

Part 573 Safety Recall Report

21V-276

Manufacturer Name : Bentley Motors, Inc.

Submission Date : APR 21, 2021

NHTSA Recall No. : 21V-276

Manufacturer Recall No. : RE21/17 (RB98)



Manufacturer Information :

Manufacturer Name : Bentley Motors, Inc.

Address : 2200 Ferdinand Porsche Drive

Herndon VA 20171

Company phone : 1-800-777-6923

Population :

Number of potentially involved : 206

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Bentley Bentayga

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Supplier production records were analyzed to identify potentially affected nuts. Using vehicle production records, the affected vehicles have been identified..206 Bentley Bentaygas'

Production Dates : OCT 03, 2020 - DEC 19, 2020

VIN Range 1 : Begin : SJAAM2ZV0MC033766 **End :** SJAAM2ZV3MC034295 **Not sequential**

Description of Defect :

Description of the Defect : Due to stress corrosion on lock nuts of particular production batches, the lock nut of the excentric bolt on the trailing arm of the rear axle may break which may cause alterations in the wheel alignment of the rear axle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The rear axle could suddenly and uncontrollably move in the wrong direction at higher speeds. This can lead to a loss of vehicle control and a crash without warning.

Description of the Cause : Due to hydrogen-induced stress corrosion cracking of individual manufacturing batches, the lock nut of the excentric bolt can break on the rear axle lower lever arm which may cause alterations in the wheel alignment of the rear axle.

Identification of Any Warning that can Occur : This could be noticed by a steering wheel misalignment when driving straight ahead or by the vehicle pulling to one side when braking or accelerating.

Involved Components :

Component Name 1 : Lock nut

Component Description : M14x1.5 lightweight nut

Component Part Number : WHT 007 610

Supplier Identification :

Component Manufacturer

Name : Hewi G. Winker GmbH & Co. KG

Address : Postfach 1356,
Spaichingen Foreign States D-78545

Country : Germany

Chronology :

February 2021 - Bentley notified that certain batches of rear axle trailing arm lock nuts had not been manufactured according to the required parameters.

March 2021 - Field analysis shows no complaints or reports of defects on Bentley vehicles.

March - April 2021 - The driving behavior was analyzed to better understand potential further impacts on the drivability of the vehicles in a defect condition.

19th April 2021 - Identification of potential safety risk, Product Safety Committee decision to launch recall.

Description of Remedy :

Description of Remedy Program : Bentley will notify the owners of the affected vehicles and will instruct them to arrange for an appointment with an authorized Bentley dealer. The affected lock nuts will be replaced free of charge. Because the affected vehicles are still within the new vehicle limited warranty period, Bentley will not offer a reimbursement program under this recall

How Remedy Component Differs from Recalled Component : Lock nuts that meet the specifications will be installed.

Identify How/When Recall Condition was Corrected in Production : Lock nuts with correct parameters are used in production.

Recall Schedule :

Description of Recall Schedule : Dealer anticipated 05/31/2021 Customer anticipated 05/31/2021

Planned Dealer Notification Date : MAY 31, 2021 - MAY 31, 2021

Planned Owner Notification Date : MAY 31, 2021 - MAY 31, 2021

* NR - Not Reported