

May 27, 2015

## DEFECT INFORMATION REPORT

1. Vehicle Manufacturer Name:

Toyota Motor Corporation ["TMC"]  
1, Toyota-cho, Toyota-shi, Aichi 471-8571, Japan

Affiliated U.S. Sales Company

Toyota Motor Sales, USA, Inc. ["TMS"]  
19001 South Western Avenue, Torrance, CA 90501

Manufacturer of Brake Actuator Assembly:

ADVICS CO., LTD  
2-1, Showa-cho, Kariya-city, Aichi-pref., 448-8688, Japan  
Phone: +81-566-63-8000

Country of Origin: Japan

2. Identification of Involved Vehicles:

Based on production records, we have determined the involved vehicle population as in the table below.

Make/ Car Line	Model Year	Manufac- turer	VIN		Production Period
			VDS	VIS	
Lexus/ NX200t	2015	TMC	*ARBZ	F2004091 – F2010905	December 18, 2014 through February 2, 2015

Note: (1) Although the involved vehicles are within the above VIN range, not all vehicles in this range were sold in the U.S.

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

3. Total Number of Vehicles Potentially Involved:

3,013

4. Percentage of Vehicles Estimated to Actually Contain the Defect:

Unknown

5. Description of Problem:

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.

6. Chronology of Principal Events:

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.

#### 7. Description of Corrective Repair Action:

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.

#### Reimbursement Plan for pre-notification remedies

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.

#### 8. 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.

#### 9. Distributor/Dealer Notification Schedule:

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