

# Part 573 Safety Recall Report

# 18V-579

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** SEP 05, 2018**NHTSA Recall No. :** 18V-579**Manufacturer Recall No. :** JOT**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 :** 192,347

**Estimated percentage with defect :** NR

**Vehicle Information :**

**Vehicle 1 :** 2016-2018 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) This issue only involves certain 2016-2018MY Toyota Prius vehicles, manufactured before May 16, 2018, that are equipped with a specific Power Control Unit (PCU) with a connected engine wire harness routed with a specific layout in the engine compartment. Prius vehicles manufactured on or after May 16, 2018 have a protective sleeve on the engine wire harness connected to the PCU. The 2017-2018MY Toyota Prius Prime vehicles use the same PCU but the layout of the engine wire harness is different. Other hybrid vehicles sold in the U.S. use a PCU of a different design with a different layout of the engine wire harness assembly. Other Toyota and Lexus vehicles sold in the U.S. are not equipped with a PCU. 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 damage of the wires in the engine wire harness assembly, creating an unreasonable risk to safety, depends on variation of the installation condition of the engine wire harness assembly and each vehicle's operating environment.

**Production Dates :** JUN 22, 2015 - MAY 15, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Description of Defect :**

Description of the Defect : The subject vehicles have an engine wire harness which is connected to the hybrid vehicle Power Control Unit. The wire harness has a cover attached at this connection. Due to assembly variation, a portion of the wire harness could contact the cover. If dust has accumulated on the wire harness or the cover, vibration during vehicle use may cause the insulation on the wires to wear over time and expose the core wire, causing an electrical short circuit to occur between the damaged wires and generate heat. If sufficient heat is generated, there is an increased risk of a vehicle fire.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Due to assembly variation, a portion of the wire harness could contact the cover. If dust has accumulated on the wire harness or the cover, vibration during vehicle use may cause the insulation on the wires to wear over time and expose the core wire, causing an electrical short circuit to occur between the damaged wires and generate heat. If sufficient heat is generated, there is an increased risk of a vehicle fire.

Description of the Cause : NR

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

Name : YAZAKI Corporation

Address : 17th Floor, Mita-Kokusai Bldg.

4-28 Mita 1-chome, Minato-ku Tokyo FOREIGN STATES 108-8333

Country : Japan

**Chronology :**

Please see attached Part 573 Defect Information Report for 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 engine wire harness assembly. If a wire core is exposed, the engine wire harness assembly will be replaced with a new one, which includes a protective sleeve. If a wire core is not exposed, protective tape will be installed on the engine wire harness assembly. 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: Wire, Engine, Recalled component description: Engine Wire Harness Assembly, Recalled component part number: 82121-47170, 82121-47171, 82121-47172

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 November 4, 2018. A copy of the draft owner notification letter will be submitted as soon as available. Notifications to distributors/dealers will be sent on September 5, 2018. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : SEP 05, 2018 - SEP 05, 2018

Planned Owner Notification Date : SEP 28, 2018 - NOV 04, 2018

\* NR - Not Reported