



TECHNICAL SERVICE BULLETIN

26-2093

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

11 March
2026

This bulletin supersedes 25-2487. Reason for update: update the symptoms in the TSB title and issue, and update the parts list to include additional parts for the repair

Model:

Ford 2025 F-150	Built on 1-Jan-2025 and through 30-Apr-2025 Engine: 5.0L
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Markets: North American markets only

Issue: Some of the vehicles listed in the Model Section above may exhibit an illuminated MIL with 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 - Parts To Replace The Left Side Deactivation Solenoid Oil Feed Tube

Service Part Number	Claim Quantity	Number in Package	Description	Note
ML3Z-6K602-B	1		Left-Oil Tube	
ML3Z-6584-C	1		Left-Valve Cover Gasket	Vehicles with single generator
ML3Z-6584-F	1		Left-Valve Cover Gasket	Vehicles with dual generator
TA-357	As Needed		Motorcraft® High Performance Engine RTV Silicone	

Parts - Parts To Replace The Right Side Deactivation Solenoid Oil Feed Tube

Service Part Number	Claim Quantity	Number in Package	Description	Note
ML3Z-6K602-A	1		Right-Oil Tube	
ML3Z-6584-B	1		Right-Valve Cover Gasket	
JR3Z-9276-B	1		Right-Valve Cover Inner Gasket	
ML3Z-9J323-B	1		High Pressure Fuel Tube	
JT4Z-9E583-A	1		High-Pressure Fuel Pump O-Ring Seal	
TA-357	As Needed		Motorcraft® High Performance Engine RTV Silicone	
VC-13-G	As Needed		Motorcraft® Yellow Concentrated Antifreeze/Coolant	All Markets Except Canada
CVC-13-G	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	Description

ML3Z-6C535-A	Only If Necessary (Up To 8), 4 per side		VCT Seal
ML3Z-6C535-B	Only If Necessary (Up To 8), 4 per side		Spark Plug Seal
JL3Z-9439-A	Only If Necessary (Up To 8)		Intake Manifold Gasket
W718564-S450	Only If Necessary (Up To 2)		High Pressure Fuel Pump Mounting Studs

Claim Quantity refers to the total number of individual pieces required to repair the vehicle. This may differ from the number of service part number packages due to the 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: Warranty coverage limits and policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

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 (Can be claimed with D)	262093A	3.6 Hrs
2025 F-150 5.0L: Retrieve DTCs, Replace Left Oil Feed Tube, Includes To Remove And Install Valve Cover (Can be claimed with D)	262093B	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 (Can be claimed with D)	262093C	4.6 Hrs
Additional Time If Equipped With Dual Generators (Can be claimed with A or B or C)	262093D	0.4 Hrs

Repair/Claim Coding

Causal Part:	6K602
Condition Code:	17

Service Procedure

1. For DTCs P3402 and/or P3426, replace the right side cylinder deactivation solenoid oil feed tube.

1. Remove the right valve cover. Refer to the WSM, Section 303-01D > Removal and Installation > Valve Cover RH > Removal > Steps 1-13.

2. Remove and replace the right cylinder deactivation solenoid oil feed tube. Refer to the WSM, Section 303-01D > Removal and Installation > Camshaft RH > Removal > Steps 1-13.

3. Install the right valve cover. Refer to the WSM, Section 303-01D > Removal and Installation > Valve Cover RH > Installation > Steps 1-12.

2. For DTCs P3442 and/or P3450, replace the left side cylinder deactivation solenoid oil feed tube.

1. Remove the left valve cover. Refer to the 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.

2. Remove and replace the left cylinder deactivation solenoid oil feed tube. Refer to the WSM, Section 303-01D > Removal and Installation > Camshaft LH > Removal > Step 2 only.

3. Install the left valve cover. Refer to the 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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