

ESP/Brake or Steering Yellow Instrument Cluster Light
- Steering Column Module (N80) with C220564 and
P161447 - BCS Automotive Interface Solutions Supplier

Topic number	LI46.10-P-079375
Version	1
Function group	46.10 - Steering wheel, jacket tube, steering shaft, steering lock
Date	8/5/25
Validity	206, 254, 214, 294, and 295 with BCS Steering Column Modules (N80).
Reason for change	

Complaint

Criteria:

- Customer concern for ESP/Brake or Steering yellow instrument cluster message.
- DTC's C220564 or P161447 in the Steering Column Control Module (N80).
- N80 supplier is "BCS".
- "Hardware" or "Boot Software" version number is 23/18 000 or greater.

To check which supplier steering column module is in the vehicle and where to find the hardware version number. Please see attachment, "N80 Control unit identifications"

Attachments

File	Description		
N80 Control Unit Identifications.jpg	N80 Control Unit Identifications		
N80 - Steering column module (SCM)			
Model	Part number	Supplier	Version
Hardware	295 901 96 00	BCS Automotive Interface Solutions	23/18 000
Software	206 902 93 14	BCS Automotive Interface Solutions	24/18 002
Boot software	---	---	23/18 000

Cause

Triggered due to communication related software timing.

Remedy

Update Steering Column Module (N80) to target software A2069029314 and perform an ignition cycle.

Note:

If the DTC's are present after software update and ignition cycle, please create a TIPS case.

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
Chassis/suspension > Steering system > Function > Parameter function
Chassis/suspension > Steering system > Display message > Pow. steer. faulty Serviced Required

Control unit/fault code	
Control unit	Fault text
N80 - Steering column module (SCM) (SCCM223)	P161447 - An internal control unit reset was performed. There is a runtime error.
N80 - Steering column module (SCM) (SCCM223)	C220564 - There is an internal fault in the steering angle sensor. There is an implausible signal.

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