

2018 Mercedes Benz E63S AMG 4MATIC Sed (213.089) V8-4.0L Turbo (177.980)

Vehicle > Technical Service Bulletins

LANE KEEPING ASSIST: FAULT MESSAGE IN INSTRUMENT CLUSTER, LANE KEEPING ASSIST NONFUNCTIONAL



- Lane Keeping Assist: Fault message in instrument cluster, Lane Keeping Assist nonfunctional -

Topic number	LI46.10-P-065829
Version	5
Function group	46.10 Steering wheel, jacket tube, steering shaft, steering lock
Date	05-30-2019
Validity	Model series 166, 172, 205, 207, 212, 213, 217, 218, 222, 231, 253 and 292 with code 238 (Active Lane Keeping Assist) Model series 117, 242 and 246 with code 476 (Automatic Lane Recognition)
Reason for change	Damage code changed

Complaint

The display of the instrument cluster shows a "Lane Keeping Assist not available" message.

Note: This message is not to be confused with the "Active Lane Keeping Assist Currently Unavailable See Operator's Manual" display message. If this is the complaint message, refer to the causes and explanations provided in the operator's manual. In these instances, Active Lane Keep Assist will operate as designed once the environmental conditions become optimal again and will not be remedied by replacement of the steering wheel or the steering wheel electronics.

Cause

Power supply of steering wheel electronics control unit N135.

Remedy

Procedure:

1) Power supply for vibration motor in steering wheel with external power supply (12 volt for approx. 3 seconds)

- Vibration motor nonfunctional -> Replacement of vibration motor if individual order possible, alternatively, replacement of steering wheel.
- Vibration motor functions properly -> continue with test step (2)

2) Replacement of steering wheel electronics N135.

IMPORTANT: Please note the tightening torques of the three bolts here, as the bolts involved here are thread-forming ones. **The bolts must reach 7 Nm.**

- Tightening torque of **7 Nm** is reached -> Actuation of vibration motor with XENTRY and inspection of horn function.
- Tightening torque of **7 Nm** is not reached -> Replace steering wheel.

WIS references

Document number	Title	Note	Allocation
GF82.90-P-9890A	Basic function of steering wheel electronics control unit		Parts

Symptoms

Symptom

Chassis/suspension / Steering system / Display message / Pow. steer. faulty Serviced Required
 Communication/information / Assistance and warning systems / Lane Assistant / Indicator lamp on
 Communication/information / Assistance and warning systems / Lane Assistant / No vibration despite driving over line
 Communication/information / Assistance and warning systems / Lane Assistant / Malfunction
 Communication/information / Assistance and warning systems / Lane Assistant / Malfunction, displays
 Communication/information / Assistance and warning systems / Lane Assistant / Warning message in instrument cluster

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
			Steering wheel electronics control unit N135	1	Determine part number in EPC	
			Steering wheel	1	Determine part number in the EPC.	

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			4634273	