

**TECHNICAL SERVICE BULLETIN****Red Triangle Illuminated Or CSI Blinking Red With DTCs P27B4, P0A7F And/Or P0CF7****25-2343**

25 July 2025

This bulletin supersedes 22-2491. Reason for update: update labor times from M-time to AP-time and add a limit.

Model:

Ford 2021-2022 Mustang Mach-E	Built on or before 17-Sep-2022
2022 e-Transit	

Markets: North American markets only

Issue: Some of the vehicle listed in the model statement above may exhibit at least one of the following conditions:

- Illuminated red triangle with DTC P27B4 stored in the SOBDMC
- CSI is blinking red with DTC P0A7F stored in the BECM
- DTC P0CF7 stored in the SOBDM

This may be due to an unsecured plug-in EVSE.

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

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
2021-2022 Mustang Mach-E, 2022 E-Transit: Reprogram The Appropriate Modules As Required By The Software Update And Service Procedure.	AP252343A	AP Time Up To 0.7 Hrs.

Repair/Claim Coding

Causal Part:	10B689
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 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 SOBDM 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:

- BECM
- SOBDMB
- SOBDMC

- ABS module
- PCM

NOTE: Only one module may be updated at a time.

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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.