

**TECHNICAL SERVICE BULLETIN****21-2122**

16 April 2021

HEV - Illuminated MIL With DTCs P2282, P0106 And/Or P1A0C, Lack Of Power, Crank/No Start, And Stop Safely Now Message - Built On Or Before 29-Mar-2021**Model:**

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| Ford 2020-2021 Escape |
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Issue: Some 2020-2021 Escape hybrid electric vehicles (HEV) built on or before 29-Mar-2021 may experience a lack of power, crank/no start, and Stop Safely Now message with diagnostic trouble codes (DTC) P2282, P0106 and/or P1A0C stored in the powertrain control module (PCM) in temperatures below 0°C (32°F). This may be due to various software parameters within the PCM and condensation buildup in the intake manifold. To correct the condition, follow the Service Procedure and reprogram the PCM.

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

- 2020-2021 Escape
- HEV
- Built on or before 29-Mar-2021
- Lack of power
- Crank/no start
- Stop Safely Now message
- DTCs P2282, P0106 and/or P1A0C
- Symptoms occurred in temperatures below 0°C (32°F)

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 |
|--|---------------|----------|
| 2020-2021 Escape HEV: Check DTCs, Remove Throttle Body And Inspect Intake Manifold, Reprogram The PCM (Do Not Use With Any Other Labor Operations) | 212122A | 0.8 Hrs. |
| 2020-2021 Escape HEV: Check DTCs, Remove Throttle Body And Inspect Intake Manifold, Remove the MAPT Sensor And Clean The Intake Manifold and MAPT Sensor, Reprogram The PCM (Do Not Use With Any Other Labor Operations) | 212122B | 1.0 Hrs. |

Repair/Claim Coding

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|-----------------|---------|
| Causal Part: | RECALEM |
| Condition Code: | 04 |

Service Procedure

1. Remove the throttle body. Refer to Workshop Manual (WSM) Section 303-04C.

(1). It is not necessary to replace the throttle body gasket.

2. Inspect the intake manifold for evidence of water and/or ice. Is evidence of water and/or ice present?

- (1). Yes - proceed to Step 3.
- (2). No - proceed to Step 5.
- 3.** Remove ice and liquid if present using a suction gun/large syringe and tubing to evacuate. Swab the bottom of the intake by tying a shop towel attached to a rod to remove remaining liquid.
- 4.** Remove the manifold absolute pressure and temperature (MAPT) sensor per WSM Section 303-14C. Inspect for any ice or sludge build-up on MAPT sensor and clean rinse the sensor under a warm stream of water, tap it gently 5 times to remove any water as necessary and reinstall.
- 5.** Install the throttle body. Refer to WSM, Section 303-04C.
- 6.** Reprogram the PCM using the latest software level of the appropriate Ford diagnostic scan tool.

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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.