

TO: Mercedes-Benz Dealer Principals, General Managers, Sales Managers, Service Managers, Parts Managers	FROM: Gregory Gunther, Department Manager, Vehicle Compliance and Analysis, Engineering Services
RE: Recall Campaign Launch Notification Check Headlight Electrical Connections MY21 GLC-Class (253 platform)	DATE: May 20, 2022

IMPORTANT RECALL CAMPAIGN UPDATE

Please see the attached documents related to the campaign listed above.

Please note that all customer inquiries should be directed to the Customer Assistance Center at 1-800-FOR-MERCEDES.

Sincerely,

Gregory Gunther

Department Manager, Vehicle Compliance & Analysis



Recall Campaign Launch Notification			May 20, 2022
Campaign No. :	NHTSA ID	Campaign Desc. :	Check Headlight Electrical Connections
2022050005	22V261	22P8291904	
This is to notify you of the Recall Campaign Launch to check the headlight electrical connections on 129 Model Year (“MY”) 2021 GLC-Class (253 platform) vehicles. The recall campaign will be visible on the www.safercar.gov website and may generate questions from customers. Affected VINs will be flagged in VMI as “OPEN” on May 20, 2022 .			
Background			
Issue	Mercedes-Benz AG (“MBAG”), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year (“MY”) 2021 GLC-Class (253 platform) vehicles, the electrical connection to the headlights might not be watertight. In the event of moisture ingress into the electrical connection, the sealing integrity of the connection might be impaired. In this case, a failure of the headlights cannot be ruled out which could increase the risk of a crash.		
What We’re Doing	An authorized Mercedes-Benz dealer will check the sealing plugs on the headlight electrical connections on the affected vehicles and replace, if necessary.		
Parts	The remedy is available and can be performed. The replacement rate is 2%.		
Vehicles Affected			
Vehicle Model Year(s)	2021		
Vehicle Model	GLC-Class		
Vehicle Populations			
Total Recall Population	129		
Total Vehicles in Dealer Inventory	1		
<p>Given this notice, it is <u>a violation of Federal law</u> for a dealer to sell or lease any <u>new</u> MY21 GLC-Class in dealer inventory covered by this notification until the vehicle has been repaired. Once the remedy is available, the vehicles will be flagged as “OPEN” and Work Instructions will be available in Star TekInfo. Once the repair is complete the vehicle may be sold or leased.</p> <p>Loaner and demonstrator vehicles may continue to be driven, but must not be retailed until repaired. As a matter of normal service process, please check for other repair measures which might be applicable to the vehicle(s).</p> <p>Additionally, given this notice, it is <u>a violation of Federal Law</u> for <u>car rental companies</u> to rent new MY21 GLC-Class vehicles covered by this notification until the vehicle has been repaired.</p>			
Next Steps/Notes			
Customer Notification Timeline	Customer letters will be mailed on or before June 3, 2022.		
AOMS/SOMS	AOMs – This recall may generate questions from your dealers. Please forward this notice to your dealers ASAP.		
Rental Fleet Partners	This recall may affect vehicles in your fleet. Please contact your respective MBUSA fleet representative for further information and next steps. For repairs, please contact your preferred MBUSA dealer.		
While we regret any inconvenience this may cause, MBUSA is determined to maintain a high level of vehicle quality and customer satisfaction. Please refer all customer inquiries to the Customer Assistance Center at 1-800-FOR-MERCEDES.			



Recall Campaign Bulletin



Mercedes-Benz

Campaign No. 2022050005, May 2022

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model GLC-Class (253 platform)**
Model Year 2021

Check Headlight Electrical Connections

Mercedes-Benz AG (“MBAG”), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year (“MY”) 2021 GLC-Class (253 platform) vehicles, the electrical connection to the headlights might not be watertight. In the event of moisture ingress into the electrical connection, the sealing integrity of the connection might be impaired. In this case, a failure of the headlights cannot be ruled out which could increase the risk of a crash. An authorized Mercedes-Benz dealer will check the sealing plugs on the headlight electrical connections on the affected vehicles and replace, if necessary.

Prior to performing this Campaign:

- VMI must always be checked before performing campaigns to verify that the campaign is required on a specific vehicle. Always check for any other open campaigns, and perform accordingly.
- Please review the entire Campaign bulletin and follow the repair procedure exactly as described.

Approximately 129 vehicles are affected.

Order No. P-RC-2022050005

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Record

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Check electrical connector at left and right front headlight assemblies, correct if necessary, and replace left and/or right front headlight assemblies if necessary

Check/test procedure A

1. Open hood.
2. Check whether the blind plugs are present and installed correctly at the left and right front headlight assemblies on the electrical connector **(A, Figure 1)**.
 - i** Use a mirror to check the electrical connectors on the installed headlight assemblies.
 - i** **Figure 2** shows an OK image.
 - i** **Figure 3** shows a not OK image in which one blind plug is missing.
 - i** **Figure 4** shows a not OK image in which one blind plug was not installed correctly.
 - i** The blind plugs must be at least flush with the electrical connector (housing).

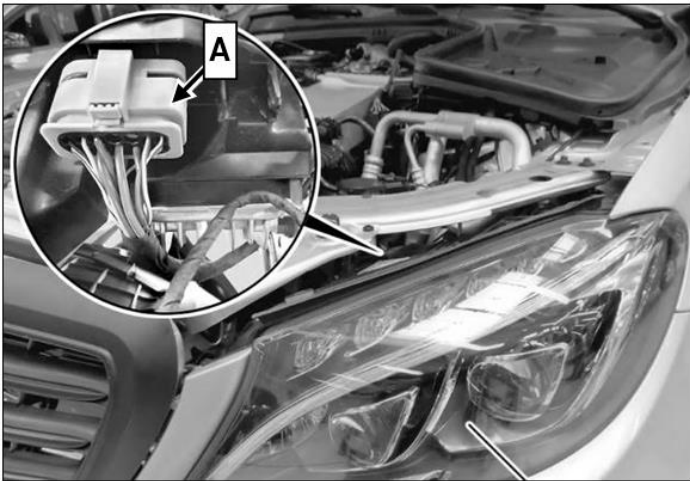


Figure 1



Figure 2 (OK image)

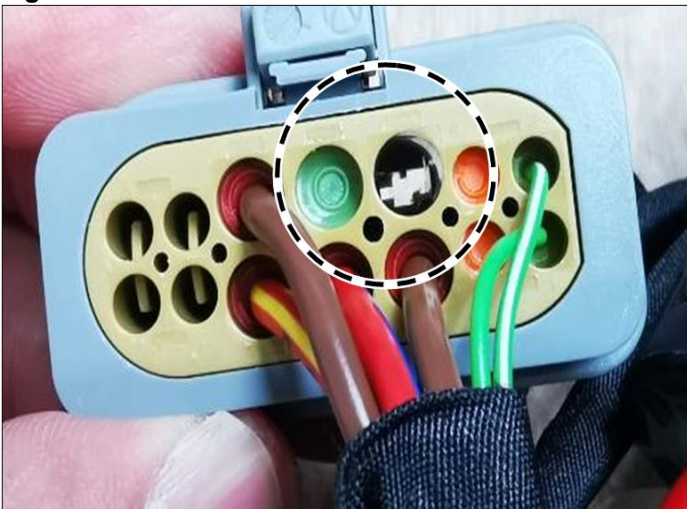


Figure 3 (not OK image)

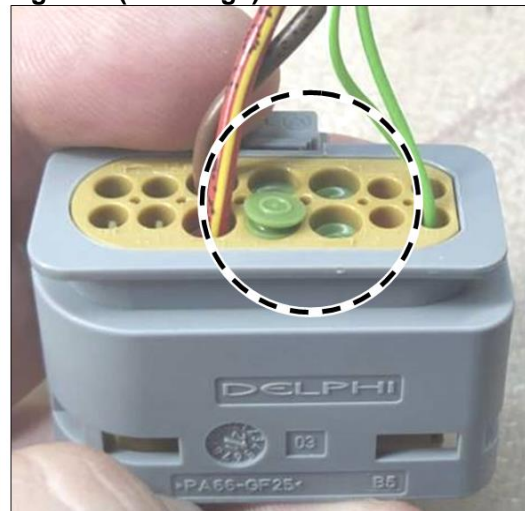


Figure 4 (not OK image)

- a. Electrical connector **not** OK: Carry out **check/test procedure B**.
- b. Electrical connector **OK**: **End measure**.

Check/test procedure B

1. Remove affected left and/or right front headlight assemblies.
i For basic data, see AR82.10-P-4730LW.
2. Check for traces of moisture on the electrical connector and at the left and/or right front headlight assemblies and on the respective control units, driving light actuation module (E1n7/E2n7), headlight control unit (E1n9/E2n9), or LED module for front headlight assembly.
 - a. If there are **no** traces of moisture: Carry out **work procedure A**.
 - b. If there are traces of moisture **present**: Carry out **work procedure B**.

Work procedure A

1. Retrofit or correct blind plug on electrical connector.
i For basic data, see AR00.19-P-0100A.
2. Assemble in reverse order.

Work procedure B

1. Replace affected component parts such as left and/or right front headlight assemblies, control units for front headlight assembly, and/or electrical connector (housing and pins).
i For basic data of front headlight assemblies, see AR82.10-P-4730LW.
i Depending on the model designation and vehicle equipment, the number of control units of the front headlight assemblies may vary.
i For basic data for driving light actuation module (E1n7/E2n7), see AR82.10-P-4650LWG.
i For basic data for headlight control unit (E1n9/E2n9), see AR82.10-P-4660LWG.
i The LED module for the front headlight assembly is included in the scope of delivery of the front headlight assembly.
i For basic data for electrical connector (housing) and electrical pins, see AR00.19-P-0100A
 2. Assemble in reverse order.
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Primary Parts Information

Qty.	Part Name	Part Number
As required*	Blind plug	*
As required*	Electrical connector housing	*
As required*	Contact sockets	*
As required*	Pigtail MCP 1.2	*
As required*	Single conductor seal	*
As required*	Left front headlight assembly	*
As required*	Right front headlight assembly	*
As required*	Headlight range adjustment control unit (E1n9/E2n9)	*
As required*	LED voltage converter control unit (E1n7/E2n7)	*

* The replacement parts must be determined according to the equipment variant for the vehicle identification number via the parts job in the Xentry Portal.

i Small parts such as screws, lock nuts, sealing rings, cable ties, fluids, sealants, etc. are not listed in the parts list. The required small parts are taken into account in the budgeting.

i **Note:** The following allowable labor operation should be used when submitting a warranty claim for this repair:

Warranty Information

Damage Code	Operation Number	Description	Labor Time (hrs.)
82 919 04	02-0350	Check electrical connector of 2 front headlight assemblies	0.3
	02-0351	Check front headlight assembly (after check/test procedure A) Includes: Disconnect/connect ground line of 12 V on-board electrical system battery; unfasten/fasten front bumper; remove/install front left or right headlight assembly; adjust LED headlights	1.4
	02-0352	Check 2 front headlight assemblies (after check/test procedure A) Includes: Disconnect/connect ground line of 12 V on-board electrical system battery; remove/install 2 wheel and tire assemblies; extra work for: remove/install 2 wheel and tire assemblies; remove/install front bumper; remove/install left and right front headlight assemblies; adjust LED headlights	2.1
	02-0353	Correct electrical connector (after check/test procedure B) Includes: Replace housing and pins of electrical connector	ZM
	02-0354	Replace front headlight assembly (after check/test procedure B) Includes: Modify control units for headlight assembly, replace if necessary; perform commissioning	0.3
	02-0355	Replace 2 front headlight assemblies (after check/test procedure B) Includes: Modify control units for 2 headlight assemblies, replace if necessary; perform commissioning	0.5
	02-4762*	Connect/disconnect diagnostic system (XENTRY Diagnosis)	0.1
	02-5058*	Connect/disconnect starter battery charger (with XENTRY Diagnosis connected)	0.1

* Operation item may be invoiced only once for each workshop order.

i **Note:** Always check ASRA for the current OP-Code times. Labor times are subject to change and updates may not be reflected in this document.