

Toyota Motor North America, Inc.

Vehicle Safety & Compliance
Liaison Office
Mail Stop: W4-2D
6565 Headquarters Drive
Plano, TX 75024

February 6, 2025

DEFECT INFORMATION REPORT

1. Vehicle Manufacturer Name:

Toyota Motor Manufacturing, Baja California, Inc. ["TMMBC"]
Carretera Libre Tijuana Tecate 33143 El Realito, 22550 Tijuana, B.C., Mexico

Toyota Motor Manufacturing Guanajuato ["TMMGT"]
México 45D, 38195 San Pedro Tenango, Gto., Mexico

Affiliated U.S. Sales Company:

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

Manufacturer of Rear Brake Hoses:

HC Querétaro, S.A. de C.V.
Circuito El Marqués Norte #62 y #76, El Marqués, Querétaro, 76246, México
Phone: +52 442 471 39 01

Country of Origin: Mexico

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 / Tacoma 4-wheel drive	2024-2025	TMMBC	January 17, 2024 through January 17, 2025
		TMMGT	January 02, 2024 through January 13, 2025

Applicability	Part Number	Part Name	Component Description
MY2024-2025 Toyota Tacoma	90947-A2128	Hose, Flexible, RH	Rear Brake Hose
	90947-A2129	Hose, Flexible, LH	

- 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 the aforementioned vehicles equipped with 4-wheel drive and a combination of 16-inch brakes and 17-inch Toyota wheels. Toyota continues to investigate MY2024-2025 Tacoma vehicles equipped with 2-wheel drive and a combination of 16-inch brakes with either 17-inch or 18-inch Toyota wheels, and other 4-wheel drive Tacoma vehicles with 16-inch brakes and 18-inch Toyota wheels to determine whether there is a potential for a brake fluid leak. MY2024-2025MY Tacoma vehicles equipped with 17-inch brakes are of a different brake system design and are not affected by this issue.

3. Total Number of Vehicles Potentially Involved:

Toyota Tacoma : 106,061

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 brake fluid loss while driving depends on 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 4-wheel drive vehicles are equipped with 16-inch brake systems where the brake hoses, attached to rear brake calipers, transfer brake fluid under hydraulic pressure to the calipers for braking. These components are positioned inside the rear Toyota 17-inch wheels. The brake calipers and wheels of this specific size combination have clearance between the brake hoses and wheels such that, if mud and dirt build up on the interior of the wheels when operating under certain off-road conditions, this mud/dirt can contact the brake hoses. Over time, this may damage and wear through the brake hoses, causing a brake fluid leak. This can lead to a reduction of brake performance and increase in brake stopping distance, which increases the risk of a crash.

6. Chronology of Principal Events:

July 2024 - October 2024

In mid-July, Toyota began to receive dealer reports on MY2024 Toyota Tacoma vehicles regarding a rear brake hose leak. The vehicles were 4-wheel drive with a combination of 16-inch brakes and 17-inch Toyota wheels. Upon further inspection, the dealer technicians found the rear brake hoses were damaged and worn through. It was also noted the brake hose was able to rub against mud and dirt that was built up on the inside of the rear wheels. Toyota was able to recover the rear brake hoses from one of these vehicles for additional investigation.

During this time, Toyota confirmed that the manufacturing processes used to install the brake hose were following the proper routing. In addition, Toyota began a design review of the rear brake system.

As a result of the design review, Toyota found: 1) the clearance between the brake hose and wheel of the 16-inch rear brakes and 17-inch Toyota wheels is less than other combinations; and 2) vehicles with 16-inch and 17-inch brakes use the same rear brake hose, but the positioning of the rear brake hose on 16-inch brake is different and outside of the rear caliper profile.

November 2024 - January 2025

Based on this review, Toyota undertook a study using MY2024-2025 Tacoma 2-wheel drive and 4-wheel drive models equipped with 16-inch brakes and 17-inch or 18-inch Toyota wheels to understand the effect of mud and dirt build-up on the wheel. Toyota was able to replicate the build-up of mud and dirt inside the wheel on 4-wheel drive models but was unable to do so on 2-wheel drive models. Additionally, Toyota was able to confirm contact between the rear brake hose and mud/ dirt build-up on 4-wheel drive models with the 16-inch rear brake and 17-inch Toyota wheel combination due to the relatively small clearance but was unable to do so with the larger 18-inch Toyota wheels with larger clearance between the hose and the wheel.

As a result of the above testing, Toyota concluded that 4-wheel drive vehicles with 16-inch rear brakes and 17-inch Toyota wheels may experience rear brake hose damage due to the smaller clearance between the brake hose and the wheel if, when operating under certain off-road conditions, mud and dirt build up on the interior of the wheels and contact the brake hose. Over time, this may wear through the brake hoses, causing a brake fluid leak. This can lead to a reduction of brake performance and increase in brake stopping distance, which increases the risk of a crash.

January 31, 2025

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

As of January 29, 2025, based on a diligent review of records, Toyota's best engineering judgment is that there are five (5) Toyota Field Technical Reports and twelve (12) 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 owners of the subject vehicles will be notified to return their vehicles to a Toyota dealer. For all involved vehicles, the dealers will replace both rear brake hoses with improved ones.

Reimbursement Plan for pre-notification remedies

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 Toyota's Warranty. 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 April 7, 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 February 6, 2025. Copies of dealer communications will be submitted as they are issued.

10. Manufacturer's Campaign Number:

[Interim / Remedy] 25TB04 / 25TA04