

**Part 573 Safety Recall Report****15V-137****Manufacturer Name :** Mercedes-Benz USA, LLC.**Submission Date :** MAR 09,2015**NHTSA Recall No. :** 15V-137**Manufacturer Recall No. :** 2015030005**Manufacturer Information :**

Manufacturer Name : Mercedes-Benz USA, LLC.

Address : One Mercedes Dr, PO Box 350

Montvale NJ 07645-0350

Company phone : 201-573-5339

**Population :**

Number of potentially involved : 30,141

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2015-2015 Mercedes-Benz CLS 400

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 218365 LJ6F 1,392 vehicles

Production Dates : JUL 25, 2014 - FEB 18, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2015 Mercedes-Benz CLS 400 4matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 218367 LJ6H 1,134 vehicles

Production Dates : JUN 24, 2014 - FEB 18, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2012-2015 Mercedes-Benz CLS 550

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 218373 LJ7D 14,702 vehicles

Production Dates : DEC 02, 2010 - FEB 18, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2012-2013 Mercedes-Benz CLS 63

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 218374 LJ7E 2,055 vehicles

Production Dates : DEC 02, 2010 - FEB 26, 2013

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2015 Mercedes-Benz CLS 63P

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 218376 LJ7G 1,151 vehicles

Production Dates : JUN 11, 2013 - FEB 18, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2012-2015 Mercedes-Benz CLS 550 4matic

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 218391 LJ9B 9,604 vehicles

Production Dates : MAR 21, 2011 - FEB 18, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2014 Mercedes-Benz CLS 63

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : 218392 LJ9C 103 vehicles

Production Dates : MAR 01, 2013 - JUN 11, 2014

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

**Description of Defect :**

Description of the Defect : Pursuant to the requirements of 49 C.F.R. Part 573, and on behalf of our parent company, Daimler AG (DAG), this letter advises you of a voluntary compliance related recall for certain Mercedes-Benz vehicles. Specifically, Mercedes-Benz USA, LLC (MBUSA) submits this report regarding the rear side markers in 2012–2015 Model Year Mercedes-Benz CLS-Class (218 platform) vehicles. DAG became aware that on certain CLS-Class vehicles (218 platform) manufactured between December, 2010 and February, 2015, the rear side marker function might not meet the specific requirements of 49 C.F.R. § 571.108.

Description of the Safety Risk : Insufficient illumination levels in certain measuring points of the rear side marker function may reduce vehicle visibility for lateral traffic and increase the risk of a crash.

Description of the Cause : DAG became aware that on certain CLS-Class vehicles (218 platform) manufactured between December, 2010 and February, 2015, the rear sidemarker function might not meet the specific requirements of 49 C.F.R. § 571.108. Specifically, the illumination level in certain measuring points of the rear sidemarker function might be below the required level. This is due to a software coding issue which leads to the non-activation of a certain LED in both tail lamp units which is required to secure sufficient illumination levels in all measuring points of the rear side marker function.

Identification of Any Warning that can Occur : NR

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

Name : NR

Address : NR

FOREIGN STATES

Country : NR

**Chronology :**

During a quality check of a CLS-Class vehicle at the manufacturing plant in late December 2014, a potential issue with certain LEDs of both tail lamp units was identified. Initial investigations suggested that a coding issue might be the root cause for the issue identified.

Investigations were started in January 2015. DAG found that inaccurate coding leads to the non-activation of certain LEDs in both tail lamp units which might be required to secure sufficient illumination levels of the rear side marker function.

Measurements were conducted in order to understand the influence of subject LEDs on minimum illumination levels as defined in 49 C.F.R. § 571.108.

Further analyses were performed to establish the number of potentially affected vehicles.

In early March 2015, DAG determined that a non-compliance with the requirements of 49 C.F.R. § 571.108 cannot be excluded for subject vehicles.

**Description of Remedy :**

Description of Remedy Program : MBUSA will conduct a voluntary compliance related recall on the subject vehicles described above. The rear Signal Acquisition Module (SAM) of affected vehicles will be properly coded. MBUSA does not plan to provide notice about pre-notice reimbursement to owners because all involved vehicles remain covered under the new vehicle warranty.

How Remedy Component Differs from Recalled Component : The illumination level of the rear side marker functions meets the required level.

Identify How/When Recall Condition was Corrected in Production : The rear Signal Acquisition Module (SAM) of affected vehicles is properly coded beginning on February 18, 2015.

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported