



## TECHNICAL SERVICE BULLETIN

### Illuminated Powertrain Malfunction Indicator (Wrench) Lamp With DTC P0C28 Stored In The SOBDMC

25-2274

23 June 2025

#### Model:

|                                         |                                                              |
|-----------------------------------------|--------------------------------------------------------------|
| <b>Ford</b><br>2024-2025 Mustang Mach-E | Built on or before 04-Apr-2025<br>LFP Standard Range Battery |
|-----------------------------------------|--------------------------------------------------------------|

**Markets:** North American markets only

**Issue:** Some of the vehicles listed in the Model statement above equipped with lithium-ion phosphate (LFP) standard range battery with minor feature code HTHAH may exhibit an illuminated powertrain malfunction indicator (wrench) lamp with the DTC P0C28 stored in the SOBDMC. To confirm a vehicle is built with a certain minor feature code, review the build information by double-clicking the VIN in the upper left corner in the PTS.

**Action:** For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to reprogram the SOBDMC via the PCM coordinated reflash procedure.

**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                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------|
| 2024-2025 Mustang Mach-E: Reprogram The Appropriate Modules As Required By The Software Update And Service Procedure, Includes Time To Download And Run The BECM Reset DTC Occurrence Counter Application If Required | AP252274A     | Actual Time Up To 0.7 Hrs |

#### Repair/Claim Coding

|                 |       |
|-----------------|-------|
| Causal Part:    | 7P120 |
| Condition Code: | 04    |

## Service Procedure

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 scan tool. Follow all on-screen instructions carefully to complete all required coordinated module software update(s), including:

- SOBDM
- BECM
- SOBDMB
- SOBDMC
- ABS module

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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.