

TECHNICAL BULLETIN
JTB00454NAS1
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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: 307-00

Transmission Poor Down-Shift Quality

AFFECTED VEHICLE RANGE:

XF (X250)

Model Year: 2014-2015

VIN: U06496-U88785

Manufacturing Plant: Castle Bromwich

Engine: GTDi 2.0L Petrol

MARKETS:

NAS

CONDITION SUMMARY:

Situation: Transmission poor down-shift quality may be experienced when slowing to a full stop, especially while in slow-moving traffic.

Cause: This may be caused by transmission output speed signal noise leading to adaptations being out of range for 3-2-1 and 2-1 down-shift.

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

PARTS:

No Parts Required

TOOLS:

 **NOTE: this 'Active Bulletin' 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: 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 Transmission Control Module (TCM) software	86.99.14	0.2	04	C2Z30601

 **NOTE: Normal Warranty procedures apply.**

SERVICE INSTRUCTION:

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 DVD143.05 v.220 or later.

- 1 Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
- 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:
 - Powertrain > Automatic transmission and transaxle > Automatic transmission and transaxle symptoms > Harsh gear change
- 7 Select 'continue'.
- 8 Select the 'Recommendations' tab, and then select '**Run**' to perform the 'Configure existing module - Transmission 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.