

Part 573 Safety Recall Report

24V-381

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** JUL 25, 2024**NHTSA Recall No. :** 24V-381**Manufacturer Recall No. :** See Part 573 Report**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 : 102,092

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2022-2023 Toyota Tundra

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) This recall covers vehicles equipped with V35A engines of a particular configuration that were manufactured during a certain period at particular engine plants. V35A engines of this configuration, manufactured after this production period, were manufactured with new or improved processes that better clear machining debris. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with this engine or have a different V35A engine configuration with different pressure on the main bearings. Some of these vehicles equipped with a different engine configuration have a Hybrid powertrain system. If engine failure occurs on a Hybrid vehicle, the vehicle continues to have some motive power for limited distances and the driver receives a continuous audible warning, warning lamps, and visual warning messages.

Toyota is unable to estimate the percentage of the involved vehicles to actually contain the defect described in Section 5. However, as the NHTSA manufacturer portal requires an integer value be entered, Toyota has entered the value "1" in response to this question in the portal. For the purpose of this report, "1" means "unknown".

Production Dates : NOV 02, 2021 - FEB 13, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2022-2023 Lexus LX600

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) This recall covers vehicles equipped with V35A engines of a particular configuration that were manufactured during a certain period at particular engine plants. V35A engines of this configuration, manufactured after this production period, were manufactured with new or improved processes that better clear machining debris. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with this engine or have a different V35A engine configuration with different pressure on the main bearings. Some of these vehicles equipped with a different engine configuration have a Hybrid powertrain system. If engine failure occurs on a Hybrid vehicle, the vehicle continues to have some motive power for limited distances and the driver receives a continuous audible warning, warning lamps, and visual warning messages.

Toyota is unable to estimate the percentage of the involved vehicles to actually contain the defect described in Section 5. However, as the NHTSA manufacturer portal requires an integer value be entered, Toyota has entered the value "1" in response to this question in the portal. For the purpose of this report, "1" means "unknown".

Production Dates : JUL 30, 2021 - NOV 25, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with a specific V35A engine that contains crankshaft main bearings which allow the crankshaft to rotate within the engine assembly while running. During a specific production period, there is a possibility that engine machining debris of a particular size and amount may not have been cleared from the engine during manufacturing and subsequently contaminated the engine assembly during the production process. For these engines in the subject vehicles, the pressure on the main bearings due to the engine configuration is such that, if the aforementioned machining debris adheres to the bearings and operation of the engine continues at higher loads over time, failure of the bearings may occur. This can lead to potential engine knocking, engine rough running, engine no start and/or an engine stall. In the subject vehicles, an engine stall while driving leads to a loss of motive power. A vehicle loss of motive power while driving at higher speeds can increase the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the subject vehicles, an engine stall while driving leads to a loss of motive

Description of the Safety Risk : power. A vehicle loss of motive power while driving at higher speeds can increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Engine Assy, Partial

Component Description : Engine Assembly

Component Part Number : 19000-F4020

Component Name 2 : Engine Assy, Partial

Component Description : Engine Assembly

Component Part Number : 19000-F4030

Component Name 3 : Engine Assy, Partial

Component Description : Engine Assembly

Component Part Number : 19000-70550

Component Name 4 : Engine Assy, Partial

Component Description : Engine Assembly

Component Part Number : 19000-7U280

Supplier Identification :

Component Manufacturer

Name : Toyota Motor Manufacturing, Alabama, Inc

Address : 1 Cottonvalley Drive NW
Huntsville Alabama 35810

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 to return their vehicles to a Toyota or Lexus dealer. The dealer will replace the engine assembly with a new one, free of charge.

How Remedy Component Differs from Recalled Component : NR

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

Recall Schedule :

Description of Recall Schedule : Notifications to owners of the affected vehicles will occur by July 29, 2024. A copy of the draft owner notification will be submitted as soon as it is available. Notifications to distributors/dealers will be sent on May 30, 2024. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : MAY 30, 2024 - MAY 30, 2024

Planned Owner Notification Date : JUL 15, 2024 - JUL 29, 2024

* NR - Not Reported