



TECHNICAL SERVICE BULLETIN

6.7L - Illuminated Malfunction Indicator Lamp (MIL) - Various Diagnostic Trouble Codes (DTCs) - Built On Or Before 9-Jul-2018

18-2225

25 July 2018

Model:

Ford 2017-2018 F-Super Duty

Issue: Some 2017-2018 F-Super Duty vehicles equipped with a 6.7L diesel engine built on or before 09-Jul-2018 may exhibit an illuminated MIL with DTCs P24AE, P24AF, P24B1, P24B3, P24C6, P24C7, and/or P24DA in the powertrain control module (PCM). This may be due to a concern with the diesel particulate matter sensor.

Action: Follow the Service Procedure steps to correct the condition.

Parts

Part Number	Description	Quantity
JC3Z-5L239-A	Particulate Matter Sensor - Chassis Cab With 166", 168", 193" And 205" Wheelbase	1
JC3Z-5L239-B	Particulate Matter Sensor - Chassis Cab With 145", 179" And 192" Wheelbase	1
JC3Z-5L239-C	Particulate Matter Sensor - All Pickup	1
W718816-S300	Retainer	2
W718873-S300	Clip	2

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.

Labor Times

Description	Operation No.	Time
2017-2018 F-Super Duty 6.7L: Retrieve DTCs And Replace The Particulate Matter Sensor (Do Not Use With Any Other Labor Operations)	182225A	0.6 Hrs.

Repair/Claim Coding

Causal Part:	5L239
Condition Code:	42

Tool List

Drive	Tool Name
1/2"	Ratchet
1/2"	Torque Wrench
1/2"	5" Extension
1/2"	24 mm 6 Point Flare Nut Crows Foot
	Trim Tool

Service Procedure

1. Check the vehicle build date. Was the vehicle built on or before 9-Jul-2018?

(1). Yes - proceed to Step 2.

- (2). No - this article does not apply. Refer to the Powertrain Control and Emissions Diagnostics (PC/ED) Manual for normal diagnostics.
2. Using the appropriate Ford diagnostic scan tool or equivalent, retrieve DTCs. Does the vehicle have DTCs P24AE, P24AF, P24B1, P24B3, P24C6, P24C7, and/or P24DA stored in the PCM?
- (1). Yes - proceed to Step 3.
- (2). No - this article does not apply. Refer to the PC/ED Manual for normal diagnostics.
3. Replace the particulate matter sensor. Refer to the Workshop Manual (WSM), Section 303-14C.

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