



TECHNICAL SERVICE BULLETIN

Powertrain Malfunction (Wrench) Indicator With DTC P0B24 Stored In The BECM

25-2414

29 August
2025

Model:

Ford 2025 Mustang Mach-E	Built On Or Before 31-Jul-2025 Extended Range Battery
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Markets: North American markets only

Issue: Some of the vehicles listed in the Model statement above may exhibit a powertrain malfunction (wrench) indicator with DTC P0B24 stored in the BECM. This may be due to the BECM software level.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to reprogram the BECM module.

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 Mustang Mach-E: Retrieve DTCs And Reprogram The Appropriate Modules Following The Procedure (Do Not Use With Any Other Labor Operation)	AP252414A	Actual Time Up To 0.6 Hrs.

Repair/Claim Coding

Causal Part:	10B687
Condition Code:	04

Service Procedure

1. Connect a battery charger such as Rotunda GRX-3590 or DCA-8000 to the 12-volt battery.

NOTE: To prevent the battery saver mode from activating on the vehicle, make sure the negative cable of the charger is installed on a chassis or engine ground, and not the 12-volt battery negative terminal. Do not have the vehicle plugged into high voltage battery charger during programming. This can cause incorrect module programming. Make sure only the 12-volt battery charger is installed.

2. Reprogram the PCM using the latest software level of the FDRS scan tool. Follow all on-screen instructions carefully to complete all required coordinated module software update(s), including:

- SOBDM
- BECM
- SOBDMB
- SOBDMC
- ABS module

3. Clear all DTCs and perform a KOEO on-demand self test of the BECM. If the DTC P0B24 still present, refer to WSM, Section 414-03A for normal diagnostics outside this article.

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.