6.7L - ILLUMINATED MALFUNCTION INDICATOR LAMP (MIL) WITH DIAGNOSTIC TROUBLE CODE (DTC) P203B - BUILT ON OR BEFORE 21-AUG-2017	TSB 17-0068

FORD:

2016-2017 F-650, F-750

ISSUE

Some 2016-2017 F-650/750 vehicles equipped with a 6.7L engine and built on or before 21-Aug-2017 may exhibit an illuminated MIL with DTC P203B in the powertrain control module (PCM) memory. This may be due to a low voltage condition reducing the ability of the integrated reductant level sensor to monitor reductant tank fluid levels.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Connect the Ford Integrated Diagnostic System (IDS) service tool or equivalent scan tool to the data link connector (DLC). Check for DTCs. Is P203B the only DTC stored in the PCM memory?
   a. Yes - proceed to Step 2.
   b. No - this article does not apply. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnostics.
2. Replace the reductant tank. Refer to Workshop Manual (WSM), Section 303-08.

Tool List	
Size Drive	Description
1/4”	Ratchet
1/4”	Torque Wrench
1/4”	8 mm Shallow Socket
3/8”	Torque Wrench
3/8”	Ratchet
3/8”	Power Tool
3/8”	13 mm Deep Socket
3/8”	10 mm Short Socket
3/8”	Torx Socket T45
3/8”	6" extension
	Trim Tool
	Pocket Screwdriver

Special Tools	
Number	Description
310-123	Locking Ring, Fuel Tank
391–24226	Rotunda Deluxe 6-Gallon DEF Extractor

NOTE: The information contained in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment 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". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article.The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supercede this information with updates.The most recent information is available through Ford Motor Company's on-line technical resources.

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PART NUMBER	PART NAME
FC4Z-5J250-H	Reductant Tank Assembly
4L3Z-9276-AA	Reductant Pump and Heater Assembly Gasket
W520803-S439	Tank Strap Nuts - (4 Req)
W503300-S450	Tank Strap Bolts - (4 Req)
PM-27-JUG	Motorcraft® Diesel Exhaust Fluid (DEF) 2.5 Gallon Container - (2 Req)

OPERATION	DESCRIPTION	TIME
170068A	2016-2017 F650/750 6.7L DI T: Retrieve DTC And Replace The Reductant Tank Includes Time To Transfer Necessary Components (Do Not Use With Any Other Labor Operations)	1.5 Hrs.

WARRANTY STATUS:
Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

DEALER CODING

BASIC PART NO.	CONDITION CODE
5J250	42