

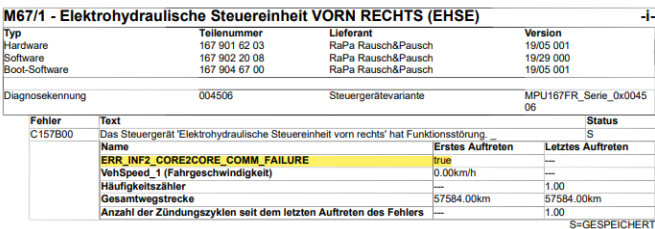
Message In Instrument Cluster Indicates eSuspension Communication Fault

Topic number	LI32.50-P-074719
Version	2
Function group	32.50 - Active Body Control (ABC)
Date	5/9/22
Validity	Model series 167 and model series 223 with SA490/electrohydraulic suspension
Reason for change	Task of opening a TIPS case for old hardware removed. "The new software must only be flashed in the event of a fault entry for CORE2CORE - communication error = true" added.

Complaint

Fault message, suspension, max. 50 mph in instrument cluster.

"i" - Fault code "ERR_INF2_CORE2CORE_COMM_FAILURE" = true is stored in the quick test and/or current.

Attachments	
File	Description
ERR_INF2_core2core_comm_failure.png  The screenshot shows a diagnostic tool interface for a Mercedes-Benz vehicle. It displays a fault code 'ERR_INF2_CORE2CORE_COMM_FAILURE' with a status of 'true'. The tool also shows other vehicle information like 'M67/1 - Elektrohydraulische Steuereinheit VORN RECHTS (EHSE)' and 'MPU167FR_Serie_0x0045 06'.	Quick test fault entry

Cause

Communication fault between electrohydraulic suspension component parts through out-of-date software (application software and bootloader software).

Remedy

With the latest hardware item number for the electrohydraulic pump units A167 901 62 03, the new application software A167 902 31 12 and the new bootloader software A167 904 18 01 have to be flashed.

XENTRY TIPS

In the event of deviating or older hardware item numbers, this software update must not be performed!

Note: The software may only be flashed if the core2core fault entry is present.

Symptoms
Chassis/suspension > Suspension/Dampening > Suspension System Function > Indicator lamp is on
Chassis/suspension > Suspension/Dampening > Active body control > Display message > -ABC- Malfunction
Chassis/suspension > Suspension/Dampening > Active body control > Function > Hard damping

Control unit/fault code	
Control unit	Fault text
M67/3 - Electrohydraulic controller unit RIGHT REAR (EHSE)	C157800 - The control unit 'Right rear electrohydraulic controller unit' has a malfunction. _
M67/2 - Electrohydraulic controller unit LEFT REAR (EHSE)	C157900 - The control unit 'Left rear electrohydraulic controller unit' has a malfunction. _
M67/1 - Electrohydraulic controller unit RIGHT FRONT (EHSE)	C157B00 - The control unit 'Right front electrohydraulic controller unit' has a malfunction. _
M67 - Electrohydraulic controller unit LEFT FRONT (EHSE)	C157A00 - The control unit 'Left front electrohydraulic controller unit' has a malfunction. _

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note