

Part 573 Safety Recall Report

22V-107

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** FEB 24, 2022**NHTSA Recall No. :** 22V-107**Manufacturer Recall No. :** 22TA02**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 : 36,558
Estimated percentage with defect : 1 %

Vehicle Information :**Vehicle 1 :** 2021-2021 Toyota C-HR**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) Only the subject vehicles are equipped with a radar sensor of a certain design from a specific supplier that may not have been properly initialized during production. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with a radar sensor of this design or contain a radar sensor that was properly initialized during production.

Toyota estimates that approximately 0.03% of the involved vehicles contain a millimeter wave radar sensor with the incomplete initialization described in this report based on a representative sample of vehicles that were inspected at multiple manufacturing facilities globally. 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 "less than 1%." Whether this issue, in each case, will actually lead to the increased risk of a crash described in Section 5 is dependent on (1) whether a potentially affected vehicle actually contains a radar sensor that has not been initialized, and (2) whether the driving patterns of an individual driver may lead to certain driving situations in which a PCS activation would occur.

Production Dates : JUN 12, 2020 - JUL 26, 2021**VIN Range 1 : Begin :**

NR

End : NR Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with a millimeter wave sensor (radar sensor) and a camera to detect objects, such as another vehicle, in front of the subject vehicle. These sensors support certain driver assistance features, including the Pre-Collision System (PCS). Under certain circumstances, the initialization of the radar sensor may not have been completed correctly at the vehicle assembly plant. If this occurs, the radar sensor would not be activated. In this condition, the PCS would not be able to detect a vehicle in front of the subject vehicle and would not provide warnings or braking assist, as designed, in certain driving situations that would otherwise result in a PCS activation. In addition, the vehicle would not display a message or indicator to the driver that PCS is not functional. An inoperative PCS, without a PCS malfunction indicator to the driver, may increase the risk of a crash in certain driving situations.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this condition, the PCS would not be able to detect a vehicle in front of the subject vehicle and would not provide warnings or braking assist, as designed, in certain driving situations that would otherwise result in a PCS activation. In addition, the vehicle would not display a message or indicator to the driver that PCS is not functional. An inoperative PCS, without a PCS malfunction indicator to the driver, may increase the risk of a crash in certain driving situations.

Description of the Cause : NR

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

Component Name 1 : Sensor Assy, Millimeter Wave Radar

Component Description : Millimeter wave radar sensor

Component Part Number : 88210-F4070

Supplier Identification :**Component Manufacturer**

Name : Conti Temic microelectronic GmbH

Address : Ringlerstraße 17

Ingolstadt Foreign States 85057

Country : Germany

Chronology :

Please see 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 take their vehicles to a Toyota dealer. For all involved vehicles, Toyota dealers will inspect the radar sensor and, if necessary, properly initialize the radar sensor, 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 the affected vehicles will occur by April 25, 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 February 24, 2022. Copies of dealer communications will be submitted as they are issued.

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

Planned Owner Notification Date : APR 11, 2022 - APR 25, 2022

* NR - Not Reported