



# TECHNICAL SERVICE BULLETIN

## 2.3L EcoBoost - Illuminated MIL With DTCs P0300 And/Or P0316 - Built On Or Before 21-Apr-2022

22-2185

09 May 2022

This bulletin supersedes 21-2346.

### Model:

Ford 2021-2022 Mustang	Engine: 2.3L EcoBoost Built on or before 21-Apr-2022
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### Summary

This article supersedes TSB 21-2346 to update the vehicle model years affected.

**Issue:** Some 2021-2022 Mustang vehicles built on or before 21-Apr-2022 and equipped with a 2.3L EcoBoost engine may exhibit an illuminated malfunction indicator lamp (MIL) and diagnostic trouble codes (DTC) P0300 and/or P0316 in the powertrain control module (PCM). This may be due to various strategies within the PCM software. To correct the condition, follow the Service Procedure to reprogram the PCM.

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

- 2021-2022 Mustang
- Built on or before 21-Apr-2022
- 2.3L EcoBoost engine
- DTCs P0300 and/or P0316

**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
2021-2022 Mustang 2.3L: Retrieve DTCs And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	222185A	0.4 Hrs.

### Repair/Claim Coding

Causal Part:	RECALEM
Condition Code:	04

### Service Procedure

1. Reprogram the PCM using the latest software level of the Ford Diagnosis and Repair System (FDRS).

**NOTE:** Advise the customer 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 relearning process. This relearning process may result in firmer than normal upshifts and downshifts for several days.

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.