



TECHNICAL SERVICE BULLETIN

Illuminated MIL With DTCs P2418:72 And/Or P2450 Stored In The PCM

26-2023

31 March
2026

Model:

Ford 2024-2026 Expedition
Lincoln 2024-2026 Navigator

Markets: North American markets only

Issue: Some vehicles listed in the Model section above may exhibit an illuminated MIL with DTCs P2418:72 and/or P2450 stored in the PCM. This may be due to improperly connected EVAP line connections inside the fuel tank.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to inspect the EVAP canister and the two vent line quick connectors inside the fuel tank.

Parts

Service Part Number	Claim Quantity	Description
4L3Z-9276-AA	1	Fuel Pump and Sender Unit O-ring Seal (2025-2026 Expedition/Navigator)
LU5Z-9276-A	1	Fuel Pump and Sender Unit O-ring Seal (2024 Expedition/Navigator)
NL3Z-9D653-F	1	Canister 122.5 in (3112 mm) Wheelbase
NL3Z-9D653-G	1	Canister 131.6 in (3342 mm) Wheelbase
KL1Z-9D333-A	1	Evap Blocking Valve

Parts - Parts To Inspect And Replace Only If Necessary

Service Part Number	Claim Quantity	Description	Note
RL1Z-9H307-A	Only If Necessary (1 Possible)	Fuel Pump and Sender Unit	Required only if the seal contact area is bent, scratched or corroded
JL1Z-9002-G	Only If Necessary (1 Possible)	Fuel Tank 122.5 in (3112 mm) Wheelbase	
JL1Z-9002-F	Only If Necessary (1 Possible)	Fuel Tank 131.6 in (3342 mm) Wheelbase	
W714023-S439	Only If Necessary (4 Possible)	Rear Stabilizer Stud Plates	
W520213-S440	Only If Necessary (4 Possible)	Rear Stabilizer Bar Bracket Nuts	

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. 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
2024-2026 Expedition/Navigator: Retrieve DTCs, Inspect EVAP Canister And Vent Lines Inside The Fuel Tank, Clean And Dry Fuel Tank Tube And Vapor Return Line Includes Time To replace EVAP Canister And EVAP Blocking Valve	262023A	1.9 Hrs
2024-2026 Expedition/Navigator: Additional Time To Replace Fuel Tank If Necessary (Can Be Claimed With Operation A)	262023B	0.1 Hrs

Repair/Claim Coding

Causal Part:	9D333
Condition Code:	01

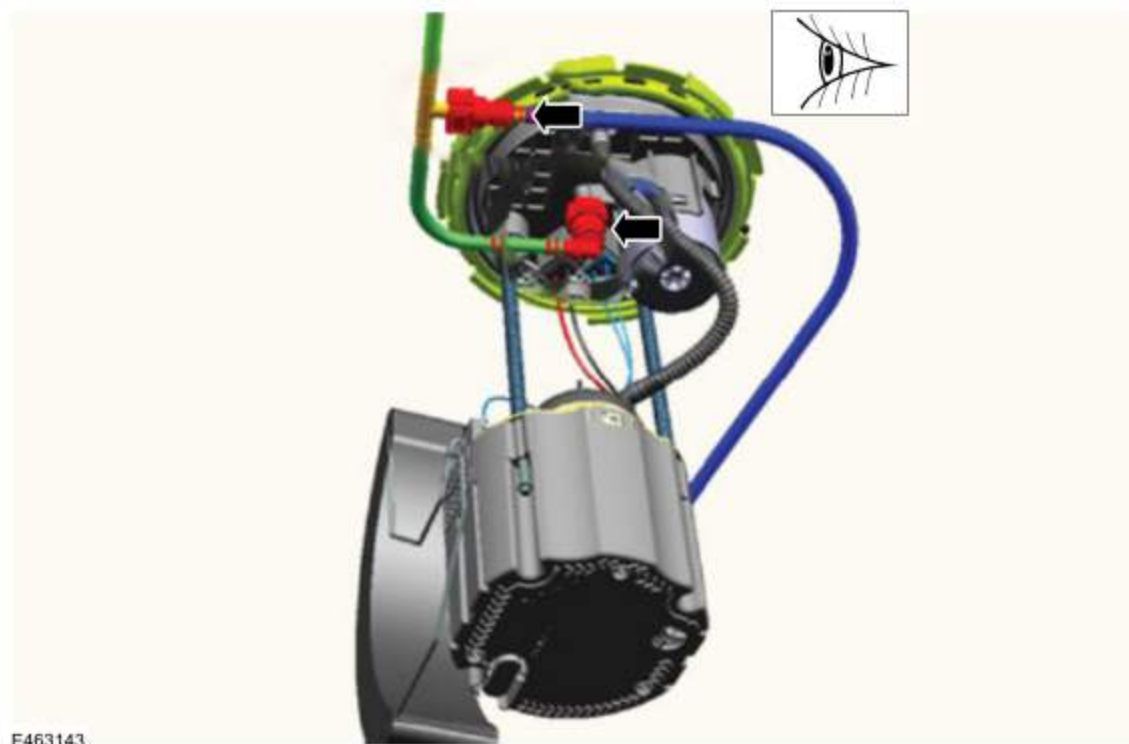
Service Procedure

1. Remove the EVAP canister. Refer to the WSM, Section 303-13.
2. Inspect the EVAP canister for any accumulation of liquid fuel. Is liquid fuel present?
 - (1). Yes - proceed to Step 3.
 - (2). No - this article does not apply, perform normal diagnostics outside of this article. Refer to the WSM, Section 303-13 > Diagnosis and Testing.

NOTE: Under normal operating conditions, fuel in the EVAP canister is present as vapor. A small amount of this vapor may condense into liquid fuel.

3. Remove the fuel pump and sender unit. Refer to the WSM, Section 310-01 Fuel Tank and Lines > Removal and Installation > Fuel Pump and Sender Unit.
4. Inspect the two vent line quick connectors inside the fuel tank (Figure 1) for looseness or damage. Reattach any loose connectors. If the connectors are damaged, replace the fuel tank. Refer to the WSM, Section 310-01 Fuel Tank and Lines > Removal and Installation > Fuel Tank.

Figure 1



5. Clean and dry the EVAP fuel tank tube (Figure 2), and the vapor return line (Figure 3).

Figure 2

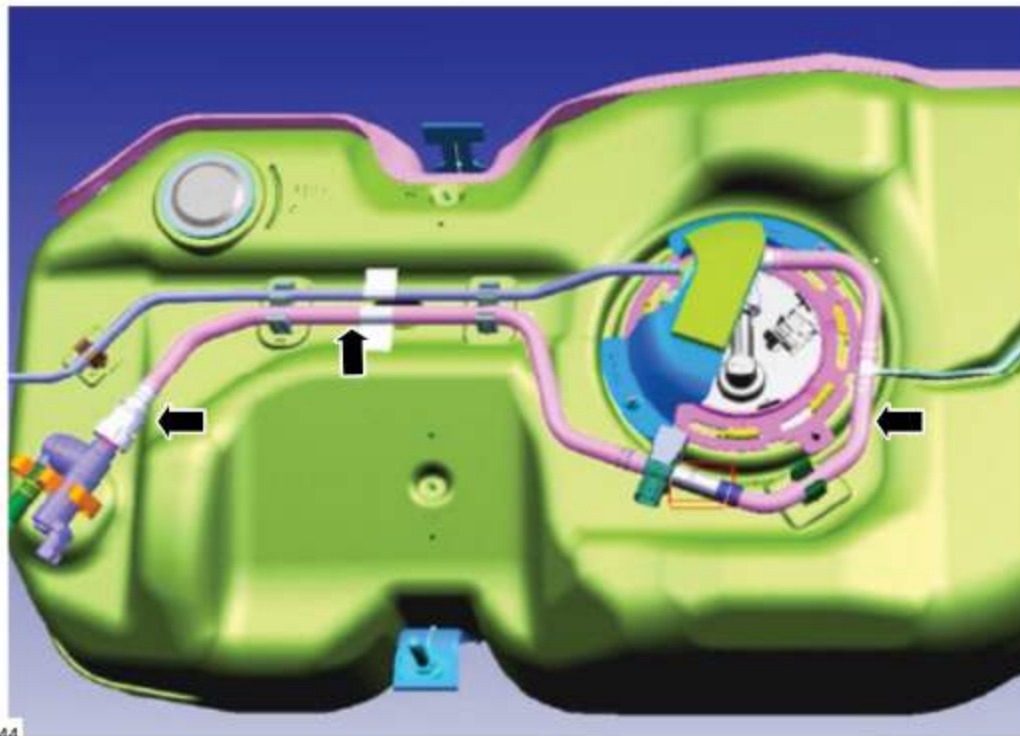
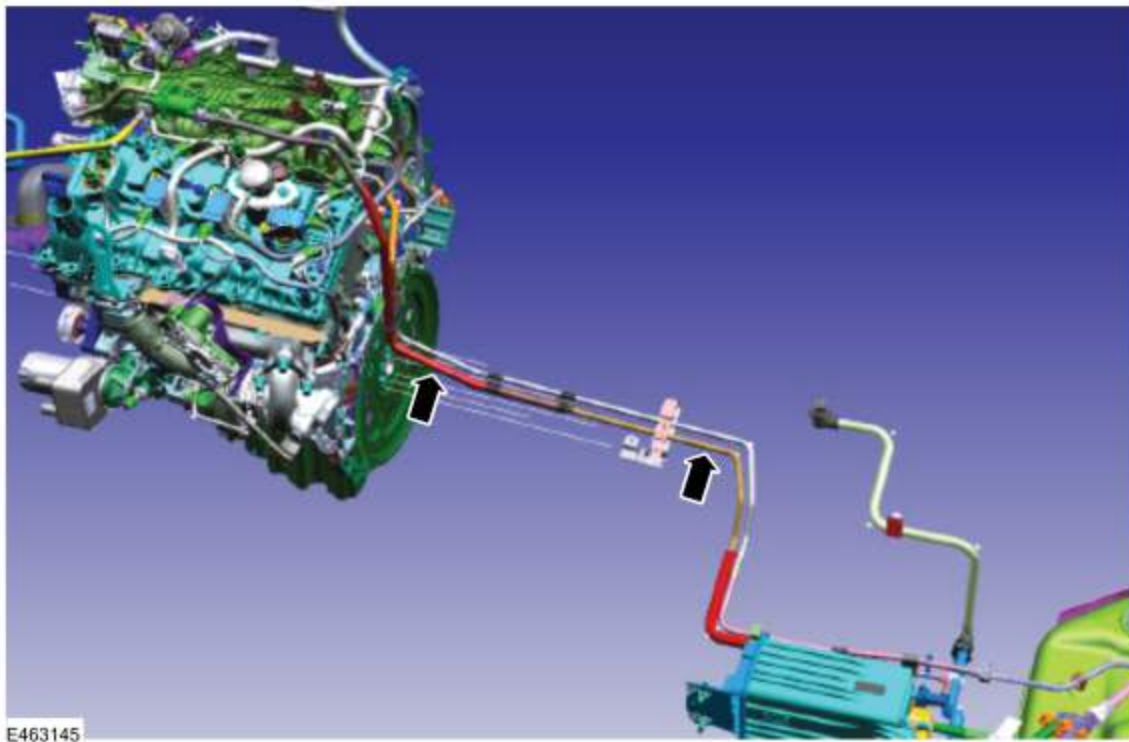


Figure 3



NOTE: An excessive amount of liquid fuel in the purge valve could result in purge valve damage. If so, this damage may set DTCs. Diagnose and repair any resulting DTCs as necessary outside of this article.

6. Replace the EVAP canister and the EVAP blocking valve. Refer to the WSM, Section 303-13 Evaporative Emissions > Removal and Installation > Evaporative Emission Blocking Valve.

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.