

Part 573 Safety Recall Report

24V-911

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** DEC 05, 2024**NHTSA Recall No. :** 24V-911**Manufacturer Recall No. :** 24TA14 , 24LA08**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 : 70

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2024-2024 Toyota RAV4

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 the vehicles listed above that were produced using a specific backup bolt tightening process that was used for a limited period of time at a specific production facility.

(3) Toyota is unable to estimate the percentage of the involved vehicles to 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 : SEP 06, 2024 - SEP 06, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2025-2025 Lexus NX

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 the vehicles listed above that were produced using a specific backup bolt tightening process that was used for a limited period of time at a specific production facility.
(3) Toyota is unable to estimate the percentage of the involved vehicles to 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 : SEP 06, 2024 -SEP 06, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with front brake calipers and wheel hubs that are attached to the front suspension steering knuckles with bolts. The front brake caliper mounting bracket bolts and one of the four hub bearing bolts may not have been properly tightened during the manufacturing process and can loosen over time. If one brake caliper mounting bracket bolt becomes detached from the caliper, the caliper may move from its original location and contact the inside of the wheel, resulting in an abnormal rattling noise while driving. If both caliper mounting bracket bolts loosen to a point that they detach from the caliper, the caliper may move sufficiently to overstress the caliper brake hose overtime, potentially resulting in a brake fluid leak. If a hub bearing bolt is loose, it may cause movement between the front axle hub assembly and steering knuckle, resulting in vibration and abnormal noise from the front axle area. Eventually, there is a possibility that the remaining hub bearing bolts can also loosen and the wheel can separate. A brake fluid leak may lead to an increased stopping distance and wheel separation can lead to a loss of vehicle control. Either can increase the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A brake fluid leak may lead to an increased stopping distance and wheel separation can lead to a loss of vehicle control. Either 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 : Bolt, Hexagon (For Front Disc Brake Caliper)

Component Description : Brake Caliper Mounting Bracket Bolt

Component Part Number : 90080-10067

Component Name 2 : Bolt, Hexagon (For Front Disc Brake Caliper)

Component Description : Brake Caliper Mounting Bracket Bolt

Component Part Number : 90105-12401

Component Name 3 : Bolt, Hexagon (For Front Disc Brake Caliper)

Component Description : Brake Caliper Mounting Bracket Bolt

Component Part Number : 90105-A0437

Component Name 4 : Bolt, Flange

Component Description : Wheel Hub Bearing Bolt

Component Part Number : 90105-12405

Component Name 5 : Bolt, Flange

Component Description : Wheel Hub Bearing Bolt

Component Part Number : 90105-A0388

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

Please see the attached Part 573 Defect Information Report

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 or Lexus dealer. For all involved vehicles, Toyota and Lexus dealers will ensure the front brake caliper mounting bracket and hub bearing bolts are tightened to the correct specification. If any components in the wheel area are damaged, they will be replaced. The corrective action will be at no charge to owners.

As the owner notification letters will be mailed out well within the active period of the Toyota New Vehicle Limited Warranty ("Warranty") and Lexus New Vehicle Limited Warranty ("Warranty"), all involved vehicle owners for this recall would have been provided a repair at no cost under Toyota's and Lexus's 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 distributors/dealers will be sent by December 5, 2024. Copies of dealer communications will be submitted as they are issued.

Notifications to owners of the affected vehicles will occur by February 3, 2025. A copy of the draft owner notification will be submitted as soon as it is available.

Planned Dealer Notification Date : DEC 05, 2024 - DEC 05, 2024

Planned Owner Notification Date : JAN 20, 2025 - FEB 03, 2025

* NR - Not Reported