

# Part 573 Safety Recall Report

# 17V-658

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** OCT 18, 2017**NHTSA Recall No. :** 17V-658**Manufacturer Recall No. :** H0U**Manufacturer Information :**

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing  
**Address :** 19001 South Western Avenue  
 Torrance CA 90501  
**Company phone :** 1-800-331-4331

**Population :**

**Number of potentially involved :** 6  
**Estimated percentage with defect :** NR

**Vehicle Information :****Vehicle 1 :** 2016-2016 Toyota Prius**Vehicle Type :****Body Style :****Power Train :** NR

**Descriptive Information :** (1) This issue only involves certain 2016MY Toyota Prius vehicles equipped with specific inverters which records show contain a capacitor that may not have been attached to the inverter housing due to an improper rework operation at the inverter assembly plant. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with those inverters. Note: Toyota is unable to provide an estimate of the percentage of vehicles that actually contain the defect. Whether the manufacturing issue in this case will lead to a hybrid system shutdown, creating an unreasonable risk to safety depends on each vehicle's operating conditions over time and whether the damage to the resin portion of the other inverter component will lead to a permanent disconnect of the capacitor terminal.

**Production Dates :** DEC 09, 2015 - JUN 08, 2016**VIN Range 1 : Begin :**

NR

**End :** NR Not sequential**Description of Defect :**

**Description of the Defect :** The hybrid system of the subject vehicles includes an inverter assembly which contains a capacitor that may not have been properly bolted to the inverter housing. In this condition, the terminal of the capacitor could be damaged by vibration during normal vehicle operation. If the vehicle continues to be operated in this condition, the hybrid system could shut down, resulting in the loss of motive power (but not power steering and braking assist). Loss of motive power while driving at higher speeds could increase the risk of a crash.

**FMVSS 1 :** NR**FMVSS 2 :** NR

**Description of the Safety Risk :** In this condition, the terminal of the capacitor could be damaged by vibration during normal vehicle operation. If the vehicle continues to be operated in this condition, the hybrid system could shut down, resulting in the loss of motive power (but not power steering and braking assist). Loss of motive power while driving at higher speeds could increase the risk of a crash.

**Description of the Cause :** NR

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

## Supplier Identification :

### Component Manufacturer

**Name :** Toyota Motor Corporation ["TMC"]

**Address :** 1, Toyota-cho

Toyota-city FOREIGN STATES 471-8571

**Country :** Japan

## 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 that have not received the repair will be notified directly via telephone to return their vehicles to a Toyota dealer. The dealers will replace the inverter with a new one. As the owner notification will be conducted 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 :** Recalled component name: Inverter Assembly with Converter, Recalled component description: Inverter: Recalled component part number: G9200-47240

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

## Recall Schedule :

**Description of Recall Schedule :** Notifications to owners of Toyota models via telephone will occur by late-

October, 2017. Any owner whose vehicle has not been repaired by early-December, 2017 will be contacted via first class mail. Notifications to distributors/dealers will be sent on October 18, 2017. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : OCT 18, 2017 - OCT 18, 2017

Planned Owner Notification Date : OCT 31, 2017 - DEC 17, 2017

\* NR - Not Reported