

# Part 573 Safety Recall Report

# 20V-162

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** MAR 19, 2020**NHTSA Recall No. :** 20V-162**Manufacturer Recall No. :** 20TA06**Manufacturer Information :**

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing  
**Address :** 6565 Headquarters Drive  
 Plano TX 75024  
**Company phone :** 1-800-331-4331

**Population :**

**Number of potentially involved :** 38,810  
**Estimated percentage with defect :** 100 %

**Vehicle Information :****Vehicle 1 :** 2020-2020 Toyota Highlander**Vehicle Type :****Body Style :****Power Train :** NR

**Descriptive Information :** (1) Although the involved vehicles are within the above production period range, not all vehicles in this range were sold in the U.S.  
 (2) Other Toyota or Lexus vehicles sold in the U.S. do not use the same engine control unit (ECU) that contains this implementation of the engine stop and start feature with the programming error described below.

Note: 100% of the involved vehicles contain an engine control unit (ECU) with this implementation of the engine stop and start feature that has the programming error, described below. Whether the issue in each case will lead to a vehicle stall while driving at higher speeds depends on the driving patterns and vehicle conditions.

**Production Dates :** JUN 24, 2019 - MAR 04, 2020**VIN Range 1 : Begin :**

NR

**End :** NR Not sequential**Description of Defect :**

**Description of the Defect :** The subject vehicles are equipped with a 3.5 L, V6 (2GR-FKS) gasoline engine that contains a feature that stops and restarts the engine and cuts the fuel supply under certain driving conditions. Due to a programming error arising from the implementation of this feature in the subject vehicles, under certain driving patterns and vehicle conditions, the fuel may not be correctly supplied to the engine resulting in a vehicle stall without warning to the driver. If a vehicle stall occurs, an audible chime will sound and multiple warning indicators will illuminate indicating the engine has stopped. In some instances, a vehicle stall could occur while driving at higher speeds, increasing the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Due to a programming error arising from the implementation of this feature in the subject vehicles, under certain driving patterns and vehicle conditions, the fuel may not be correctly supplied to the engine resulting in a vehicle stall without warning to the driver. If a vehicle stall occurs, an audible chime will sound and multiple warning indicators will illuminate indicating the engine has stopped. In some instances, a vehicle stall could occur while driving at higher speeds, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning NR  
that can Occur :

## Supplier Identification :

### Component Manufacturer

Name : DENSO International America, Inc.

Address : 24777 Denso Drive  
Southfield MICHIGAN 48086

Country : United States

## Chronology :

Please see the attached Part 573 Defect Information Report for the full chronology.

## Description of Remedy :

Description of Remedy Program : All known owners of the subject vehicles will be notified by first class mail to return their vehicles to a Toyota dealer. For all involved vehicles, the dealer will reflash the engine control unit (ECU) at no cost. As the owner notification letters will be mailed out well within the active period of the Toyota New Vehicle Limited Warranty ("Warranty"), all involved vehicle owners for this recall would have been provided a repair at no cost under Toyota's Warranty.

How Remedy Component Differs from Recalled Component : Recalled component name: Computer Assy, Engine Control, Recalled component description: Engine Control Unit (ECU), Recalled component part number: 89661-0EB60 (FWD), 89661-0EB80 (AWD)

Identify How/When Recall Condition NR  
was Corrected in Production :

**Recall Schedule :**

Description of Recall Schedule : Notifications to owners of the affected vehicles will occur by May 18, 2020. A copy of the draft owner notification will be submitted as soon as it is available. Notifications to distributors/dealers will be sent by March 19, 2020. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : MAR 19, 2020 - MAR 19, 2020

Planned Owner Notification Date : APR 24, 2020 - MAY 18, 2020

\* NR - Not Reported