

# Part 573 Safety Recall Report

# 17V-391

**Manufacturer Name :** Aston Martin Lagonda of North America

**Submission Date :** JUN 21, 2017

**NHTSA Recall No. :** 17V-391

**Manufacturer Recall No. :** RA-07-0024



## Manufacturer Information :

## Population :

**Manufacturer Name :** Aston Martin Lagonda of North America  
**Address :** Banbury Road  
 Gaydon Warwick, United Kingdom 00 CV35 0DB  
**Company phone :** 999

**Number of potentially involved :** 179  
**Estimated percentage with defect :** 1 %

## Vehicle Information :

**Vehicle 1 :** 2011-2014 Aston Martin V8 Vantage

**Vehicle Type :** LOW VOLUME VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** 2 Door Sports Cars - 7 Speed SportShift 11 Transmission

**Production Dates :** NOV 25, 2010 - SEP 13, 2013

**VIN Range 1 :** Begin: SCFEKBDL8BGC14894 End: SCFEKBAK7EGC18113  Not sequential

## Description of Defect :

**Description of the Defect :** In October 2010, a connector in the hydraulic system for the 7-speed Auto-Shift Manual (ASM) transmission that is installed on V8 Vantage, was found not to have sufficient support. The connector is between the pipe for the clutch fluid and the ASM system. It is possible that this connector can fail and cause loss of the clutch fluid.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** This would result in malfunction of the clutch system, which could cause a vehicle crash.

There have not been any reported injuries relating to this issue and no reports had been received from the US. There have been no further reports of this concern during the period of our investigations.

**Description of the Cause :** When the 7-speed Auto-Shift Manual (ASM) transmission (referred to as "SportShift II") was first introduced on V8 Vantage, the clutch fluid pipe was installed in a different position from the previous design. Because of movement in the assembly, it is possible that the connector could fail and cause loss of

clutch fluid. T.

In December 2013, a Service Action was issued to install a support bracket assembly to hold the pipe securely in position and prevent movement of the assembly. 63.5% of the affected vehicles were modified by the Service Action but 179 vehicles remain in the USA that are not modified.

**Identification of Any Warning that can Occur :**

If the hydraulic fluid leaks, the driver may see signs of fluid under the vehicle or under the vehicle on the ground. If the fluid leaks quickly, the fluid level will drop and the following can occur:

- at start-up, an "Unable to select gears" warning will flash in the driver's display and the transmission will not change from Neutral or Park into a gear. The driver will be unable to move the vehicle.
- while driving, an "Unable to select gears" warning will display and the driver can continue in the same gear until they choose a place to stop. In this condition, if the driver operates the brakes, the engine will be stalled as the vehicle comes to a stop;
- if, in the case above there is sufficient pressure remaining in the hydraulic system, the transmission will select emergency neutral as the vehicle comes to a stop.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

In April 2017, we were notified about driveability problems on V8 Vantage Sportshift vehicles. The vehicles were 10,11 and 12.5 model years (manufactured from 12/2010 to 08/2012). We immediately launched an investigation into the issue.

From 25 April 2017 to 4 June 2017, an internal investigation was initiated into the possible cause of driveability and gear-shifting problems. During the investigation, it was discovered that a Service Action to correct a leaking clutch feed pipe was issued for 7-Speed Sportshift. The affected vehicles were 10,11 and 12.5 model years. This Service Action was reviewed and it was determined that VIN range issued on the original Action was incorrect.

The potential existence of a safety defect could not be excluded. A recommendation was made by the CCRG to progress the matter to the Recall Committee on 5 June, 2017.

A Recall Committee convened on June 15, 2017 and determined to recall a voluntary Recall of all vehicles that

still have not had the Service Action completed, plus the additional vehicles identified.

## Description of Remedy :

Description of Remedy Program : Remedy

A support bracket will be installed to hold the pipe securely in position and prevent movement of the assembly.

Reimbursement Plan

Owners of all potentially affected vehicles will be notified to take their vehicle to an Aston Martin dealer. The support bracket and related attaching parts will be replaced at no cost to the owner.

How Remedy Component Differs from Recalled Component : Addition of a stability bracket to the fluid line coupling.

Identify How/When Recall Condition was Corrected in Production : Additional bracket fitted to new production cars on-line in manufacturing facility from September 2013.

## Recall Schedule :

Description of Recall Schedule : It is Aston Martin's intention to notify all customers who are listed in the table above. Aston Martin will provide copies of the notification schedule, including mail dates for the owner letter.

Planned Dealer Notification Date : JUN 23, 2017 - JUN 23, 2017

Planned Owner Notification Date : JUL 07, 2017 - AUG 07, 2017

\* NR - Not Reported