

Part 573 Safety Recall Report

18V-211

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** APR 03, 2018**NHTSA Recall No. :** 18V-211**Manufacturer Recall No. :** JOK/JLD**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 : 6,046
Estimated percentage with defect : NR

Vehicle Information :**Vehicle 1 :** 2018-2018 Toyota Camry**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) Only vehicles equipped with vacuum pumps containing rotors manufactured during the suspected period described below are affected; other vacuum pumps are not affected.

(3) No other Toyota or Lexus vehicles sold in the U.S. utilize the same vacuum pump.

Note: Toyota is unable to provide an estimate of the percentage of vehicles that actually contain the defect. Whether the manufacturing issue will lead to vane breakage in the vacuum pump, creating an unreasonable risk to safety, depends on each vehicle's operating conditions over time and actual drilling condition achieved at the time of manufacturing.

Production Dates : OCT 05, 2017 - NOV 03, 2017**VIN Range 1 : Begin :**

NR

End : NR Not sequential**Vehicle 2 :** 2018-2018 Toyota Highlander**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) Only vehicles equipped with vacuum pumps containing rotors manufactured during the suspected period described below are affected; other vacuum pumps are not affected.

(3) No other Toyota or Lexus vehicles sold in the U.S. utilize the same vacuum pump.

Note: Toyota is unable to provide an estimate of the percentage of vehicles that actually contain the defect. Whether the manufacturing issue will lead to vane breakage in the vacuum pump, creating an unreasonable risk to safety, depends on each vehicle's operating conditions over time and actual drilling condition achieved at the time of manufacturing.

Production Dates : OCT 04, 2017 - NOV 03, 2017

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 3 : 2017-2017 Toyota Sienna

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) Only vehicles equipped with vacuum pumps containing rotors manufactured during the suspected period described below are affected; other vacuum pumps are not affected.

(3) No other Toyota or Lexus vehicles sold in the U.S. utilize the same vacuum pump.

Note: Toyota is unable to provide an estimate of the percentage of vehicles that actually contain the defect. Whether the manufacturing issue will lead to vane breakage in the vacuum pump, creating an unreasonable risk to safety, depends on each vehicle's operating conditions over time and actual drilling condition achieved at the time of manufacturing.

Production Dates : OCT 06, 2017 - OCT 23, 2017

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 4 : 2017-2017 Toyota Tacoma

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) Only vehicles equipped with vacuum pumps containing rotors manufactured during the suspected period described below are affected; other vacuum pumps are not affected.

(3) No other Toyota or Lexus vehicles sold in the U.S. utilize the same vacuum pump.

Note: Toyota is unable to provide an estimate of the percentage of vehicles that actually contain the defect. Whether the manufacturing issue will lead to vane breakage in the vacuum pump, creating an unreasonable risk to safety, depends on each vehicle's operating conditions over time and actual drilling condition achieved at the time of manufacturing.

Production Dates : OCT 05, 2017 - NOV 03, 2017

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2017-2017 Lexus RX350

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) Only vehicles equipped with vacuum pumps containing rotors manufactured during the suspected period described below are affected; other vacuum pumps are not affected.

(3) No other Toyota or Lexus vehicles sold in the U.S. utilize the same vacuum pump.

Note: Toyota is unable to provide an estimate of the percentage of vehicles that actually contain the defect. Whether the manufacturing issue will lead to vane breakage in the vacuum pump, creating an unreasonable risk to safety, depends on each vehicle's operating conditions over time and actual drilling condition achieved at the time of manufacturing.

Production Dates : OCT 02, 2017 - OCT 18, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with a vacuum pump assembly, which provides vacuum for the brake booster. The vacuum pump is supplied oil from the engine to seal and lubricate the movement of the pump vane. Engine oil is distributed to the vacuum pump housing through the rotor oil galley. There is a possibility that the oil galley in the rotor was not properly machined at the supplier. In this condition, oil may not be distributed throughout the vacuum pump. In some cases this may cause the vane to break, leading to the illumination of a warning light, a warning message, an audible tone, and resulting in the sudden loss of braking assist. A sudden loss of braking assist while driving could increase the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In this condition, oil may not be distributed throughout the vacuum pump. In some cases this may cause the vane to break, leading to the illumination of a warning light, a warning message, an audible tone, and resulting in the sudden loss of braking assist. A sudden loss of braking assist while driving could increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Magna Powertrain de México
Address : Boulevard Interamerican #220, Parque
Industrial FINSA, Apodaca Nuevo Leon FOREIGN STATES 66600
Country : Mexico

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 involved vehicles will be notified via first class mail to return their vehicles to a Toyota or Lexus dealer, as applicable. Dealers will replace the vacuum pump with a new one. As the owner notification letters will be mailed out well within the active period of the Toyota/Lexus 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 : Recalled component name: Pump Assembly, Vacuum, Recalled component description: Vacuum pump assembly, Recalled component part number: 29300-0P011, 29300-0P021

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 the end of May, 2018. A copy of the draft owner notification letter will be submitted as soon as available. Notifications to distributors/dealers will be sent on April 3, 2018. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : APR 03, 2018 - APR 03, 2018
Planned Owner Notification Date : MAY 31, 2018 - JUN 02, 2018

* NR - Not Reported