

JTB00563NAS1

# TECHNICAL BULLETIN

09 JUN 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

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## SECTION:

303-14A: Electronic Engine Controls

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**SUBJECT/CONCERN:**

Engine Stalls During Transmission Downshift - Manual Transmission Only

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**AFFECTED VEHICLE RANGE:**

<b>MODEL:</b>	<b>MODEL YEAR:</b>	<b>VIN:</b>	<b>ASSEMBLY PLANT:</b>	<b>APPLICABILITY:</b>
F-TYPE (X152)	2016	K22185-K35309	Castle Bromwich	V6 S/C 3.0L Petrol , Vehicles With: 6S45 6-Speed Manual Transmission RWD

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**MARKETS:**

NORTH AMERICA

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

On manual transmission-equipped vehicles only, the engine may stall during a transmission downshift, occurring when the driver of the vehicle does not allow the clutch to fully retract during downshifting.

**CAUSE:**

This may be caused by a Powertrain Control Module (PCM) software error.

**ACTION:**

Should a Customer express a concern, follow the Service Instruction and Diagnostic Procedure below.

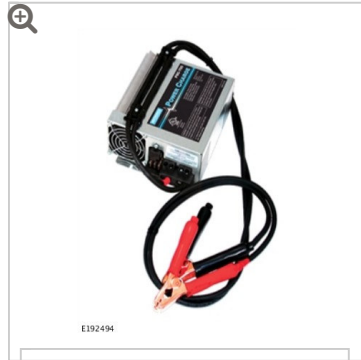
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**PARTS:**

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, Calibration File

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#### **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 TOPIx 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	T2R16977

**NOTE:**

Normal Warranty procedures apply.

**SERVICE INSTRUCTION:**

- 1 Refer to Manual Transmission and Clutch (see TOPIx Workshop Manual section 308-00: Diagnosis and Testing - Manual Transmission and Clutch).
  - Resolve any hardware faults before continuing to the Diagnostic Procedure.

**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 DVD149.03 and Calibration File 267 (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.

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- 1 Connect the Jaguar Land Rover-approved Midtronics battery power supply to the vehicle battery.
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- 2 Switch the ignition ON (engine not running).
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- 3 Connect the Jaguar Land Rover-approved diagnostic tool to the vehicle and begin a new session.
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- 4 Follow the on-screen prompts, allowing the diagnostic tool to read the VIN, identify the vehicle, and initiating the data collect sequence.
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- 5 Select **Diagnosis** from the Session Type screen.
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- 6 Select the **Selected Symptoms** tab and then select:
    - **Powertrain - Engine system - Engine performance - Engine speed dips** or
    - **Powertrain - Engine system - Engine performance - Engine stalls**
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- 7 Select **continue**.
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- 8 Select the **Recommendations** tab.

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- 9 Select **Run** to perform the '**Configure existing module - Powertrain control module**' option.
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- 10 Follow all on-screen instructions to complete this task.
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- 11 When all tasks are complete, select the **Session** tab and then select the **Close Session** option.
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- 12 Disconnect the diagnostic tool and battery power supply from the vehicle.