

Part 573 Safety Recall Report**16V-198****Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** APR 06, 2016**NHTSA Recall No. :** 16V-198**Manufacturer Recall No. :** GOI, GLC**Manufacturer Information :**

Manufacturer Name : Toyota Motor Engineering & Manufact

Address : 19001 South Western Avenue

Torrance CA 90501

Company phone : 1-800-331-4331

Population :

Number of potentially involved : 16,656

Estimated percentage with defect : NR

Vehicle Information :

Vehicle : 2016-2016 Toyota RAV4

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) No other Toyota or Lexus vehicles use the affected brake actuator assembly as the subject vehicles.

Production Dates : OCT 30, 2015 - FEB 03, 2016

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2016-2016 Lexus RX350

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) No other Toyota or Lexus vehicles use the affected brake actuator assembly as the subject vehicles.

Production Dates : OCT 26, 2015 - FEB 08, 2016

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2016-2016 Lexus ES350

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) No other Toyota or Lexus vehicles use the affected brake actuator assembly as the subject vehicles.

Production Dates : SEP 01, 2015 - FEB 29, 2016

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Description of Noncompliance :

Description of the Noncompliance : The subject vehicles are equipped with an Anti-Lock Braking system (ABS), Traction Control System (TRAC), and Vehicle Stability Control System (VSC) which are controlled by the brake actuator. There is a possibility that some brake actuators may have been assembled with a pump containing an O-ring that is damaged in such a way that the brake fluid pressure may not be properly controlled during ABS, TRAC, and VSC activation. This could result in noncompliance with the requirement of S5.2 of FMVSS126, which could cause a loss of vehicle stability control and increase the risk of crash.

FMVSS 1 : 126 - Electronic stability control systems

FMVSS 2 : NR

Description of the Safety Risk : There is a possibility that some brake actuators may have been assembled with a pump containing an O-ring that is damaged in such a way that the brake fluid pressure may not be properly controlled during ABS, TRAC, and VSC activation. This could result in noncompliance with the requirement of S5.2 of FMVSS126, which could cause a loss of vehicle stability control and increase the risk of crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Advics North America, Inc.

Address : 1650 Kingsview Drive
Lebanon OHIO 45036

Country : United States

Chronology :

In Mid-February, 2016, Toyota was notified by the brake actuator supplier that some brake actuators may have been delivered containing a damaged O-ring. It was then confirmed at the manufacturing plants involved that the affected brake actuators were used in vehicle production. A series of calculations and other analyses were performed to assess whether the affected brake actuators may affect compliance with the requirements of S5.2 of FMVSS 126.

As a result of this investigation, it was determined on March 31, 2016, that some vehicles may not meet the requirement of S5.2 of FMVSS 126.

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 or Lexus dealer. The dealers will inspect the serial number of the brake actuator and, if necessary, replace the brake actuator assembly with a new one at no cost. As the owner notification letters will be mailed out well within the active period of the Toyota or Lexus New Vehicle Limited Warranty, all involved vehicle owners for this recall would have been provided a repair at no cost under Toyota's or Lexus' 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 of the affected vehicles will occur by early June, 2016. A copy of the draft owner notification letter(s) will be submitted as soon as available. Notifications to distributors/dealers were sent on April 5, 2016. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : APR 05, 2016 - APR 05, 2016

Planned Owner Notification Date : JUN 05, 2016 - JUN 05, 2016

* NR - Not Reported