

Part 573 Safety Recall Report**16V-211****Manufacturer Name :** Mercedes-Benz USA, LLC.**Submission Date :** APR 12, 2016**NHTSA Recall No. :** 16V-211**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 : 223

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2016-2016 Mercedes-Benz SLK300

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 172.438 PK3J 223 vehicles

Production Dates : JUN 02, 2015 - JUL 14, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : mler AG ("DAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain SLK vehicles (172 platform) with the 9-speed automatic transmission, the backup power supply feed for the ignition switch might have been incorrectly connected during a limited period of production.

If this backup power supply is not available and there is a loss of the main battery and an engine stop with the transmission in "R", "D" or "N", and the electric parking brake not applied, neither the electric parking brake nor the transmission position "P" is able to be engaged. An engine restart would not be possible due to the loss of the main battery.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Although there have been no reported incidents or complaints, under the circumstances described above, maintaining the vehicle in a stationary position would only be possible by applying the brake pedal. This could increase the risk of a potential accident.

Description of the Cause : Due to a design error, the wiring harness does not meet the internal requirements of a backup power supply feed.
Identification of Any Warning that can Occur : Drivers are alerted to a failure of the main battery through a red battery warning symbol in the instrument cluster.

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

DAG launched initial investigations in July 2015 on a single internal (R&D) vehicle after a central gateway coding malfunction was detected in that vehicle . This malfunction could prevent an error message from being displayed in the instrument cluster in the event of a failure of the backup battery.

Further analysis was carried out on this vehicle to establish more details about the malfunction.

In addition to the coding malfunction, DAG determined that on the analyzed R&D vehicle, the wiring for the backup power supply feed from the backup battery was incorrectly connected.

An incorrect connection of the wiring for the backup power supply could cause the backup power supply to be unavailable in the event of a failure of the main power supply. In that case, the backup power supply would not provide power to the ignition switch.

Additional analysis was carried out with respect to the technical relationship between the coding malfunction and the wiring issue.

In early 2016, further investigations were performed to analyze the effect of both the potentially missing backup power supply feed for the ignition switch and the coding issue.

Subsequently, in February 2016, investigations were performed to analyze how these issues affect the backup parking function in the event of the loss of the main battery.

In March 2016, further analysis was done to identify potentially affected vehicles.

In early April 2016, DAG determined that a potential safety risk cannot be ruled out in a limited number of affected vehicles.

Description of Remedy :

Description of Remedy Program : An authorized Mercedes-Benz Dealer will adapt the wiring harness on the affected vehicles and update the SCN coding. 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 : Dealers will be notified of the pending voluntary recall campaign April 2016.
A copy of all communications will be provided when available. Owners will be notified approximately one week after recall launch to the dealers

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported