



# TECHNICAL SERVICE BULLETIN

## 2.5L PHEV - Illuminated MIL And/Or Engine Coolant Over Temperature Warning Message And DTC P2183:00 Stored In The PCM

**22-2127**

11 April 2022

### Model:

<b>Ford</b> 2020-2022 Escape	Engine: 2.5L PHEV Built on or before 3-Mar-2022
<b>Lincoln</b> 2021-2022 Corsair	Engine: 2.5L PHEV Built on or before 3-Mar-2022

**Issue:** Some 2020-2022 Escape plug-in hybrid electric vehicle (PHEV) and 2021-2022 Corsair PHEV built on or before 3-Mar-2022 may exhibit an illuminated malfunction indicator lamp (MIL) and/or engine coolant over temperature warning message with diagnostic trouble code (DTC) P2183 stored in the powertrain control module (PCM). DTC P26C1 may also be present due to DTC P2183 setting. This condition occurs when the vehicle is driven with the cabin coolant heater active and after an engine long soak the DTC P2183 will incorrectly set at next key on. This may be due to the soak timer feature in the PCM that miscalculates the heater off soak timer. To correct the condition, follow the Service Procedure to reprogram various modules starting with the PCM.

**Action:** Follow the Service Procedure steps to correct the condition on vehicles that meet all the following criteria:

- One of the following vehicles:
  - 2020-2022 Escape
  - 2021-2022 Corsair
- PHEV
- Built on or before 3-Mar-2022
- Illuminated MIL and/or engine coolant over temperature message and DTC P2183

**Warranty Status:** Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Emissions Warranty/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/Emissions Warranty/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

### Labor Times

Description	Operation No.	Time
2020-2022 Escape PHEV, 2021-2022 Corsair PHEV: Reprogram The PCM And Any Other Appropriate Modules Required By The Software Update And Service Procedure (Do Not Use With Any Other Labor Operations)	MT222127	Actual Time

### Repair/Claim Coding

Causal Part:	RECALEM
Condition Code:	04

### Service Procedure

1. Connect a battery charger 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 Ford Diagnosis and Repair System (FDRS).

**3. Check the availability for software updates on the following modules and update as required:**

- Secondary on-board diagnostic control module (SOBDM)
- Secondary on-board diagnostic control module B (SOBDM-B) - Corsair only
- Secondary on-board diagnostic control module C (SOBDM-C)
- Battery energy control module (BECM)
- Battery energy control module B (BECMB)
- Anti-lock brake system (ABS) module

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

---

© 2022 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.