



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

1200 New Jersey Avenue SE
Washington, DC 20590

February 6, 2023

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

NEF-107DR
23V-041

Subject: Engine Control Unit Software May 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/RAV4 PRIME/2021

Mfr's Report Date: February 2, 2023

NHTSA Campaign Number: 23V-041

Components:

ELECTRICAL SYSTEM:PROPULSION SYSTEM:HYBRID MANAGEMENT:POWER CONTROL UNIT/
MODULE (HPCU)

Potential Number of Units Affected: 16,679

Problem Description:

Toyota Motor Engineering & Manufacturing (Toyota) is recalling certain 2021 RAV4 Prime Plug-In Hybrid vehicles. During certain cold weather driving conditions, while driving in EV Mode, the hybrid vehicle control engine control unit (HEV ECU) software may cause the hybrid system to shut down if the accelerator is rapidly pressed to further accelerate the vehicle, resulting in a stall.

Consequence:

An engine stall increases the risk of a crash.

Remedy:

Dealers will update the HEV ECU software, free of charge. Owner notification letters are expected to be mailed February 27, 2023. Owners may contact Toyota's customer service at 1-800-331-4331. Toyota's number for this recall is 23TA01.

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.nhtsa.gov.

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).

Please be reminded that under 49 U.S.C. § 30112(a)(3), it is illegal for a manufacturer, to sell, offer for sale, import, or introduce or deliver into interstate commerce, a motor vehicle or item of motor vehicle equipment that contains a safety defect once the manufacturer has notified NHTSA about that safety defect. This prohibition does not apply once the motor vehicle or motor vehicle equipment has been remedied according to the manufacturer's instructions.

As stated in Part 573.7, submission of the first of eight 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.

Toyota Motor Engineering & Manufacturing's contact for this recall will be Darishea Rollins who may be reached by email at darishea.rollins@dot.gov. We look forward to working with you.

Sincerely,



Alex Ansley
Chief, Recall Management Division
Office of Defects Investigation
Enforcement