

Part 573 Safety Recall Report

24V-708

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** NOV 21, 2024**NHTSA Recall No. :** 24V-708**Manufacturer Recall No. :** 24TA11**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 :** 145,383**Estimated percentage with defect :** 100 %**Vehicle Information :****Vehicle 1 :** 2023-2024 Toyota Corolla Cross Hybrid**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 recall covers vehicles that are equipped with a brake actuator from a specific supplier of a specific design containing specific software. Other Toyota or Lexus vehicles sold in the U.S. contain brake actuator assemblies of a different hardware and/or software design and are not affected by the condition described in this report. 100% of the involved vehicles contain a Brake Actuator Assembly containing a Skid Control ECU with a specific software described in Section 5 below. Whether this issue, in each case, will cause the hard brake pedal with reduced brake force depends on activation of regenerative cooperative brake and Electric Braking Distribution (EBD) as described in Section 6.

Production Dates : JUN 01, 2022 - SEP 10, 2024**VIN Range 1 : Begin :**

NR

End : NR Not sequential

Vehicle 2 : 2023-2025 Toyota Corolla Hybrid

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 recall covers vehicles that are equipped with a brake actuator from a specific supplier of a specific design containing specific software. Other Toyota or Lexus vehicles sold in the U.S. contain brake actuator assemblies of a different hardware and/or software design and are not affected by the condition described in this report. 100% of the involved vehicles contain a Brake Actuator Assembly containing a Skid Control ECU with a specific software described in Section 5 below. Whether this issue, in each case, will cause the hard brake pedal with reduced brake force depends on activation of regenerative cooperative brake and Electric Braking Distribution (EBD) as described in Section 6.

Production Dates : MAY 24, 2022 - NOV 07, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with a brake actuator with a skid control Electronic Control Unit (ECU) which controls the hydraulic and regenerative brake systems. Due to the programming of the skid control ECU software, there is a possibility that the brake fluid pressure may not be controlled as designed in limited situations when the brake pedal is applied during cornering. Operators may temporarily experience a hard brake pedal with reduced braking force, causing the brake stopping distance to be more than expected, and potentially increasing the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Operators may temporarily experience a hard brake pedal with reduced braking force, causing the brake stopping distance to be more than expected, and potentially increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Actuator Assy, Brake with Fluid

Component Description : Brake Actuator Assembly

Component Part Number : 44050-0A200

Component Name 2 : Actuator Assy, Brake with Fluid

Component Description : Brake Actuator Assembly

Component Part Number : 44050-0A201

Component Name 3 : Actuator Assy, Brake with Fluid

Component Description : Brake Actuator Assembly

Component Part Number : 44050-12J30

Component Name 4 : Actuator Assy, Brake with Fluid

Component Description : Brake Actuator Assembly

Component Part Number : 44050-12J31

Component Name 5 : Actuator Assy, Brake with Fluid

Component Description : Brake Actuator Assembly

Component Part Number : 44050-12J32

Supplier Identification :

Component Manufacturer

Name : Bosch BHP Plant

Address : Betriebsgelände Firma Bosch
Sonthofener Str. 30 Blaichach Foreign States 87544

Country : Germany

Chronology :

Please see the attached Part 573 Defect Information Report and Amended 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 dealer will update the skid control ECU software, free of charge. 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.

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 affected Corolla Cross Hybrid vehicles were sent on November 19, 2024. Notifications to owners of the affected Corolla Hybrid vehicles will occur by January 20, 2025. A copy of the draft owner notification will be submitted as soon as it is available. Notifications to distributors/dealers about the Corolla Cross Hybrid vehicles were sent on September 20, 2024. They will be advised of the addition of the Corolla Hybrid on November 21, 2024. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : NOV 21, 2024 - NOV 21, 2024

Planned Owner Notification Date : JAN 06, 2025 - JAN 20, 2025

* NR - Not Reported