



TECHNICAL SERVICE BULLETIN

6.7L - Illuminated MIL With DTCs P2074, P0401, P0402 And/Or P0170 - Built On Or Before 9-Jan-2019

19-
2271
05
September
2019

This bulletin supersedes 19-2160. Reason for update: Incorrect Procedure

Model:

Ford 2017-2019 F-Super Duty

Summary

This message is superseding TSB 19-2160 to update the Service Procedure.

Issue: Some 2017-2019 F-Super Duty vehicles equipped with a 6.7L engine built on or before 9-Jan-2019 may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble codes (DTCs) P2074, P0401, P0402 and/or P0170. This may be due to various strategies within the powertrain control module (PCM) software. To correct the condition, follow the Service Procedure steps to reprogram the PCM and perform a mass air flow (MAF) parameter reset.

Action: Follow the service procedure steps to correct the condition on vehicles that meet all of the following criteria:

- 2017-2019 F-Super Duty built on or before 9-Jan-2019
- 6.7L diesel engine
- Only DTCs P2074, P0401, P0402 and/or P0170 are stored in the PCM

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
2017-2019 F-Super Duty 6.7L: Retrieve DTCs And Reprogram The PCM Includes Time To Reset/Clear MAF Sensor (Do Not Use With Any Other Labor Operations)	192271A	0.5 Hrs.

Repair/Claim Coding

Causal Part:	RECALEM
Condition Code:	04

Service Procedure

NOTE: This calibration will increase diesel exhaust fluid (DEF) dosing for high-load operation per regulatory direction. Advise the customer that an increase in DEF consumption will occur after installing this PCM software update.

1. Reprogram the PCM using the latest software level of the appropriate Ford diagnostic scan tool.

NOTE: Advise the customer that this vehicle is equipped with an adaptive transmission shift strategy which allows the vehicle's computer to learn the transmission's unique parameters and improve shift quality. When the adaptive strategy is reset, the computer will begin a relearning process. This relearning process may result in firmer than normal upshifts and downshifts for several days.

2. Perform a MAF parameter reset.

(1). Using the appropriate Ford scan tool go to Toolbox > Powertrain > Service Functions > Reset/Clear Specified Function > Reset/Clear Functions > MAF Sensor.

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