

JTBO0556NAS1

**TECHNICAL BULLETIN**

15 DEC 2017



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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.

**INFORMATION****SECTION:**

303-03: Engine Cooling

**SUBJECT/CONCERN:**

Electric Cooling Fans Continue To Operate

**AFFECTED VEHICLE RANGE:**

<b>MODEL:</b>	<b>MODEL YEAR:</b>	<b>VIN:</b>	<b>ASSEMBLY PLANT:</b>	<b>APPLICABILITY:</b>
XE (X760)	2017	921222-972867	Solihull	GTDi 2.0L Petrol

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**MARKETS:**

NORTH AMERICA

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**CONDITION SUMMARY:****SITUATION:**

The electric cooling fans may continue to operate, causing a noise from the engine compartment. The engine Malfunction Indicator Lamp (MIL) may also be illuminated with Diagnostic Trouble Code (DTC) P0116-24 stored.

**CAUSE:**

This may be caused by Powertrain Control Module (PCM) software with DTC P0116-24 stored.

**ACTION:**

Should a Customer express this concern, follow the Diagnostic Procedure below.

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**PARTS:**

No Parts Required

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**TOOLS:**

Jaguar Land  
Rover-approved  
Midtronics  
battery power  
supply



Jaguar Land  
Rover-approved  
diagnostic tool  
with latest SDD  
Software  
Management  
Pack

**WARRANTY:****NOTES:**

- 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 JLR claims submission system to obtain the latest repair time.
- The JLR Claims Submission System 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
Configure Existing Powertrain Control Module (PCM)	86.99.26	0.2	04	C2D40009

**NOTE:**

Normal Warranty procedures apply.

**SERVICE INFORMATION:**

- 1 Refer to Engine Cooling (see TOPIx workshop manual section 303-03: Engine Cooling - Diagnosis and Testing - Engine Cooling).
  - If necessary, resolve any hardware faults found before continuing.

**DIAGNOSTIC PROCEDURE:****CAUTIONS:**

- A Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during diagnosis / module programming.
- All ignition ON/OFF requests **MUST** be carried out; failure to perform these steps may cause damage to vehicle control modules.

#### NOTES:

- The Jaguar Land Rover-approved diagnostic tool must be loaded with SDD149.00 Software Management Pack v264 (or later).
- Use DDW to check for Service Action or Update Prior to Sale notice eligibility requiring a Powertrain Control Module (PCM) software update. If eligible, perform and claim the update as per that program.

- 1 Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
- 2 Switch the ignition ON (engine not running).
- 3 Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.
- 4 Follow the on-screen prompts, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.
- 5 If the hyperlink is not available:
  - 1 Select **Diagnosis** from the Session Type screen.
  - 2 Select the **Selected Symptoms** tab.
    - Select **Powertrain - Engine system - Engine performance - Poor acceleration and lack of power** or
    - **Powertrain - Engine system - Engine cooling - Cooling fan on constantly** or

- **Electrical - Instruments - Warning lamps - Engine malfunction lamp - Lamp illuminated**

- 3 Select **continue**.
- 4 Select the **Recommendations** tab.
- 5 Select **Run** to perform the '**Configure existing module - Powertrain control module**' option.

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6 Follow all on-screen instructions to complete this task.

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7 When all tasks are complete, exit the current session.

- 1 Select the **Session** tab.
- 2 Select the **Close Session** option.

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8 Disconnect the diagnostic tool and battery power supply from the vehicle.