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Service

newschannel update

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 Phase 5 Launch Notification 2018030018 (Manual Steering Column) SCM Ground MY15-17 CLA-Class, GLA-Class, B-Class Electric (117, 156, 242)	DATE: April 20, 2018

IMPORTANT RECALL CAMPAIGN UPDATE INFORMATION





RECALL CAMPAIGN PHASE 5 LAUNCH NOTIFICATION WITH **RETAIL HOLD**

April 20, 2018

Campaign No. :	Campaign Desc. :	Steering Control Module Ground
2018030018 (Manual)	1709P46C58 (Manual)	(Manual Column Adjustment)
This is to notify you of a Recall Campaign update for certain Model Year 2014–2018, Model 117, 156, 242ed platform vehicles (CLA-Class, GLA-Class, B-Class electric). Please review the recall information below. The Recall Campaign is visible on the www.safercar.gov website and may generate questions from the media or customers. Please note that this update only accounts for a subset of a larger recall population initially identified in a prior NCU distributed on October 16, 2017. These vehicles will be flagged in VMI as “OPEN” on April 20, 2018. All other vehicles affected by the recall will continue to remain flagged in VMI as “PENDING”.		
Background		
Issue	Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has determined that certain MY14-18 B-Class electric, CLA-Class, GLA-Class, vehicles (242, 117, 156 platform) have insufficient electrical grounding in the steering column components. In rare instances, if the steering column module is exposed to an electrostatic discharge, and if the steering column module clock spring is broken (due to wear), this could lead to an inadvertent deployment of the driver airbag. A broken clock spring will illuminate the SRS warning light as well as display a warning message in the instrument cluster. An authorized Mercedes-Benz Dealer will install a sufficient ground to the steering column, and a protective ring to the steering column module.	
What We’re Doing	MBUSA will conduct a voluntary recall campaign. An authorized Mercedes-Benz dealer will add sufficient grounding to the steering components on the affected vehicles.	
Parts	Remedy parts are only available for vehicles flagged in VMI as “OPEN”. Parts are available and can be ordered as necessary. As of this launch, only specific VINs identified in the recall population below mentioned MY and model are in “OPEN” recall status.	
Vehicles Affected		
Vehicle Model Year(s)	2015-2017	
Vehicle Model	CLA-Class, GLA-Class, B-Class electric	
Vehicle Populations		
Total Recall Population	51,945 (Phase 5)	
Given this notice, it is a violation of Federal law for a dealer to sell or lease any new MY14-18 CLA-Class, GLA-Class, B-Class electric vehicles in dealer inventory covered by this notification until the vehicle has been repaired. Once the repair is complete, the vehicle may be sold or leased.		
Additionally, given this notice, it is a violation of Federal Law for car rental companies to rent new MY14-18 B-Class electric, CLA-Class, GLA-Class vehicles covered by this notification until the vehicle has been repaired.		
Next Steps/Notes		
Customer Notification Timeline	Customer interim notification letters were mailed November 2017. Final customer notification letters will be mailed when remedy parts are available for the fifth phase of the recall, approximately one week after the recall launch to the dealers scheduled on April 27, 2018.	
AOMS/SOMS	AOMs –Please forward this notice to your dealers ASAP to ensure they are informed, as well as the dealer specific VIN list of affected vehicles in dealer inventory.	
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.		



Campaign No. 2018030018, April 2018

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Models 242, 117 and 156 Model Years 2015 - 2017**
Steering Column Module (SCM) Ground – electric steering column adjustment

Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has determined that certain MY15-17 B-Class electric, CLA-Class, GLA-Class, vehicles (242, 117, 156 platform) have insufficient electrical grounding in the steering column components. In rare instances, if the steering column module is exposed to an electrostatic discharge, and if the steering column module clock spring is broken (due to wear), this could lead to an inadvertent deployment of the driver airbag. A broken clock spring will illuminate the SRS warning light as well as display a warning message in the instrument cluster. An authorized Mercedes-Benz Dealer will install a sufficient ground to the steering column, and a protective ring to the steering column module.

Prior to performing this Recall Campaign:

- Please check VMI to determine if the vehicle is involved in the Campaign and if it has been previously repaired.
- Please review the entire Recall Campaign bulletin and follow the repair procedure exactly as described.

Please note that Recall Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Approximately 51,945 vehicles are involved.

Order No. P-RC-2018030018

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

Check/Test

i Before beginning work, **no SRS fault message** may be **present** in the instrument cluster!

i If an SRS fault message is present before beginning work, it must be rectified.

The **fault rectification** must **not be invoiced together with the recall!**

1. Position steering wheel all the way toward the driver and down.

2. Disconnect ground line of on-board electrical system battery.

3. Remove steering wheel.

Nm Screw of steering wheel on steering shaft, **80 Nm**

i **Make absolutely sure that the wheels are in the straight-ahead position before removal!**

i After the steering wheel has been removed, the wheels must remain in the straight-ahead position until the work has been completed and must not be turned!

i After this repair has been performed, the screw for the steering wheel must be marked with a color dot and reused. The thread is not cleaned and the remains of the micro-encapsulation remain on the screw and the thread of the steering column.

i Basic data for models 117, 156, 176, 242, and 246, see **AR46.10-P-0100NKB**

i Basic data for models 205 and 253, see **AR46.10-P-0100LW**

i The serrations **(A, Figure 1)** on the steering wheel must be aligned with the marking **(B, Figure 1)** on the steering shaft .

i Check the position carefully before removal and position identically during installation!

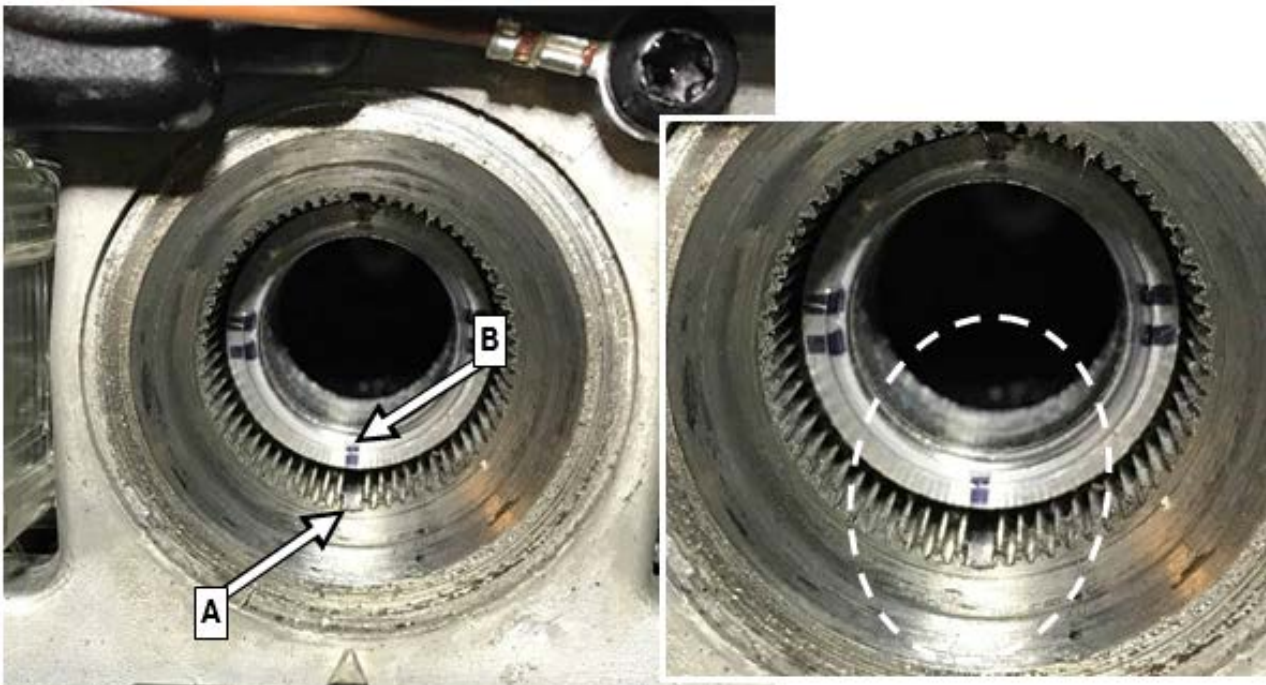


Figure 1

4.  Check version of installed steering column switch module.

 The following steering column switch modules can be installed:

- **Valeo without modification (Figure 2)**

 Valeo steering column switch modules *without* modification can be recognized by the three or two white support bands (**C, Figure 2**) and missing protective ring.

 A cast-on protective ring can be recognized by the six square openings (**D, Figure 3**).

- **Valeo with modification (Figure 3)**

 Valeo steering column switch modules **with** modification can be recognized by the three or two white support bands and **already cast-on protective ring**.

 A cast-on protective ring can be recognized by the six square openings (**D, Figure 3**).



Figure 2, Valeo without modification



Figure 3, Valeo with modification



Figure 4, Kostal

Kostal (Figure 4)

Kostal steering column switch modules do not have the white support bands.

- a. Steering column switch module from Valeo installed: **Perform work procedure.**
- b. Steering column switch module from Kostal installed: **End measure.**

i The **findings** from the check/test procedure must be recorded **in written form on the Work order!**

Procedure

1. Remove cover (**E, Figure 5**) on the installed steering column switch module.
 - i** Loosen cover (**E, Figure 5**) using a plastic wedge in the 11 o'clock position (**F, Figure 5**).
 - i** Do not support plastic wedge on the electrical connections!
 - i** This operation step is omitted in the case of Valeo steering column switch modules **with** modification!!



Figure 5

2. Subsequently position protective ring (**G, Figure 6**) on the installed Valeo steering column switch module.
 - i** Protective ring is placed on loosely and then held in place when the cover (**E, Figure 5**) is mounted.
 - i** Observe reference edges (**H, Figure 6**) of steering column switch module in relation to protective ring during assembly.
 - i** Important! It is not possible to retrofit a protective ring for steering column switch modules if the protective ring is already cast on!

- i** This operation step is omitted in the case of Valeo steering column switch modules *with* modification

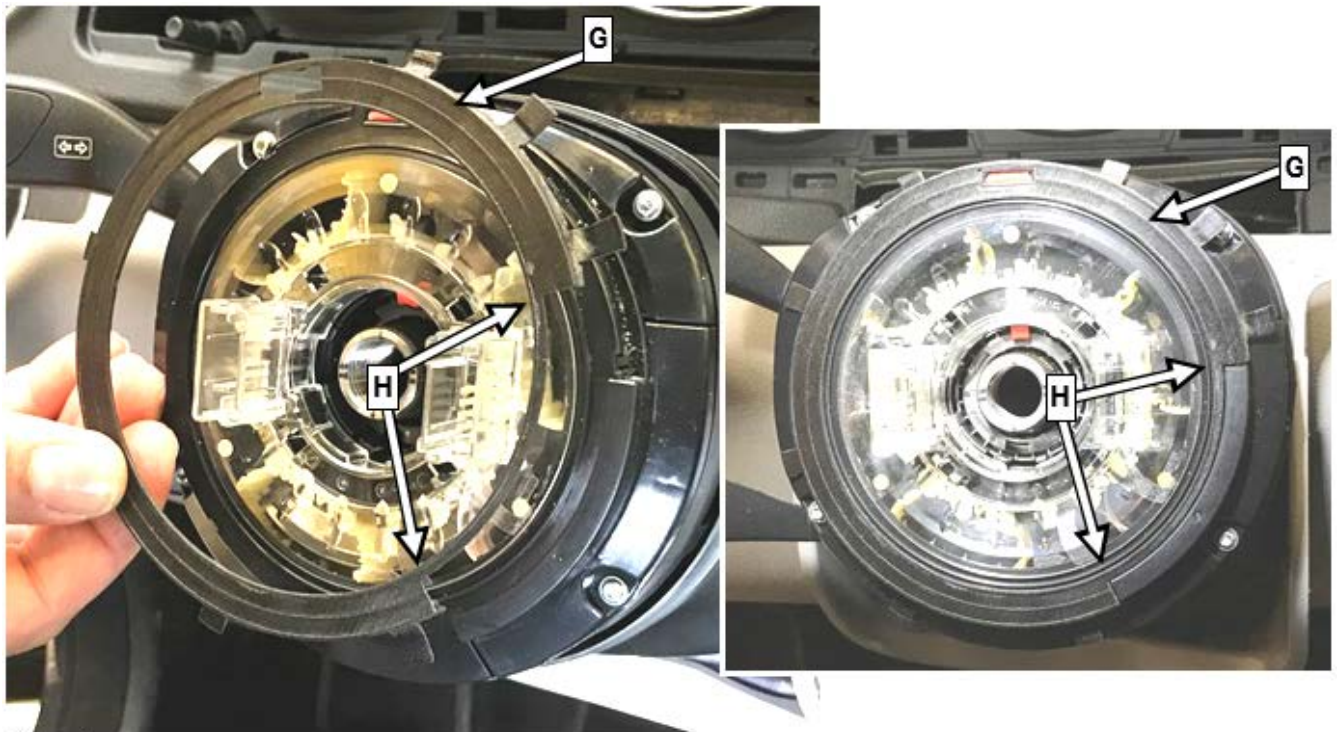


Figure 6

3. Install cover (E, **Figure 5**) on the steering column switch module.
4. Remove steering column switch module from steering column.
 - i** Lift steering column switch module with connected cables to the side.
 - i** Basic data for models 117, 156, 176, 242, and 246, **see AR54.25-P-2802NKB**
 - i** Basic data for models 205 and 253, **see AR54.25-P-2802LW**
5. Slide contact bridge (J, **Figure 7**) onto steering column until end stop is reached.
 - i** Observe the direction of installation: The three contact tabs of the contact bridge (K, **Figure 7**) must point in the direction of travel.
 - i** Insert the contact tabs into the bearing outer race of the steering column.
 - i** Push the contact tabs slightly inward if necessary.

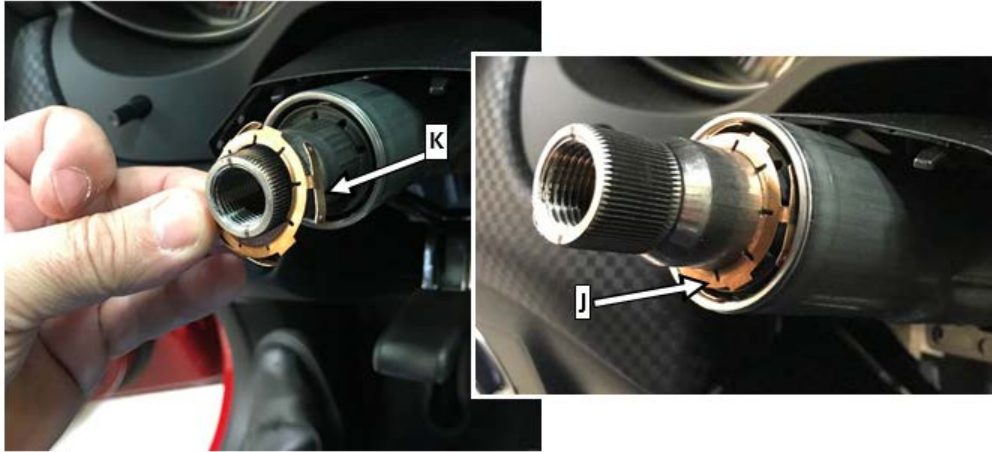


Figure 7

- i** **Figure 8:** Sample depictions of a contact bridge in final stop position on the steering column.
- i** The contact tabs disappear completely into the bearing outer race of the steering column!



Figure 8

6. Install steering column switch module.
 7. Assemble in reverse order.
Connect ground line to on-board electrical system battery.
 8. Turn transmitter key in electronic ignition lock to **position 1** and check whether the Airbag indicator lamp (**L, Figure 9 or 10**) goes out permanently after a few seconds.
- i** The SRS check is thus completely ensured after airbag replacement!

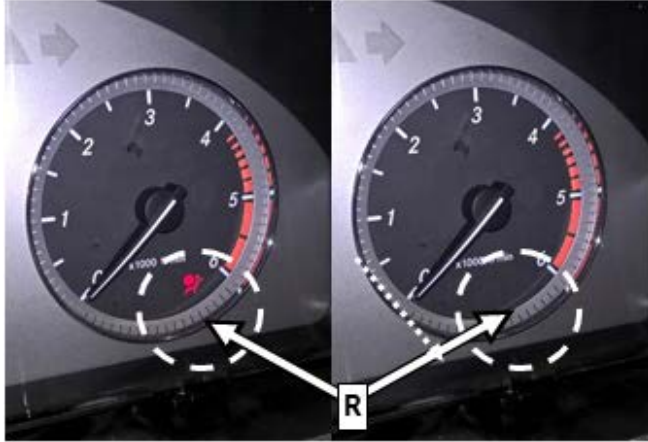


Figure 9



Figure 10

9. Turn steering wheel left and right up to the limit stop.

i No abnormal grinding noises may be audible.

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
1	Contact bridge	A 099 546 00 00	100%
1	Protective ring	A 205 464 01 00	As needed

Warranty Information

Operation: Check steering column (02-2083)

Includes: Disconnecting and connecting the battery, removing and installing the steering wheel and airbag

Rework electric steering column(02-2085)

Perform Xentry HV Power disconnect/start up of high-voltage on-board electrical system

Model: 242.890 (02-2193)

Damage Code	Operation Number	Labor Time (hrs.)
46 921 47 7	02-2083*	0.3
	02-2085*	0.2
	02-2193**	0.5

* Please enter Damage code manually in the work order according to the work Instructions

**For model: 242.890

i **Note**

Operation Number labor times are subject to change.