

Part 573 Safety Recall Report

20V-373

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** JUN 24, 2020**NHTSA Recall No. :** 20V-373**Manufacturer Recall No. :** See attached report**Manufacturer Information :****Population :**

Manufacturer Name : Toyota Motor Engineering & Manufacturing

Number of potentially involved : 46

Address : 6565 Headquarters Drive

Estimated percentage with defect : NR

Plano TX 75024

Company phone : 1-800-331-4331

Vehicle Information :

Vehicle 1 : 2019-2020 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) This issue only affects the vehicles listed above that were assembled with steering gear assemblies that were manufactured by a specific supplier on a specific production line during a specific time period. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with steering gear assemblies that were potentially manufactured by the specific supplier on the specific production line during the specific time period. Note: The percentage of vehicles estimated to actually contain the defect is unknown. Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether a missing screw or a screw that was not properly tightened will, over time, lead to certain components inside the steering gear corroding and causing a loss of power steering assist depends on the steering loading conditions experienced by each particular vehicle.

Production Dates : JUL 02, 2019 - FEB 11, 2020

VIN Range 1 : Begin : NR

End : NR

Not sequential

Vehicle 2 : 2020-2020 Toyota RAV4 HV

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) This issue only affects the vehicles listed above that were assembled with steering gear assemblies that were manufactured by a specific supplier on a specific production line during a specific time period. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with steering gear assemblies that were potentially manufactured by the specific supplier on the specific production line during the specific time period. Note: The percentage of vehicles estimated to actually contain the defect is unknown. Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. Whether a missing screw or a screw that was not properly tightened will, over time, lead to certain components inside the steering gear corroding and causing a loss of power steering assist depends on the steering loading conditions experienced by each particular vehicle.

Production Dates : DEC 17, 2019 - FEB 11, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with an electric power steering (EPS) system, which includes a steering gear assembly containing a steering gear box cover that is attached with five screws. One specific screw of the five may not have been installed or properly tightened. This could create a gap between the steering gear assembly and the steering gear box cover under certain steering loading conditions, allowing water to enter. Over time, certain components inside the steering gear could corrode, resulting in a loss of 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.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Over time, certain components inside the steering gear could corrode, resulting in a loss of 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 Cause : NR

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : Gear Assy, Electric Power Steering

Component Description : Power Steering Gear Assembly

Component Part Number : 44250-0R011

Component Name 2 : Gear Assy, Electric Power Steering

Component Description : Power Steering Gear Assembly

Component Part Number : 44250-0R021

Supplier Identification :

Component Manufacturer

Name : Robert Bosch Automotive Steering LLC.

Address : 15 Spiral Dr.

Florence KENTUCKY 41042

Country : United States

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 subject vehicles will be notified by first class mail to return their vehicles to a Toyota dealer. For all involved vehicles, Toyota dealers will replace the electric power steering gear assembly with a new one at no cost to customers. 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 : Notifications to owners of the affected vehicles will occur by August 23, 2020. A copy of the draft owner notification will be submitted as soon as it is available. Notifications to distributors/dealers will be sent by June 24, 2020. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : JUN 24, 2020 - JUN 24, 2020

Planned Owner Notification Date : AUG 10, 2020 - AUG 23, 2020

* NR - Not Reported