

TECHNICAL BULLETIN
JTB00393NAS1
08 APR 2015



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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: 303-04

Exhaust Manifold Internal Failure - 2.0L GTDi Only

AFFECTED VEHICLE RANGE:

XF (X250)

Model Year: 2013 Onwards

VIN: S66935 Onwards

Engine: GTDi 2.0L Petrol

MARKETS:

NAS

CONDITION SUMMARY:

Situation: On vehicles fitted with the 2.0L GTDi engine only, a loss of performance may be experienced and/or the Malfunction Indicator Lamp (MIL) may be illuminated and Diagnostic Trouble Code (DTC) P0299-00 may be stored in the Engine Control Module (ECM).

Cause: This may be caused by a breakdown of exhaust manifold internals causing a restriction and/or turbocharger damage.

Action: Should a customer express this concern, follow the Service Instruction outlined below.

PARTS:

C2D45424

Turbocharger

Quantity: 1

TOOLS:

Refer to Workshop Manual for any required special tools.

WARRANTY:

 **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.**

 **NOTE: DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.**

DESCRIPTION	SRO	TIME (HOURS)	CONDITION CODE	CAUSAL PART
Turbocharger - Renew	18.50.32	3.5	1	JDE34737
Read and clear DTCs	86.99.78	0.2	1	JDE34737

 **NOTE: Normal Warranty procedures apply.**

SERVICE INSTRUCTION:

-  **NOTE: a faulty turbocharger must be confirmed before continuing to step 2.**

Refer to TOPIx Workshop Manual, section 303-4D: Turbocharger Diagnosis and Testing, to verify a turbocharger issue.

- If the turbocharger is not found to be faulty, submit a Technical Assistance (TA) request for further assistance.
 - If the turbocharger is found to be faulty, continue to the next step.
- 2.** Install a new turbocharger (see TOPIx Workshop Manual, section 303-04).
 - 3.** Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
 - 4.** Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.
 - 5.** Read and clear Diagnostic Trouble Codes (DTC).
 - 6.** Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.
 - 7.** Exit the current session.
 - 8.** Disconnect the SDD and the battery power supply from the vehicle.