

January 22, 2025

## DEFECT INFORMATION REPORT

1. Vehicle Manufacturer Name:

Toyota Motor Corporation ["TMC"]  
1, Toyota-cho, Toyota-city, Aichi-pref., 471-8571, Japan

Affiliated U.S. Sales Company:

Toyota Motor North America, Inc. ["TMNA"]  
6565 Headquarters Drive, Plano, TX 75024

Manufacturer of Fuel pump Assembly:

DENSO CORPORATION  
1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661, Japan  
Phone: +81-566-25-5511

Country of Origin: Japan

2. Identification of Involved Vehicles and Affected Components:

Based on production records, we have determined the involved vehicle population to be the vehicles listed in the table below.

Make/Car Line	Model Year	Manufacturer	Production Period
Toyota / Camry	2018	TMC	February 1, 2018 through April 6, 2018
Lexus/NX300	2019	TMC	April 22, 2019
Lexus/RX350L	2019	TMC	August 2, 2019

Applicability	Part Number	Part Name	Component Description
MY2018 Toyota/Camry	23220-25020	23220- : Pump Assy, Fuel w/Filter	Fuel Pump Assembly
MY2019 Lexus/NX300	23221-36030		
MY2019 Lexus/RX350L	23221-31130	23221- : Pump Assy, Fuel	

- Note: (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 applies to certain vehicles with specific fuel pumps supplied by Denso, containing impellers produced during specific periods under specific circumstances. These vehicles contain fuel pumps that were produced with impellers of lower density and contain either (1) a pump impeller of a type with lower surface strength or (2) a pump impeller that was exposed to production solvent drying for longer periods of time. Vehicles with fuel pumps that were not produced under the aforementioned conditions are not included.
- (3) As discussed further below, all vehicles in this report had not been included in the original report [20V012] as intended due to data processing errors when identifying the original vehicle populations.

3. Total Number of Vehicles Potentially Involved:

Toyota Camry : 848  
Lexus NX300 : 9  
Lexus RX350L : 1  
Total : 858

4. Percentage of Vehicles Estimated to Actually Contain the Defect:

Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the issue in each case will lead to a vehicle stall while driving at higher speeds depends on many variables, such as the specific production condition of fuel pump impeller and vehicle operating conditions 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”.

5. Description of Problem:

The subject vehicles are equipped with a low-pressure fuel pump, located in the fuel tank, that supplies fuel pressure to the fuel injection system. These fuel pumps may include impellers which have been manufactured with lower density. If these impellers are also (1) of a type with lower surface strength or (2) of a different type but were exposed to production solvent drying for longer periods of time, higher levels of surface cracking may occur. In this condition, excessive fuel absorption may occur, resulting in increased impeller deformation. In some cases, the impeller may deform to a point that creates sufficient interference with the fuel pump body to cause the fuel pump to become inoperative. An inoperative fuel pump due to these conditions could result in illumination of check engine and master warning indicators, rough engine running, engine no start and/or vehicle stall while driving at low speed. However, in rare instances, vehicle stall could occur while driving at higher speeds, increasing the risk of a crash.

6. Chronology of Principal Events:

January 13, 2020

Toyota filed a Part 573 Defect Information Report (20V012) about the above-described condition. Subsequently, amendments were filed.

May 2024 – August 2024

In late May 2024, Toyota began to receive field technical reports from the Japan market indicating that the engine would not start. The dealers inspected the vehicles and found the low-pressure fuel pumps malfunctioned. The fuel pumps were recovered and shipped to the fuel pump supplier for further investigation. The supplier found that these fuel pumps should have been in the scope of the original recall and reported this to Toyota. Toyota then began investigating why these vehicles were not included in the original recall.

September 2024 – January 2025

In September 2024, Toyota found that certain fuel tank assembly part numbers had not been included due to incorrect production history information from the supplier. During the course of this investigation, Toyota discovered additional errors in the identification of the involved vehicles when Toyota processed production records to identify affected vehicles that should have been included in the original recall:

- failing to understand that certain affected fuel tanks had been imported into Japan for use in vehicles to be sold in the U.S.; and
- the use of an incorrect date to identify certain vehicle production information.

Based on the above findings, Toyota concluded that certain Toyota and Lexus vehicles may not have been included in the original recall.

January 15, 2025

Based on the results of the above investigation, Toyota decided to conduct a voluntary safety recall campaign.

As of January 15, 2025, based on a diligent review of records, Toyota's best engineering judgment is that there are zero Toyota Field Technical Reports and two warranty claims that have been received from U.S. sources that relate or may relate to this condition in the involved vehicles, and which were considered in the decision to submit this report.

7. Description of Corrective Repair Action:

All known owners of the subject vehicles will be notified to return their vehicles to a Toyota and Lexus dealer. For all involved vehicles, the dealers will replace the fuel pump assembly with an improved one.

Reimbursement Plan for pre-notification remedies

The owner letter will instruct vehicle owners who have paid to have this condition remedied prior to this campaign to seek reimbursement pursuant to Toyota's General Reimbursement Plan.

8. Recall Schedule:

Notifications to owners of the affected vehicles will occur by March 23, 2025. A copy of the draft owner notification will be submitted as soon as it is available.

9. Distributor/Dealer Notification Schedule:

Notifications to distributors/dealers will be sent on January 22, 2025. Copies of dealer communications will be submitted as they are issued.

10. Manufacturer's Campaign Number:

Remedy: 25TA01 / 25LA01