

Part 573 Safety Recall Report

19V-567

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** AUG 01, 2019**NHTSA Recall No. :** 19V-567**Manufacturer Recall No. :** KOM**Manufacturer Information :****Population :**

Manufacturer Name : Toyota Motor Engineering & Manufacturing

Number of potentially involved : 680

Address : 6565 Headquarters Drive

Estimated percentage with defect : NR

Plano TX 75024

Company phone : 1-800-331-4331

Vehicle Information :

Vehicle 1 : 2019-2019 Toyota Camry

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 vehicles that had the improper calibration procedure, described further below, performed on a specific line at this vehicle assembly plant during a specific manufacturing period are known to be potentially affected.

NOTE: Toyota is unable to provide an estimate of the percentage of the vehicles to actually contain the noncompliance. Whether the condition will occur will depend on variances that may occur in the calibration procedure and the OCS sensor.

Production Dates : AUG 24, 2018 - NOV 29, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Noncompliance :

Description of the Noncompliance : The front passenger seat of the subject vehicles is equipped with an occupant classification system (OCS) which provides input to the Supplemental Restraint System to determine the deployment strategy of the front passenger airbag and the front passenger knee airbag, depending on the weight and the posture of the seat occupant. The OCS may not have been calibrated properly on the particular production line at the facility producing the subject vehicles. If an OCS system is not calibrated properly, some portions of the requirements of FMVSS No. 208, paragraphs S14.5.2, S15.1(b), S15.2, S17, S19.2.1, S21.2.1 and S23.2.1 may not be met. Under some conditions, the front passenger airbag and knee airbag may not deploy as designed in a crash, increasing the risk of an injury to a front seat passenger.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : If an OCS system is not calibrated properly, some portions of the requirements of FMVSS No. 208, paragraphs S14.5.2, S15.1(b), S15.2, S17, S19.2.1, S21.2.1 and S23.2.1 may not be met. Under some conditions, the front passenger airbag and knee airbag may not deploy as designed in a crash, increasing the risk of an injury to a front seat passenger.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In late June 2019, Toyota found, during the Quality Inspection process at a specific vehicle assembly plant, that the OCS zero point on a 2019 Camry was not properly set. An investigation identified that vehicles produced on this specific line producing Camry vehicles at this vehicle assembly plant possibly had an improper zero point calibration procedure performed due to an unrelated process change that took place on August 20, 2018. Toyota analyzed the potential deviation of the zero point between the correct and incorrect calibration procedures and analyzed the impact that this deviation would have on the airbag system. Based on result of this analysis, on July 26, 2019, it was determined that there is a possibility that the front passenger airbag and knee airbag may not be activated correctly when a passenger is in the seat such that affected vehicles may not

meet some portions of the requirements of FMVSS No. 208, paragraphs S14.5.2, S15.1(b), S15.2, S17, S19.2.1, S21.2.1, and S23.2.1.

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 re-calibration of the occupant classification system. 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 : Part Name: Computer, Occupant Detection, Part Description: OCS Electronic Control Unit, Part Number: 89952-12030

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 Mid-August 2019. A copy of the draft owner notification letter(s) will be submitted as soon as available. Notification to distributors/dealers will be sent on August 1, 2019. Copies of the dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : AUG 01, 2019 - AUG 01, 2019

Planned Owner Notification Date : AUG 15, 2019 - AUG 30, 2019

* NR - Not Reported