TOYOTA

# Technical Service Bulletin

EG-00574T-TME

Version 1

29 Jul 2021

Subject:

**G16E, engine enters fail-safe mode, DTC P023400**

Area of Application:

**All Markets**

Models – Model Codes:

**GR Yaris** - GXPA16 ;

Engine

## Introduction

This Technical Service Bulletin is to inform you of the production change and repair method for the subject concern. Applicable to vehicles produced before the production change effective VINs shown below.

## Description of the phenomenon

Some customers may experience and report during accelerating full throttle the vehicle sudden warning light appears, engine enters fail-safe state and lack of power occurs. DTC P023400 "Turbocharger/Supercharger A Overboot Condition" detected.

## Production change information

Control software of the Engine ECU has been changed.

| Model | Model code | Engine type | Plant | Production change effective VIN | Implementation date |
|---|---|---|---|---|---|
| GR Yaris | GXPA16 | G16EGTS | Motomachi | A004165 | 26 Nov 2020 |

## Repair Procedure - Reprogramming

Reprogram the “Computer, Engine Control” to the latest available calibration ID (minimum to the new CID as shown in below table) and apply a new ECU label sticker (part number: 89661-5CD90 ) with the correct ECU part number.

| Model | Model Code | Part number | Previous Calibration ID | Minimum Calibration ID |
|---|---|---|---|---|
| GR Yaris | GXPA16 | 89661-5CD90 | 8A2305204200 | 8A2305204300 |

Reprogram the ECU with the latest available software (Calibration ID).

## Note

After reprogramming the engine ECU, a DTC might be set. If the DTC can not be erased by using GTS, disconnect the battery for 5 minutes.

## Note

For detailed description of the reprogram procedure, please refer to Technical Service Bulletin:

For Toyota: G-0002 - REPROGRAMMING METHOD OF ECU

For Lexus: G-4101 - REPROGRAMMING METHOD OF ECU USING GLOBAL TECHSTREAM

## Note

No need to replace any parts, the repair procedure consists only of a software update.