

Part 573 Safety Recall Report

18V-085

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** JAN 31, 2018**NHTSA Recall No. :** 18V-085**Manufacturer Recall No. :** JLA, JOF**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 : 48,672
Estimated percentage with defect : NR

Vehicle Information :**Vehicle 1 :** 2016-2016 Toyota Prius**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) The involved vehicles are equipped with the airbag sensors, which could contain an IC chip manufactured under improper production conditions during the specific period. No other Toyota or Lexus vehicles sold in the U.S. are equipped with these sensors. Note: 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 an airbags deactivation or non-deployment, creating an unreasonable risk to safety, depends on each vehicle's operating conditions.

Production Dates : JUN 09, 2015 - DEC 25, 2015**VIN Range 1 : Begin :**

NR

End : NR Not sequential**Vehicle 2 :** 2015-2016 Lexus NX**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) The involved vehicles are equipped with the airbag sensors, which could contain an IC chip manufactured under improper production conditions during the specific period. No other Toyota or Lexus vehicles sold in the U.S. are equipped with these sensors. Note: 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 an airbags deactivation or non-deployment, creating an unreasonable risk to safety, depends on each vehicle's operating conditions.

Production Dates : MAY 25, 2015 - OCT 16, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2016-2016 Lexus RX

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) The involved vehicles are equipped with the airbag sensors, which could contain an IC chip manufactured under improper production conditions during the specific period. No other Toyota or Lexus vehicles sold in the U.S. are equipped with these sensors. Note: 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 an airbags deactivation or non-deployment, creating an unreasonable risk to safety, depends on each vehicle's operating conditions.

Production Dates : MAY 07, 2015 - JAN 13, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with an airbag system containing pressure sensors and/or acceleration sensors (also known as "G sensors") which detect impact to the vehicle. There is a possibility that, due to two different manufacturing issues, the integrated circuits "IC" chips in affected pressure sensors and G sensors have insulation layers that could peel over time, creating an open circuit in the IC chip. If this were to occur, the airbag warning light will illuminate and the side/curtain shield airbags and/or front airbags, may not deploy (Prius models do not have the G sensor issue and their front airbags are not affected). Nondeployment of the side/curtain shield airbags and/or front airbags could increase the risk of injury to the occupants in the event of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : There is a possibility that, due to two different manufacturing issues, the integrated circuits "IC" chips in affected pressure sensors and G sensors have insulation layers that could peel over time, creating an open circuit in the IC chip. If this were to occur, the airbag warning light will illuminate and the side/curtain shield airbags and/or front airbags, may not deploy (Prius models do not have the G sensor issue and their front airbags are not affected). Nondeployment of the side/curtain shield airbags and/or front airbags could increase the risk of injury to the occupants in the event of a crash.

Description of the Cause : NR

Identification of Any Warning NR
that can Occur :

Supplier Identification :

Component Manufacturer

Name : DENSO CORPORATION
Address : 1-1, Showa-cho
Kariya-city FOREIGN STATES 448-8661
Country : Japan

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 by first class mail to return their vehicles to a Toyota or Lexus dealer. The dealers will inspect the serial number of the sensors and replace affected sensors with new ones. 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, Air Bag Pressure, Electric Sensor, Crash, Recalled component description: Side Air Bag Sensor, Front Air Bag Sensor, Part number: 8983A-47010, 8983A-0E010, 89173-78010, 89173-0E050, 89831-78010, 89831-78020, 89831-28040, 89831-0E130

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

Recall Schedule :

Description of Recall Schedule : Notifications to owners of the affected vehicles will occur by April 1, 2018. A copy of the draft owner notification letter will be submitted as soon as available. Notifications to distributors/dealers were sent on

January 30, 2018. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : JAN 31, 2018 - JAN 31, 2018

Planned Owner Notification Date : MAR 12, 2018 - APR 01, 2018

* NR - Not Reported