

Part 573 Safety Recall Report

18V-888

Manufacturer Name : Toyota Motor Engineering & Manufacturing

Submission Date : DEC 13, 2018

NHTSA Recall No. : 18V-888

Manufacturer Recall No. : J16/J06



Manufacturer Information :

Population :

Manufacturer Name : Toyota Motor Engineering & Manufacturing

Number of potentially involved : 44,121

Address : 6565 Headquarters Drive

Estimated percentage with defect : 90 %

Plano TX 75024

Company phone : 1-800-331-4331

Vehicle Information :

Vehicle 1 : 2018-2019 Toyota Tacoma

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : (1) Although the involved vehicles are within the above production period, not all vehicles in this range were sold in the U.S.

(2) Only vehicles in the above production range which were assembled with master cylinders cast in the supplier's Japan facility and machined in its U.S. facility are involved.

(3) No other Toyota vehicles were built with master cylinders produced using the affected casting and machining process combinations. Master cylinders produced before the affected part range were cast and machined in the supplier's Japan facility using different machining processes. Master cylinders produced after the affected part range were cast at the supplier's Mexico facility, using a different casting process, and then machined at its U.S. facility.

NOTE: Toyota estimates that at least 90% of the involved vehicles have potential to develop the failed seal condition over the lifetime of the vehicle, which could lead to the unreasonable risk to safety described below.

Production Dates : FEB 20, 2018 - NOV 14, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The subject vehicles contain a brake master cylinder that includes a rubber seal which seals the brake fluid within the housing as the master cylinder piston moves. Due to combinations of improper part machining operations at one supplier facility and casting variations of master cylinders at another of its facilities, there is a possibility that a master cylinder could have an edge that does not have the correct chamfer where the rubber seal is retained. If this were to occur, over time, this edge could damage the rubber seal, causing an internal fluid leak. If the vehicle continues to be operated in this condition, the brake pedal feel could change, and front brake performance could be suddenly reduced. Reduced front braking performance could increase the vehicle stopping distance and may increase the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle continues to be operated in this condition, the brake pedal feel could change, and front brake performance could be suddenly reduced. Reduced front braking performance could increase the vehicle stopping distance and may increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning
that can Occur : NR**Supplier Identification :****Component Manufacturer**

Name : ADVICS North America, Inc.

Address : 1650 Kingsview Drive
Lebanon OHIO 45036

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 involved vehicles will be notified via first class mail to return their vehicles to a Toyota dealer. Toyota dealers will replace the brake master cylinder 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 : Recalled component name: Cylinder Sub-Assy, Brake Master, Recalled component description: Brake Master Cylinder, Recalled component part numbers: 47201-04170 & 47201-04180

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

Recall Schedule :

Description of Recall Schedule : Notifications to owners of the affected vehicles will begin by late January, 2019. A copy of the draft owner notification letter will be submitted as soon as available. Notifications to distributors/dealers will be sent on December 13, 2018. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : DEC 13, 2018 - DEC 13, 2018

Planned Owner Notification Date : JAN 21, 2019 - JAN 31, 2019

* NR - Not Reported