



TECHNICAL SERVICE BULLETIN

6.7L - Illuminated MIL With DTC P2002

24-2145
20 May 2024

Model:

Ford 2021 F-650/F-750	Engine: 6.7L
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Markets: North American markets only

Issue: Some 2021 F-650/F-750 vehicles equipped with a 6.7L engine may exhibit an illuminated MIL and DTC P2002 stored in the PCM. This may be due to a cracked DPF and the software in the PCM. To correct the condition, follow the Service Procedure to replace the DPF and reprogram the PCM.

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

- 2021 F-650/F-750
- Equipped with a 6.7L engine
- Illuminated MIL and DTC P2002

Parts

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
W705443-S900	17	5	4	Oxidation Catalytic Converter Retainer
FC4Z-5E241-B	1	1	1	Oxidation Catalytic Converter Gasket
FC4Z-5E241-A	2	2	1	Diesel Particulate Filter Gasket
FC4Z-5H221-A	1	1	1	Diesel Particulate Filter

Claim Quantity refers to the total number of individual pieces required to repair the vehicle.

Package Order Quantity refers to the amount of the service part number package(s) required to repair the vehicle.

Number In Package refers to the number of individual pieces included in a service part number package.

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Emissions Warranty/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/Emissions Warranty/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2021 F-650/F-750 6.7L: Replace The DPF And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	242145A	2.0 Hrs

Repair/Claim Coding

Causal Part:	5H270
Condition Code:	01

Service Procedure

1. Replace the DPF. Refer to WSM, Section 309-00A.

2. Reprogram the PCM using the latest software version of the IDS scan tool.

NOTE: Advise the customer 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.

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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.