

## N80 Steering column Control module - SCCM174 (Hardware: Kostal) Stored DTC C220564

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Topic number	LI82.90-P-080159
Version	1
Function group	82.90 - On-board communications system, multifunction steering wheel, central control functions
Date	2/27/26
Validity	components with SCCM174
Reason for change	

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### Complaint

Stored DTC C220564 - "There is an internal fault in the steering angle sensor. There is an implausible signal."

In the quick test, there are also no other DTC's in other control units that point to or reference N80 Steering Column Control Module ("SCCM").

There is no effect on any other components or vehicle functions and it does not cause an instrument cluster light.

### Cause

The DTC only ever occurs during initialization (initialization occurs after bus sleep). The SCCM then resets itself.

### Remedy

1. If the error is stored and no other control unit points to the N80 SCCM – ignore and erase. Software expected in Q4 2026.

2.If the DTC is in the N80 SCCM AND the following DTC's are in N30/3 (Electronic Stability Program) and N68 (Electric Power Steering):

- N30/3 ESP: U071286, Steering column tube module control unit has a malfunction. There is an incorrect signal.
- N68 EPS: U042986, Implausible data were received from the steering column module. There is an incorrect signal.

Please open a TIPS case to the Body/Chassis/Entertainment inbox.

### 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

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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.

<b>Symptoms</b>
Chassis/suspension > Steering system > Function > Parameter function
Chassis/suspension > Steering system > Function > Reset
Communication/information > Assistance and warning systems > Active Steering Assist > Malfunction
Communication/information > Assistance and warning systems > Active Steering Assist > Warning message in instrument cluster

<b>Control unit/fault code</b>	
Control unit	Fault text
N80 - Steering column module (SCM) (SCCM174)	C220564 - There is an internal fault in the steering angle sensor. There is an implausible signal.

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