

Part 573 Safety Recall Report

20V-784

Manufacturer Name : Aston Martin The Americas**Submission Date :** DEC 16, 2020**NHTSA Recall No. :** 20V-784**Manufacturer Recall No. :** RA-30-1471**Manufacturer Information :**

Manufacturer Name : Aston Martin The Americas

Address : Banbury Road
Gaydon Warwick, United Kingdom 00
CV35 0DB

Company phone : 999

Population :

Number of potentially involved : 151

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Aston Martin DBX

Vehicle Type : LOW VOLUME VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The determination of the recall population is based on a review of the DBX SUV manufacturing records. These show that certain vehicles were incorrectly built without headliner foam blocks that were designed to enable the vehicle to conform to the standard.

The products that do conform to the standard have a record of complete Headliner foam block installation.

The number of affected products is 151

Production Dates : MAR 05, 2020 - OCT 22, 2020

VIN Range 1 : Begin : SCFVUJAW1MTV00127 End : SCFVUJAW7MTV01041 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Federal Motor Vehicle Safety Standard (FMVSS) No. 201, Occupant Protection in Interior impact, requires passenger cars, and trucks, buses and multipurpose passenger vehicles (MPVs) with a gross vehicle weight rating (GVWR) of 4,536 kilograms or less to afford impact protection for occupants.

The specified headliner foam blocks are needed to enable the vehicle to comply with FMVSS No: 201. The vehicles identified in 573.6(c)(2) and (c)(3) were incorrectly assembled without the required headliner foam blocks.

FMVSS 1 : 201 - Occupant protection in interior impact

FMVSS 2 : NR

Description of the Safety Risk : This misbuild may result in an increased risk of head injury to unbelted occupants during a crash. There have not been any reported accidents or injuries relating to this issue. There have been no further reports of this

concern during the period of our investigations.

Description of the Cause : The Headliner panel on the affected vehicles was not assembled correctly in the vehicle manufacturing plant

Identification of Any Warning that can Occur : A message will displayed on the Instrument Cluster, and an audible message will sound, warning that Front Seat Belts are not fastened, if occupancy of the seats are sensed and the vehicle is in motion

Involved Components :

Component Name 1 : Foam Block Front Top

Component Description : Energy absorbent Foam Block

Component Part Number : MY83-83-10035

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

- December 3rd 2020 - Aston Martin identified that the manufacturing process did not include the steps to install the foam block to the headliner.
- Aston Martin initiated an investigation to determine if vehicles had been misbuilt and, if so, which vehicles. The investigation also included a review of whether the misbuild constitutes a safety defect or noncompliance.
- The Company's Technical Review Group (TRG) met regularly throughout the investigation.
- The Company's Critical Concerns Review Group (CCRG) met on December 14th, 2020 and recommended the matter should be reviewed by the Recall Committee.
- The Recall Committee convened on December 14th 2020 and determined that:
 - a) designated vehicles had been assembled incorrectly,
 - b) the misbuild results in noncompliance with FMVSS No.201, and
 - c) that a voluntary safety recall of all affected vehicles should be launched immediately and completed without charge to the customer.

Description of Remedy :

Description of Remedy Program : Aston Martin will install the headliner foam blocks to the affected vehicles. This will be done Free of Charge to owners.

How Remedy Component Differs from Recalled Component : The Remedy components will have Foam Blocks inserted into the Headliner so that it will comply with FMVSS No. 201. Compliance test passed with value HIC = 696 week 13/2020.

Foam Blocks are not present on the Recalled components. Components without Foam Blocks did not meet legal targets at one impact location (test 800H4129- week 2/2020): UR6_3 HIC =1120.

Identify How/When Recall Condition was Corrected in Production : Foam Blocks were installed at the Headliner Assembly station in the manufacturing plant on 7th December 2020. Any vehicles not included in the non-compliance recall population, built before 7th December 2020 will be rectified under an Aston Martin controlled re-work process/quarantine.

Recall Schedule :

Description of Recall Schedule : Dealer Bulletin Re-work instructions will be posted to Aston Martin's Dealer Communication system. Customer notification will be by Letter as soon as possible after NHTSA's approval of the content

Planned Dealer Notification Date : DEC 17, 2020 - DEC 17, 2020

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

* NR - Not Reported