



TECHNICAL SERVICE BULLETIN

6.7L - Pickup Only - Illuminated MIL With DTC P0170 - Built On Or Before 31-Oct-2019

**19-
2344**
15
November
2019

Model:

Ford 2019 F-Super Duty	Engine: 6.7L
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Issue: Some 2019 F-Super Duty pickup vehicles equipped with a 6.7L engine built on or before 31-Oct-2019 may exhibit an illuminated malfunction indicator lamp (MIL) with only diagnostic trouble code (DTC) P0170 stored in the powertrain control module (PCM). This may be due to various strategies within the PCM software. To correct the condition, follow the Service Procedure steps to reprogram the PCM and perform a mass airflow (MAF) sensor parameter reset.

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

- 2019 F-Super Duty
- 6.7L diesel engine
- Pickup only
- Less than 10,000 pound gross vehicle weight rating (GVWR)
- Built on or before 31-Oct-2019
- Only DTC P0170 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
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)	192344A	0.5 Hrs.

Repair/Claim Coding

Causal Part:	RECALEM
Condition Code:	04

Service Procedure

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.