

Part 573 Safety Recall Report

17V-718

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** NOV 15, 2017**NHTSA Recall No. :** 17V-718**Manufacturer Recall No. :** HOR**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 :** 39,915**Estimated percentage with defect :** NR**Vehicle Information :****Vehicle 1 :** 2012-2015 Toyota Prius PHV**Vehicle Type :****Body Style :****Power Train :** NR

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

(2) The affected vehicle production period is from the start of production of this model until the final vehicle which contains the subject EV (Electric Vehicle) fuse.

(3) Other Toyota or Lexus hybrid vehicles sold in the U.S. use a fuse of a different design to protect the hybrid system from potential damage. Other Toyota and Lexus vehicles sold in the U.S. are not equipped with a hybrid system.

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 a hybrid system shutdown, creating an unreasonable risk to safety, depends on each vehicle's operating conditions over time.

Production Dates : JUL 20, 2011 - JAN 08, 2015**VIN Range 1 : Begin :**

NR

End : NR Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with a Plug-in hybrid system which contains a hybrid battery with an EV (Electric Vehicle) fuse that is designed to protect the system from potential damage. There is a possibility that excessive thermal stress could be generated in the fuse if the vehicle is operated by the electric motor under high-load driving conditions, such as during a long ascent. If this were to occur repeatedly, the fuse could develop a fracture that could cause the fuse to open. In this condition, electric power would not be supplied to the electric motor from the battery, illuminating warning lights and warning messages on the instrument panel. In some cases, the vehicle can be driven, but with reduced power. In other cases, the hybrid system could shut down, resulting in the loss of motive power. Power steering and braking will not be affected. Loss of motive power while driving at higher speeds can increase the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this condition, electric power would not be supplied to the electric motor from the battery, illuminating warning lights and warning messages on the instrument panel. In some cases, the vehicle can be driven, but with reduced power. In other cases, the hybrid system could shut down, resulting in the loss of motive power. Power steering and braking will not be affected. Loss of motive power while driving at higher speeds can increase the risk of a crash.

Description of the Cause : NR

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

Name : Pacific Engineering Corporation

Address : 450 Hinoki cho

Ogaki City FOREIGN STATES 503-0981

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 involved vehicles will be notified by first class mail to return their vehicles to a Toyota dealer. Toyota dealers will replace the EV fuse with a new one of an improved design. 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: Fuse, Electric Vehicle, Recalled component description: EV Fuse, Recalled component part number: G3829-47040, G3829-47041

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 early-January, 2018. A copy of the draft owner notification letter will be submitted as soon as available. Notifications to distributors/dealers were sent on November 14, 2017. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : NOV 14, 2017 - NOV 14, 2017

Planned Owner Notification Date : JAN 08, 2018 - JAN 14, 2018

* NR - Not Reported