

Part 573 Safety Recall Report

15V-846

Manufacturer Name : Aston Martin Lagonda of North America**Submission Date :** JUN 24, 2016**NHTSA Recall No. :** 15V-846**Manufacturer Recall No. :** RA-01-0021**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 : 6,076
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2010-2015 Aston Martin DB9
Vehicle Type : LIGHT VEHICLES
Body Style : ALL
Power Train : GAS

Descriptive Information : 2 Door Sports Car**Production Dates :** AUG 14, 2009 - NOV 30, 2015**VIN Range 1 : Begin :** SCFFDAAE8AGA12490 **End :** SCFFDAFM0GGB17078 Not sequential

Vehicle 2 : 2010-2012 Aston Martin DBS
Vehicle Type : LIGHT VEHICLES
Body Style : 2-DOOR
Power Train : GAS

Descriptive Information : Sports Car**Production Dates :** APR 08, 2009 - SEP 03, 2012**VIN Range 1 : Begin :** SCFFDCBD1AGE01487 **End :** SCFFBCCD2CGE13381 Not sequential

Vehicle 3 : 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 :** JUN 25, 2009 - NOV 20, 2015**VIN Range 1 : Begin :** SCFEBBAC4AGC13387 **End :** SCFEKBBK6GGD20410 Not sequential

Vehicle 4 : 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 24, 2011 - AUG 31, 2012

Vehicle 5 : 2010-2016 Aston Martin Rapide
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS

Descriptive Information : 4 Door Sports Car

Production Dates : MAR 30, 2010 - NOV 26, 2015

VIN Range 1 : Begin : SCFHDDAJ4AAF00068 End : SCFHMDBS4GGF05283 Not sequential

Vehicle 6 : 2014-2016 Aston Martin Vanquish
Vehicle Type : LIGHT VEHICLES
Body Style : 2-DOOR
Power Train : GAS

Descriptive Information : 2 Door Sports Car

Production Dates : SEP 10, 2012 - NOV 26, 2015

VIN Range 1 : Begin : SCFLDCFP7EGJ00054 End : SCFPMCGU3GGK02881 Not sequential

Vehicle 7 : 2011-2016 Aston Martin V12 Vantage
Vehicle Type : LIGHT VEHICLES
Body Style : 2-DOOR
Power Train : GAS

Descriptive Information : 2 Door Sports Car

Production Dates : JUN 24, 2010 - NOV 25, 2015

VIN Range 1 : Begin : SCFEBBCF4BGS00483 End : SCFEKBFR5GGS22411 Not sequential

Vehicle 8 : 2012-2013 Aston Martin V12 Zagato
Vehicle Type : LIGHT VEHICLES
Body Style : 2-DOOR
Power Train : GAS

Descriptive Information : 2 Door Sports Car

Production Dates : NOV 21, 2012 - JUN 14, 2013

VIN Range 1 : Begin : SCFEBBGF8CGS31182 End : SCFGBBGF5DGS31375 Not sequential

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 the full locking mechanism is activated and occupants are detected inside the 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. 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
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 confirmed 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 was compliant with European standards, was noncompliant with the United States' Door Lock requirements of 49 CFR § 571.206. Until then, we firmly believed we were fully compliant of FMVSS No.206.

Our Recall Committee met on December 11 2015 and determined that the full locking system was not compliant with the U.S. requirements, and that notification in accordance with 49 CFR Part 573 was necessary.

On January 5, 2016 Aston Martin filed for 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 the noncompliance was inconsequential to motor vehicle safety (the "Petition").

Aston Martin received a letter from the National Highway Traffic Safety Administration on June 21 2016, which denied Aston Martin's Petition. Aston Martin is now submitting its notification in accordance with 49 CFR Part 573.

Description of Remedy :

Description of Remedy Program : Remedy
Aston Martin will disable the double locking feature on all affected vehicles by reprogramming the software.

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 : Reimbursement Plan

Owners of all potentially affected vehicles will be notified to take their vehicle to an Aston Martin dealer. The software update will be installed at no cost to the owner.

Notification Schedule

It is Aston Martin's intention to notify all 6,076 customers (231 unsold cars with dealers, 5845 sold cars with customers) who are listed in the table above. Aston Martin will provide copies of the notification schedule, including mail dates for the owner letter, when available.

573.6 (c) (10) – Copies of Dealer/Owner

Aston Martin will provide a representative copy of the dealer bulletin, when available.

Planned Dealer Notification Date : JUL 01, 2016 - JUL 01, 2016

Planned Owner Notification Date : AUG 01, 2016 - AUG 15, 2016

* NR - Not Reported