



## TECHNICAL SERVICE BULLETIN

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

**19-  
2343**  
15  
November  
2019

This bulletin supersedes 19-2271. Reason for update: New Part/Procedure For Same Condition

#### Model:

<b>Ford</b> 2017-2018 F-Super Duty	Engine: 6.7L
2019 F-450/F-550 Chassis Cab	Engine: 6.7L

#### Summary

This message is superseding TSB 19-2271 to update the Issue, Action and Service Procedure.

**Issue:** Some 2017-2018 F-Super Duty and 2019 F-Super Duty F-450/F-550 Chassis Cab only 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:

- One of the following vehicles:
  - 2017-2018 F-Super Duty
  - 2019 F-450/F-550 chassis cab only
- 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)	192343A	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. 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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NOTE: The information 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 or Lincoln 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 supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.