



# TECHNICAL SERVICE BULLETIN

## 2.3L EcoBoost - Illuminated MIL With DTC P0068 - Operated At Or Above 1067 Meter (3500 Feet) Elevation - Built On Or Before 17-Oct-2018

**18-2370**

10 December  
2018

### Model:

**Ford**  
2018-2019 Mustang

**Issue:** Some 2018-2019 Mustang vehicles built on or before 17-Oct-2018 equipped with a 2.3L EcoBoost engine and operating in altitudes of 1067 meters (3500 feet) above sea level and higher may exhibit an illuminated malfunction indicator lamp (MIL) with only diagnostic trouble code (DTC) P0068 stored in the powertrain control module (PCM).

**Action:** Follow the Service Procedure steps to correct the condition.

**Warranty Status:** Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

### Labor Times

Description	Operation No.	Time
2018-2019 Mustang 2.3L GTDI: Retrieve DTCs And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	182370A	0.3 Hrs.

### Repair/Claim Coding

Causal Part:	RECALEM
Condition Code:	04

## Service Procedure

- Is the vehicle operated at altitudes at or above 1067 meters (3500 feet) above sea level?
  - Yes - proceed to Step 2.
  - No - this article does not apply. Refer to the Powertrain Controls/Emission Diagnosis (PC/ED) Manual for normal diagnostics.
- Was the vehicle built on or before 17-Oct-2018?
  - Yes - proceed to Step 3.
  - No - this article does not apply. Refer to the PC/ED Manual for normal diagnostics.
- Using the appropriate Ford diagnostic scan tool or equivalent, retrieve DTCs. Is DTC P0068 the only DTC stored in the PCM?
  - Yes - proceed to Step 4.
  - No - this article does not apply. Refer to the PC/ED Manual for normal diagnostics.
- Reprogram the PCM using the latest software version of the appropriate Ford diagnostic scan tool.
  - NOTE: ADVISE THE CUSTOMER THAT THIS VEHICLE IS EQUIPPED WITH AN ADAPTIVE TRANSMISSION SHIFT STRATEGY WHICH ALLOWS THE VEHICLE'S COMPUTER TO LEARN THE TRANSMISSION'S UNIQUE PARAMETERS AND IMPROVE SHIFT QUALITY. WHEN THE ADAPTIVE STRATEGY IS RESET, THE COMPUTER WILL BEGIN A RE-LEARNING PROCESS. THIS RE-LEARNING PROCESS MAY RESULT IN FIRMER THAN NORMAL UPSHIFTS AND DOWNSHIFTS FOR SEVERAL DAYS.

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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.