

# Part 573 Safety Recall Report

# 24V-152

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** FEB 27, 2024**NHTSA Recall No. :** 24V-152**Manufacturer Recall No. :** 24TB05 / 24TA05**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 :** 381,199  
**Estimated percentage with defect :** 1 %

**Vehicle Information :****Vehicle 1 :** 2022-2023 Toyota Tacoma**Vehicle Type :****Body Style :****Power Train :** NR

**Descriptive Information :** Although the involved vehicles are within the above production period range, not all vehicles in this range were sold in the U.S.

This issue only affects MY 2022-2023 Tacoma vehicles manufactured with these specific welded-on axle housings from a certain supplier used at certain vehicle assembly plants during the above production period. 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 loosening of retaining nuts and an increased risk of a crash as 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 :** MAY 02, 2022 - NOV 21, 2023**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, which includes axle shaft sub-assemblies secured to welded-on axle housing ends on each side of the assembly. Each axle shaft sub-assembly is secured to the axle housing using studs and retaining nuts. During a welding process in a certain production period at a specific supplier's manufacturing facility, an improper welding spatter guard mounting setup was used, and spatter from the welding could have landed on the retaining nut seating surface. In this condition, the joint retention could be affected; the retaining nuts could loosen over time and potentially fall off, causing one or both axle shaft sub-assembly to begin to separate from the axle housing. If the vehicle is operated with loosened nuts, the driver may experience a vibration, hear an abnormal noise, and/or observe leaking of differential oil. If an axle shaft separation occurs, vehicle stability and brake performance could be affected, increasing the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this condition, the joint retention could be affected; the retaining nuts could loosen over time and potentially fall off, causing one or both axle shaft sub-assembly to begin to separate from the axle housing. If the vehicle is operated with loosened nuts, the driver may experience a vibration, hear an abnormal noise, and/or observe leaking of differential oil. If an axle shaft separation occurs, vehicle stability and brake performance could be affected, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning  
that can Occur : NR**Involved Components :**

Component Name 1 : Housing Assy, Rear Axle

Component Description : Rear Axle Housing Assembly

Component Part Number : 42110-04100

Component Name 2 : Housing Assy, Rear Axle

Component Description : Rear Axle Housing Assembly

Component Part Number : 42110-04171

Component Name 3 : Housing Assy, Rear Axle

Component Description : Rear Axle Housing Assembly

Component Part Number : 42110-04180

Component Name 4 : Housing Assy, Rear Axle

Component Description : Rear Axle Housing Assembly

Component Part Number : 42110-04190

Component Name 5 : Housing Assy, Rear Axle

Component Description : Rear Axle Housing Assembly

Component Part Number : 42110-04200

Component Name 6 : Housing Assy, Rear Axle

Component Description : Rear Axle Housing Assembly

Component Part Number : 42110-04210

## Supplier Identification :

### Component Manufacturer

Name : Hino Motors Manufacturing USA

Address : 45501 Twelve Mile Rd.

Novi Michigan 48377

Country : United States

## Chronology :

Please see attached Part 573 Defect Information Report for 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, dealers will inspect the rear axle assembly and retighten the axle retaining nuts. If weld spatter is found, it will be removed. Axle components which are damaged may be repaired or replaced based on inspection criteria, 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 April 27, 2024. A copy of the draft owner notification will be submitted as soon as it is available. Notifications to distributors/dealers will be sent by February 27, 2024. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : FEB 27, 2024 - FEB 27, 2024

Planned Owner Notification Date : APR 13, 2024 - APR 27, 2024

\* NR - Not Reported