

Part 573 Safety Recall Report

17V-390

Manufacturer Name : Aston Martin Lagonda of North America

Submission Date : JUN 21, 2017

NHTSA Recall No. : 17V-390

Manufacturer Recall No. : RA-07-0023



Manufacturer Information :

Population :

Manufacturer Name : Aston Martin Lagonda of North America
 Address : Banbury Road
 Gaydon Warwick, United Kingdom O0 CV35 0DB
 Company phone : 999

Number of potentially involved : 6
 Estimated percentage with defect : 23 %

Vehicle Information :

Vehicle 1 : 2012-2012 Aston Martin V8 Vantage
 Vehicle Type : LOW VOLUME VEHICLES
 Body Style : 2-DOOR
 Power Train : GAS
 Descriptive Information : 2 Door Sports Cars SportShift 6 Speed ASM Transmission
 Production Dates : OCT 13, 2011 - NOV 15, 2011
 VIN Range 1 : Begin : SCFEFBBK4CGD15995 End : SCFEFBAK4CGC16112 Not sequential

Description of Defect :

Description of the Defect : In October 2011, a connector in the hydraulic system for the 6-speed Auto-Shift Manual (ASM) transmission was redesigned. After redesigning the installation for the connector, it was discovered that due to movement in the connector assembly, it is possible in some circumstances for the connector to fail, causing leakage of hydraulic fluid.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Vehicle will stop and be unable to proceed.

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 : If the fluid leaks, the fluid level will drop and the following can occur:

- traces of hydraulic fluid may be seen beneath the vehicle;
- at start-up, an "Unable to select gears" warning will show 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 flash 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 can 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.

Identification of Any Warning that can Occur : None

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 April 2017 to June 2017, an internal investigation was initiated into the possible cause of driveability and gear-shifting problems. A Service Bulletin to repair a leaking clutch feed pipe was issued on 6-Speed Sportshift. We reviewed the Service Bulletin and it was determined that the failure rate had increased with vehicle age and mileage.

A recommendation was made by the Critical Concerns Review Group (CCRG) to progress the matter to the Recall Committee on 5 June, 2017.

A Recall Committee convened on June 15, 2017 and determined to launch a Recall of all vehicles that still have not had the Service Action completed.

Description of Remedy :

Description of Remedy Program : Remedy
The clutch pipe, connector assembly, related brackets and parts on the affected vehicles will be replaced with parts known to be reliable in operation.
Reimbursement Plan
Owners of all potentially affected vehicles will be notified to take their vehicle to an Aston Martin dealer. The connector for clutch fluid pipe, the pipe and related brackets 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 : Final production cars had no bracket fitted, but are included in the scope of this RA.

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