

TECHNICAL BULLETIN
JTB00299NAS1
31 MAY 2013



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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: 303-14A

Engine Detonation Under Moderate Load

AFFECTED VEHICLE RANGE:

**XK Range (X150) - 5.0L
Supercharged only**

Model Year:

2010 Onwards

VIN:

B32753 Onwards

MARKETS:

NAS

CONDITION SUMMARY:

Situation: At approximately 1,200-1,500 rpm and while under a moderate load, the engine may exhibit an audible 'detonation'.

Cause: This may be caused by an EMS Calibration error.

Action: In the event of a customer concern of the above, refer to the Service Instruction outlined below.

PARTS:

No Parts Required

TOOLS:

 **NOTE: This document is an 'Active Bulletin' that will display a functional programming shortcut if accessed within a diagnostic session using SDD.**

IDS with latest IDS-DVD and Calibration File; first available on DVD134.01 v.133
Jaguar Land Rover-approved Midtronics Vehicle Power Supply

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
Configure existing powertrain control module	86.99.26	0.30	42	C2P16956

 **NOTE: Normal Warranty policies and procedures apply.**

SERVICE INSTRUCTION:

1.  **CAUTION: Ensure all ignition 'ON' / ignition 'OFF' requests are carried out; failure to perform these steps may cause damage to control modules in the vehicle.**

 **CAUTION: A Jaguar Land Rover-approved Midtronics Vehicle Power Supply must be connected to the vehicle battery during IDS / SDD diagnosis / module programming.**

 **NOTE: IDS must be loaded with DVD134.01 v.133 or later.**

Connect the Jaguar Land Rover-approved Midtronics Vehicle Power Supply to the vehicle battery.

2. Turn ignition 'ON' (engine not running).
3. Connect the Integrated Diagnostic System (IDS) to the vehicle and begin a new Symptom Driven Diagnostics (SDD) session.
4. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle.
5. Select 'Diagnosis' from the Session Type screen.
6. Select the 'Selected Symptoms' tab, and then select the following:
 - Powertrain - Engine system - Engine performance - Noises - Under load
7. Select the 'Recommendations' tab.
8. Select 'continue'.
9. From the Recommendations tab, select '**Run**' to perform the 'Configure existing module – Powertrain front control module' option.
10. Follow all on-screen instructions to complete this task.
11. Exit the current session.
12. Disconnect the IDS and the vehicle power supply from the vehicle.