

TECHNICAL BULLETIN  
JTB00437NAS1  
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**SECTION: 303-00**

Poor Engine Idle Quality From Cold Start When Selecting Forward Or Reverse Gears

**AFFECTED VEHICLE RANGE:**

**XF (X250)**

**Model Year:** 2013-2015

**VIN:** S47999-U88785

**Manufacturing Plant:** Castle Bromwich

**Engine:** GTDi 2.0L Petrol

**MARKETS:**

NAS

**CONDITION SUMMARY:**

**Situation:** Poor engine idle quality from a cold start when selecting forward or reverse gears may be evident with vibrations felt through the seat and steering wheel when the reverse or drive gear is selected and lasting approximately 40-60 seconds while improving over time.

**Cause:** This may be caused by the Engine Control Module (ECM) calibration..

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

**PARTS:**

No Parts Required

**TOOLS:**



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

SDD with latest DVD and Calibration File

Jaguar Land Rover-approved Midtronics battery power supply

**WARRANTY:**



**NOTE:** the Engine Control Module (ECM) may also be referred to as the Powertrain Control Module (PCM).



**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
Update Engine Control Module (ECM) software	<b>86.99.13</b>	0.3	42	C2D28940



**NOTE: Normal Warranty procedures apply.**

### **DIAGNOSTIC PROCEDURE:**



**CAUTION: a Jaguar Land Rover-approved Midtronics battery power supply must be connected to the vehicle battery during SDD diagnosis / module programming.**



**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.**



**NOTE: SDD must be loaded with DVD142.02 v.211 or later.**

1. Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.



**NOTE: the Engine Control Module (ECM) may also be referred to as the Powertrain Control Module (PCM).**

2. Turn ignition 'ON' (engine not running).
3. Connect the Symptom Driven Diagnostics (SDD) system to the vehicle and begin a new session.
4. Follow the on-screen prompts, allowing SDD to read the VIN and identify the vehicle and initiating the data collect sequence.
5. Select 'Diagnosis' from the Session Type screen.
6. Select the 'Selected Symptoms' tab, and then select:
  1. Select the Symptoms tab and enter one of the following Symptoms.
    - Powertrain > Engine system > Engine performance > Engine judders and shakes > When cold
    - Powertrain > Engine system > Engine performance > Engine vibrates > When cold
    - Powertrain > Engine system > Engine performance > Poor idle > When cold
7. Select 'continue'.
8. Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - Powertrain control module' option.
9. Follow all on-screen instructions to complete this task, ensuring all DTCs are cleared.
10. Exit the current session.
11. Disconnect the SDD and the battery power supply from the vehicle.