



TECHNICAL SERVICE BULLETIN

Engine Misfire With An Illuminated MIL And DTC(s) P0301, P0302, P0303, And/Or P0304 Stored In The PCM

26-2210

26 May 2026

Model:

Ford 2024 Bronco	Built on 1-Jun-2024 and through 31-Dec-2024 Engine: 2.3L EcoBoost
2025 Bronco Sport	Built on 1-Jun-2024 and through 31-Dec-2024 Engine: 1.5L / 2.0L EcoBoost
2024-2025 Escape	Built on 1-Jun-2024 and through 31-Dec-2024 Engine: 1.5L / 2.0L EcoBoost
2024-2025 Explorer	Built on 1-Jun-2024 and through 31-Dec-2024 Engine: 2.3L EcoBoost
2025 Maverick	Built on 1-Jun-2024 and through 31-Dec-2024 Engine: 2.0L EcoBoost
2024-2025 Mustang	Built on 1-Jun-2024 and through 31-Dec-2024 Engine: 2.3L EcoBoost
2024 Ranger	Built on 1-Jun-2024 and through 31-Dec-2024 Engine: 2.3L EcoBoost
Lincoln 2024-2025 Corsair	Built on 1-Jun-2024 and through 31-Dec-2024 Engine: 2.0L EcoBoost

Markets: North American markets only

Issue: Some of the vehicles listed in the Model statement above may exhibit all of the following conditions:

- Engine misfire condition.
- Illuminated MIL with DTCs P0301, P0302, P0303, and/or P0304 stored in the PCM.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to inspect the date code on the suspect ignition coil and replace as necessary.

Parts

Service Part Number	Claim Quantity	Description
P2GZ-12029-A	Only If Necessary (Up To 4)	Ignition Coil

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 Maverick 2.0L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace One Ignition Coil	262210A	0.4 Hrs

2025 Maverick 2.0L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace Two Or More Ignition Coils	262210B	0.5 Hrs
2024-2025 Mustang 2.3L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace One Ignition Coil	262210C	0.4 Hrs
2024-2025 Mustang 2.3L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace Two Or More Ignition Coils	262210D	0.5 Hrs
2024 Ranger 2.3L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace One Ignition Coil	262210E	0.6 Hrs
2024 Ranger 2.3L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace Two Or More Ignition Coils	262210F	0.8 Hrs
2024 Bronco 2.3L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace One Ignition Coil	262210G	0.4 Hrs
2024 Bronco 2.3L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace Two Or More Ignition Coils	262210H	0.5 Hrs
2025 Bronco Sport 1.5L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace One Ignition Coil	262210J	0.4 Hrs
2025 Bronco Sport 1.5L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace Two Or More Ignition Coils	262210K	0.5 Hrs
2024-2025 Escape 1.5L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace One Ignition Coil	262210L	0.5 Hrs
2024-2025 Escape 1.5L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace Two Or More Ignition Coils	262210M	0.6 Hrs
2024-2025 Escape/Corsair 2.0L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace One Ignition Coil	262210N	0.8 Hrs
2024-2025 Escape/Corsair 2.0L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace Two Or More Ignition Coils	262210P	1.0 Hrs
2024-2025 Explorer 2.3L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace One Ignition Coil	262210Q	0.4 Hrs
2024-2025 Explorer 2.3L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s); Replace Two Or More Ignition Coils	262210R	0.6 Hrs
2025 Bronco Sport 2.0L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s) Replace One Ignition Coil	262210S	0.3 Hrs
2025 Bronco Sport 2.0L EcoBoost: Retrieve DTCs; Inspect Date Code On Related Ignition Coil(s) Replace Two Or More Ignition Coils	262210T	0.5 Hrs

Repair/Claim Coding

Causal Part:	12029
Condition Code:	42

Service Procedure

NOTE: Each ignition coil has an 11-character alphanumeric manufacture code printed on top. The second through sixth characters of the manufacture code are the date code (Figure 1). The date code can be interpreted using the chart below.

Figure 1



E468328

NOTE: The date code in Figure 1 is 24730 = 30-Jul-2024

Table 1

Manufacture year	Description	Figure 1 (Example)
	First and second characters indicate the manufacture year.	24 = 2024
Manufacture month	Third character indicates the manufacture month. Use 1-9 for January through September and X, Y or Z for October, November and December.	7 = July
Manufacture day	Fourth and fifth characters indicate the manufacture day.	30 = 30th day

1. Access the ignition coil for the cylinder setting the misfire DTC. Refer to the WSM, Section 303-07 > Removal and Installation > Ignition Coil-On-Plug. Perform only the steps necessary to view the date code located on the top of the suspect ignition coil.
2. Inspect the date code on the ignition coil for the cylinder setting the misfire DTC. Is the ignition coil build date on 01-Apr-2024 and through 31-Oct-2024?
 - (1). Yes - install a new ignition coil on the suspect cylinder. Refer to the WSM, Section 303-07 > Removal and Installation > Ignition Coil-On-Plug.
 - (2). No - this article does not apply. Continue with normal diagnostics outside of this article. Refer to the WSM, Section 303-07.

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