



TECHNICAL SERVICE BULLETIN

Illuminated MIL With DTCs P3426, P3402, P3450, And/Or P3442 Stored In The PCM

25-2487

16 October
2025

Model:

Ford 2025 F-150	Engine: 5.0L Built on 01-Jan-2025 and through 30-Apr-2025
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Markets: North American markets only

Issue: Some vehicles listed in the Model Section above may exhibit DTCs P3426, P3402, P3450, and/or P3442 stored in the PCM. This may be due to a restriction in the cylinder deactivation solenoid oil feed tube.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to replace the affected cylinder deactivation solenoid oil feed tube.

Parts

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
ML3Z-6K602-A	1	1	1	Left Oil Tube
ML3Z-6K602-B	1	1	1	Right Oil Tube
ML3Z-6584-B	1	1	1	Right Valve Cover Gasket
ML3Z-6584-C	1	1	1	Left Valve Cover Gasket
ML3Z-6584-F	1	1	1	Left Valve Cover Gasket (Dual Generator)
ML3Z-9J323-B	1	1	1	Tube Assembly
JT4Z-9E583-A	1	1	1	Fuel Injector Pump Seal
TA357	As Needed	As Needed		Motorcraft® High Performance Engine RTV Silicone
VC-13-G	As Needed	As Needed		Motorcraft® Yellow Concentrated Antifreeze/Coolant (All Markets Except Canada)
CVC-13-G	As Needed	As Needed		Motorcraft® Yellow Concentrated Antifreeze/Coolant (Canada Only)

Parts - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
JL3Z-9439-A	Only If Necessary (Up To 8)	Only If Necessary (Up To 8)	1	Intake Manifold Gasket
ML3Z-6C535-A	Only If Necessary (Up To 8)	Only If Necessary (Up To 8)	1	Left Spark Plug Cover Seal
ML3Z-6C535-B	Only If Necessary (Up To 8)	Only If Necessary (Up To 8)	1	Right Spark Plug Cover Seal

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, also known as unit of issue (UOI).

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.

Only If Necessary indicates the part is not mandatory. Refer to the Service Procedure to determine the inspection/inclusion criteria.

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/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/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
2025 F-150 5.0L: Retrieve DTCs, Replace Right Oil Feed Tube, Includes To Remove And Install Valve Cover	252487A	3.6 Hrs.
2025 F-150 5.0L: Retrieve DTCs, Replace Left Oil Feed Tube, Includes To Remove And Install Valve Cover	252487B	1.3 Hrs.
2025 F-150 5.0L: Retrieve DTCs, Replace Both Right And Left Oil Feed Tubes, Includes To Remove And Install Valve Covers	252487C	4.6 Hrs.
Additional Time If Equipped With Dual Generators	252487D	0.4 Hrs.

Repair/Claim Coding

Causal Part:	6K602
Condition Code:	17

Service Procedure

- For DTCs P3402 and/or P3426, replace the right side cylinder deactivation solenoid oil feed tube.
 - Remove the right valve cover. Refer to WSM, Section 303-01D > Removal and Installation > Valve Cover RH > Removal > Steps 1-13.
 - Remove and replace the right cylinder deactivation solenoid oil feed tube. Refer to WSM, Section 303-01D > Removal and Installation > Camshaft RH > Removal > Step 2 only.
 - Install the right valve cover. Refer to WSM, Section 303-01D > Removal and Installation > Valve Cover RH > Installation > Steps 1-12.
- For DTCs P3442 and/or P3450, replace the left side cylinder deactivation solenoid oil feed tube.
 - Remove the left valve cover. Refer to WSM, Section 303-01D > Removal and Installation > Valve Cover LH > Removal > Steps 1-11 for single generator or 1-14 for dual generator equipped vehicles.
 - Remove and replace the left cylinder deactivation solenoid oil feed tube. Refer to WSM, Section 303-01D > Removal and Installation > Camshaft LH > Removal > Step 2 only.
 - Install the left valve cover. Refer to WSM, Section 303-01D > Removal and Installation > Valve Cover LH > Installation > Steps 1-12 for single generator or 1-14 for dual generator equipped vehicles.

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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.