

Part 573 Safety Recall Report**15V-047****Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** JAN 28,2015**NHTSA Recall No. :** 15V-047**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Toyota Motor Engineering & Manufact

Address : 19001 SOUTH WESTERN AVENUE

TORRANCE CA 90501

Company phone : 1-800-331-4331

Population :

Number of potentially involved : 51,495

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2011-2012 Toyota Avalon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : (1) Although the involved vehicles are within the above VIN range, not all vehicles in this range were sold in the U.S.

(2) No other Toyota and Lexus vehicles use the same sub-woofer as the subject vehicles.

Production Dates : FEB 09, 2010 - OCT 22, 2012

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : The subject vehicles audio system is equipped with a sub-woofer. The sub-woofer is located inside the trunk. Cargo inside the trunk could contact one of the sub-woofer litz (soft braided) wires, which can move the wire out of its normal position. If one of these wires contacts the metal frame of the subwoofer, this may result in an intermittent short, causing the integrated circuit (IC) in the audio amplifier to become damaged. In some cases, the damaged IC could create a closed- circuit between the power supply and sub-woofer, and electrical current can continue to flow to the sub-woofer. If this occurs, the sub-woofer could overheat, increasing the risk of a fire.

Description of the Safety Risk : In some cases, the damaged IC could create a closed- circuit between the power supply and sub-woofer, and electrical current can continue to flow to the sub-woofer. If this occurs, the sub-woofer could overheat, increasing the risk of a fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Harman International Industries

Address : Ave de Las Torres 2990

Col. Lote Bravo Ciudad Juarez, Chihuahua FOREIGN STATES 32575

Country : Mexico

Chronology :

July 2013

A thermal incident on a MY 2011 Avalon subwoofer was reported. Toyota was unable to recover parts to allow an investigation to be performed, and the cause could not be determined.

August 2014 – November 2014

A second thermal incident in the trunk area was reported on a MY 2011 Avalon. The subwoofer and the amplifier were recovered and sent to the supplier for investigation.

December 2014 – January 2015

The supplier reported the results of its investigation. The results showed that the integrated circuit (IC) in the audio amplifier had been damaged and that this damage could result in electrical current to continue to flow to the sub-woofer. Additional investigation results of the subwoofer revealed that one of the subwoofer litz wires was moved out of its normal position, which can occur from cargo in the trunk contacting the wire. In this condition, if the wire makes contact with the metal frame of the subwoofer, this would create an intermittent short circuit, causing the integrated circuit (IC) in the audio amplifier to become damaged.

January 22, 2015

Toyota decided to conduct a voluntary safety recall campaign.

As of January 21, 2015, five Toyota field reports have been received on two unique VIN's related to this condition (three on one of the vehicles noted above and two on the other). No warranty claims have been received.

Description of Remedy :

Description of Remedy Program : Toyota Dealers will provide a repair for the audio system. Until the remedy is available, as a precaution, Toyota dealers will disconnect the rear sub-woofer. 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 will begin late February, 2015. A copy of the draft owner notification letter(s) will be submitted as soon as it is available.
Notifications to distributors/dealers will be sent on January 28, 2015. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported