Part 573 Safety Recall Report 17V-356

Manufacturer Name : Toyota Motor Engineering & Manufacturing
Submission Date : JUN 01, 2017
NHTSA Recall No. : 17V-356
Manufacturer Recall No. : H0H

Manufacturer Information :

Manufacturer Name : Toyota Motor Engineering & Manufacturing
Address : 19001 South Western Avenue
Torrance CA 90501
Company phone : 1-800-331-4331

Population :

Number of potentially involved : 31,824
Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2016-2017 Toyota Tacoma
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) Only vehicles equipped with a V6 engine (2GR-FKS) manufactured September 15, 2015 through November 30, 2015 are affected; other engines are not affected.
(3) MY2016 and MY2017 Lexus RX vehicles produced at Toyota Motor Manufacturing Canada, Inc. and MY2017 Highlander and Sienna vehicles produced at Toyota Motor Manufacturing Indiana, Inc. are equipped with the same engine with the crankshaft rotor produced by the same supplier in the U.S. However, these vehicles are equipped with an updated crank position sensor which will be used as a remedy part for this recall campaign.
In addition, MY2016 and MY2017 Lexus GS vehicles produced in Japan and sold in the U.S. are equipped with the same engine assembled in Japan. These engines contain the same crankshaft rotor produced by a different supplier in Japan with a different coating.
(4) No other Toyota or Lexus vehicles sold in the U.S. utilize the same crankshaft rotor and position sensor combination.
Production Dates : SEP 17, 2015 - OCT 28, 2016
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect :	The crank position sensor in the subject vehicles uses a magnetic resistance element to monitor the position of the rotor (i.e., the reluctor wheel) mounted to the engine crankshaft. Some of the V6 engine crankshaft rotors may have been produced with an anti-corrosion coating containing a greater concentration of silica, which increases the coating thickness. This may cause potential interference with the crank position sensor during normal vehicle operation. The interference could generate a static charge, which could result in a crank position sensor malfunction. In this condition, the vehicle may display a Malfunction Indicator Light (MIL) on, misfire, or, in some instances, stall under a variety of conditions. If the vehicle stalls while driving at higher speeds, it may increase the risk of a crash.
FMVSS 1 :	NR
FMVSS 2 :	NR
Description of the Safety Risk :	In this condition, the vehicle may display a Malfunction Indicator Light (MIL) on, misfire, or, in some instances, stall under a variety of conditions. If the vehicle stalls while driving at higher speeds, it may increase the risk of a crash.
Description of the Cause :	NR
Identification of Any Warning that can Occur :	NR

Supplier Identification :

Component Manufacturer

Name :	A.J. Rose Manufacturing Co.
Address :	38000 Chester Road Avon OHIO 44011
Country :	United States

Chronology :

Please see attached Part 573 Defect Information Report for full chronology.

Description of Remedy :

Description of Remedy Program :	All known owners of the subject vehicles will be notified by first class mail to return their vehicles to a Toyota dealer. Dealers will replace the crank position sensor with one of an improved design. This remedy will be at no cost to owners. As the owner notification letters will be mailed out well within the active period of the Toyota New Vehicle Limited Warranty ("Warranty"), all involved vehicle owners for this recall would have been provided a repair at no cost under Toyota's Warranty.
How Remedy Component Differs from Recalled Component :	NR
Identify How/When Recall Condition was Corrected in Production :	NR

Recall Schedule :

Description of Recall Schedule :	Notifications to owners will begin by mid-July, 2017. A copy of the draft owner notification letter will be submitted as soon as available. Notifications to distributors/dealers will be sent on June 1, 2017. Copies of dealer communications will be submitted as they are issued.
Planned Dealer Notification Date :	JUN 01, 2017 - JUN 01, 2017
Planned Owner Notification Date :	JUL 17, 2017 - JUL 31, 2017

* NR - Not Reported