TOYOTA

Toyota Motor North America

Vehicle Safety & Compliance
Liaison Office
Mail Stop: W4-2D
6565 Headquarters Drive
Plano, TX 75024

October 18, 2023

Dr. Cem Hatipoglu
Acting Administrator for Enforcement
National Highway Traffic Safety Administration
Attn: Recall Management Division (NEF-100)
1200 New Jersey Ave, SE
Washington, D.C. 20590

Re: Foreign Safety Recall / Other Safety Campaign Report
Certain Toyota and Lexus Vehicles

Dear Dr. Hatipoglu:

In accordance with 49 CFR 579.12, attached is a copy of our Foreign Safety Recall / Other Safety Campaign Report for the subject vehicles.

Should you have any questions about this report, please contact me directly.

Sincerely,

Cory Hoffman
General Manager
Vehicle Safety & Compliance Liaison Office
Toyota Motor North America, Inc.

Enclosures
Foreign Safety Recall / Other Safety Campaign Report

Date: October 18, 2023

Foreign Safety Recall / Other Safety Campaign Report

Subject: High pressure fuel pump issue on certain Toyota and Lexus vehicles

1. Vehicle Manufacturer Name:

FAW Toyota Motor Co., Ltd. ["FTMC"]
GAC Toyota Motor Co., Ltd. ["GTMC"]
Toyota Motor Corporation ["TMC"]
Toyota Motor Manufacturing Turkey Inc. ["TMMT"]
Toyota Motor Manufacturing (UK) Ltd. ["TMUK"]

2. Involved Vehicle:

Make/ Car Line	Model Year	Country/ Region	Action	Production Period	Number of Vehicles
Toyota/ Auris, C-HR, Corolla, Corolla Sport/Touring, Highlander Lexus/ NX, RX	*1	Africa, Asia, Central and South America, Europe, Oceania	Safety Recall: Australia, China, Europe, Japan, Singapore, Taiwan, Vietnam Other Safety Campaign: Other regions	November 2017 through July 2023	Approx. 700,000

*1: Most countries/regions do not use a model year designation.

3. Substantially Similar Vehicles sold in the U.S.:

Model Year/ Make/ Car Line:		
	2017MY	Toyota Prius v
	2017-2019MY	Toyota Mirai
	2017-2022MY	Lexus RX
	2017-2023MY	Toyota Prius, Prius Prime
	2018MY	Toyota Corolla iM, RAV4
	2018-2019MY	Toyota Highlander
	2018-2021MY	Lexus NX
	2018-2022MY	Toyota C-HR
	2018-2023MY	Toyota Corolla
	2019-2023MY	Toyota Corolla Hatchback
	2019-2024MY	Lexus UX
	2022-2023MY	Toyota Corolla Cross
	2023MY	Toyota GR Corolla

Note: A characterization of a vehicle as "substantially similar" is made only for the purposes of complying with the requirements in 49 CFR Part 579. This characterization does not imply that the vehicles are "substantially similar" for any other context or purpose, regulatory or otherwise.

4. Description of Problem:

The subject vehicles are equipped with a high-pressure fuel pump. The fuel pump has a plunger that moves down in a cylinder to create a vacuum which brings in fuel through a fuel inlet control valve and up in the cylinder to create pressure which sends fuel to the engine through the check valve. Due to insufficient press fitting of certain parts in the high-pressure fuel pump, operation over time may cause (1) the cylinder to move and create wear between the cylinder and pump body resulting in increased stress to both aforementioned valves; and/or (2) the valve seat to move within the pump body resulting in valve seat wear and increased stress to the inlet control valve. This increased stress can cause a crack to develop at the weld for the affected valve(s), which could lead to a fuel leak and potential fuel odor. In the presence of an ignition source, a fuel leak can result in an increased risk of a fire.

5. Description of Corrective Repair Action:

For all involved vehicles, dealers will inspect and replace the fuel pump with an improved one if necessary.

6. Determination to Conduct Safety Recall / Other Safety Campaign:

- The determination was made by Toyota Motor Corporation;
- Date of determination : October 12, 2023
- Date campaign will commence : Mid-October 2023

7. Reason the similar vehicles sold in the U.S. are not involved in this safety recall / other safety campaign:

This issue only affects the aforementioned Toyota and Lexus vehicles equipped with a high-pressure fuel pump produced at a specific Toyota plant in Japan during a specific period. Substantially similar vehicles sold in the U.S. are equipped with a high-pressure fuel pump of a different design. None of the involved vehicles have been exported to or sold in the U.S.