

Part 573 Safety Recall Report

21V-257

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** APR 13, 2021**NHTSA Recall No. :** 21V-257**Manufacturer Recall No. :** 21TB01 / 21TA01**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 : 279,040
Estimated percentage with defect : 1 %

Vehicle Information :**Vehicle 1 :** 2009-2015 Toyota Venza**Vehicle Type :****Body Style :****Power Train :** NR

Descriptive Information : Although the involved vehicles are within the above production period range, not all vehicles in this range were sold in the U.S. Only the subject vehicles, equipped with a wire harness of a certain design, manufactured by a specific supplier, are susceptible to the combination of factors that can lead to the condition described below. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with a wire harness of this design.

Estimated percentage of vehicles involved with defect: Based on a non-representative market survey and evaluation of the vehicle design, Toyota used a predictive model to estimate that approximately 0.5% of vehicles may experience this issue.

Production Dates : MAY 13, 2008 - JUL 08, 2015**VIN Range 1 : Begin :**

NR

End : NR Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with an airbag sensor installed in the driver-side front door. The sensor is connected to the Supplemental Restraint System ("SRS") Electronic Control Unit ("ECU") by a pair of twisted wires in a harness routed from the door to the vehicle body through a grommet. Due to a larger difference between the wire harness length and grommet length in this case, there is a tighter bending radius for the wire harness inside the grommet. If the SRS wires also are in certain locations within the wire harness, this could cause them to rub against the grommet. If the twisted pair of SRS wires also happen to overlap at the location where they rub against the grommet so as to concentrate stress on one wire, this can lead to that wire fracturing over time, depending on the use frequency of the driver door. If an SRS wire fractures, this could result in a DTC being set, the SRS warning lamp being illuminated, and the airbag sensor in the driver-side front door becoming inoperable. This may prevent the side airbag and curtain shield airbag on the driver side from deploying in certain types of collisions, increasing the risk of injury in the event of a crash necessitating the deployment of those airbags.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If an SRS wire fractures, this could result in a DTC being set, the SRS warning lamp being illuminated, and the airbag sensor in the driver-side front door becoming inoperable. This may prevent the side airbag and curtain shield airbag on the driver side from deploying in certain types of collisions, increasing the risk of injury in the event of a crash necessitating the deployment of those airbags.

Description of the Cause : NR

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

Component Name 1 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T080

Component Name 2 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T120

Component Name 3 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T100

Component Name 4 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T140

Component Name 5 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T111

Component Name 6 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T151

Component Name 7 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T092

Component Name 8 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T132

Component Name 9 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T090

Component Name 10 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T130

Component Name 11 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T010

Component Name 12 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T030

Component Name 13 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T050

Component Name 14 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T040

Component Name 15 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T060

Component Name 16 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T011

Component Name 17 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T031

Component Name 18 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T051

Component Name 19 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T041

Component Name 20 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T061

Component Name 21 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T012

Component Name 22 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T032

Component Name 23 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T052

Component Name 24 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T042

Component Name 25 : Wire, FR Door, LH

Component Description : Wire Harness for Front Driver Door

Component Part Number : 82152-0T062

Supplier Identification :

Component Manufacturer

Name : Yazaki North America, Inc.

Address : 6801 N. Haggerty Road
Canton Michigan 48187

Country : United States

Chronology :

Please see the attached Part 573 Defect Information Report for the full chronology.

Description of Remedy :

Description of Remedy Program : For all involved vehicles, Toyota dealers will inspect the driver-side front door wire harness and, if necessary, replace it with an improved one at no cost to customers.

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 : 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 June 12, 2021. A copy of the draft owner notification will be submitted as soon as it is available.

Notifications to distributors/dealers will be sent on April 13, 2021.

Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : APR 13, 2021 - APR 13, 2021

Planned Owner Notification Date : MAY 31, 2021 - JUN 12, 2021

* NR - Not Reported