

Part 573 Safety Recall Report**15V-144****Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** MAR 27,2015**NHTSA Recall No. :** 15V-144**Manufacturer Recall No. :** NR**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 : 110,085

Estimated percentage with defect : 0

Vehicle Information :

Vehicle : 2015-2015 Toyota Camry

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. Only Camry vehicles equipped with the 2GR engine in the above range are involved. No other Toyota or Lexus vehicles use the affected electric power steering electronic control unit installed in the steering column assembly.

Production Dates : SEP 11, 2014 - NOV 03, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Toyota Camry Hybrid

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 use the affected electric power steering electronic control unit installed in the steering column assembly.

Production Dates : SEP 10, 2014 - NOV 04, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2015 Toyota RAV4

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 use the affected electric power steering electronic control unit installed in the steering column assembly.

Production Dates : AUG 18, 2014 - NOV 21, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2015-2015 Toyota Highlander

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 use the affected electric power steering electronic control unit installed in the steering column assembly.

Production Dates : AUG 15, 2014 - DEC 23, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2015-2015 Toyota Highlander Hybrid

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 use the affected electric power steering electronic control unit installed in the steering column assembly.

Production Dates : SEP 03, 2014 - NOV 17, 2014

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 electric power steering (EPS) system consisting of an EPS electronic control unit (ECU) and a steering column assembly with an attached power steering motor, rotation angle sensor, and torque sensor. A resistor on the EPS ECU circuit board for the subject vehicles may have been

damaged during the ECU manufacturing process. If the damage in the resistor progresses during usage of the vehicle, resistance may become high and the ECU could detect abnormal current in the circuit. This results in illumination of an instrument panel warning lamp, and the system enters the fail-safe mode immediately, suspending power steering assist. In the event of loss of power steering assist, the steering system will revert to manual steering mode and steering control can be maintained at all times. However, suspension of power steering assist results in increased steering effort at low vehicle speeds and increases the risk of a crash.

Description of the Safety Risk : Suspension of power steering assist results in increased steering effort at low vehicle speeds and increases the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : NSK Steering Systems Americas, Inc.

Address : 4200 Goss Road

Ann Arbor MICHIGAN 48105

Country : United States

Chronology :

See attached Part 573 for chronology.

Description of Remedy :

Description of Remedy Program : All known owners of the affected Toyota vehicles will be notified by first class mail to return their vehicles to a Toyota dealer for inspection. The dealer will inspect the serial number of the EPS ECU or steering column assembly, and, if it is equipped with an affected EPS ECU, the dealer will replace the EPS ECU with a new one. As the owner notification letters will be mailed out well within the active period of the Toyota 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 : NR

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

Recall Schedule :

Description of Recall Schedule : Toyota anticipates the owner notification will begin in late April 2015. Copies of the owner notification letter will be submitted as soon as it is available.
Toyota's notification to distributors/dealers will be sent on March 11, 2015.
Copies of the dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported