

H348NAS2

TECHNICAL BULLETIN

17 SEP 2021



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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 Jaguar service facility to determine whether this bulletin applies to a specific vehicle.

SECTION:

100-00

SUBJECT/CONCERN:

Service Action - Electric Supercharger - Intermittent Operation

AFFECTED VEHICLE RANGE:

MODEL:	MODEL YEAR:	VIN:
F-PACE (X761)	2021	662838-675253

MARKETS:

CANADA, USA

CONDITION SUMMARY:

SITUATION:

An issue has been identified on a limited number of Jaguar vehicles within the listed affected vehicles. The Malfunction Indicator Lamp (MIL) may be illuminated on the Instrument Cluster and reduced performance may be experienced due to an intermittent internal short circuit within the electric supercharger circuit board.

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.

SPECIAL TOOLS INFORMATION:

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

PARTS INFORMATION

The parts below should be ordered through Jaguar Land Rover (JLR) in the normal manner. The engine coolant top-up will be paid under ZZZ001 and to be locally sourced.

DESCRIPTION	PART NUMBER/SUNDRY CODE	QTY/\$ VALUE
Electric supercharger	AJ814122	1
Engine coolant top-up	ZZZ001	\$6.50

SROS

DESCRIPTION	SRO	TIME
H348 - Electric supercharger - Renew	99.02.01.29	1.6
H348 - Electric supercharger - Renew - With Diagnostic Trouble Code(s) (DTC) clear	99.02.01.30	1.7

DESCRIPTION	SRO	TIME
Drive in/drive out	10.10.10	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:**

Only vehicles with the **MIL** illuminated on the Instrument Panel Cluster Control Module (IPC), due to **DTC** P00B0-49 being stored in the Powertrain Control Module (PCM), must clear the **DTCs** after installing a new electric supercharger and claim either option code C or D. If the **MIL** is NOT illuminated, option code A or B must be claimed.

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 H348 and the relevant Option Code; this will result in payment of the stated time. The SRO and parts information is included for information only.

This program is valid for a limited time only. Warranty claims with a repair date prior to the July 31, 2023 closure date must be submitted for payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION	DESCRIPTION	SRO	TIME	PART NUMBER/SUNDRY CODE	QTY/\$ VALUE
H348	A	H348 - Electric supercharger - Renew	99.02.01.29	1.6	AJ814122 ZZZ001	1 \$6.50
H348	B	H348 - Electric supercharger - Renew Drive in/drive out	99.02.01.29 10.10.10	1.6 0.2	AJ814122 ZZZ001	1 \$6.50

PROGRAM CODE	OPTION	DESCRIPTION	SRO	TIME	PART NUMBER/SUNDRY CODE	QTY/\$ VALUE
H348	C	H348 - Electric supercharger - Renew - With <u>DTC</u> clear	99.02.01.30	1.7	AJ814122 ZZZ001	1 \$6.50
H348	D	H348 - Electric supercharger - Renew - With <u>DTC</u> clear Drive in/drive out	99.02.01.30 10.10.10	1.7 0.2	AJ814122 ZZZ001	1 \$6.50

*Normal Warranty policies and procedures apply.

An allowance of \$6.50 USD or local equivalent has been provided to cover the cost of the necessary engine coolant.

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

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.

SERVICE INFORMATION

1. Make a note if the MIL light is illuminated on the JPC JPC before completing the Service Instruction.

SERVICE INSTRUCTION

1.

NOTE:

During the partial cooling system drain, the engine coolant must be collected in a clean container and re-used.

Renew the electric supercharger (see TOPIx Workshop Manual section 303-12D: Intake Air Distribution and Filtering - INGENIUM I6 3.0L Petrol - Removal and Installation - Electric Supercharger).

DIAGNOSTIC INSTRUCTION

NOTE:

Only vehicles with the **MIL** on the **JPC**, due to **DTC** P00B0-49 being stored in the **PCM**, must clear the **DTCs** after installing a new electric supercharger and claim either option code C or D. If the **MIL** is NOT illuminated, option code A or B must be claimed.

All vehicles

1.

CAUTIONS:

- This procedure requires a minimum of Pathfinder 337 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 Turbocharger / Supercharger Control Module (TSCM).
 - Select 'Update ECU'.
 - Follow all on-screen instructions to complete the task.

Vehicles with the **MIL** illuminated before the Service Instruction was completed **ONLY**

4. Select PCM.
 - Select 'Clear DTCs'.
 - Follow all on-screen instructions to complete the task.

All vehicles

5. If required, reset the vehicle to 'Transportation Mode'.
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6. When all of the tasks are complete, exit the session.
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7. Disconnect the JLR approved diagnostic equipment and the JLR approved battery support unit.