



SAFETY RELATED RECALL

Global Recall Action
Number: N763v3

Changes are highlighted in blue

Subject: Camshaft Carrier Drill Hole	Publication No.: N763v3
	Model: Range Rover (LK)
	Model Year: 2023
	Model: Range Rover Sport (L1)
	Model Year: 2023
	Model: Discovery (LR)
	Model Year: 2022 - 2023
	Model: Defender (LE)
	Model Year: 2020 - 2023
	Model: Range Rover Velar (LY)
	Model Year: 2023 - 2024
	Model: Range Rover (LG)
	Model Year: 2020 - 2022
	Model: Range Rover Sport (LW)
Model Year: 2019 - 2022	
Date of Issue: 18 May 2023	

To:	All National Sales Companies (NSCs), importers, retailers and authorized repairers.
For the Attention of:	The approved Jaguar Land Rover (JLR) retailer/authorized repairer.
Important:	<p>NOTE: The information in this campaign is intended for use by professional technicians. If you are not a JLR retailer/authorized repairer, do not assume that a condition described affects a specific vehicle. Contact an authorized JLR retailer/authorized repairer to determine if this campaign applies to a specific vehicle.</p> <p>This Safety Recall supersedes Update Prior to Sale Notice 8522-6 with immediate affect.</p> <p>This bulletin is being re-issued to add additional information to the retailer bulletin and the customer letter.</p> <p>Vehicles which PASS the inspection procedure: Release with no further action.</p> <p>Vehicles with LESS than 500 miles, which FAIL the inspection procedure: Renew the camshaft carrier only.</p> <p>Vehicles with MORE than 500 miles, which FAIL the inspection procedure and DO NOT display signs of excessive oil consumption AND DO NOT have an oil pressure warning lamp illuminated on the instrument panel cluster: Renew the camshaft carrier, catalytic converter, Gasoline Particulate Filter (if installed) and exhaust oxygen sensors.</p> <p>Vehicles with MORE than 500 miles, which FAIL the inspection procedure and DO display signs of excessive oil consumption AND DO have an oil pressure warning lamp illuminated on the instrument panel cluster: Renew the engine, catalytic converter, Gasoline Particulate Filter (if installed) and exhaust oxygen sensors.</p> <p>See the SERVICE INSTRUCTION section for further information.</p>

FOR THE ATTENTION OF ALL:

DESCRIPTION OF ISSUE AND THE EFFECT ON VEHICLE OPERATION

A potential concern has been identified on specific vehicles within the above vehicle range.

A concern has been identified on certain 2020 - 2023 model year Range Rover and Defender, 2022 - 2023 model year Discovery, 2019 - 2023 model year Range Rover Sport and 2023 - 2024 model year Range Rover Velar Ingenium I6 3.0L Petrol vehicles where for a small number of engines, the camshaft carrier oil gallery hasn't been fully drilled. As a result, the oil channel could be blocked, leading to accumulation of oil against the pressure control valve rubber membrane, and subsequently an external oil leak or increased oil carryover into the air intake system.

In the event of a blockage, oil can accumulate against the engine pressure control valve rubber membrane, and subsequently an external oil leak or increased oil carryover into the air intake system can occur. An external oil leak may lead to an engine compartment fire.

ACTION TO BE TAKEN

JLR has taken the decision to recall affected vehicles to repair the vehicle.

Following procedures appropriate to your market and as required by local legislation, owners of affected vehicles should be contacted requesting that the owner contact their nearest retailer/authorized repairer as soon as possible to arrange for the repair to be completed. The National Sales Companies (NSCs), Importer, Regional Office or Government agency will contact the customers. If you have any questions about this process, please contact your NSC/Importer or Regional Office for more information.

Check the JLR Warranty Portal to make sure affected vehicles are correctly identified prior to starting this campaign. The Warranty Portal will be updated to reflect only those vehicles affected.

Retailers/authorized repairers are reminded that they must not sell vehicles identified as affected by this campaign until such time as the repair has been successfully completed.

An owner may indicate that a repair has already been completed for this concern, in which case the full cost of the repair should be reimbursed. Refer to the warranty section of this campaign for details of the Customer Reimbursement and Related Damage Process. At the time of confirming a booking for a vehicle repair, make sure you check the Warranty Portal to confirm if there are any other outstanding campaigns, to make sure the correct parts are available and adequate workshop time is allocated for repairs to be completed in one visit.

For information purposes, a Technical Question and Answer document is attached.

FOR THE ATTENTION OF NORTH AMERICAN TERRITORIES ONLY:

National Highway Traffic Safety Administration (NHTSA) reference number: 23V-044

Transport Canada (TC) reference number: 2023-039

Visit the British Brands Sales Suite (BBSS) website for a list of affected vehicles at your retailer/authorized repairer. Unsold vehicles must be repaired prior to handover of the vehicle for retail sale.

REGULATORY INFORMATION

Jaguar Land Rover North America, LLC and Jaguar Land Rover Canada ULC have informed the National Highway Traffic Safety Administration (NHTSA) and Transport Canada (TC) of their intent to perform a Safety Recall on certain 2020-2023 model year Range Rover and Defender, 2019-2023 model year Range Rover Sport, 2022-2023 model year Discovery, 2023 model year Range Rover Velar vehicles imported into the United States and Canadian markets. Information relating to this Safety Recall will be posted on the NHTSA and TC websites. United States Federal regulations require that retailers/authorized repairers must be notified within a reasonable time after the manufacturer decides that a defect that relates to motor vehicle safety or a non-compliance exists. United States Federal Law requires retailers/authorized repairers to complete any outstanding Safety Recall before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a retailer/authorized repairer, in the USA only, could result in a maximum civil penalty of up to the equivalent of \$26,315.00 USD per violation and the equivalent of \$131,564,183.00 USD for a related series of violations. This Safety Recall serves as notification to all retailers/authorized repairers in the United States and Federalized Territories and Canada that any affected new vehicles may not be sold and delivered for customer use until the Safety Recall repair is completed.

Jaguar Land Rover North America, LLC and Jaguar Land Rover Canada ULC recommends that affected sales demonstrator and loaner vehicles are repaired before use, and that used vehicles are repaired before sale. Retailers/authorized repairers who choose to proceed against this recommendation, where legally permitted, must clearly and conspicuously disclose the open Safety Recall notice to the applicable customers.

Yours faithfully

Steve Oldham

Global Customer Care Quality Director

SERVICE INSTRUCTION - N763V3

THE FOLLOWING SECTION IS FOR ALL VEHICLES WHICH PASS THE SERVICE INSPECTION AND ALSO VEHICLES WITH LESS THAN 500 MILES THAT FAIL THE SERVICE INSPECTION. SEE THE SERVICE INSTRUCTION SECTION FOR FURTHER INFORMATION.

PARTS INFORMATION - THE BELOW PARTS MUST BE RENEWED

The parts below should be ordered through JLR in the normal manner.

*When ordering parts, order no more than the expected percentage failure rate of parts identified.

NOTE:

The 2 radiator coolant hose retaining clips listed below must be renewed if damaged during removal.

Model	Description	Part No.	Qty.	% Of vehicles requiring this part*
All	Camshaft carrier gasket	LR121760	1	2
All	Camshaft carrier	LR166794	1	2
All	Upper timing chain cover gasket	LR121753	1	2
All	Upper timing chain tensioner	LR121800	1	2
All	Continuous Variable Valve Lift (CVVL) gasket	LR121761	1	2
All	Fuel injector install kit	LR105428	6	2
All	Engine vent oil separator gasket	LR178889	1	2
Range Rover (LK) Range Rover Sport (L1) Range Rover (LG) Range Rover Sport (LW) Discovery Defender	Exhaust gasket	LR162995	1	2
Range Rover (LK) Range Rover Sport (L1) Range Rover (LG) Range Rover Sport (LW) Discovery Defender	Variable Camshaft Timing (VCT) solenoid seal	LR148214	2	2
Range Rover (LK) Range Rover Sport (L1) Range Rover (LG) Range Rover Sport (LW) Discovery Defender	Radiator coolant hose retaining clip	LR175780	2	2

PARTS INFORMATION - THE PARTS BELOW MUST BE RE-INSTALLED - DO NOT DISCARD THE BELOW PARTS

Description	Part No.
Camshaft Position Sensor (CMP) O-rings	LR095781
VCT bolts	LR135872
Center upper timing chain guide	LR121802
Left upper timing chain guide	LR121801
Center upper timing chain guide M6 bolts	LR073655
Left upper timing chain guide M8 bolt	LR123057
Blanking plug	LR073789
Oil filler neck O-ring	LR133542
High Pressure (HP) fuel pump bolts	LR128483
HP fuel pump O-ring	LR010861

Description	Part No.
Exhaust M8 nuts	RYH500350 / WYH500060
Fuel rail bolts	LR128535

SROs

Model	Engine	Description	SRO	Time
All	All	Inspect camshaft carrier - No further action	05.10.10	0.1
Range Rover (LK)	Ingenium I6 3.0L petrol Plug-in Hybrid Electric Vehicle (PHEV)	Inspect and renew camshaft carrier	12.13.49	8.8
Range Rover (LK) - Right hand drive	Ingenium I6 3.0L petrol Mild Hybrid Electric Vehicle (MHEV)	Inspect and renew camshaft carrier	12.13.49	12.6
Range Rover (LK) - Left hand drive	Ingenium I6 3.0L petrol MHEV	Inspect and renew camshaft carrier	12.13.49	12.8
Range Rover Sport (L1)	Ingenium I6 3.0L petrol PHEV	Inspect and renew camshaft carrier	12.13.49	8.7
Range Rover Sport (L1) - Right hand drive	Ingenium I6 3.0L petrol MHEV	Inspect and renew camshaft carrier	12.13.49	12.7
Range Rover Sport (L1) - Left hand drive	Ingenium I6 3.0L petrol MHEV	Inspect and renew camshaft carrier	12.13.49	12.9
Range Rover (LG)	All	Inspect and renew camshaft carrier	12.29.43	11.8
Range Rover Sport (LW)	All	Inspect and renew camshaft carrier	12.29.43	11.8
Discovery	All	Inspect and renew camshaft carrier	12.13.49	12.2
Defender	All	Inspect and renew camshaft carrier	12.13.49	11.6
Range Rover Velar	All	Inspect and renew camshaft carrier	12.13.49	8.8
All	All	Drive in/drive out	02.02.02	0.2

Warranty Information

Warranty claims should be submitted quoting program code N763 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.

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
N763	A	All	Inspect camshaft carrier - No further action	05.10.10	0.1	N/A	N/A
N763	B	All	Inspect camshaft carrier - No further action Drive in/drive out	05.10.10 02.02.02	0.1 0.2	N/A	N/A
N763	C	Range Rover (LK) Range Rover Sport (L1) Range Rover (LG) Range Rover Sport (LW) Discovery Defender	Inspect and renew camshaft carrier	12.13.49	See above	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR162995 LR148214 LR175780	1 1 1 1 1 6 1 1 2 2
N763	D	Range Rover (LK) Range Rover Sport (L1) Range Rover (LG) Range Rover Sport (LW) Discovery Defender	Inspect and renew camshaft carrier Drive in/drive out	12.13.49 02.02.02	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR162995 LR148214 LR175780	1 1 1 1 1 6 1 1 2 2
N763	E	Range Rover Velar	Inspect and renew camshaft carrier	12.13.49	See above	LR121760 LR166794 LR121753 LR121800 LR121761	1 1 1 1 1

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
						LR105428 LR178889	6 1
N763	F	Range Rover Velar	Inspect and renew camshaft carrier Drive in/drive out	12.13.49 02.02.02	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889	1 1 1 1 1 6 1

 **NOTES:**

- 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.
- 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.

THE FOLLOWING SECTION IS FOR VEHICLES WITH MORE THAN 500 MILES THAT FAIL THE SERVICE INSPECTION AND DO NOT DISPLAY SIGNS OF EXCESSIVE OIL CONSUMPTION AND DO NOT HAVE AN OIL PRESSURE WARNING LAMP ILLUMINATED ON THE INSTRUMENT PANEL CLUSTER. SEE THE SERVICE INSTRUCTION SECTION FOR FURTHER INFORMATION.

PARTS INFORMATION - THE BELOW PARTS MUST BE RENEWED

The parts below should be ordered through JLR in the normal manner.

*When ordering parts, order no more than the expected percentage failure rate of parts identified.

 **NOTE:**

The 2 radiator coolant hose retaining clips listed below must be renewed if damaged during removal.

Model	Description	Part No.	Qty.	% Of vehicles requiring this part*
All	Camshaft carrier gasket	LR121760	1	2
All	Camshaft carrier	LR166794	1	2
All	Upper timing chain cover gasket	LR121753	1	2
All	Upper timing chain tensioner	LR121800	1	2
All	CVVL gasket	LR121761	1	2
All	Fuel injector install kit	LR105428	6	2
All	Engine vent oil separator gasket	LR178889	1	2
All	CMP O-rings	LR095781	2	2
All	VCT bolts	LR135872	2	2
All	Center upper timing chain guide	LR121802	1	2
All	Left upper timing chain guide	LR121801	1	2
All	Center upper timing chain guide M6 bolts	LR073655	2	2
All	Left upper timing chain guide M8 bolt	LR123057	1	2
All	Blanking plug	LR073789	1	2
All	Oil filler neck O-ring	LR133542	1	2
All	HP fuel pump bolts	LR128483	2	2
All	HP fuel pump O-ring	LR010861	1	2
All	Fuel rail bolts	LR128535	6	2
Range Rover (LK) Range Rover Sport (L1) Range Rover (LG) Range Rover Sport (LW) Discovery Defender Range Rover Velar	Turbocharger clamp	LR178970	1	2

Model	Description	Part No.	Qty.	% Of vehicles requiring this part*
Range Rover (LK) Range Rover Sport (L1) Range Rover Velar	Exhaust gasket	LR162995	1	2
Range Rover (LK) Range Rover Sport (L1) Range Rover (LG) Range Rover Sport (LW) Range Rover Velar Discovery Defender	Turbocharger outlet gasket	LR121356	1	2
Range Rover (LK) Range Rover Sport (L1) Range Rover (LG) Range Rover Sport (LW) Range Rover Velar Discovery Defender	VCT solenoid seal	LR148214	2	2
Range Rover (LK) Range Rover Sport (L1) Range Rover (LG) Range Rover Sport (LW) Discovery Defender	Radiator coolant hose retaining clip	LR175780	2	2
Range Rover (LK) Range Rover Sport (L1)	Catalytic converter	LR162991	1	2
Range Rover Velar	Catalytic converter	LR180732	1	2
Discovery Defender Range Rover (LG) Range Rover Sport (LW)	Catalytic converter assembly	LR162988	1	2
Range Rover (LK) Range Rover Sport (L1)	Gasoline Particulate Filter (GPF) (ROW)	LR152520	1	2
Range Rover Velar	GPF (ROW)	LR180730	1	2
Range Rover (LK) Range Rover Sport (L1)	Secondary catalytic converter (NAS)	LR152519	1	2
Range Rover Velar	Secondary catalytic converter (NAS)	LR162156	1	2
All	Pre-catalyst heated oxygen sensor	LR137721	1	2
Range Rover (LK) Range Rover Sport (L1) Defender (to 023991)	Mid-catalyst heated oxygen sensor	LR137519	1	2
Defender (from 023992)	Mid-catalyst heated oxygen sensor	LR180950	1	2
Discovery Range Rover (LG) Range Rover Sport (LW)	Mid-catalyst heated oxygen sensor	LR122057	1	2
Range Rover Velar	Mid-catalyst heated oxygen sensor	LR141652	1	2
Range Rover (LK) Range Rover Sport (L1)	Post-catalyst heated oxygen sensor	LR181152	1	2
Defender Discovery Range Rover (LG) Range Rover Sport (LW)	Post-catalyst heated oxygen sensor	LR122058	1	2
Range Rover Velar	Post-catalyst heated oxygen sensor	LR141656	1	2
Range Rover (LK) Range Rover Sport (L1) Range Rover Velar	Exhaust M8 nuts	WYH500060	3	2

SROs

Model	Engine	Description	SRO	Time
Range Rover (LK)	Ingenium I6 3.0L petrol PHEV	Inspect and renew camshaft carrier	12.13.49	8.8

Model	Engine	Description	SRO	Time
Range Rover (LK) - Right hand drive	Ingenium I6 3.0L petrol MHEV	Inspect and renew camshaft carrier	12.13.49	12.6
Range Rover (LK) - Left hand drive	Ingenium I6 3.0L petrol MHEV	Inspect and renew camshaft carrier	12.13.49	12.8
Range Rover Sport (L1)	Ingenium I6 3.0L petrol PHEV	Inspect and renew camshaft carrier	12.13.49	8.7
Range Rover Sport (L1) - Right hand drive	Ingenium I6 3.0L petrol MHEV	Inspect and renew camshaft carrier	12.13.49	12.7
Range Rover Sport (L1) - Left hand drive	Ingenium I6 3.0L petrol MHEV	Inspect and renew camshaft carrier	12.13.49	12.9
Range Rover (LG)	All	Inspect and renew camshaft carrier	12.29.43	11.8
Range Rover Sport (LW)	All	Inspect and renew camshaft carrier	12.29.43	11.8
Discovery	All	Inspect and renew camshaft carrier	12.13.49	12.2
Defender	All	Inspect and renew camshaft carrier	12.13.49	11.6
Range Rover Velar	All	Inspect and renew camshaft carrier	12.13.49	8.8
Range Rover (LK)	Ingenium I6 3.0L petrol MHEV	Renew additional parts	17.50.01	3.7
Range Rover (LK)	Ingenium I6 3.0L petrol PHEV	Renew additional parts	17.50.01	3.4
Range Rover Sport (L1)	Ingenium I6 3.0L petrol MHEV	Renew additional parts	17.50.01	3.8
Range Rover Sport (L1) - Right hand drive	Ingenium I6 3.0L petrol PHEV	Renew additional parts	17.50.01	3.5
Range Rover Sport (L1) - Left hand drive	Ingenium I6 3.0L petrol PHEV	Renew additional parts	17.50.01	3.4
Range Rover (LG)	All	Renew additional parts	17.50.01	3.2
Range Rover Sport (LW)	All	Renew additional parts	17.50.01	3.2
Discovery	All	Renew additional parts	17.50.01	3.1
Range Rover Velar	All	Renew additional parts	17.50.01	3.2
Defender	All	Renew additional parts	17.50.01	2.9
All	All	Drive in/drive out	02.02.02	0.2

Warranty Information

Warranty claims should be submitted quoting program code N763 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.

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
N763	J	Range Rover (LK)	Inspect and renew camshaft carrier - ROW Renew additional parts	12.13.49 17.50.01	See above	LR121760	1
						LR166794	1
						LR121753	1
						LR121800	1
						LR121761	1
						LR105428	6
						LR178889	1
						LR095781	2
						LR135872	2
						LR121802	1
						LR121801	1
						LR073655	2
						LR123057	1
						LR073789	1
						LR133542	1
						LR128483	2
						LR010861	1
						LR128535	6
						LR178970	1
						LR162995	1
						LR121356	1
						LR148214	2
						LR175780	2
LR162991	1						
LR152520	1						
LR137721	1						
LR137519	1						
LR181152	1						
WYH500060	3						

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
N763	K	Range Rover (LK)	Inspect and renew camshaft carrier - ROW Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760	1
						LR166794	1
						LR121753	1
						LR121800	1
						LR121761	1
						LR105428	6
						LR178889	1
						LR095781	2
						LR135872	2
						LR121802	1
						LR121801	1
						LR073655	2
						LR123057	1
						LR073789	1
						LR133542	1
						LR128483	2
						LR010861	1
						LR128535	6
						LR178970	1
						LR162995	1
						LR121356	1
						LR148214	2
						LR175780	2
LR162991	1						
LR152520	1						
LR137721	1						
LR137519	1						
LR181152	1						
WYH500060	3						
N763	L	Range Rover (LK)	Inspect and renew camshaft carrier - NAS Renew additional parts	12.13.49 17.50.01	See above	LR121760	1
						LR166794	1
						LR121753	1
						LR121800	1
						LR121761	1
						LR105428	6
						LR178889	1
						LR095781	2
						LR135872	2
						LR121802	1
						LR121801	1
						LR073655	2
						LR123057	1
						LR073789	1
						LR133542	1
						LR128483	2
						LR010861	1
						LR128535	6
						LR178970	1
						LR162995	1
						LR121356	1
						LR148214	2
						LR175780	2
LR162991	1						
LR152519	1						
LR137721	1						
LR137519	1						
LR181152	1						
WYH500060	3						
N763	M	Range Rover (LK)	Inspect and renew camshaft carrier - NAS Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760	1
						LR166794	1
						LR121753	1
						LR121800	1
						LR121761	1
						LR105428	6
						LR178889	1
						LR095781	2
						LR135872	2
						LR121802	1
						LR121801	1
						LR073655	2
						LR123057	1
						LR073789	1
						LR133542	1
						LR128483	2
						LR010861	1
						LR128535	6
						LR178970	1

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
						LR162995 LR121356 LR148214 LR175780 LR162991 LR152519 LR137721 LR137519 LR181152 WYH500060	1 1 2 2 1 1 1 1 1 1 3
N763	N	Range Rover Sport (L1)	Inspect and renew camshaft carrier - ROW Renew additional parts	12.13.49 17.50.01	See above	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR162995 LR121356 LR148214 LR175780 LR162991 LR152520 LR137721 LR137519 LR181152 WYH500060	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 1 2 1 6 1 1 1 2 2 1 1 1 1 1 1 1 1 1 3
N763	P	Range Rover Sport (L1)	Inspect and renew camshaft carrier - ROW Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR162995 LR121356 LR148214 LR175780 LR162991 LR152520 LR137721 LR137519 LR181152 WYH500060	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 2 1 6 1 1 1 2 2 1 1 1 1 1 1 1 1 3
N763	Q	Range Rover Sport (L1)	Inspect and renew camshaft carrier - NAS Renew additional parts	12.13.49 17.50.01	See above	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781	1 1 1 1 1 6 1 2

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
						LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR162995 LR121356 LR148214 LR175780 LR162991 LR152519 LR137721 LR137519 LR181152 WYH500060	2 1 1 2 1 1 1 2 1 6 1 1 1 2 2 1 1 1 1 1 1 3
N763	R	Range Rover Sport (L1)	Inspect and renew camshaft carrier - NAS Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR162995 LR121356 LR148214 LR175780 LR162991 LR152519 LR137721 LR137519 LR181152 WYH500060	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 2 6 1 1 2 2 1 1 1 1 1 1 1 3
N763	S	Discovery	Inspect and renew camshaft carrier Renew additional parts	12.13.49 17.50.01	See above	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR122057 LR122058	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 2 6 1 1 2 2 1 1 1 1 1

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
N763	T	Discovery	Inspect and renew camshaft carrier Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760	1
						LR166794	1
						LR121753	1
						LR121800	1
						LR121761	1
						LR105428	6
						LR178889	1
						LR095781	2
						LR135872	2
						LR121802	1
						LR121801	1
						LR073655	2
						LR123057	1
						LR073789	1
						LR133542	1
						LR128483	2
						LR010861	1
						LR128535	6
						LR178970	1
						LR121356	1
LR148214	2						
LR175780	2						
LR162988	1						
LR137721	1						
LR122057	1						
LR122058	1						
N763	U	Range Rover Velar	Inspect and renew camshaft carrier - ROW Renew additional parts	12.13.49 17.50.01	See above	LR121760	1
						LR166794	1
						LR121753	1
						LR121800	1
						LR121761	1
						LR105428	6
						LR178889	1
						LR095781	2
						LR135872	2
						LR121802	1
						LR121801	1
						LR073655	2
						LR123057	1
						LR073789	1
						LR133542	1
						LR128483	2
						LR010861	1
						LR128535	6
						LR178970	1
						LR162995	1
LR121356	1						
LR148214	2						
LR180732	1						
LR180730	1						
LR137721	1						
LR141652	1						
LR141656	1						
WYH500060	3						
N763	V	Range Rover Velar	Inspect and renew camshaft carrier - ROW Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760	1
						LR166794	1
						LR121753	1
						LR121800	1
						LR121761	1
						LR105428	6
						LR178889	1
						LR095781	2
						LR135872	2
						LR121802	1
						LR121801	1
						LR073655	2
						LR123057	1
						LR073789	1
						LR133542	1
						LR128483	2
						LR010861	1
						LR128535	6
						LR178970	1
						LR162995	1
LR121356	1						
LR148214	2						
LR180732	1						

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
						LR180730 LR137721 LR141652 LR141656 WYH500060	1 1 1 1 3
N763	W	Range Rover Velar	Inspect and renew camshaft carrier - NAS Renew additional parts	12.13.49 17.50.01	See above	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR162995 LR121356 LR148214 LR180732 LR162156 LR137721 LR141652 LR141656 WYH500060	1 1 1 1 1 6 1 2 2 1 1 2 1 1 2 1 1 6 1 1 1 2 1 1 1 1 2 1 1 1 1 1 3
N763	Y	Range Rover Velar	Inspect and renew camshaft carrier - NAS Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR162995 LR121356 LR148214 LR180732 LR162156 LR137721 LR141652 LR141656 WYH500060	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 2 1 1 6 1 1 1 2 1 1 1 1 1 1 1 3
N763	Z	Defender	Inspect and renew camshaft carrier - ROW, Vehicle Identification Number (VIN) up to 023991 Renew additional parts	12.13.49 17.50.01	See above	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
						LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR137519 LR122058	2 1 6 1 1 2 2 1 1 1 1
N763	AA	Defender	Inspect and renew camshaft carrier - ROW, VIN up to 023991 Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR137519 LR122058	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 1 2 1 6 1 1 2 2 1 1 1 1 1 1 1 1 1
N763	AB	Defender	Inspect and renew camshaft carrier - ROW, VIN from 023992 Renew additional parts	12.13.49 17.50.01	See above	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR180950 LR122058	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 2 1 6 1 1 2 2 1 1 1 1 1 1
N763	AC	Defender	Inspect and renew camshaft carrier - ROW, VIN from 023992 Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057	1 1 1 1 1 6 1 2 2 1 1 2 1 1

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
						LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR180950 LR122058	1 1 2 1 6 1 1 2 2 1 1 1 1
N763	AD	Defender	Inspect and renew camshaft carrier - NAS, VIN up to 023991 Renew additional parts	12.13.49 17.50.01	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR137519 LR122058	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 1 2 1 1 1 2 2 1 1 1 1
N763	AE	Defender	Inspect and renew camshaft carrier - NAS, VIN up to 023991 Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR137519 LR122058	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 2 1 6 1 1 2 2 1 1 1 1
N763	AF	Defender	Inspect and renew camshaft carrier - NAS, VIN from 023992 Renew additional parts	12.13.49 17.50.01	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801	1 1 1 1 1 6 1 2 2 1 1

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
						LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR180950 LR122058	2 1 1 1 2 1 6 1 1 2 2 1 1 1
N763	AG	Defender	Inspect and renew camshaft carrier - NAS, VIN from 023992 Renew additional parts Drive in/drive out	12.13.49 17.50.01 02.02.02	See above 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR180950 LR122058	1 1 1 1 1 6 1 2 2 1 1 2 1 1 2 1 6 1 1 2 2 1 1 1 1
N763	AH	Range Rover Sport (LW)	Inspect and renew camshaft carrier Renew additional parts	12.29.43 17.50.01	11.8 3.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR122057 LR122058	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 2 1 6 1 1 2 2 1 1 1 1
N763	AJ	Range Rover Sport (LW)	Inspect and renew camshaft carrier Renew additional parts Drive in/drive out	12.29.43 17.50.01 02.02.02	11.8 3.2 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872	1 1 1 1 1 6 1 2 2

Program Code	Option	Model	Description	SRO	Time	Part No.	Qty.
						LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR122057 LR122058	1 1 2 1 1 1 2 1 6 1 1 2 2 1 1 1 1
N763	AK	Range Rover (LG)	Inspect and renew camshaft carrier Renew additional parts	12.29.43 17.50.01	11.8 3.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR122057 LR122058	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 2 1 6 1 1 2 2 1 1 1 1
N763	AL	Range Rover (LG)	Inspect and renew camshaft carrier Renew additional parts Drive in/drive out	12.29.43 17.50.01 02.02.02	11.8 3.2 0.2	LR121760 LR166794 LR121753 LR121800 LR121761 LR105428 LR178889 LR095781 LR135872 LR121802 LR121801 LR073655 LR123057 LR073789 LR133542 LR128483 LR010861 LR128535 LR178970 LR121356 LR148214 LR175780 LR162988 LR137721 LR122057 LR122058	1 1 1 1 1 6 1 2 2 1 1 2 1 1 1 2 1 6 1 1 2 2 1 1 1 1

 **NOTES:**

- 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.
- 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.

THE FOLLOWING SECTION IS FOR VEHICLES WITH MORE THAN 500 MILES THAT FAIL THE SERVICE INSPECTION AND DO DISPLAY SIGNS OF EXCESSIVE OIL CONSUMPTION AND DO HAVE AN OIL PRESSURE WARNING LAMP ILLUMINATED ON THE INSTRUMENT PANEL CLUSTER. SEE THE SERVICE INSTRUCTION SECTION FOR FURTHER INFORMATION.

Warranty Information

Program Code	Model	Engine	Option	Description
N763	All	All	X	Renew the engine

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.

Where the customer vehicle requires a new engine, the retailer should supply the customer with an appropriate loan vehicle until the repair is completed.

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.

ENGINE SERIAL NUMBER INSPECTION

The engine serial number must be inspected and recorded for the [VINs](#) shown in the table below. The serial number must be recorded in the claim, both in the serial number section and in the technician's comments. Continue to the ENGINE SERIAL NUMBER INSPECTION below if the vehicle's [VIN](#) is shown in the table below.

Range Rover (LG)	Range Rover (LG)	Range Rover Sport (LW)	Range Rover Sport (LW)	Discovery	Defender	Defender
LA404914	NA461980	KA860977	LA896193	N2461735	L2005078	N2082376
LA570104	NA462215	KA863316	LA896236		L2006350	N2084729
LA577228	NA462442	KA867293	MA752420		L2007188	N2088699
LA578535		KA870738	MA752898		L2009431	N2091500
LA579432		KA874346	MA754038		L2015842	N2092555
LA581541		KA874362	MA755386		L2015920	N2094247
LA583508		KA874675	MA757365		L2016309	N2096895
LA583521		KA874842	MA758220		L2017322	N2104857
LA583788		KA874908	MA758929		L2024805	P2108278
LA584309		LA701729	MA763751		L2025788	
LA587723		LA703257	MA769310		L2026416	
LA589424		LA704636	MA779118		L2030794	
LA590824		LA707607	MA786662		L2033519	
LA592247		LA708744	MA790394		M2036553	
LA594907		LA709277	MA791735		M2038968	
LA595445		LA709605	MA795632		M2039528	
LA596342		LA710784	MA795877		M2042479	
LA596674		LA711310	NA202276		M2045402	
LA597035		LA721114	NA205773		M2047452	
MA416893		LA722052	NA206510		M2047741	
MA419701		LA743733	NA207521		M2049855	
MA423878		LA747376	NA214001		M2053412	
MA424660		LA876108	NA226945		M2057288	
MA430854		LA876805	NA230988		M2061025	

Range Rover (LG)	Range Rover (LG)	Range Rover Sport (LW)	Range Rover Sport (LW)	Discovery	Defender	Defender
MA442548		LA878007	NA233541		M2061970	
MA446887		LA878425	NA235193		M2062148	
MA450715		LA880514	NA244867		N2067158	
MA454975		LA886735			N2069887	
NA459536		LA889737			N2073155	
NA460475		LA892037			N2080692	

Table of Contents

[REMOVAL AND INSTALLATION: ENGINE SERIAL NUMBER INSPECTION](#)

[REMOVAL AND INSTALLATION: SERVICE INSPECTION](#)

[REMOVAL AND INSTALLATION: SERVICE INSTRUCTION](#)

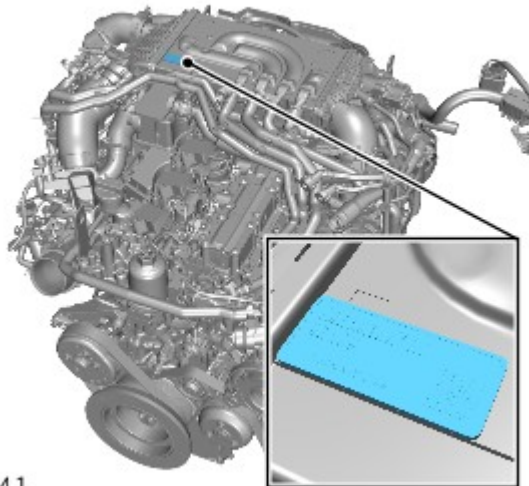
ENGINE SERIAL NUMBER INSPECTION

NOTES:

- This inspection is only required if the vehicle's [VIN](#) is shown in the table above.
- The engine serial number must be inspected and recorded for the [VINs](#) shown in the table above. The serial number must be recorded in the claim, both in the serial number section and in the technician's comments



1. Inspect the engine serial number, located on the charge air cooler.



E235941

2. Continue to the SERVICE INSPECTION below.

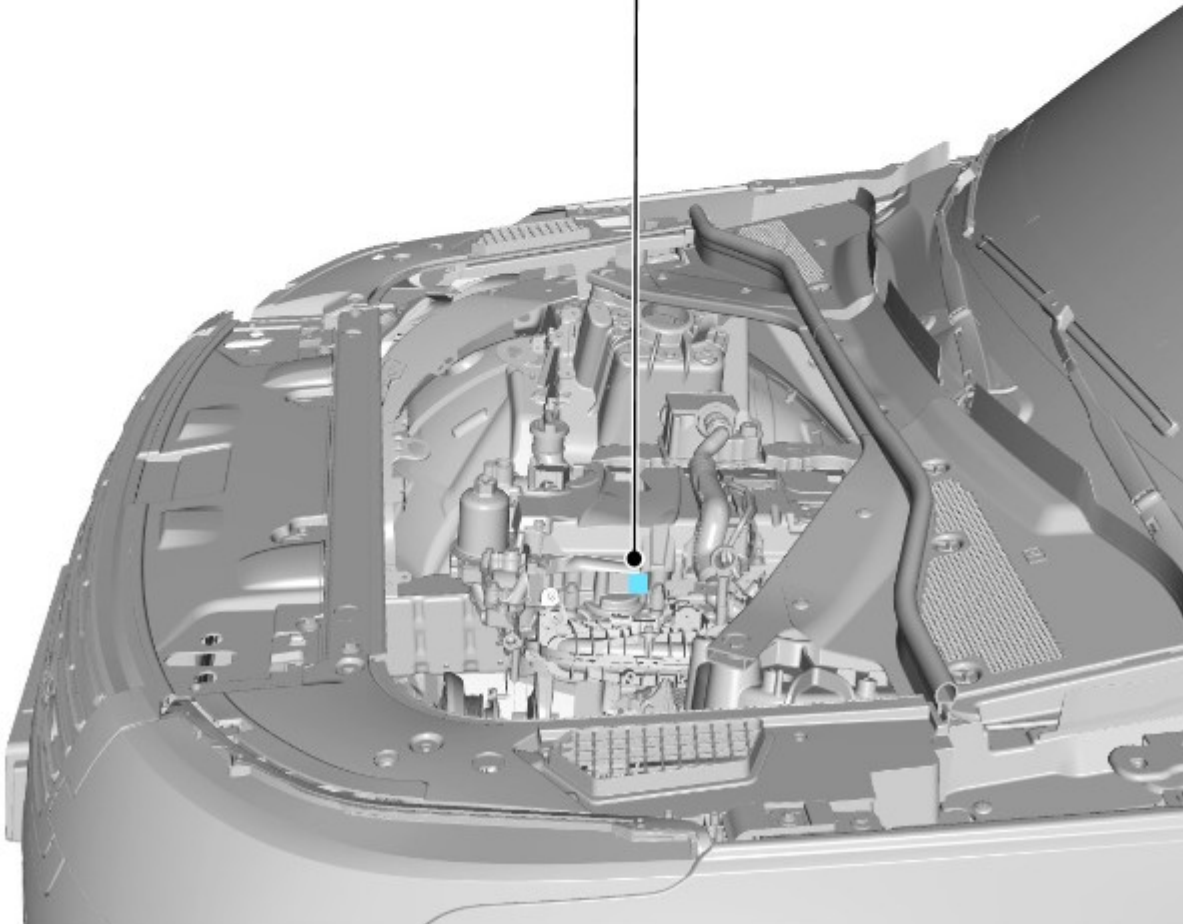
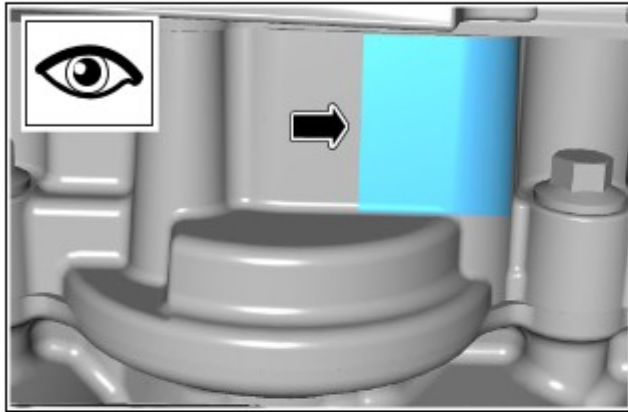
SERVICE INSPECTION

NOTES:

- Some variation in the illustrations may occur, but the essential information is always correct.
- Some components shown removed for clarity.

1. Remove the left air filter outlet pipe, (see TOPIx Workshop Manual section 303-12: Intake Air Distribution And Filtering - Ingenium I6 3.0l Petrol - Removal and Installation - Left Air Filter Outlet Pipe).

2. Locate the highlighted area of the camshaft carrier shown in the illustration.




E323282

3. Inspect the camshaft carrier tooling stamp using steps 4 to 7 below for reference.

- The 3 illustrations below show 3 **INDIVIDUAL** failure conditions.
 - If **ANY** of the 3 **INDIVIDUAL** failure conditions are present, **then the vehicle has failed the inspection.**
 - If **NONE** of the 3 **INDIVIDUAL** failure conditions are present, **then the vehicle has passed the inspection.**
 - After completing the SERVICE INSPECTION, continue to the SERVICE INSTRUCTION below.

4. Steps 5, 6 and 7 show 3 **INDIVIDUAL** failure conditions.

5.

 **CAUTION:**


ONLY INSPECT FOR THE SPECIFIC DRILLED TOOLING MARK IN THE LOCATION HIGHLIGHTED BY THE ARROW WITHIN THE ILLUSTRATION. DISREGARD ANY TOOLING MARKS WHICH ARE NOT HIGHLIGHTED BY AN ARROW WITHIN THE ILLUSTRATION.

The failure condition shown highlights 1 drilled tooling mark in the lower right side of the tooling stamp.

- If the 1 drilled tooling mark in the lower right side of the tooling stamp is present, then the vehicle has failed the inspection.



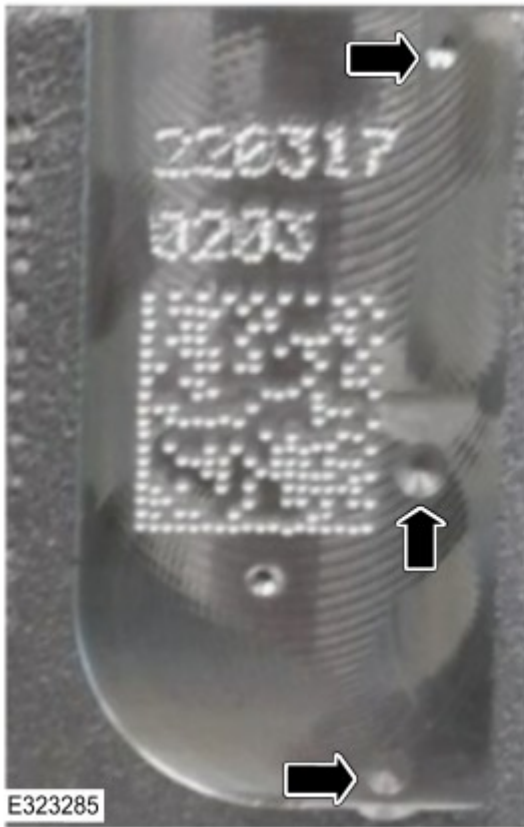
6.

 CAUTION:


ONLY INSPECT FOR THE SPECIFIC DRILLED TOOLING MARKS IN THE LOCATIONS HIGHLIGHTED BY THE ARROWS WITHIN THE ILLUSTRATION. DISREGARD ANY TOOLING MARKS WHICH ARE NOT HIGHLIGHTED BY AN ARROW WITHIN THE ILLUSTRATION.

The failure condition shown highlights 3 drilled tooling marks in the upper, middle and lower right side of the tooling stamp.

- If the 3 drilled tooling marks in the upper, middle and lower right side of the tooling stamp are **ALL** present, then the vehicle has failed the inspection.



7.

 **CAUTION:**

ONLY INSPECT FOR THE SPECIFIC DRILLED TOOLING MARKS IN THE LOCATIONS HIGHLIGHTED BY THE ARROWS WITHIN THE ILLUSTRATION. DISREGARD ANY TOOLING MARKS WHICH ARE NOT HIGHLIGHTED BY AN ARROW WITHIN THE ILLUSTRATION.

The failure condition shown highlights 2 drilled tooling marks in the upper and middle right side of the tooling stamp.

- If the 2 drilled tooling marks in the upper and middle right side of the tooling stamp are **BOTH** present, then the vehicle has failed the inspection.



SERVICE INSTRUCTION


1. Vehicles which **PASSED** the inspection procedure:

- Install the left air filter outlet pipe and release the vehicle, (see TOPIx Workshop Manual section 303-12: Intake Air Distribution And Filtering - Ingenium I6 3.0l Petrol - Removal and Installation - Left Air Filter Outlet Pipe).
 - Claim option codes A / B from the Warranty option code table.

2. Vehicles with **LESS** than 500 miles, which **FAILED** the below inspection procedure:

- Renew the camshaft carrier, (see TOPIx Workshop Manual section 303-01: Engine - INGENIUM I6 3.0L PETROL - Removal and Installation - Camshaft Carrier).
 - Claim option codes C / D / E / F from the Warranty option code table.

3.

 **NOTE:**

Parts must be renewed as instructed within the TOPIx Workshop Manual instructions.

Vehicles with **MORE** than 500 miles, which **FAILED** the inspection procedure and **DO NOT** display signs of excessive oil consumption **AND DO NOT** have an oil pressure warning lamp illuminated on the instrument panel cluster:

1. Renew the camshaft carrier.
 - (see TOPIx Workshop Manual section 303-01: Engine - INGENIUM I6 3.0L PETROL - Removal and Installation - Camshaft Carrier)
2. Renew the catalytic converter.
 - (see TOPIx Workshop Manual section 309-00: Exhaust System - INGENIUM I6 3.0L PETROL - Removal and Installation - Catalytic Converter)


3.  **NOTE:**

NAS vehicles are not installed with a [GPF](#), follow the below procedure to renew the secondary catalytic converter.

Renew the [GPF](#).

- (see TOPIx Workshop Manual section 309-00: Exhaust System - INGENIUM I6 3.0L PETROL - Removal and Installation - Gasoline Particulate Filter)
4. Renew the pre-catalyst heated oxygen sensor.
 - (see TOPIx Workshop Manual section 303-14: Electronic Engine Controls - INGENIUM I6 3.0L PETROL - Removal and Installation - Pre-catalyst Heated Oxygen Sensor)
 5. Renew the mid-catalyst heated oxygen sensor.
 - (see TOPIx Workshop Manual section 303-14: Electronic Engine Controls - INGENIUM I6 3.0L PETROL - Removal and Installation - Mid-catalyst Heated Oxygen Sensor)
 6. Renew the post-catalyst heated oxygen sensor.
 - (see TOPIx Workshop Manual section 303-14: Electronic Engine Controls - INGENIUM I6 3.0L PETROL - Removal and Installation - Post-catalyst Heated Oxygen Sensor)
 - Claim option codes J / K / L / M / N / P / Q / R / S / T / U / V / W / Y / Z / AA / AB / AC / AD / AE / AF / AG / AH / AJ / AK / AL from the Warranty option a code table.

4.

 NOTES:

- All procedures below must be claimed for under option code X. Refer to TOPIx to acquire the required SROs. Parts must be renewed as instructed within the TOPIx Workshop Manual instructions.
- A new engine serial number label is provided with the new engine assembly. The original engine serial number label must be removed and discarded from the charge air cooler and the new engine serial number label must be installed in the same location.

Vehicles with **MORE** than 500 miles, which **FAIL** the inspection procedure and **DO** display signs of excessive oil consumption **AND DO** have an oil pressure warning lamp illuminated on the instrument panel cluster:

- Renew the engine.
 - (see TOPIx Workshop Manual section 303-01: Engine - INGENIUM I6 3.0L PETROL - Disassembly/Assembly - Long/Stripped Engine Assembly Renew)
- Renew the catalytic converter.
 - (see TOPIx Workshop Manual section 309-00: Exhaust System - INGENIUM I6 3.0L PETROL - Removal and Installation - Catalytic Converter)

 NOTE:

NAS vehicles are not installed with a [GPF](#), follow the below procedure to renew the secondary catalytic converter.

- Renew the [GPF](#).
 - (see TOPIx Workshop Manual section 309-00: Exhaust System - INGENIUM I6 3.0L PETROL - Removal and Installation - Gasoline Particulate Filter)
- Renew the pre-catalyst heated oxygen sensor.
 - (see TOPIx Workshop Manual section 303-14: Electronic Engine Controls - INGENIUM I6 3.0L PETROL - Removal and Installation - Pre-catalyst Heated Oxygen Sensor)
- Renew the mid-catalyst heated oxygen sensor.
 - (see TOPIx Workshop Manual section 303-14: Electronic Engine Controls - INGENIUM I6 3.0L PETROL - Removal and Installation - Mid-catalyst Heated Oxygen Sensor)
- Renew the post-catalyst heated oxygen sensor.
 - (see TOPIx Workshop Manual section 303-14: Electronic Engine Controls - INGENIUM I6 3.0L PETROL - Removal and Installation - Post-catalyst Heated Oxygen Sensor)

SAMPLE CUSTOMER LETTER - FOR INFORMATION ONLY

Name
Address line 1
Address line 2
Address line 3
Post Code

Vehicle Identification Number (VIN):
Registration Number:
Program Number: N763

Date: month/year

SAFETY RELATED RECALL - 2020 - 2023 Model Year Range Rover, Discovery and Defender, 2019 - 2023 Model Year Range Rover Sport and 2023 - 2024 Model Year Range Rover Velar - Camshaft Carrier Drill Hole

Dear

Jaguar Land Rover (JLR) Limited would like to advise you that during ongoing quality assessment of our product it has been identified that a possible safety related problem may occur on certain Land Rover vehicles within a specific production range. Please read the information below, this will explain the actions that we intend to take and what you will need to do.

Why are we contacting you?

A concern has been identified on certain 2020-2023 model year 3.0L AJ20-P6 Land Rover Range Rover, Discovery and Defender, 2019-2023 model year Range Rover Sport and 2023-2024 model year Range Rover Velar vehicles where in a small number of engines, the camshaft carrier oil gallery hasn't been fully drilled. As a result, the oil channel could be blocked, leading to accumulation of oil against the pressure control valve rubber membrane, and subsequently an external oil leak or increased oil carryover into the air intake system.

In the event of a blockage, oil can accumulate against the engine pressure control valve rubber membrane, and subsequently an external oil leak or increased oil carryover into the air intake system can occur. An external oil leak may lead to an engine compartment fire.

What will your Land Rover retailer/authorized repairer do?

At your visit, your preferred Land Rover retailer/authorized repairer will inspect the engine camshaft carrier and where an incorrectly machined camshaft carrier is found, replace it with a correctly machined component. There will be no charge to the owners for this repair.

- Vehicles which PASS the inspection procedure will be released with no further action.
- Vehicles with LESS than 500 miles, which FAIL the inspection procedure will receive a camshaft carrier only.
- Vehicles with MORE than 500 miles, which FAIL the inspection procedure and DO NOT display signs of excessive oil consumption AND DO NOT have an oil pressure warning lamp illuminated on the instrument panel cluster will receive a new camshaft carrier, catalytic converter, gasoline particulate filter and exhaust oxygen sensors.
- Vehicles with MORE than 500 miles, which FAIL the inspection procedure and DO display signs of excessive oil consumption AND DO have an oil pressure warning lamp illuminated on the instrument panel cluster will receive a new engine.

How long will it take?

The work on your vehicle will be completed as quickly and efficiently as possible in order to minimize inconvenience to you. Your retailer/authorized repairer will be able to advise how long your vehicle will be required for when a booking is made.

What we are asking you to do

Please contact your preferred Land Rover retailer/authorized repairer without delay. To book your vehicle in for this action you will need to provide the retailer/authorized repairer with the following which are detailed at the beginning of this letter:

- The VIN for your vehicle
- Vehicle registration number of your vehicle.
- The program code for the action.

If you do not have a retailer/authorized repairer, please access www.landrover.co.uk or www.landrover.com for contact details.

If you no longer own the vehicle could you please complete the 'Change of Ownership' slip attached to this letter, returning the slip to Jaguar Land Rover Limited immediately in the enclosed 'Freepost' envelope. This will enable us to make contact with the new owner.

If you have concerns

If you experience any concerns relating to this Recall, contact the Service Manager at the retailer/authorized repairer for assistance or contact the JLR Limited Customer Experience Centre on 0345 303 2303 or (enter phone number).

This bulletin is being issued in accordance with the legislative or industry requirements concerning vehicle defects. The authorities will closely monitor the response rate of this bulletin.

Please treat this matter with the urgency it requires, JLR Limited apologize for any inconvenience this bulletin may cause and thank you, in advance, for your co-operation.

Yours sincerely

Head of Business

Technical Questions And Answers



FOR USE ON ENQUIRY

Jaguar Land Rover N763

Certain 2020 - 2023 Model Year Range Rover, Discovery and Defender, 2019 - 2023 Model Year Range Rover Sport and 2023 - 2024 Model Year Range Rover Velar 3.0L AJ20-P6 vehicles for incorrectly manufactured engine camshaft carriers

A concern has been identified on certain 2020 - 2023 model year Range Rover and Defender, 2022 - 2023 model year Discovery, 2019 - 2023 model year Range Rover Sport and 2023 - 2024 model year Range Rover Velar Ingenium I6 3.0L Petrol vehicles where for a small number of engines, the camshaft carrier oil gallery hasn't been fully drilled.

Question 1

Who do I contact if a member of the press contacts me about this recall?

Answer

Make sure that any press enquiries are referred to the Jaguar Land Rover (JLR) Corporate Affairs office.

Question 2

Why is JLR recalling certain JLR models?

Answer

The oil gallery in affected engines could be blocked, leading to accumulation of oil against the pressure control valve rubber membrane, and subsequently an external oil leak or increased oil carryover into the air intake system.

Question 3

Can you tell me more about what is wrong with the vehicles?

Answer

In affected engines, in the event of an oil channel blockage, oil can accumulate against the engine pressure control valve rubber membrane, and subsequently an external oil leak or increased oil carryover into the air intake system can occur. An external oil leak may lead to fire in the engine compartment.

Question 4

How would the customer become aware of potentially having this concern?

Answer

An engine Malfunction Indicator Lamp (MIL) may be displayed.

Question 5

Does this concern affect vehicle safety?

Answer

JLR is determined that this issue represented an unreasonable risk to safety.

Question 6

Has JLR received many complaints?

Answer

JLR is not aware of any field reports for this concern.

Question 7

Have there been any accidents or injuries or fires?

Answer

There have been no reports of accidents or injuries relating to this concern of which JLR is aware.

Question 8

How was the condition discovered?

Answer

JLR were made aware of this issue by the supplier of camshaft carriers.

Question 9

How long has JLR known about this problem?

Answer

JLR received a report from the supplier Ryobi Aluminum Casting (UK) LTD, on November 23, 2022.

Question 10

Is the defect leading you to any concerns regarding the reliability of a system, which is supposed to be designed and engineered for the passengers' safety? What type of measures are you planning to take?

Answer

JLR has no concerns with the overall reliability of the vehicle. JLR carefully monitors field data to make sure that any matters relating to safety and compliance are rigorously investigated.

Question 11

What has JLR done in production?

Answer

This is a JLR supplier concern. The supplier has corrected the production process and all components manufactured after November 23, 2022 are manufactured to the correct specification.

Question 12

What will retailers/authorized repairers do to the vehicles?

Answer

Owners will be notified and instructed to take their vehicle to an approved JLR retailer/authorized repairer. The technician will inspect the engine camshaft carrier and where an incorrectly machined camshaft carrier is found, replace it with a correctly machined component.

- Vehicles which PASS the inspection procedure will be released with no further action.
- Vehicles with LESS than 500 miles, which FAIL the inspection procedure will receive a camshaft carrier only.
- Vehicles with MORE than 500 miles, which FAIL the inspection procedure and DO NOT display signs of excessive oil consumption AND DO NOT have an oil pressure warning lamp illuminated on the instrument panel cluster will receive a new camshaft carrier, catalytic converter, Gasoline Particulate Filter (GPF) (if installed) and exhaust oxygen sensors.
- Vehicles with MORE than 500 miles, which FAIL the inspection procedure and DO display signs of excessive oil consumption AND DO have an oil pressure warning lamp illuminated on the instrument panel cluster will receive a new engine, catalytic converter, GPF (if installed) and exhaust oxygen sensors..

Question 13

Which vehicles are affected by this recall?

Answer

Certain 2020-2022 model year Land Rover vehicles: Range Rover SALGS2RU3LA404914 to SALGS2RU7LA597035, 2023 model year Range Rover SALKPBFU8PA021265 to SALKP9F47PA039409, 2019-2022 Range Rover Sport, SALWS2RU8NA202276 to SALWG2SU1LA896236, 2023 model year Range Rover Sport SAL1A2FU5PA107355 to SAL1A2A45PA113521, Discovery SALRT4EU7N2461735 to SALRM4EUXP2475306, 2020-2023 model year Defender SALE1EEU9L2005078 to SALEA6BU7P2184950 and certain 2023-2024 model year Land Rover vehicles: Range Rover Velar SALYT2EU9PA356431 to SALYT2EU4PA360032, (Specific vehicles within the Vehicle Identification Number (VIN) ranges).

Question 14

Are other JLR models affected by these actions?

Answer

Yes, certain Jaguar F-PACE vehicles are also affected.

Question 15

Are parts available to rework vehicles?

Answer

Parts are available to conduct this repair.

Question 16

How much will the recall cost JLR?

Answer

Cost was not a factor in deciding to recall these vehicles.

Question 17

How do I know if my vehicle is affected?

Answer

All owners of potentially affected vehicles will shortly receive a letter inviting them to contact a JLR retailer/authorized repairer for the work to be completed. Customers in the US, Brazil and Australia can check if their vehicle is eligible for a safety recall at the Land Rover or Jaguar Brand web site and customers in other countries can also use the Recall Search at <https://topix.jaguar.jlrext.com/topix/vehicle/lookupForm>.

Question 18

How long does it take for the car to be inspected and repaired?

Answer

The work will be completed as quickly and efficiently as possible in order to minimize inconvenience to customers and is expected to take no longer than 13 hours to complete. Naturally, due to retailer/authorized repairer schedules, vehicles may be required for longer.

Question 19

Can I continue to drive my vehicle safely until it has been recalled?

Answer

Customers are advised to contact a Land Rover retailer/authorized repairer should they have any concerns regarding their vehicles.

Note:

Please make sure that any press enquiries are referred to the JLR Corporate Affairs office.