

MY19+: Central locking system non-functional via key or water entry at roof

Topic number	LI65.10-P-074539
Version	1
Function group	65.10 - Roof paneling
Date	3/9/22
Validity	Model 463 facelift as of model year 2019 without sliding sunroof (code F15) up to vehicle identification end number ...X362550
Reason for change	

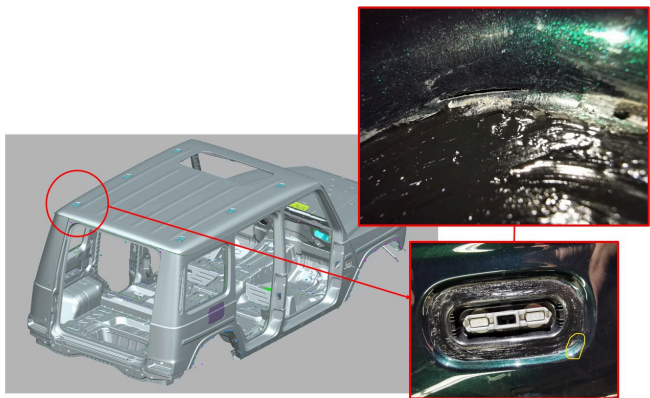
Complaint

It may not be possible to unlock the vehicle with the key. There may also be a complaint regarding water entry at the roof.

Fault codes that concern the antenna module may be stored in the fault memory of the KEYLESS-GO control unit.

Cause

A crack may have developed in the roof panel at the rear left roof luggage carrier pan (see picture 1) which may lead to water entry and a possible unexpected behavior of the radio remote control function of the central locking system.

Attachments	
File	Description
Ziehriss Verortung.jpg 	Picture 1

Remedy

Check whether a potential crack is present.

In the event of a crack, please proceed as follows:

XENTRY TIPS

1. Expose the rear left roof luggage carrier pan from the inside (see picture 2)
2. Drill stop holes at each end of the indentation of the crack (see picture 3)

Hole diameter: Ø3 mm

3. Clean surface to be sealed both on the inside and the outside (surface must be free of dust, grease and lint)
4. Seal the crack both on the inside and the outside with a seam seal
5. Touch up the area in which the work was carried out with a touch-up paint pen

Note: Seam seal is brushable and paintable.

Attachments	
File	Description
Ziehriss freigelegt.jpg 	Picture 2 (example picture with roof removed)
Ziehriss Stopbohrungen.jpg 	Picture 3

WIS-References		
Document number	Title	Note
AR68.30-P-4300XG	Remove/install headliner	-

Symptoms
Body > Interior equipment > Interior trim > Swelled

XENTRY TIPS

Body > Interior equipment > Interior trim > Odor
Body > Body/Cab > Body sealing > Water entry
Overall vehicle > Safety and locking system > Comfort opening/closing system > Transmitter key cannot be operated
Overall vehicle > Safety and locking system > Locks/locking/Remote closing mechanism > Does not open
Overall vehicle > Safety and locking system > Locks/locking/Remote closing mechanism > Malfunction
Overall vehicle > Safety and locking system > Locks/locking/Remote closing mechanism > Discharged battery
Overall vehicle > Safety and locking system > Locks/locking/Remote closing mechanism > Range insufficient
Overall vehicle > Safety and locking system > Keyless go > Function > Vehicle does not open

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 000 989 46 06			Gray seam seal	1		X
A 000 986 21 50			Touch-up paint pen	1	Always specify the color number when making the purchase order	X

Control unit/fault code

Control unit	Fault text
N69/5 - KEYLESS GO (KG)	B154E13 - The antenna module has a malfunction. There is an open circuit. B154E12 - The antenna module has a malfunction. There is a short circuit to positive. B154E11 - The antenna module has a malfunction. There is a short circuit to ground.

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			6500107	Please LI Number document in message text field