

Part 573 Safety Recall Report

17V-717

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** OCT 17, 2018**NHTSA Recall No. :** 17V-717**Manufacturer Recall No. :** HOW**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 : 28,764
Estimated percentage with defect : NR

Vehicle Information :**Vehicle 1 :** 2018-2018 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) Other Toyota and Lexus vehicles equipped with electric parking brake utilize a skid control computer with different program software and/or EPB components of a different design.

Note: Toyota is unable to provide an estimate of the percentage of the vehicles to actually contain the noncompliance. Whether the condition will occur prior to first sale and constitute a noncompliance will differ depending on the environment and conditions that the vehicle is exposed to.

[10/17/18] Toyota is amending the affected vehicle population of 17V-717, an increase of 180 vehicles. Due to an error in preparing the affected VIN list for this recall, a small number of vehicles may have been erroneously excluded from this list before confirming they were held and repaired at vehicle processing centers (as part of a pre-delivery correction process prior to delivery to dealers).

Production Dates : FEB 02, 2017 - OCT 17, 2017**VIN Range 1 : Begin :**

NR

End : NR Not sequential

Description of Noncompliance :

Description of the Noncompliance : In the subject vehicles, there is a possibility that the skid control ECU may incorrectly identify a small increase in circuit resistance, caused by an expected oxide film on the electric parking brake (EPB) motor, as an open circuit. This can typically occur when the EPB has not been operated for a period of time. ECU identification of the open circuit would result in illumination of warning lights and a message displayed which states: "EPB Malfunction. Visit Your Dealer." This can result in an inability to release the parking brake. In some cases, it can prevent the parking brake from being applied. If the latter occurs prior to first sale, the vehicle would not meet the requirements of FMVSS No. 135 paragraph S7.12.3. There is a possible risk of a rollaway if the EPB cannot be applied, the EPB warnings are ignored, and the vehicle is parked on a grade without being placed into "Park."

FMVSS 1 : 135 - Light vehicle brake systems

FMVSS 2 : NR

Description of the Safety Risk : This can result in an inability to release the parking brake. In some cases, it can prevent the parking brake from being applied. If the latter occurs prior to first sale, the vehicle would not meet the requirements of FMVSS No. 135 paragraph S7.12.3. There is a possible risk of a rollaway if the EPB cannot be applied, the EPB warnings are ignored, and the vehicle is parked on a grade without being placed into "Park."

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Robert Bosch GmbH (Blaichach Plant)

Address : Robert-Bosch-Strasse 1
Immenstadt Bayern FOREIGN STATES 87509

Country : Germany

Chronology :

Based on reports of vehicles in Japan in which the electric parking brake could not be disengaged after it was applied, Toyota conducted investigations to determine the cause and scope of the reported concern. Through the investigation, Toyota determined that the skid control ECU may incorrectly identify a small increase in circuit resistance, caused by an expected oxide film on the electrical parking brake (EPB) motor, as an open circuit. This can result in an inability to release the parking brake. In some cases, it can prevent the parking brake from being applied. The investigation was completed on October 30, 2017. Based on the results of the

investigation and field information from the U.S. market indicating that this phenomenon could occur prior to first sale, on November 9, 2017, Toyota decided that the subject vehicles may not meet the requirement of FMVSS No. 135 paragraph S7.12.3.

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 dealer. The dealers will update the programming of the skid control ECU at no cost to owners.

As the owner notification letters will be mailed out well within the active period of the Toyota New Vehicle Limited 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 : Recalled component name: Computer, Skid Control, Recalled component description: Computer which controls electric parking brake, Recalled component part number: 89541 - F4030

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 late November, 2017. A copy of the draft owner notification letter(s) will be submitted as soon as available.

Notifications to distributors/dealers were sent on November 14, 2017. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : NOV 14, 2017 - NOV 14, 2017

Planned Owner Notification Date : NOV 30, 2017 - JAN 14, 2018

* NR - Not Reported