OMB Control No.: 2127-0004

# **Part 573 Safety Recall Report**

## 15V-846

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

Submission Date: FEB 22, 2016 NHTSA Recall No.: 15V-846 Manufacturer Recall No.: NR



#### **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: 5,516 Estimated percentage with defect: 100

#### **Vehicle Information:**

Vehicle: 2009-2015 Aston Martin DB9

Vehicle Type: LIGHT VEHICLES

Body Style : ALL Power Train : GAS

Descriptive Information: 2 Door and 4 Door Sports Cars

Production Dates : JAN 09, 2009 - SEP 12, 2015

## **VIN (Vehicle Identification Number) Range**

Begin: SCFFDAAE9AGA12515 End: SCFFDAFM1GGB17087 

✓ Not sequential VINs

Vehicle: 2009-2012 Aston Martin DBS

**Vehicle Type: LIGHT VEHICLES** 

Body Style : 2-DOOR Power Train : GAS

**Descriptive Information: Sports Car** 

Production Dates : MAY 18, 2009 - SEP 04, 2012

### **VIN (Vehicle Identification Number) Range**

Begin: End: Not sequential VINs

Vehicle: 2010-2016 Aston Martin V8 Vantage

**Vehicle Type: LIGHT VEHICLES** 

Body Style : 2-DOOR Power Train : GAS

Descriptive Information: 2 DOOR SPORTS CAR Production Dates: SEP 03, 2009 - NOV 20, 2015

VIN (Vehicle Identification Number	) Range	
Begin:	End:	☐ Not sequential VINs
Vehicle: 2012-2012 Aston Martin Virage Vehicle Type: LIGHT VEHICLES Body Style: 2-DOOR Power Train: GAS Descriptive Information: 2 Door Sports Car Production Dates: JAN 21, 2011 - AUG 25, 2012		
VIN (Vehicle Identification Number	) kange	
Begin: SCFFDECN1CGG13330	End: SCFFDEDN5CGH14580	✓ Not sequential VINs

### **Description of Noncompliance:**

Description of the Noncompliance: The subject vehicles contain a full locking system software, which according to an interpretation letter issued by NHTSA, does not meet certain door lock requirements of the Federal Motor Vehicle Safety Standard (FMVSS) No. 206, Door locks and door retention components (49 C.F.R §571.206). In the subject vehicles, each door is equipped with a locking mechanism with an operating means from the interior of the vehicle. However, when the full locking system is mobilised (by double locking the vehicle), this disengages the interior operating means for unlocking the door locking mechanism. As such, the full locking system is an effective anti-theft measure.

FMVSS 1:206 - Door locks and door retention components

FMVSS 2:NR

Description of the Safety Risk: In an affected vehicle, where the full locking system has been activated from the exterior, there is a risk that occupants are unable to unlock the doors from the inside of the vehicle. In relation to our 4-door sports cars (Rapide and Rapide S), this risk is the same as if a person were in a vehicle in which the child locks were engaged. However, all our vehicles have an acoustic warning device (i.e. horn), which can still be activated from the interior of the vehicle when the ignition is switched off and the full locking system is activated. Furthermore, some vehicles are fitted with an alarm system with interior detection, which is able to detect an occupant's movement and will activate the vehicle's alarm if

vehicle.

Description of the Cause: At the end of September 2015, Aston Martin received a copy of the NHTSA 2007 interpretation letter addressed to Keykert USA. In that letter NHTSA deemed that a certain theft deterring double-lock function does not meet the requirements of FMVSS No.206.

the full locking mechanism is activated and occupants are detected inside the

Aston Martin immediately conducted an investigation to analyse the functionality of the full locking system in its vehicles in the USA, and to determine if the condition – which is compliant with European standards, was non-compliant with the United

States' Door Lock requirements of 49 CFR § 571,206. Until then, we firmly believed we were fully compliant with both requirements, given they are worded identically.

Identification of Any Warning that can Occur: an acoustic warning device (i.e. horn), which can still be

activated from the interior of the vehicle when the ignition is switched off and the full locking system is activated. Furthermore, some vehicles are fitted with an alarm system with interior detection, which is able to detect an occupant's movement and will activate the vehicle's alarm if the full locking mechanism is activated and occupants are detected inside the vehicle.

## **Supplier Identification:**

# **Component Manufacturer**

Name: NR Address: NR

Country: NR

#### **Chronology:**

At the end of September 2015, Aston Martin received a copy of the NHTSA 2007 interpretation letter addressed to Keykert USA. In that letter NHTSA deemed that a certain theft deterring double-lock function does not meet the requirements of FMVSS No.206.

Aston Martin immediately conducted an investigation to analyse the functionality of the full locking system in its vehicles in the USA, and to determine if the condition – which is compliant with European standards, was non-compliant with the United States' Door Lock requirements of 49 CFR § 571.206. Until then, we firmly believed we were fully compliant with both requirements, given they are worded identically.

Our Recall Committee met on December 11th 2015 and determined that the full locking system was not compliant with NHTSA's interpretation of FMVSS No. 206, and that notification in accordance with 49 CFR Part 573 was necessary.

### **Description of Remedy:**

Description of Remedy Program: Remedy

Aston Martin will update the unsold noncompliant vehicles prior to sale. Aston Martin intends to file a petition for exemption from the notification and remedy requirements of the Motor Vehicle Safety Act pursuant to 49 C.F. R Part 556, on the basis that this noncompliance is inconsequential to motor

vehicle safety.

How Remedy Component Differs from Recalled Component: The software level in the Central Electronic Module is updated.

Identify How/When Recall Condition was Corrected in Production: Update the vehicle car configuration file to disable the double locking function from production date 9th December 2015

**Recall Schedule:** 

Description of Recall Schedule : Not Applicable

Planned Dealer Notification Date: NR - NR

Planned Owner Notification Date: NR - NR

\* NR - Not Reported