688251-778788
Range Rover Evoque (LV)	2018	255258-324533
Range Rover Velar (LY)	2018	700272-778647

MARKETS:

USA

CONDITION SUMMARY:

SITUATION:

An Issue has been identified on certain 2018 model year Discovery Sport, Range Rover Evoque and Range Rover Velar, vehicles equipped with Ingenium I4 2.0L petrol engines.

A Powertrain Control Module (PCM) software diagnostic monitoring routine contains a software error. Normal vehicle operation requires the Malfunction Indicator Lamp (MIL) to illuminate when the fueling adaption values are between 0.07% to 0.08% and -0.07% to -0.08% and a Diagnostic Trouble Codes (DTC) is set. With the software error present, the MIL will not illuminate as required.

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:

NOTES:

- An allowance of \$1.06 USD for the authorized modification label has been provided and should be claimed using code 'ZZZ999'.
- ** Order quantity of '1-100' will ship as 1 pack of 100 labels.
- *** Order quantity of '1' is 1 pack of 25 certificates.

DESCRIPTION	PART NUMBER	QTY
Authorized modification label	LRN0002LABEL	1**
CA vehicle emission recall - Proof of correction certificate (California-registered vehicles only)	JLM21849	1***

SPECIAL TOOLS INFORMATION:

Refer to TOPIx Workshop Manual/Service Instruction(s) for any required special tools.

SROS

DESCRIPTION	SRO	TIME
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DESCRIPTION	SRO	TIME
PCM - Update ECU	85.18.03	0.2
Drive in/drive out	02.02.02	0.2

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.

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 should be submitted quoting program code N622 with the relevant option code from the table below. As option codes are used there is no requirement for you to enter SROs or parts, these are included for information only. This program is valid for a limited time only. Warranty claims must be submitted for payment within 30 calendar days of completion of the repair

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME	SUNDRY CODE	\$VALUE
N622	A	PCM - Update ECU	85.18.03	0.2	ZZZ999	\$1.06

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME	SUNDRY CODE	\$VALUE
N622	B	PCM- Update ECU	85.18.03	0.2	ZZZ999	\$1.06
		Drive in/drive out	02.02.02	0.2		

NOTE:

The option that contains the drive in/drive out allowance may only be claimed when the vehicle has been brought back into the workshop for this action alone to be undertaken.

Warranty claims should be submitted in accordance with the current Jaguar Land Rover (JLR) Global Warranty Manual, and its amendments, unless stated otherwise in this bulletin.

CUSTOMER REIMBURSEMENT AND RELATED DAMAGE PROCESS

If a customer has indicated that they have already paid for this concern as a normal retail repair (vehicle outside warranty period), a copy of the repair invoice must be produced as proof of the repair. The retailer must directly reimburse the customer and a claim for recovery of this cost should be made using the related damage procedure.

The related damage procedure should also be used to reimburse retailers for any additional ancillary parts or service operations not listed in this bulletin that were required to complete the repair.

Claims for related damages can only be made when this bulletin has been paid/accepted.

Claims should be submitted quoting program code N622 and by clicking the 'Related Damage' radio button on the claim submission screen. The warranty claim for reimbursement should be submitted using option code XX as detailed in the table shown below and entering the cost to be reimbursed against the sundry code of 'ZZZ999'. For any ancillary parts, add relevant details in the table. All costs should be entered in local currency.

PROGRAM CODE	OPTION	DESCRIPTION	PART NO.	SRO	SUNDRY	VALUE
N622	XX	Reimbursement to owner	As required	As required	ZZZ999	Retailer entered

A copy of the invoice must be attached to the repair order for Warranty Audit purposes.

A brief comment should be entered in the 'Technician Comments' field on the claim to itemize and explain the charges.

Only vehicles eligible for Service Action N622 are included in this process. Only one claim per vehicle for related damages will be accepted.

DIAGNOSTIC INSTRUCTION

1. **CAUTIONS:**
 - This procedure requires a minimum of Pathfinder 361 installed or later.
 - All ignition ON/OFF instructions must be followed. Failure to complete these instructions may cause damage to the vehicle control modules.

NOTE:

The JLR approved diagnostic equipment will read the Vehicle Identification Number (VIN) for the vehicle and automatically take the vehicle out of 'Transportation Mode' if required.

Connect the JLR approved battery support unit.

2. Connect the JLR approved diagnostic equipment to the vehicle and begin a new session.
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3. Follow the JLR approved diagnostic equipment prompts.
 - Select 'ECU Diagnostics'.
 - Select 'Powertrain Control Module.'PCM'.
 - Select 'Update ECU'.
 - Follow all on-screen instructions to complete the task.

4. If required, reset the vehicle to 'Transportation Mode'.

5. When all of the tasks are complete, exit the session.

6. Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.

SERVICE INSTRUCTION

1. Install a completed authorized modification label to the radiator support panel.

2. Close the hood.

3.

NOTE:
California registered vehicles only.

Provide the customer with a completed CA proof of correction certificate at vehicle handover.