

Part 573 Safety Recall Report

18V-107

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** FEB 14, 2018**NHTSA Recall No. :** 18V-107**Manufacturer Recall No. :** J2B/JLB**Manufacturer Information :**

Manufacturer Name : Toyota Motor Engineering & Manufacturing
Address : 6565 Headquarters Drive
 Plano TX 75024
Company phone : 1-800-331-4331

Population :

Number of potentially involved : 9,905
Estimated percentage with defect : NR

Vehicle Information :**Vehicle 1 :** 2016-2018 Lexus GS F**Vehicle Type :****Body Style :****Power Train :** NR

Descriptive Information : (1) Although the involved vehicles are within the above production period, not all vehicles in this range were sold in the U.S.

(2) The involved vehicles are equipped with a 5.0L V8 2UR-GSE gasoline engine, which contains two high pressure fuel pumps of a specific design. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with these high pressure fuel pumps. Note: Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the issue in each case will lead to damage of the pulsation damper and the pump cover, creating an unreasonable risk to safety, depends on each vehicle's operating conditions.

Production Dates : JUL 14, 2015 - DEC 06, 2017**VIN Range 1 : Begin :**

NR

End : NR Not sequential**Vehicle 2 :** 2018-2018 Lexus LC500**Vehicle Type :****Body Style :****Power Train :** NR

Descriptive Information : (1) Although the involved vehicles are within the above production period, not all vehicles in this range were sold in the U.S.

(2) The involved vehicles are equipped with a 5.0L V8 2UR-GSE gasoline engine, which contains two high pressure fuel pumps of a specific design. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with these high pressure fuel pumps. Note: Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the issue in each case will lead to damage of the pulsation damper and the pump cover, creating an unreasonable risk to safety, depends on each vehicle's operating conditions.

Production Dates : OCT 11, 2016 - DEC 05, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2015-2018 Lexus RC F

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : (1) Although the involved vehicles are within the above production period, not all vehicles in this range were sold in the U.S.

(2) The involved vehicles are equipped with a 5.0L V8 2UR-GSE gasoline engine, which contains two high pressure fuel pumps of a specific design. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with these high pressure fuel pumps. Note: Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether the issue in each case will lead to damage of the pulsation damper and the pump cover, creating an unreasonable risk to safety, depends on each vehicle's operating conditions.

Production Dates : JUN 10, 2014 - DEC 08, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with a 5.0L V8 2UR-GSE gasoline engine with two high pressure fuel pumps. There is a possibility that the pulsation damper in one of the high pressure fuel pumps could become damaged due to resonance of the fuel pressure under specific operating conditions. This damage can lead to abnormal noise/vibration and, over time, can cause the pump cover to develop a fatigue crack. If the vehicle is operated continuously under these conditions, the crack could expand and fuel may leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle is operated continuously under these conditions, the crack could expand and fuel may leak. A fuel leak in the presence of an ignition source can increase the risk of a vehicle fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : DENSO CORPORATION

Address : 1-1, Showa-cho
Kariya-city, Aichi-pref. FOREIGN STATES 448-8661
Country : Japan

Chronology :

Please see the attached Part 573 Defect Information Report for the 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 Lexus dealer. The dealers will replace the high pressure fuel pumps with improved ones. As the owner notification letters will be mailed out well within the active period of the Lexus New Vehicle Limited Warranty, all involved vehicle owners for this recall would have been provided a repair at no cost under Lexus' Warranty.

How Remedy Component Differs from Recalled Component : Recalled component name: Pump Sub-assembly, Fuel, Recalled component description: High Pressure Fuel Pump, Recalled component part number: 23221-36020

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Notifications to owners of the affected vehicles will occur by Early April, 2018. A copy of the draft owner notification letter will be submitted as soon as available. Notifications to distributors/dealers were sent on February 13, 2018. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : FEB 13, 2018 - FEB 13, 2018

Planned Owner Notification Date : APR 02, 2018 - APR 15, 2018

* NR - Not Reported