

**Part 573 Safety Recall Report****14V-753****Manufacturer Name :** Aston Martin Lagonda of North America**Submission Date :** NOV 24,2014**NHTSA Recall No. :** 14V-753**Manufacturer Recall No. :** RA-01-0019**Manufacturer Information :**

Manufacturer Name : Aston Martin Lagonda of North Americ

Address : Banbury Road

Gaydon Warwick, United Kingdom 00 CV35 0DB

Company phone : 999

**Population :**

Number of potentially involved : 7,256

Estimated percentage with defect : 0

**Vehicle Information :**

Vehicle : 2006-2014 Aston Martin DB9,V12 Vantage, V8 Vantage, DBS, Virage

Vehicle Type : LOW VOLUME VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : a potential motor vehicle safety defect exists in the control circuit and wiring for the front seat heaters contained in all DB9, DBS, V8 and V12 Vantage and Virage models manufactured from July 2006 through November 2014.

Production Dates : JUL 03, 2006 - NOV 05, 2014

**VIN (Vehicle Identification Number) Range**

Begin : SCFAB01A96GA06373

End : SCFEKBFR1FGS21867

 Not sequential VINs**Description of Defect :**

Description of the Defect : Damage to the insulation of the electrical harness that controls the seat heater can lead to a component failure in the electronic control module of the seat heater mat.

Description of the Safety Risk : In a vehicle with a failed electronic control module, if the ignition is switched on, there is a permanent power feed to the seat heater mat. This means that it is possible that a driver or passenger may be unable to turn the seat heater off, and that the seat heating components can become hot enough to cause a localized area of the seat to overheat and smolder . This could cause injury to the driver or passenger. The seat material meets the flammability requirements of the Federal Motor Vehicle Safety Standards 302. Aston Martin has not been able to cause the seats to catch fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

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

Name : NR

Address : NR

NR

Country : United States

**Chronology :**

Analysis of field warranty data in June 2014 detected ten potentially related reports in the period from 2009 to the present, of seat heater malfunctions that resulted in overheating and/ or smoldering.

Aston Martin's Technical Review Group ("TRG") convened and launched an investigation to determine:

1. If there was a common cause to the ten reports.
2. Whether other vehicles were potentially affected.
3. Whether an unreasonable risk to safety was likely to result from these malfunctions.

The TRG conducted a series of seat tests, including accelerated durability testing, seat temperature testing and flammability tests, which were all completed by the end of October 2014. The TRG recommended the concern be progressed to the Critical Concerns Review Group ("CCRG"), which then convened in November 2014. The CCRG requested further investigations into the extent of the concern and the impact to the customer.

Following these additional investigations, the CCRG concluded that:

- Although the absolute number of failures was low,
- We have not had any reports of accidents or injuries,
- The rate of future failures was expected to resemble the historic rate,

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 November 17, 2014.

A Recall Committee convened on November 18, 2014 and determined that:

- A potential defect could occur in the relevant vehicle population,
- That this defect could lead to a potential safety risk, and,
- That a voluntary safety recall be completed.

Aston Martin immediately started a gate-hold on production vehicles and notification in accordance with 49 CFR Part 573.

There have not been any reported accidents or 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 Remedy :**

Description of Remedy Program : The front seats in all affected vehicles will each have an additional supervisor (monitoring) module installed, which detects incorrect function and isolates power supply in case of failure.  
The new supervisor (monitoring) module is being installed on all production vehicles with this seat design.  
Reimbursement Plan  
Owners of all potentially affected vehicles will be notified to take their vehicle to an Aston Martin dealer. The two front seats will have the seat heater modification kit installed, at no cost to the owner.

How Remedy Component Differs from Recalled Component : The remedy component is an additional supervisor (monitoring) module installed, which detects incorrect function and isolates power supply in case of failure.

Identify How/When Recall Condition was Corrected in Production : The new supervisor (monitoring) module is being installed on all production vehicles with this seat design. from November 2014

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported