



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

1200 New Jersey Avenue SE
Washington, DC 20590

February 13, 2014

Mr. Abbas Saadat
Vice President
Toyota Motor Engineering & Manufacturing
Vehicle Safety and Compliance
Mail Code: S-104 19001 South Western Ave
Torrance, CA 90501

NVS-215KS
14V-053

Subject: Inverter Failure may cause Hybrid Vehicle to Stall

Dear Mr. Saadat:

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

Mfr's Report Date: February 12, 2014

NHTSA Campaign Number: 14V-053

Components:

ELECTRICAL SYSTEM: SOFTWARE
HYBRID PROPULSION SYSTEM: INVERTER

Potential Number of Units Affected: 700,000

Problem Description:

Toyota is recalling certain model year 2010 through 2014 Prius vehicles. In the affected vehicles, the Intelligent Power Module (IPM) inside the inverter module (a component of the hybrid system) contains transistors that may become damaged from high operating temperatures. If this occurs, various warning lamps will be illuminated on the instrument panel and the vehicle will have reduced power allowing it to only drive a short distance.

Consequence:

The vehicle may enter a fail-safe/limp-home mode that limits the drivability of the vehicle. The hybrid system could also shut down completely resulting in a vehicle stall, increasing the risk of a crash.

Remedy:

Toyota will notify owners and dealers will update the software for both the motor/generator control electronic control unit (ECU) and the hybrid control ECU, free of charge. If an owner experiences a failure of the inverter before the vehicle receives updated software, the dealer will replace the inverter assembly with a new one at no charge. The recall is expected to begin in late February 2014. Owners may contact Toyota at 1-800-331-4331.

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 provide the dates of production for the affected vehicles when this information becomes available.

Please be reminded of the following requirements:

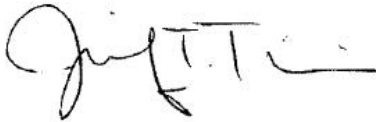
You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification 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.

On August 20, 2013, NHTSA announced new changes to the requirements governing safety recalls. Some of these requirements are already in effect. Please ensure your company will be in compliance with each requirement on, or before, its respective effective date. For a summary of the requirements and their effective dates please click on the "New!" link at <http://www.safercar.gov/Vehicle+Manufacturers>.

Your contact for this recall will be Kelly Schuler who may be reached by phone at (202) 366-5227, or by email at kelly.schuler@dot.gov or through the office email at rmd.odi@dot.gov. We look forward to working with you.

Sincerely,



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