



## TECHNICAL SERVICE BULLETIN

### Vehicles Equipped With A 3.0L (Lion) Diesel Engine Built From 20-Jun-2023 - Illuminated MIL With DTCs P066A/C/E, P067A/C/E Or P06B9/P06BA/BB/BC/BD/BE

**24-2373**20 November  
2024

This bulletin supersedes 24-2271. Reason for update: Add/Remove/Update Parts/Part List, Revised Service Procedure (TSB/GSB) / Text (SSM)

#### Model:

<b>Ford</b> 2022-2024 Everest	Build Date: 18 January 2023 Onwards 3.0L (Lion) Diesel Engine
2022-2024 Ranger	Build Date: 18 January 2023 Onwards 3.0L (Lion) Diesel Engine

**Issue:** Some 2022-2024 Ranger and Everest vehicles equipped with a 3.0L (Lion) diesel engine built from 20-Jun-2023, may exhibit an illuminated Malfunction Indicator Lamp (MIL) with one or more of the following Diagnostic Trouble Codes (DTCs): P066A/P066C/P066E, P067A/P067C/P067E or P06B9/P06BA/P06BB/P06BC/P06BD/P06BE.

- The concern has been isolated and only impacts certain glow plugs. The TSB repair procedure has been revised to only replace the affected glow plug(s). These glow plugs have a distinct marking as per Figure 1 of the TSB Service Procedure below.

**Action:** Should a vehicle present with this concern, technicians are advised to refer to the Service Procedure below.

#### Parts

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
JL3Z 6731-A		1		Oil Filter Assembly
MB3Z 9E464-B		1		EGR Tube Outlet Gasket
MB3Z 9E464-A		1		EGR Tube Outlet Gasket
4S7Z 9E936-A		2		Inlet Manifold Gaskets
MB3Z 12A342-A		As required		Glow Plug

#### Labor Times

Description	Operation No.	Time
Connect the Ford Diagnosis and Repair System (FDRS) to the vehicle and check for DTCs	242373A	0.2 Hrs.
Road test the vehicle and ensure correct operation	242373B	0.4 Hrs.
Remove all glow plugs to inspect and replace/refit as required	242373C	1.3 Hrs.

#### Repair/Claim Coding

Causal Part:	12A342
Condition Code:	42

#### PDR Table

PDR Code	Description	Time
TSB242373A	Connect the Ford Diagnostic and Repair System (FDRS) to the vehicle and check for DTCs, Inspect glow plug identification markings, Replace 1 glow plug and Road test the vehicle and ensure correct operation	1.9 Hrs.
TSB242373B	Connect the Ford Diagnostic and Repair System (FDRS) to the vehicle and check for DTCs, Inspect glow plug identification markings, Replace 2 glow plugs and Road test the vehicle and ensure correct operation	1.9 Hrs.
TSB242373C	Connect the Ford Diagnostic and Repair System (FDRS) to the vehicle and check for DTCs, Inspect glow plug identification markings, Replace 3 glow plugs and Road test the vehicle and ensure correct operation	1.9 Hrs.
TSB242373D	Connect the Ford Diagnostic and Repair System (FDRS) to the vehicle and check for DTCs, Inspect glow plug identification markings, Replace 4 glow plugs and Road test the vehicle and ensure correct operation	1.9 Hrs.
TSB242373E	Connect the Ford Diagnostic and Repair System (FDRS) to the vehicle and check for DTCs, Inspect glow plug identification markings, Replace 5 glow plugs and Road test the vehicle and ensure correct operation	1.9 Hrs.
TSB242373F	Connect the Ford Diagnostic and Repair System (FDRS) to the vehicle and check for DTCs, Inspect glow plug identification markings, Replace 6 glow plugs and Road test the vehicle and ensure correct operation	1.9 Hrs.

## Service Procedure

1. Connect the Ford Diagnosis and Repair System (FDRS) to the vehicle and check for DTCs. Is one or more of the following DTCs logged?

P066A/P066C/P066E, P067A/P067C/P067E or P06B9/P06BA/P06BB/P06BC/P06BD/P06BE

1. No - this article does not apply, refer to the Workshop Manual (WSM) for normal diagnosis/repair and/or any other relevant Technical Service Bulletins (TSBs)/Special Service Messages (SSMs).

2. Yes - proceed to Step 2.

2. Remove all 6 glow plugs. For additional information refer to WSM Section 303-07D.

With all the glow plugs removed, carefully inspect the glow plug identification marks located on the connector just above the insulating washer. (Figure 1)

**Replace ONLY the glow plugs with the smaller imprint identification mark.**



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Figure 1

3. Road test the vehicle and ensure correct operation.