



U.S. Department of Transportation
**National Highway Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

October 10, 2018

Mr. Cory Hoffman
Senior Manager
Toyota Motor Engineering & Manufacturing
19001 South Western Ave
Torrance, CA 90501

NEF-150JK
18V-684

Subject: Hybrid System may Shutdown and cause Stall

Dear Mr. Hoffman:

This letter serves to acknowledge Toyota Motor Engineering & Manufacturing's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:

TOYOTA/PRIUS/2010-2014
TOYOTA/PRIUS V/2012-2014

Mfr's Report Date: October 4, 2018

NHTSA Campaign Number: 18V-684

Components:

HYBRID PROPULSION SYSTEM

Potential Number of Units Affected: 807,329

Problem Description:

Toyota Motor Engineering & Manufacturing (Toyota) is recalling certain 2010-2014 Toyota Prius and 2012-2014 Toyota Prius V vehicles. Excessive voltage in the Intelligent Power Module (IPM) within the inverter may cause the hybrid system to shut down, causing the vehicle to stall while being driven.

Consequence:

If the hybrid system shuts down unexpectedly, it can increase the risk of a crash.

Remedy:

Toyota will notify owners, and dealers will update the software for the motor/generator control electronic control unit (ECU) and the hybrid control ECU as necessary, free of charge. Interim notices informing owners of the safety risk are expected to begin October 22, 2018. Owners will receive a second notice when the remedy becomes available. Owners may contact Toyota customer service at 1-888-270-9371. Toyota's number for this recall is J0V. Note: The software updates in this recall are needed even if the vehicle had the software previously updated under recalls 14V-053 or 15V-449.

Notes:

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to www.safercar.gov.

Please amend your filing to include Toyota's plans for the similar previous recalls, 14V-053 and 15V-449.

We have received Toyota's proposed interim owner notification letters and they are currently under review. You will be notified of any changes or concerns once our review is complete.

Please be reminded of the following requirements:

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter.

Your contact for this recall will be Jennifer Kruger who may be reached by phone at (202) 366-2461, or by email at jennifer.kruger@dot.gov or through the office email at rmd.odi@dot.gov. We look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Timian". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jennifer Timian
Chief, Recall Management Division
Office of Defects Investigations
Enforcement