

Part 573 Safety Recall Report

19V-532

Manufacturer Name : Braun Corporation**Submission Date :** JUL 16, 2019**NHTSA Recall No. :** 19V-532**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Braun Corporation

Address : 631 West 11 Street

Winamac IN 46996

Company phone : 574-946-6153

Population :

Number of potentially involved : 595

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2020 Toyota Sienna

Vehicle Type : LIGHT VEHICLES

Body Style : VAN

Power Train : GAS

Descriptive Information : On July 2, 2019 Braun was notified of 2 steering shaft extensions that had broken. Braun requested the broken parts be returned for inspection. On July 8, 2019, one of the parts was received and analyzed to have a manufacturing defect by a Braun supplier. The defect is manifested by steering shaft extensions being produced outside specifications and leading to a condition where the material wall thickness is reduced and could lead to fracturing of the extensions. The recall population was determined to be those vehicles produced with potentially defective steering shaft extensions which had been manufactured by a Braun supplier between February, 19, 2019 and April 18, 2019. The recalled products are vehicles manufactured with potentially defective supplier parts. The number of affected vehicles is 595.

Production Dates : FEB 20, 2019 - JUL 08, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Steering shaft extensions produced outside specifications and leading to a condition where the material wall thickness is reduced and could lead to fracturing of the extensions.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Should the steering shaft extension completely fracture, loss of steering will result and could lead to a crash.

Description of the Cause : Supplier manufacturing error.

Identification of Any Warning that can Occur : The recall condition may occur without warning.

Supplier Identification :

Component Manufacturer

Name : Numerix Inc.
Address : 406 B Diamond Ave.
Columbia City INDIANA 46725
Country : United States

Chronology :

On July 2, 2019 Braun was notified of 2 steering shaft extensions that had broken. Braun requested the broken parts be returned for inspection. On July 8, 2019, one of the parts was received and analyzed to have a manufacturing defect by a Braun supplier. On July 11, 2019 a decision to Stop Sale and recall was made. The Stop Sale notice to mobility dealers was also issued on July 11, 2019.

Description of Remedy :

Description of Remedy Program : Steering shaft extensions produced outside specifications and leading to a condition where the material wall thickness is reduced and could lead to fracturing of the extensions. Braun is in the process of correcting vehicles in its possession. Vehicles in the possession of dealers have been placed on "Stop Ship" status pending receipt of supplier correct parts and development of written remedy procedures. Vehicles in possession of customers are being recalled, and customers advised to bring their affected vehicles to a mobility dealer for removal and replacement of the affected steering shaft extension. The removal and replacement will be free of charge to the customer.

How Remedy Component Differs from Recalled Component : The remedy component will be produced with proper machining and maintain correct material wall thickness, whereas the recalled component was manufactured incorrectly to include an improper machining operation that could remove too much material and create a thinner material wall.

Identify How/When Recall Condition was Corrected in Production : The recall condition was corrected in production on July 8, 2019 and was corrected by utilizing newly received and inspected steering shaft extensions manufactured to correct specifications.

Recall Schedule :

Description of Recall Schedule : Upon information and belief, the recall will begin as soon as corrected parts become available before the end of July, 2019. This also depends on NHTSA approval of owner notification documents.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported