

Fault Code C112502 Logged In Rear Axle Steering Control Unit (N68/4)

Topic number	LI46.80-P-072750
Version	4
Function group	46.80 - Auxiliary rear axle steering, auxiliary steering axle (ZL), electro-hydraulic auxiliary steering (EHZ)
Date	1/6/22
Validity	Model 206 with code 201 or 216 model 223 with code 201 or 216 model 297 all
Reason for change	Model 297 incorporated

Complaint

The fault code C112502 is logged (as current or stored) in the rear axle control unit (N68/4).

Cause

The fault code is caused by communication with the ESP control unit:

1. After carrying out a quick test or performing a diagnosis on the ESP control unit (N30/3): This fault code occurs in the ESP control unit (N30/3) as a result of the diagnosis performed with XENTRY Diagnosis. At the point of diagnosis, the ESP control unit (N30/3) sends the value "ERROR" on the FlexRay. The rear axle steering control unit (N68/4) is not able to process this value and logs the fault code C112502.
2. As a result of a fault code logged in the ESP control unit (N30/3): As a result of the fault code logged in the ESP control unit (N30/3), the ESP control unit (N30/3) sends the value "ERROR" on the FlexRay and the rear axle steering (N68/4) switches to the safe mode provided for this purpose.

Remedy

Re. cause 1: If fault code C112502 does not occur until after a quick test or after a diagnosis performed directly in the ESP control unit (N30/3), the fault code can be ignored and deleted directly in the rear axle steering control unit (N68/4). If the fault code is current, perform an ignition off/on so that the fault code is only registered as stored.

Re. cause 2: If fault code C112502 is already present when the first quick test is carried out, check and process the fault code(s) in the ESP control unit (N30/3). Here too, the fault code can be ignored and deleted directly in the rear axle steering control unit (N68/4).

Symptoms	
Chassis/suspension > Steering system > Display message > Pow. steer. faulty Serviced Required	
Control unit/fault code	
Control unit	Fault text

XENTRY TIPS

N68/4 - Rear axle steering (HAL)	C112502 - The rear axle steering has a malfunction. There is a general signal fault.
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Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note