

Part 573 Safety Recall Report

16V-829

Manufacturer Name : Mercedes-Benz USA, LLC.**Submission Date :** NOV 14, 2016**NHTSA Recall No. :** 16V-829**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Mercedes-Benz USA, LLC.

Address : One Mercedes Dr, PO Box 350
Montvale NJ 07645-0350

Company phone : 1-800-367-6372

Population :

Number of potentially involved : 672

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2016-2017 Mercedes-Benz S63 AMG Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 217.378 XJ7J 118 Vehicles

Production Dates : JUN 29, 2015 - MAR 15, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2016-2017 Mercedes-Benz S65 AMG Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 217.379 XJ7K 27 Vehicles

Production Dates : JUN 29, 2015 - MAR 15, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2016-2017 Mercedes-Benz S550 Coupe 4Matic

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 217.385 XJ8F 529 Vehicles

Production Dates : JUN 29, 2015 - MAR 15, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 4 : 2016-2017 Mercedes-Benz S63 AMG 4Matic Convertible

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 217.478 XK7J 3 Vehicles

Production Dates : JUN 29, 2015 - MAR 15, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Vehicle 5 : 2016-2017 Mercedes-Benz S550 Convertible

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 217.482 XK8C 5 Vehicles

Production Dates : JUN 29, 2015 - MAR 15, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

Description of Defect :

Description of the Defect : Daimler AG ('DAG'), the manufacturer of Mercedes-Benz vehicles has determined, that in certain S-Class coupe/convertible vehicles (217 platform) the seat-belt extender might not retract as intended and could remain extended.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of a crash with activation of the pyrotechnic belt tensioner, the extended seatbelt extender could break and the resulting edges could increase the risk of an injury. Furthermore, a combination of the seatbelt slack resulting from an extended seatbelt, and a potentially broken extender during a crash, could minimize the full protective function of the seatbelt and may increase the risk of injury to belted occupants.

Description of the Cause : The control unit for a specific production range was not properly coded to account for the individual friction conditions during activation of the seat-belt extender

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In February 2016, DAG launched initial investigations based on isolated reports about pre-sale vehicles including one internal demonstration vehicle in which an un-retracted seat-belt extender was reported. DAG determined the root cause for this issue to be incorrect coding to account for individual friction conditions during activation of the seat-belt extender.

In March and April field analyses were performed to identify possible complaints regarding un-retracted seat-belt extenders. No complaints were identified.

From May to June 2016 further analyses were done to identify potentially affected vehicles that were manufactured with the incorrect coding from the production plant.

Although no field complaints had been received further comprehensive investigations were initiated to evaluate the consequences of an un-retracted seat-belt extender to occupant safety from July to September 2016. These investigations included the analysis of the position of the seat-belt along the occupant's upper body and possible interference with other vehicle parts (e.g. deployed side airbag and activation of the pyrotechnic belt tensioner) in the event of a crash.

In September and October 2016, during determination of the final number and location of potentially affected vehicles in the field, a very small number of additional vehicles were identified which had received the subject coding via a coding update in a workshop.

In November 2016, DAG determined that a potential safety risk cannot be excluded.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz dealer, will adapt the proper coding of the control unit on the affected vehicles.
Pursuant to 49 C.F.R. § 577.11(e), MBUSA does not plan to provide notice about pre-notice reimbursement to owners since all involved vehicles remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Owners will be notified in December 2016, approximately one week after recall launch to the dealers. Dealers will be notified of the voluntary recall campaign in late November 2016. A copy of all communications will be provided when available.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported