

Part 573 Safety Recall Report

20V-286

Manufacturer Name : Toyota Motor Engineering & Manufacturing**Submission Date :** MAY 20, 2020**NHTSA Recall No. :** 20V-286**Manufacturer Recall No. :** See Attached Report**Manufacturer Information :**

Manufacturer Name : Toyota Motor Engineering & Manufacturing
Address : 6565 Headquarters Drive
 Plano TX 75024
Company phone : 1-800-331-4331

Population :

Number of potentially involved : 9,502
Estimated percentage with defect : NR

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 front lower suspension arm(s) that were potentially manufactured from a specific slab of steel material by a specific supplier under certain production conditions. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with front suspension lower arms that were potentially manufactured with the aforementioned material.

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 crack exists in any particular front lower suspension arm will depend on production variation. In addition, whether a crack, that exists, will lead to a separation of the lower suspension arm while driving at higher speeds depends, in each case, on the depth of the crack on the front lower arm when manufactured and the driving patterns of the vehicle.

Production Dates : SEP 25, 2019 - OCT 29, 2019**VIN Range 1 : Begin :**

NR

End : NR Not sequential

Vehicle 2 : 2019-2020 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 front lower suspension arm(s) that were potentially manufactured from a specific slab of steel material by a specific supplier under certain production conditions. Other Toyota or Lexus vehicles sold in the U.S. are not equipped with front suspension lower arms that were potentially manufactured with the aforementioned material.

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 crack exists in any particular front lower suspension arm will depend on production variation. In addition, whether a crack, that exists, will lead to a separation of the lower suspension arm while driving at higher speeds depends, in each case, on the depth of the crack on the front lower arm when manufactured and the driving patterns of the vehicle.

Production Dates : SEP 25, 2019 - OCT 25, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with front lower suspension arms connecting the front wheels to the vehicle front cross member. Due to certain improper production conditions that occurred at the steel material supplier, a steel slab that was used to produce front lower suspension arms may have had cracks on some portions of its surface. If a vehicle with an affected front lower suspension arm(s) is driven frequently with rapid acceleration and deceleration over its lifetime, the cracks in the affected arms could propagate and the suspension arm can eventually separate from the front wheel assembly. This may result in a loss of vehicle control and increase the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a vehicle with an affected front lower suspension arm(s) is driven frequently with rapid acceleration and deceleration over its lifetime, the cracks in the affected arms could propagate and the suspension arm can eventually separate from the front wheel assembly. This may result in a loss of vehicle control and increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : ARM SUB-ASSY, SUSPENSION LWR RH W/BUSH

Component Description : Front Lower Suspension Arm

Component Part Number : 48068-42070

Component Name 2 : ARM SUB-ASSY, SUSPENSION LWR LH W/BUSH

Component Description : Front Lower Suspension Arm

Component Part Number : 48069-42070

Supplier Identification :**Component Manufacturer**

Name : Nippon Steel Corporation

Address : 2-6-1 Marunouchi, Chiyoda-ku
Tokyo FOREIGN STATES 100-8071

Country : Japan

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 both front lower suspension arms with new ones free of charge. 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 NR
from Recalled Component :

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

Recall Schedule :

Description of Recall Schedule : Notifications to owners of the affected vehicles will occur by July 19, 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 May 20, 2020. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : MAY 20, 2020 - MAY 20, 2020

Planned Owner Notification Date : JUL 12, 2020 - JUL 19, 2020

* NR - Not Reported