

# Part 573 Safety Recall Report

# 17V-796

**Manufacturer Name :** Aston Martin The Americas

**Submission Date :** MAY 08, 2018

**NHTSA Recall No. :** 17V-796

**Manufacturer Recall No. :** RA-07-0028



## Manufacturer Information :

**Manufacturer Name :** Aston Martin The Americas

**Address :** Banbury Road  
Gaydon Warwick, United Kingdom O0  
CV35 ODB

**Company phone :** 999

## Population :

**Number of potentially involved :** 3,493

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2009-2016 Aston Martin DB9

**Vehicle Type :** LOW VOLUME VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** Aston Martin has found a defect which relates to motor vehicle safety on range of DB9, DBS, Virage, Rapide and Vanquish vehicles manufactured between the dates of February 2008 to July 2016, which have the 6-Speed Touchtronic II Automatic Transmission [US only vehicles].

The cause of the problem is a communication error between the Engine Control Module (ECM) software and the Transmission Control Module (TCM). This can cause the transmission park pawl to be held out. When the transmission park pawl is held out, this can let the vehicle roll away from its parked position.

This problem can occur when all of the following conditions are met:

- a) the vehicle key is removed from the ignition control and the engine speed is more than 450 rpm;
- b) the driver does not select Park;
- c) the driver does not engage the park brake;
- d) the vehicle is not parked on level ground; and
- e) there is a communication error between the ECM and the TCM.

Products not included do not have 6-Speed Touchtronic II Automatic Transmission

**Production Dates :** FEB 13, 2008 - JUL 21, 2016

**VIN Range 1 :** Begin : SCFAD01E49GA10560 End : SCFFDAFMXGGB17489  Not sequential

**Vehicle 2 :** 2009-2012 Aston Martin DBS

**Vehicle Type :** LOW VOLUME VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

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Transmission [US only vehicles].

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- e) there is a communication error between the ECM and the TCM.

Products not included do not have 6-Speed Touchtronic II Automatic Transmission

Production Dates : SEP 01, 2008 - SEP 04, 2012

VIN Range 1 : Begin : SCFAD06D49GE00493 End : SCFFDCCD8CGE13380  Not sequential

Vehicle 3 : 2010-2015 Aston Martin Rapide

Vehicle Type : LOW VOLUME VEHICLES

Body Style : 4-DOOR

Power Train : GAS

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- b) the driver does not select Park;
- c) the driver does not engage the park brake;
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- e) there is a communication error between the ECM and the TCM.

Products not included do not have 6-Speed Touchtronic II Automatic Transmission

Production Dates : MAR 30, 2010 - OCT 03, 2014

VIN Range 1 : Begin : SCFHDDAJ4AAF00068 End : SCFHMDBS7FGF04515  Not sequential

Vehicle 4 : 2012-2012 Aston Martin Virage

Vehicle Type : LOW VOLUME VEHICLES

Body Style : 2-DOOR

Power Train : GAS

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February 2008 to July 2016, which have the 6-Speed Touchtronic II Automatic Transmission [US only vehicles].

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- e) there is a communication error between the ECM and the TCM.

Products not included do not have 6-Speed Touchtronic II Automatic Transmission

Production Dates : JAN 24, 2011 - SEP 07, 2012

VIN Range 1 : Begin : SCFFDECN1CGG13330 End : SCFFDEDNXCGH14588  Not sequential

Vehicle 5 : 2014-2014 Aston Martin Vanquish

Vehicle Type : LOW VOLUME VEHICLES

Body Style : 2-DOOR

Power Train : GAS

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The cause of the problem is a communication error between the Engine Control Module (ECM) software and the Transmission Control Module (TCM). This can cause the transmission park pawl to be held out. When the transmission park pawl is held out, this can let the vehicle roll away from its parked position.

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- e) there is a communication error between the ECM and the TCM.

Products not included do not have 6-Speed Touchtronic II Automatic Transmission

Production Dates : OCT 18, 2012 - AUG 15, 2014

VIN Range 1 : Begin : SCFLDCFP4EGJ00061 End : SCFPDCGP8EGK01877  Not sequential

**Description of Defect :**

Description of the Defect : The cause of the problem is a communication error between the Engine Control Module (ECM) software and the Transmission Control Module (TCM). This can cause the transmission park pawl to be held out. When the transmission park pawl is held out, this can let the vehicle roll away from its parked position. This problem can occur when all of the following conditions are met:

- a) the vehicle key is removed from the ignition control and the engine speed is more than 450 rpm;
- b) the driver does not select Park;
- c) the driver does not engage the park brake;
- d) the vehicle is not parked on level ground; and
- e) there is a communication error between the ECM and the TCM.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle accidentally moves from the parked position, there is a risk of serious injury to the driver, to other persons in the area, and to property. There are no reports of injuries or death relating from this issue.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

- In June 2015, Aston Martin received a report of a vehicle in the field rolling away from its parked position. Aston Martin immediately launched an investigation into the subject matter.
- The formal investigation determined that there have been other reports of vehicles experiencing the same failure mode.
- Aston Martin's Critical Concerns Review Group met on November 28, 2017, following which a Recall Committee was convened on December 5, 2017. The Recall Committee determined that a safety-related defect exists and that a voluntary safety recall campaign be completed. Following the event in June 2015 an investigation took place and reviewed through our escalation procedure. This led to a CCRG (Critical Concerns Review Group) meeting in May 2016 where it was deemed that there was not enough evidence to indicate a safety defect, however, the CCRG requested further information on the issue.

Investigations and informal reviews then took place leading to a second CCRG being held in November 2017 which led to the Recall Committee sitting and accepting the CCRG recommendation that a recall would be a prudent precautionary action.

The vehicles that have been identified with this issue is as follows, all from the European region:

June 2015: MY13 Vanquish – Triggered the investigation. 1 Warranty claim

Nov 2014: MY09 DB9 – No warranty claim

Jun 2014: MY12 DBS – 1 Warranty claim

## Description of Remedy :

Description of Remedy Program : Aston Martin will update the software for the Transmission Control Module (TCM).

How Remedy Component Differs from Recalled Component : Vehicle Software level identifiable through Aston Martin Diagnostic System interrogation

Identify How/When Recall Condition was Corrected in Production : Last 6-Speed Touchtronic II Automatic Transmission equipped car was built 01/19/2017  
Cars with other Transmission types have different TCM software

## Recall Schedule :

Description of Recall Schedule : Owners will be notified to take their vehicle to an Aston Martin Dealer. The software update for the TCM will be completed at no cost to the owner.

Planned Dealer Notification Date : DEC 12, 2017 - DEC 12, 2017

Planned Owner Notification Date : FEB 01, 2018 - FEB 15, 2018

\* NR - Not Reported