



TECHNICAL SERVICE BULLETIN

Illuminated MIL With DTCs P0420 And/Or P0430

25-2119

25 March
2025

Model:

Ford 2021-2022 F-Super Duty	Engine: 7.3L Pickup only
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Markets: North American markets only

Issue: Some of the vehicles listed in the Model statement above may exhibit an illuminated MIL with DTCs P0420 and/or P0430 stored in the PCM. This may be due to the software in the PCM.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to diagnose the catalytic converter deficiency and reprogram the PCM.

Parts

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
LC3Z-5F250-B	1	1	1	Dual Catalytic Converter Y-Pipe
W714717-S439	2	1	4	Exhaust Y-Pipe-To-Resonator Bolts
W520514-S440	4	4	1	Exhaust Y-Pipe-To-Exhaust Manifold Nuts
W714656-S439	4	1	4	Hanger Bracket Bolts
XL-1	As Needed	As Needed		Motorcraft® Penetrating and Lock Lubricant
XL-2	As Needed	As Needed		Motorcraft® High Temperature Nickel Anti-Seize Lubricant

Service part numbers and "number in package" quantity may change after publication, thus also affecting the "package order quantity". Refer to the parts catalog for the latest information.

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.

As Needed indicates the part is necessary but amount of the part may vary and/or is not a whole number. Parts can be billed out as non-whole numbers, including less than 1.

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

Labor Times

Description	Operation No.	Time
2021-2022 F-Super Duty 250/350 7.3L Pickup: Retrieve DTCs And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	252119A	0.4 Hrs.

Repair/Claim Coding

Causal Part:	5F250
Condition Code:	42

Service Procedure

1. Using the FDRS scan tool, perform a Self-Test of the PCM. Document all DTCs present. Is P0420 and/or P0430 present?
 - (1). Yes - proceed to Step 2.
 - (2). No - this article does not apply. Refer to the WSM for normal diagnostics.

2. Reprogram the PCM using the latest software level of the FDRS 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.

3. Refer to the WSM for normal diagnostics of all DTCs, including P0420 and/or P0430, documented in Step 1. Repair as necessary outside of this article.

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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.