

Part 573 Safety Recall Report

18V-776

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** JAN 14, 2019**NHTSA Recall No. :** 18V-776**Manufacturer Recall No. :** J0W**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 : 16,992

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2004-2006 Scion xA

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : (1) Although the involved vehicles are within the above production period, not all vehicles in this range were sold in the U.S.
 (2) Only vehicles equipped with a generation 5.5 SRS ECU produced by TRW are covered under this recall. Other Toyota, Lexus, and Scion vehicles, including certain Scion xA vehicles, are not equipped with this SRS ECU. 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 damage of the airbag control module and subsequently lead to a deactivation or inadvertent deployment of the airbag(s), creating an unreasonable risk to safety, depends on the actual insulation against electrical noise on each module and the actual maximum electrical noise produced by electrical components in the vehicle. Both of these can vary depending on manufacturing variation.

Production Dates : JAN 27, 2003 - JAN 08, 2007

VIN Range 1 : Begin : NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The airbag control module for the supplemental restraint system (SRS ECU) in the subject vehicles could have been manufactured with application-specific integrated circuits (ASICs) that are susceptible to internal shorting. When exposed to high inductive electrical noise from various vehicle electrical components, these ASICs could experience an internal short that creates abnormal current flow and increased heat. If this occurs, there is a possibility that the ASIC could become damaged. In certain cases, the SRS warning light for the airbag(s) could illuminate and the airbag(s) and/or seat belt pretensioner (s) could become deactivated. In other cases, these systems could inadvertently deploy. An airbag that is deactivated or deploys inadvertently can, under some circumstances, increase the risk of injury or the possibility of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this occurs, there is a possibility that the ASIC could become damaged. In certain cases, the SRS warning light for the airbag(s) could illuminate and the airbag(s) and/or seat belt pretensioner(s) could become deactivated. In other cases, these systems could inadvertently deploy. An airbag that is deactivated or deploys inadvertently can, under some circumstances, increase the risk of injury or the possibility of a crash.

Description of the Cause : NR

Identification of Any Warning NR
that can Occur :**Supplier Identification :****Component Manufacturer**

Name : ZF

Address : 12001 Tech Center Drive
Livonia MICHIGAN 48150

Country : United States

Chronology :

Please see the 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 by first class mail to return their vehicles to a Toyota dealer. Dealers will check the part number of the SRS ECU to determine if the ECU is affected by the condition addressed by this recall. If the ECU is an affected one, dealers will replace the airbag control module with an improved one. 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.

How Remedy Component Differs from Recalled Component : Recalled component name: Sensor Assembly, Airbag, Recalled component description: Airbag Control Module, Recalled component part number: 89170-0W240

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notifications to owners will be sent by late December, 2018. A copy of the draft owner notification will be submitted as soon as it is available. Notifications to distributors/dealers will be sent on November 1, 2018. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : NOV 01, 2018 - NOV 01, 2018

Planned Owner Notification Date : DEC 24, 2018 - DEC 31, 2018

* NR - Not Reported