

# MIL ON With DTC(s) P25B372 and/or P030000

**Service Category** Engine/Hybrid System

**Section** Engine Control

**Market** USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2023	GR Corolla	

## Introduction

Some 2023 model year GR Corolla vehicles may exhibit a MIL ON condition with one or both of the following Diagnostic Trouble Codes (DTCs):

- P25B372 – Turbocharger Wastegate “A” Actuator Stuck Open
- P030000 – Random Cylinder Misfire

The Engine Control Module (ECM) (SAE term: Powertrain Control Module/PCM) logic has been modified to address these conditions. Follow the Repair Procedure in this bulletin to address these conditions.

## Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EL2307	Reprogram the ECM (PCM)	0.7	89661-1AE30	8A	74

### APPLICABLE WARRANTY

- This repair is covered under the Toyota Federal Emission Warranty. This warranty is in effect for 96 months or 80,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

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### Parts Information

PART NUMBER	PART NAME	QTY
89661-1AE30	Computer, Engine Control (ECM/PCM)	–

**NOTE**

The ECM (PCM) should NOT be replaced as part of the Repair Procedure.

### Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Battery Diagnostic Tool	<a href="#">DCA-8000P T</a>	

\*Essential SST.

**NOTE**

Additional SSTs may be ordered by calling 1-800-933-8335.

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVI*	ADE	TSADVUNIT	1
Techstream 2.0		TS2UNIT	
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

\*Essential SST.

**NOTE**

- Only ONE of the Techstream units listed above is required.
- GTS+ software version 2023.03.002.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

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### Calibration Information

MODEL	TRIM	CALIBRATION ID	
		PREVIOUS	NEW
GR Corolla	Core/Circuit	8A2201203100	<a href="#">8A2201203200</a>
		8A2301203100	<a href="#">8A2301203200</a>
	Morizo	8A2201209100	<a href="#">8A2201209200</a>
		8A2301209100	<a href="#">8A2301209200</a>

### Repair Procedure

- Confirm the condition exists.  
Does the vehicle exhibit a MIL ON condition with one or both of the following DTC(s)?
  - P25B372 – Turbocharger Wastegate “A” Actuator Stuck Open
  - P030000 – Random Cylinder Misfire
  - YES** — Continue to step 2.
  - NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- Use GTS+ to confirm if the ECM (PCM) calibration has been updated.  
Is the calibration ID listed in GTS+ the latest ECM (PCM) calibration?
  - YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
  - NO** — Continue to step 3.
- Flash reprogram the ECM (PCM).

**NOTE**

- The battery diagnostic tool MUST be used in Power Supply Mode to maintain battery voltage at 13.5V while flash reprogramming the vehicle.
- For details on how to use the battery diagnostic station, refer to the [DCA-8000 Instruction Manual](#) located at *TIS – Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in Service Bulletin [T-SB-0107-20](#) *GTS+ ECU Flash Reprogramming Procedure With Security Signature*, and flash the ECM (PCM) with the NEW calibration file update.

- Clear ANY DTC(s) and test-drive the vehicle to confirm the condition no longer exists.