



TECHNICAL SERVICE BULLETIN

3.7L Ti-VCT - Illuminated MIL - DTCs P0420 And/Or P0430

**21-
2063**
05 March
2021

This bulletin supersedes 19-2366. Reason for update: Concern Carryover to New Model

Model:

Ford 2016-2019 Police Interceptor Sedan	Engine: 3.7L Ti-VCT
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Summary

This article supersedes TSB 19-2366 to update the labor operation and warranty status.

Issue: Some 2016-2019 Police Interceptor Sedan vehicles equipped with a 3.7L twin independent variable camshaft timing (Ti-VCT) engine may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble codes (DTCs) P0420 and/or P0430. This may be due to a damaged catalytic converter. To correct the condition, follow the Service Procedure to replace the catalytic converter and reprogram the powertrain control module (PCM).

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

- 2016-2019 Police Interceptor Sedan
- 3.7L Ti-VCT engine
- Exhibits an illuminated MIL with DTCs P0420 and/or P0430 stored in the PCM

NOTE: Part quantity refers to the number of that service part number required, which may be different than the number of individual pieces. Service part numbers contain 1 piece unless otherwise stated. "As Needed" indicates the part is required but the number may vary or is not a whole number; parts can be billed out as non-whole numbers, including less than 1.

Parts

Part Number		Description	Quantity
FB5Z-5G232-A	-	Catalyst, Left Side	1
FB5Z-5G232-B	-	Catalyst, Right Side	1
W716011-S430	Package Contains 4 Pieces, 12 Pieces Required	Exhaust Manifold To Cylinder Head Stud Nut	3
W712244-S300	Package Contains 12 Pieces, 12 Pieces Required	Exhaust Manifold To Cylinder Head Stud	1
W714265-S441	Package Contains 4 Pieces, 8 Pieces Required	Y-Pipe Nut	2
DA5Z-9450-A	-	Y-Pipe To Tail Pipe Gasket	1
7T4Z-9450-AA	Package Contains 1 Piece, 2 Pieces Required	Y-Pipe Gasket	2
DG1Z-9448-A			2

	Package Contains 1 Piece, 2 Pieces Required	Exhaust Manifold To Cylinder Head Gasket	
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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. For repairs covered by the NVLW, completion of the procedure outlined in this TSB does not require obtaining Prior Approval or completion of a Cost Cap.

Labor Times

Description	Operation No.	Time
2016-2019 Police Interceptor Sedan 3.7L: Retrieve DTCs, Replace The Right Catalytic Converter And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	DR212063A	1.8 Hrs.
2016-2019 Police Interceptor Sedan 3.7L: Retrieve DTCs, Replace The Left Catalytic Converter And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	DR212063B	1.6 Hrs.
2016-2019 Police Interceptor Sedan 3.7L: Retrieve DTCs, Replace Both The Right And Left Catalytic Converters And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	DR212063C	2.7 Hrs.

Repair/Claim Coding

Causal Part:	5G232
Condition Code:	42

Service Procedure

For repairs covered by the New Vehicle Limited Warranty, completion of the procedure outlined in this TSB does not require obtaining Prior Approval or completion of a Cost Cap.

1. Replace the affected catalytic converter per the DTC. Refer to Workshop Manual (WSM), Section 309-00.
2. 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.

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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.