



# TECHNICAL SERVICE BULLETIN

## 3.0L Hybrid - Illuminated MIL - Various DTCs Related To Hybrid Battery Pack/Motor Electronics Coolant Pump

**20-  
2293**  
27 August  
2020

### Model:

|                         |
|-------------------------|
| Lincoln<br>2020 Aviator |
|-------------------------|

**Issue:** Some 2020 Aviator vehicles equipped with a 3.0L hybrid engine may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble codes (DTCs) P0C48, P0C49, P2B29, P0CFF, P0E1F, P0C4B, P0C4A, P2CF3, P0A06, P0A07, P2D01, P2D00, P2D03, P2D04, P0C73, and/or P2D02 stored in the powertrain control module (PCM). This may be due to the software in the battery energy control module (BECM). To correct the condition, follow the Service Procedure to reprogram the BECM.

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

- 2020 Aviator equipped with a 3.0L hybrid engine
- Exhibits an illuminated MIL with DTCs P0C48, P0C49, P2B29, P0CFF, P0E1F, P0C4B, P0C4A, P2CF3, P0A06, P0A07, P2D01, P2D00, P2D03, P2D04, P0C73, and/or P2D02 stored in the PCM

**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 Aviator 3.0L Hybrid: Retrieve DTCs And Reprogram The BECM And Any Additional Modules Required By The Software Update (Do Not Use With Any Other Labor Operations) | 202293A       | 0.4 Hrs. |

### Repair/Claim Coding

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

### Service Procedure

1. Reprogram the BECM using the latest software level of the appropriate Ford diagnostic scan tool.

**NOTE:** Once reprogrammed, perform a visual inspection of the of the coolant level in the low temperature coolant degas bottle. If the level is at or below the minimum indicator refer to Workshop Manual Section 303-03D for further diagnostics.

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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.