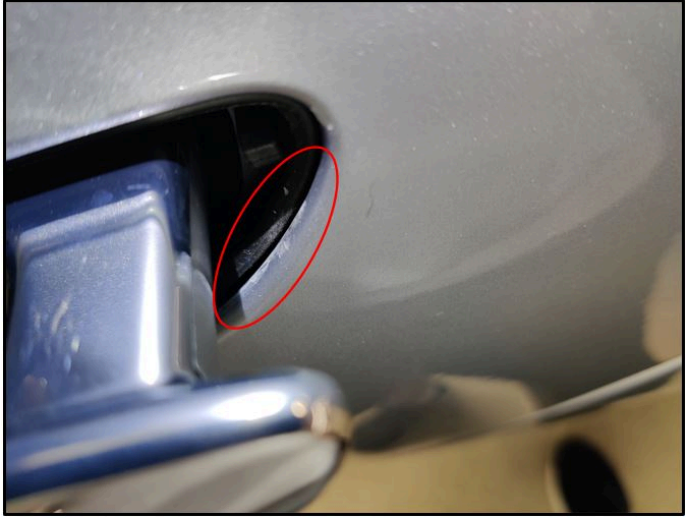


Flush-Mounted Door Handle Jams When It Is Pulled Out

Topic number	LI72.10-P-074316
Version	4
Function group	72.10 - Front door
Date	10/22/24
Validity	MODEL 214 with CODE 889 MODEL 223 with CODE 889 MODEL 232 with CODE 889 MODEL 294 with CODE 889 MODEL 295 with CODE 889 MODEL 296 with CODE 889 MODEL 297 with CODE 889
Reason for change	Validity adapted

Complaint

- The flush-mounted door handle could jam when it is pulled out and may move in a jerky manner when doing so.
- In the area of the paneling section of the door, paint damage could be present (picture 1) and/or an abrasion point could be present at the door handle (picture 2).


Attachments	
File	Description
Bild 1.JPG	Figure 1
	
Bild 2.JPG	Picture 2



Cause

The door handle could be installed too low in the y direction and/or the z direction (picture 3); as a result, the door handle could brush the door at the paneling section of the door.

Attachments

File	Description
Bild 3.JPG	Picture 3
	

Remedy

- 1.) Loosen screws from bearing bracket (picture 4, step 1).
- 2.) Remove bearing bracket (see picture 4, step 2) from door.

XENTRY Tips

- The door handle must be in pulled-in position.
- Open the affected door and push the door lock's rotary tumbler into the main catch.
- Lock the vehicle using the transmitter key so that the door handle is pulled in.
- Detach plug connector from bearing bracket (center slot).

3.) Paint over paint damage at door paneling (see picture 1) according to manufacturer specifications, using spot repair procedure if necessary.

4.) Loosen old assembly frame (picture 5, step 3).

- The assembly frame is bonded.
- Remove adhesive residue at front door.
- Bonding surfaces must be free of dust, oil, grease, wax, dirt residues and other adhesive components. Otherwise, this can lead to bonding problems.
- See "Parts" for part number of cleaning agent.

5.) Position new assembly frame (picture 5, step 3) at door.

- Remove protective film of tape at assembly frame beforehand.
- The assembly frame (picture 5, step 3) must have the same clearance all around the flange.

6.) Replace door handle, if an abrasion point (picture 2) is present.

7.) Screw in WITOL fasteners (picture 6) completely at mounting points of bearing bracket (picture 7, step 1) and align screws so that they are flush (picture 7, step 2).

8.) Position bearing bracket (picture 4, step 2).

- The door handle must have the same clearance all around in relation to the paneling section of the door (picture 8).

9.) Press the bearing bracket firmly against the paneling of the door and tighten the screws (picture 4, step 1) (=> torque: 6 Nm).

10.) Check the positioning of the bearing bracket. If necessary, loosen the screws slightly, readjust the bearing bracket slightly, then retighten the screws (=> torque: 6 Nm).

Attachments	
File	Description
Bild 4.JPG	Picture 4

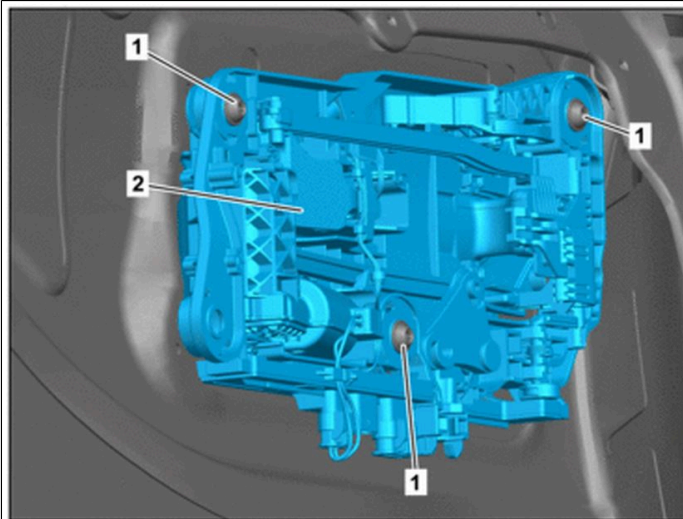


Bild 5.JPG

Picture 5

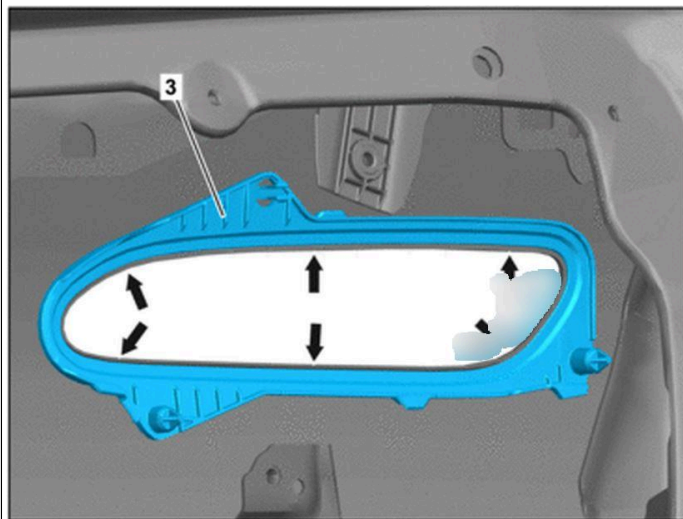


Bild 6.JPG

Picture 6



Bild 7.JPG

Picture 7

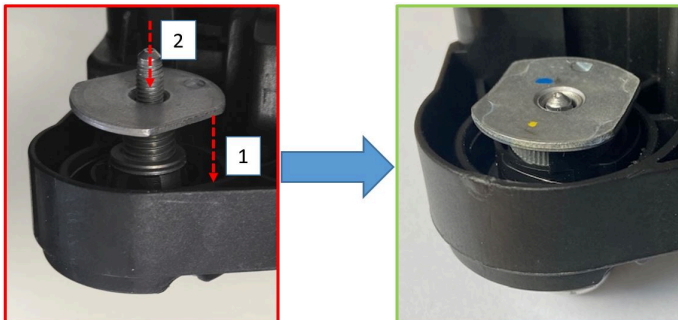
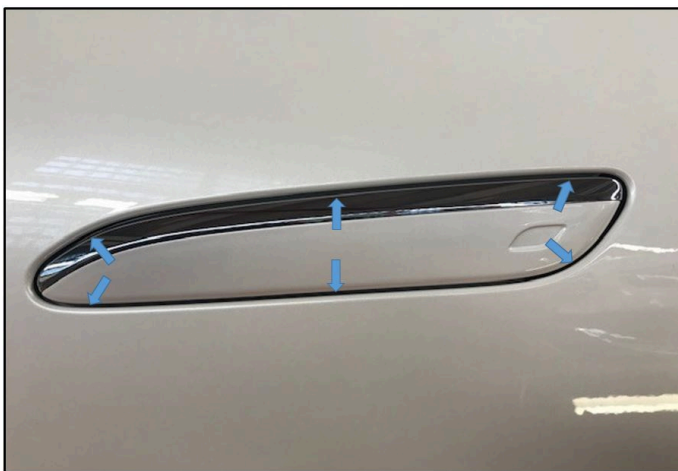


Bild 8.jpg

Picture 8



WIS-References

XENTRY Tips

Document number	Title	Note
AR72.10-P-4012EQS	Remove/install front door handle bearing bracket	Model 295 model 297
AR72.10-P-4012S	Remove/install front door handle bearing bracket	Model 223 except code Z07 (B7 arming for special protection version)

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms

Body > Door/Flap > Door > Door handle > Jammed

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0059891971			Cleaner	1		X
A0997605303			Left assembly frame	1	As required	X
A0997605403			Right assembly frame	1	As required	X

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			80A0FH2	
			80N0FH2	
			80A0GH2	
			80N0GH2	