

Part 573 Safety Recall Report

25V-001

Manufacturer Name : Aston Martin The Americas**Submission Date :** JAN 02, 2025**NHTSA Recall No. :** 25V-001**Manufacturer Recall No. :** RA-30-2015**Manufacturer Information :**

Manufacturer Name : Aston Martin The Americas

Address : Banbury Road
Gaydon Warwick, United Kingdom O0
CV35 0DB

Company phone : 999

Population :

Number of potentially involved : 1,452

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2024-2025 Aston Martin DB12

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Aston Martin manufactured 342 DBX 707, 138 DB12 and 200 Vantage vehicles between March 2024 and December 2024 intended for sale in the USA. It is determined that these vehicles may not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 111, Rear Visibility (49 CFR § 571.111). A further 200 DBX 707, 418 DB12, 154 Vantage vehicles made for sale in the USA that received a software update as part of QN/SA-30-1994 may likewise not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 111, Rear Visibility (49 CFR § 571.111). Aston Martin manufactured or updated a further 40 DBX 707, 49 DB12, 33 Vantage vehicles for sale in other countries between March 2024 and December 2024 that include the same software.

Production Dates : MAR 01, 2024 - DEC 31, 2024VIN Range 1 : Begin : SCFRMFFWXRGL12410 End : SCFRMFGW5SGM15819 Not sequential

Vehicle 2 : 2025-2025 Aston Martin Vantage

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Aston Martin manufactured 342 DBX 707, 138 DB12 and 200 Vantage vehicles between March 2024 and December 2024 intended for sale in the USA. It is determined that these vehicles may not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 111, Rear Visibility (49 CFR § 571.111).
A further 200 DBX 707, 418 DB12, 154 Vantage vehicles made for sale in the USA that received a software update as part of QN/SA-30-1994 may likewise not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 111, Rear Visibility (49 CFR § 571.111).
Aston Martin manufactured or updated a further 40 DBX 707, 49 DB12, 33 Vantage vehicles for sale in other countries between March 2024 and December 2024 that include the same software.

Production Dates : MAR 01, 2024 - DEC 31, 2024

VIN Range 1 : Begin : SCFSMGFW5SGN08915 End : SCFSMGFW9SGN10215 Not sequential

Vehicle 3 : 2025-2025 Aston Martin DBX707

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Aston Martin manufactured 342 DBX 707, 138 DB12 and 200 Vantage vehicles between March 2024 and December 2024 intended for sale in the USA. It is determined that these vehicles may not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 111, Rear Visibility (49 CFR § 571.111).
A further 200 DBX 707, 418 DB12, 154 Vantage vehicles made for sale in the USA that received a software update as part of QN/SA-30-1994 may likewise not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 111, Rear Visibility (49 CFR § 571.111).
Aston Martin manufactured or updated a further 40 DBX 707, 49 DB12, 33 Vantage vehicles for sale in other countries between March 2024 and December 2024 that include the same software.

Production Dates : MAR 01, 2024 - DEC 31, 2024

VIN Range 1 : Begin : SD7VUJDW8STV11424 End : SD7VUJDW8STV13044 Not sequential

Description of Noncompliance :

Description of the Noncompliance : The subject vehicles are fitted with a reverse camera that is activated automatically when reverse gear is selected. When a vehicle is started and reverse gear quickly selected, the home screen menu may obscure the display of the reverse camera (refer to Figure 1). The on-screen switches to change the view of the rear camera are also unavailable when the head unit home screen menu is displayed. The vehicle must be shut down to clear these symptoms when they occur. To prevent this problem occurring the vehicle should be started and the infotainment system allowed 20-30 seconds to fully boot up before reverse gear is selected.

FMVSS 1 : 111 - Rear visibility

FMVSS 2 : NR

Description of the Safety Risk : When the home screen menu obscures the view of the reverse camera, the driver's rear visibility may be affected and increase the risk of a collision. Although the display may be obscured, the driver will be able to use the rearview and side mirrors. Rear parking sensors will also continue to operate as normal.

This display does not conform to Federal Motor Vehicle Safety Standard (FMVSS) No. 111, Rear Visibility (49 CFR § 571.111) which states: The rearview image meeting the requirements of S6.2.1 and S6.2.2 shall remain visible during the backing event until either, the driver modifies the view, or the vehicle direction selector is removed from the reverse position. Aston Martin has not received any report of an accident or injury caused by this concern.

Description of the Cause : The root cause results from a software fault that affects application launch priorities. This is the sequence in which the head unit applications are started. This was applied in a update in production to vehicles from March 2024 and to vehicles in the field from October 2024 as part of a cross-carline software update (SA/QN-30-1994).

Affected vehicles built from March to September with the affected software are unable to be updated by OTA and must return to the dealer for a USB software update.

Vehicles built between September and December with the affected software can be updated by the customer by OTA.

Affected vehicles that have been updated as a part of QN/SA-30-1994 can be updated by the customer by Over-The-Air (OTA) regardless of build date. Refer to 2. 573.6 (c) (2) – Identification of Vehicles for vehicle volumes in each category.

Identification of Any Warning that can Occur : The driver should immediately recognise the display of the reverse camera is obscured. Although the display may be obscured, the driver will be able to use the rearview and side mirrors. Rear parking sensors will also continue to operate as normal

Involved Components :

Component Name 1 : Head Unit Software

Component Description : 911.28.10

Component Part Number : 911.29.10

Supplier Identification :

Component Manufacturer

Name : ART SpA.

Address : Località Pischiello 20

06065 Passignano sul Trasimeno Perugia Foreign States 06065

Country : Italy

Chronology :

1. This issue was first observed by Aston Martin 28th October. This opened an investigation
2. The software fault was identified as part of software updates adopted in production from March 2024 and as part of a service campaign launched in October 2024.
3. The Company's Technical Review Group (TRG) met regularly throughout the investigation.
4. The Company's Critical Concerns Review Group (CCRG) met on 20th December 2024 to assess the nature and scope of potential concerns related to the software non-compliance.
5. The CCRG reviewed the technical data and recommended the matter should be reviewed by the Recall Committee.
6. The Recall Committee convened on 24th December 2024 and determined that:
 - a. a non-compliance could occur in the relevant vehicle population;
 - b. an Over-The-Air (OTA) software update should be deployed so that affected vehicles would comply with the relevant FMVSS and;
 - c. a voluntary compliance recall should be implemented for all affected vehicles that cannot install the OTA software update.

Description of Remedy :

Description of Remedy Program : Aston Martin will contact all customers by letter to make them aware of the compliance issue.
Customers with vehicles that are OTA capable will also receive a notification on the vehicle head unit when the software update is available for installation.

How Remedy Component Differs from Recalled Component : The new vehicle head unit software shows an unobstructed view of the rear camera when reverse is selected.

Identify How/When Recall Condition was Corrected in Production : December 2024 an updated head unit software was released to production.

Recall Schedule :

Description of Recall Schedule : It is Aston Martin's intention to notify all customers listed in table in 573.6(c) (2) above. Aston Martin will provide copies of the notification schedule, including mail dates for the owner letter, when available.

Planned Dealer Notification Date : JAN 02, 2025 - JAN 30, 2025

Planned Owner Notification Date : JAN 20, 2025 - JUN 30, 2025

* NR - Not Reported