

# Part 573 Safety Recall Report

# 22V-445

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** JUN 23, 2022**NHTSA Recall No. :** 22V-445**Manufacturer Recall No. :** 22TA05**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 :** 46,176  
**Estimated percentage with defect :** 1 %

**Vehicle Information :****Vehicle 1 :** 2022-2022 Toyota Tundra Hybrid**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 issue only affects MY 2022 Tundra vehicles manufactured with these specific rear axle shaft sub-assemblies used at a certain vehicle assembly plant during the above production period; other MY 2022 Tundra vehicles are not affected. Other Toyota or Lexus vehicles are manufactured with different rear axle shaft sub-assemblies or by different suppliers with different studs.

Note: Toyota is unable to estimate the percentage of the involved vehicles to contain the defect. Whether the issue, in each case, will actually lead to an increased risk of a crash described in Section 5 depends on various factors. 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 :** MAR 15, 2022 - JUN 07, 2022**VIN Range 1 : Begin :**

NR

**End :** NR **Not sequential**

Vehicle 2 : 2022-2022 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 issue only affects MY 2022 Tundra vehicles manufactured with these specific rear axle shaft sub-assemblies used at a certain vehicle assembly plant during the above production period; other MY 2022 Tundra vehicles are not affected. Other Toyota or Lexus vehicles are manufactured with different rear axle shaft sub-assemblies or by different suppliers with different studs.

Note: Toyota is unable to estimate the percentage of the involved vehicles to contain the defect. Whether the issue, in each case, will actually lead to an increased risk of a crash described in Section 5 depends on various factors. 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 - JUN 13, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : The subject vehicles are equipped with a rear axle assembly, consisting of an axle housing, axle shaft sub-assemblies, and a differential carrier assembly. Each axle shaft sub-assembly is secured to the axle housing using studs and flange nuts. The flange nuts can loosen over time and, in some cases, fall off, potentially causing one or both axle shaft sub-assemblies to begin to separate from the axle housing. If the vehicle is operated with loosened nuts, the operator may experience vibration, hear an abnormal noise, and/or observe leaking of differential oil. If an axle shaft sub-assembly completely separates, this can affect vehicle stability and brake performance, increasing the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle is operated with loosened nuts, the operator may experience vibration, hear an abnormal noise, and/or observe leaking of differential oil. If an axle shaft sub-assembly completely separates, this can affect vehicle stability and brake performance, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Involved Components :**

Component Name 1 : Bracket Assembly, Caliper Support w/ Bearing, RH

Component Description : Axle Shaft Subassembly excluding Shaft

Component Part Number : 47870-0C020

Component Name 2 : Bracket Assembly, Caliper Support w/ Bearing, LH

Component Description : Axle Shaft Subassembly excluding Shaft

Component Part Number : 47880-0C020

**Supplier Identification :****Component Manufacturer**

Name : Hino Motors Manufacturing USA

Address : 45501 Twelve Mile Rd.

Novi Michigan 48377

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 dealer. For all involved vehicles, the dealers will inspect the rear axle assembly and retighten the axle flange nuts. For any vehicles where other axle-related components are damaged, they will be replaced, if necessary. 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 the warranty.

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 late July 2022. A copy of the draft owner notification will be submitted as soon as it is available. Notifications to distributors/dealers will be sent by June 24, 2022. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : JUN 24, 2022 - JUN 24, 2022

Planned Owner Notification Date : JUL 15, 2022 - JUL 29, 2022

\* NR - Not Reported