



UPDATE PRIOR TO SALE NOTICE

Global Service Action
Number: N849 UPS6323-3

| | |
|--|---------------------------------|
| Subject: Cylinder Block Uncontrolled Heat Treatment | Publication No.: N849 UPS6323-3 |
| | Model: Range Rover (LK) |
| | Model Year: 2024 |
| | Model: Range Rover Sport (L1) |
| | Model Year: 2024 |
| | Date of Issue: 15 January 2024 |
| | Expiry Date: 15 January 2025 |

| | |
|------------------------------|---|
| To: | The National Sales Company (NSC), importers, retailers and authorized repairers in China and Jaguar Land Rover North America, LLC. |
| For the Attention of: | The approved JLR retailer/authorized repairer. |
| Important: | <p>China: Hold at port of entry facility. USA: Quarantine in retailer/authorized repairer or applicable NSC location.</p> <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 campaign has been issued to provide the relevant repair instructions, parts and warranty information. This campaign is valid for one year only. Repairs must be completed prior to the expiry date at the top of this campaign.</p> <p>This campaign does not apply to any vehicles already registered and in use, either with the retailer/authorized repairer, or customer. Any vehicle already in use may continue to be driven and any repair instructions will be communicated through a separate campaign.</p> |

FOR THE ATTENTION OF ALL:

DESCRIPTION OF ISSUE

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

Certain 2024 model year Range Rover and Range Rover Sport vehicles equipped with Ingenium I6 3.0L Petrol engines are installed with cylinder blocks that have not been heat treated to specification, this can lead to reduced engine life.

ACTION TO BE TAKEN

This campaign directs retailers/authorized repairers to quarantine any unsold vehicles in the affected vehicle range.

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.

Refer to the warranty section of this campaign for details of the 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.

CUSTOMER COMMUNICATION

Should this campaign mean that you are unable to deliver an affected vehicle to a customer at an agreed handover date, advise the customer of the following:

"JLR are committed to delivering vehicles to our customers of the highest quality, complete with the very latest hardware and software. Our vehicles are continually evolving with our Engineering and Design teams constantly looking for new and innovative ways to further enhance and develop our vehicles. JLR have advised us that there is an upgrade to be completed on your vehicle and have instructed us to complete this action prior to handing the vehicle over to you. JLR apologize that this upgrade may delay the delivery of your new vehicle but are committed to make sure customers benefit from the very latest technology to make sure your ownership experience is the best possible."

If necessary, you may communicate technical details of the repair or upgrade that is required on the vehicle, this is at your discretion.

RETAILER EMPOWERMENT

We appreciate the frustration experienced by both our customers and retailers with regards to the launch of any Update Prior to Sale (UPS) notice.

Following the launch of Retailer Empowerment (and where you feel it appropriate), you now have the ability to offer goodwill to customers who have suffered delays in the delivery of their vehicle. Any goodwill offer should be specifically for a customer whose vehicle delivery has been delayed due to UPS activity to acknowledge the poor experience.

Should you have any questions, contact the Customer Relationship Center (CRC) in the first instance for help and support.

FOR THE ATTENTION OF NORTH AMERICAN TERRITORIES ONLY:

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.

Yours faithfully

Steve Oldham

Global Customer Care Quality Director

SERVICE INSTRUCTION - N849 UPS6323-3

Parts Information - Ingenium I6 3.0L Petrol Mild Hybrid Electric Vehicle (MHEV)

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

| Description | Part Number | Qty. |
|---|-------------|------|
| Steering Column - Bolt | LR033655 | 1 |
| Rear driveshaft - Kit | LR034506 | 1 |
| Front subframe - Bolt | LR038196 | 6 |
| Engine coolant pump - Bolt | LR073676 | 3 |
| Lower turbocharger oil return pipe - O-ring | LR073688 | 1 |
| Throttle body - Gasket | LR074073 | 1 |
| Oil level tube - O-ring | LR074127 | 1 |
| Fly wheel - Bolt | LR074135 | 8 |
| Crankshaft pulley - Bolt | LR085468 | 4 |
| Front upper control arm to knuckle - Nut | LR090514 | 2 |
| Inlet manifold - Gasket | LR091766 | 6 |
| Front and rear driveshaft - Bolt | LR092696 | 12 |
| Cam position sensor - O-ring | LR095781 | 2 |
| Crankshaft position sensor - O-ring | LR095782 | 1 |
| Injector install - Kit | LR105428 | 6 |
| Exhaust manifold - Gasket | LR121256 | 1 |
| Exhaust manifold - Bolt | LR121352 | 13 |
| Turbocharger to exhaust - Gasket | LR121356 | 1 |
| Engine coolant vent pipe | LR121400 | 1 |
| Engine coolant pipe | LR121406 | 1 |
| Coolant hose assembly | LR121447 | 1 |
| Engine coolant pipe to cylinder head | LR121831 | 1 |
| Air Conditioning (A/C) outlet pipe - Seal | LR122304 | 1 |
| A/C inlet pipe - Seal | LR122305 | 1 |
| High Pressure (HP) fuel pump - Bolt | LR128483 | 2 |
| Fuel rail - Bolt | LR128535 | 6 |
| Engine coolant pump - O-ring | LR131224 | 1 |

| Description | Part Number | Qty. |
|--|-------------|------|
| Oil filler neck - O-ring | LR133542 | 1 |
| Upper turbocharger oil return pipe - O-ring | LR136779 | 1 |
| Thermostat - O-ring | LR140792 | 1 |
| Variable Camshaft Timing (VCT) - O-ring | LR148214 | 2 |
| Vehicle recovery bracket - Bolt | LR150900 | 4 |
| Engine mount - Nut | LR151927 | 1 |
| Left engine mount - Bolt | LR151933 | 4 |
| Right engine mount - Bolt | LR151939 | 4 |
| Front halfshaft - Nut | LR152763 | 2 |
| Front stabilizer bar link - Nut | LR152798 | 2 |
| Lower yolk - Bolt | LR153015 | 2 |
| Front differential - Bolt | LR154084 | 2 |
| Front Axle Disconnect Module (FADM) - O-ring | LR156736 | 1 |
| Engine mount - Nut | LR159988 | 1 |
| Turbocharger oil feed pipe | LR175459 | 1 |
| Lower turbocharger coolant pipe - O-ring | LR178363 | 1 |
| Engine coolant pipe and upper turbocharger coolant pipe - O-ring | LR178364 | 2 |
| Oil separator - Gasket | LR178889 | 1 |
| Turbocharger to exhaust - Clamp | LR178970 | 1 |
| Exhaust clamp | LR181089 | 1 |
| Engine long block | LR185224 | 1 |
| Halfshaft - Circlip | TDL500030 | 2 |
| Front differential fill plug | TYB500060 | 1 |
| Front differential drain plug | TYB500110 | 1 |
| Oils and fluids* | ZZZ999 | £200 |

* - An allowance of £200 has been allocated for the purchase of locally sourced oils and fluids.

SROs - Ingenium I6 3.0L Petrol [MHEV](#)

| Description | SRO | Time |
|------------------|----------|------|
| Renew the engine | 12.41.02 | 16.9 |
| Wheel alignment | 57.64.99 | 0.6 |
| | | |

| Description | SRO | Time |
|--------------------|----------|------|
| 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 - Ingenium I6 3.0L Petrol [MHEV](#)

Warranty claims should be submitted quoting program code N849 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 | Description | SRO | Time | Part Number | Qty |
|--------------|--------|--------------------|----------|------|-----------------|-----------------|
| N849 | A | Renew the engine | 12.41.02 | 16.9 | See table above | See table above |
| | | Wheel alignment | 57.64.99 | 0.6 | | |
| N849 | B | Renew the engine | 12.41.02 | 16.9 | See table above | See table above |
| | | Wheel alignment | 57.64.99 | 0.6 | | |
| | | 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.

Parts Information - Ingenium I6 3.0L Petrol [Plug-in Hybrid Electric Vehicle \(PHEV\)](#)

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

| Description | Part Number | Qty. |
|---|-------------|------|
| Steering Column - Bolt | LR033655 | 1 |
| Rear driveshaft - Kit | LR034506 | 1 |
| Front subframe - Bolt | LR038196 | 6 |
| Engine coolant pump - Bolt | LR073676 | 3 |
| Lower turbocharger oil return pipe - O-ring | LR073688 | 1 |
| Oil level tube - O-ring | LR074127 | 1 |
| Fly wheel - Bolt | LR074135 | 8 |
| Crankshaft pulley - Bolt | LR085468 | 4 |
| Front upper control arm to knuckle - Nut | LR090514 | 2 |
| Inlet manifold - Gasket | LR091766 | 6 |
| Front and rear driveshaft - Bolt | LR092696 | 12 |
| Cam position sensor - O-ring | LR095781 | 2 |
| Crankshaft position sensor - O-ring | LR095782 | 1 |

| Description | Part Number | Qty. |
|--|-------------|------|
| Injector install - Kit | LR105428 | 6 |
| Exhaust manifold - Gasket | LR121256 | 1 |
| Exhaust manifold - Bolt | LR121352 | 13 |
| Turbocharger to exhaust - Gasket | LR121356 | 1 |
| Engine coolant vent pipe | LR121400 | 1 |
| Engine coolant pipe | LR121406 | 1 |
| Coolant hose assembly | LR121447 | 1 |
| Engine coolant pipe to cylinder head | LR121831 | 1 |
| A/C outlet pipe - Seal | LR122304 | 1 |
| A/C inlet pipe - Seal | LR124622 | 2 |
| HP fuel pump - Bolt | LR128483 | 2 |
| Fuel rail - Bolt | LR128535 | 6 |
| Engine coolant pump - O-ring | LR131224 | 1 |
| Oil filler neck - O-ring | LR133542 | 1 |
| Upper turbocharger oil return pipe - O-ring | LR136779 | 1 |
| Thermostat - O-ring | LR140792 | 1 |
| VCT - O-ring | LR148214 | 2 |
| Vehicle recovery bracket - Bolt | LR150900 | 4 |
| Engine mount - Nut | LR151927 | 1 |
| Left engine mount - Bolt | LR151933 | 4 |
| Right engine mount - Bolt | LR151939 | 4 |
| Front halfshaft - Nut | LR152763 | 2 |
| Lower yolk - Bolt | LR153015 | 2 |
| Front differential - Bolt | LR154084 | 2 |
| FADM - O-ring | LR156736 | 1 |
| Engine mount - Nut | LR159988 | 1 |
| Transmission undertray fixing - Retainers | LR165498 | 6 |
| PHEV battery - Bolt | LR166366 | 10 |
| Turbocharger oil feed pipe | LR175459 | 1 |
| Lower turbocharger coolant pipe - O-ring | LR178363 | 1 |
| Engine coolant pipe and upper turbocharger coolant pipe - O-ring | LR178364 | 2 |
| Oil separator - Gasket | LR178889 | 1 |

| Description | Part Number | Qty. |
|----------------------------------|-------------|------|
| Turbocharger to exhaust - Clamp | LR178970 | 1 |
| Exhaust clamp | LR181089 | 1 |
| Engine long block | LR185224 | 1 |
| Transmission cooler pipe | LR185649 | 1 |
| Halfshaft - Circlip | TDL500030 | 2 |
| Front differential fill plug | TYB500060 | 1 |
| Front differential drain plug | TYB500110 | 1 |
| Rear stabilizer bar link - Bolt | LR096556 | 2 |
| Rear stabilizer bar link - Nut | FY112056 | 2 |
| Front stabilizer bar link - Bolt | LR091603 | 2 |
| Front stabilizer bar link - Nut | LR152798 | 2 |
| Oils and fluids* | ZZZ999 | £200 |

* - An allowance of £200 has been allocated for the purchase of locally sourced oils and fluids.

SROs - Ingenium I6 3.0L Petrol [PHEV](#)

| Description | SRO | Time |
|--|-------------|------|
| Renew the engine | 12.41.02 | 26.7 |
| Permit to Work issue | 01.01.59 | 0.1 |
| PHEV - Power Down/Up - Complete vehicle - Safety Accompanying Person | 01.01.61.33 | 0.2 |
| Wheel alignment | 57.64.99 | 0.6 |
| 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 - Ingenium I6 3.0L Petrol [PHEV](#)

Warranty claims should be submitted quoting program code N849 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 | Description | SRO | Time | Part Number | Qty |
|--------------|--------|---|---|---------------------------|-----------------|-----------------|
| N849 | C | Renew the engine Permit to Work issue PHEV - Power Down/Up - Complete vehicle - Safety Accompanying Person Wheel alignment | 12.41.02 01.01.59 01.01.61.33 57.64.99 | 26.7 0.1 0.2 0.6 | See table above | See table above |

| Program Code | Option | Description | SRO | Time | Part Number | Qty |
|--------------|--------|---|---|----------------------------------|-----------------|-----------------|
| N849 | D | Renew the engine Permit to Work issue PHEV - Power Down/Up - Complete vehicle - Safety Accompanying Person Wheel alignment Drive in/drive out | 12.41.02 01.01.59 01.01.61.33 57.64.99 02.02.02 | 26.7 0.1 0.2 0.6 0.2 | See table above | See table above |

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 JLR Global Warranty Manual, and its amendments, unless stated otherwise in this bulletin.

Customer Reimbursement and Related Damage Process

NOTE:

If there is a requirement to claim for related/consequential damage or customer reimbursement, refer to the related instruction that can be found in TOPIx (in the Search box, search for 'Related Damage Claim' and open the related bulletin link).

SERVICE INSTRUCTION

Ingenium I6 3.0L Petrol [MHEV](#) Vehicles Only

1. Renew the engine (see TOPIx Workshop Manual section 303-01B: Engine - Ingenium I6 3.0L Petrol - Disassembly and Assembly - Long/Stripped Engine Assembly Renew).

Ingenium I6 3.0L Petrol [PHEV](#) Vehicles Only

2. Renew the engine (see TOPIx Workshop Manual section 303-01D: Engine - Ingenium I6 3.0L Petrol - [PHEV](#) - Disassembly and Assembly - Long/Stripped Engine Assembly Renew).