



TECHNICAL SERVICE BULLETIN

Powertrain Malfunction (Wrench) Indicator With DTC P0ADA Stored In The BECM

25-2145

11 April 2025

Model:

Ford 2022-2024 Mustang Mach-E	Built On Or After 29-May-2022 Extended range battery
---	---

Markets: North America markets only

Issue: Some of the vehicles listed in the Model statement above may exhibit a powertrain malfunction (wrench) indicator with DTC P0ADA 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
2022-2024 Mustang Mach-E: Retrieve DTCs, Reprogram The PCM, SOBDM, BECM, SOBDMB, SOBDMC, ABS Modules Includes Time To Download And Run The BECM Reset DTC Occurrence Counter If Necessary (Do Not Use With Any Other Labor Operations)	252145A	0.7 Hrs.

Repair/Claim Coding

Causal Part:	10B687
Condition Code:	04

Service Procedure

NOTE: If the FSA 23S56 is active for a specific VIN, this article does not apply and the FSA must be performed.

1. Connect a battery charger to the 12-volt battery. If the 12-volt battery is discharged, charge the battery. Refer to WSM, Section 414-01, Diagnosis and Testing.

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 the 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. Follow all on-screen instructions carefully to complete all required coordinated module software update(s), including:
 - SOBDM
 - BECM
 - SOBDMB
 - SOBDMC
 - ABS
3. If DTC P0ADA remains present, download and run the "BECM - Reset Diagnostic Trouble Code (DTC) Occurrence Counter" application in FDRS.

© 2025 Ford Motor Company

All rights reserved.

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.