

**Part 573 Safety Recall Report****15V-341****Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** JUN 26,2015**NHTSA Recall No. :** 15V-341**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Toyota Motor Engineering &amp; Manufact

Address : 19001 South Western Avenue

Torrance CA 90501

Company phone : 1-800-331-4331

**Population :**

Number of potentially involved : 3,013

Estimated percentage with defect : 0

**Vehicle Information :**

Vehicle : 2015-2015 Lexus NX200t

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Although the involved vehicles are within the above VIN range, not all vehicles in this range were sold in the U.S.

No other Toyota or Lexus vehicles sold in the U.S. use the same Anti-Lock Brake System actuator as the subject vehicles.

Production Dates : DEC 18, 2014 - FEB 02, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

**Description of the Defect :** 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 ABS actuator. Due to the improper shape of a component inside the ABS actuator, there is a possibility that a resin component could be damaged during its press fitting assembly, creating minute resin fragment(s) which could become stuck in the actuator. If this occurs, the oil pressure control may be delayed when the Anti-Lock Brakes are activated, causing a loss of vehicle stability and increasing the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** The oil pressure control may be delayed when the Anti-Lock Brakes are activated, causing a loss of vehicle stability and increasing the risk of a crash.

**Description of the Cause :** NR

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : Advics Co., LTD

Address : 2-1, Showa-cho

Kariya-city, Aichi-pref FOREIGN STATES 448-8688

Country : Japan

**Chronology :**

Early March – Mid May 2015

In early March, during a brake line air-bleeding operation on a prototype vehicle equipped with a production-level ABS actuator, abnormal brake pedal feel was observed. The ABS actuator was removed and sent to the supplier of the actuator for analysis. The supplier disassembled the actuator and discovered a resin fragment at the oil pressure control valve utilized for the rear wheel.

The supplier reviewed the production history of the actuator, including the oil pressure control valves. It found a record of a concern involving a resin fragment on another actuator produced on the day that the oil pressure control valves installed in the actuator from the prototype vehicle were produced.

The resin fragment was believed to have been created during the press fitting assembly due to the improper shape of the seat valve, which is a component of the oil pressure control valve. During further investigation, sample seat valves retained by the supplier for quality confirmation were analyzed. Seat valves produced between August 22 and September 4, 2014 were found to be shaped improperly.

Toyota evaluated the potential risks associated with the operation of a vehicle if the ABS actuator contained small resin fragments. It was confirmed that, if a resin fragment becomes stuck at the oil pressure control valve, oil pressure control may be delayed during the activation of the ABS, causing a loss of vehicle stability.

May 21, 2015

Based on the above investigation, Toyota decided to conduct a voluntary safety recall campaign on the subject vehicles.

As of May 19, 2015, Toyota is not aware of any accidents or injuries caused by this condition, and no Toyota field reports or warranty claims have been received.

**Description of Remedy :**

Description of Remedy Program : All known owners of the affected Lexus vehicles will be notified by first class mail to return their vehicles to a Lexus dealer for inspection. The dealer will inspect the serial number of the ABS actuator, and, if it is equipped with an affected actuator, the dealer will replace the ABS actuator with a new one. As the owner notification letters will be mailed out well within the active period of the Lexus New Vehicle Limited Warranty (“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 : NR

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

**Recall Schedule :**

Description of Recall Schedule : Notifications to owners will begin early July 2015. A copy of the draft owner notification letter(s) will be submitted as soon as it is available.

Notifications to distributors/dealers will be sent on May 27, 2015. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : MAY 27, 2015 - MAY 27, 2015

Planned Owner Notification Date : NR - NR

\* NR - Not Reported