

Fault message in instrument cluster on engine start
 "Power Steering Malfunction, Service Required"

Topic number	LI46.35-P-053719
Version	1
Design group	46.35 Elec tric steering
Date	05-01-2012
Validity	Model 218, all
Reason for change	Model series 212 and 166 deleted
Reason for block	

Complaint:

Fault message in instrument cluster on engine start "Power Steering Malfunction, Service Required". Steering power assistance is off.

The following fault codes (DTCs) and KFC numbers (internal codes) are stored in the control unit of the electric power steering (N68).

The KFC numbers are listed in the control unit log for the electric power steering (N68) (see example in attachment).

Fault code P063500 with KFC numbers 0F 00 10 00 FF FF FF FF FF FF

Fault code P063547 with KFC numbers 1D 0E FF FF FF FF FF FF FF FF

Attachments	
File	Designation
KFC-Nummern.pdf	Example of KFC numbers

Cause:

If the steering is operated during the starting procedure with a low battery charge level, the control unit monitor function can interpret this as implausible and signal a malfunction.

Remedy:

Model series 218

1. Perform XENTRY DIAGNOSTICS update with add-on
 - For Xentry Diagnostics DVD 11/2011 use add-on number 2173.
 - For Xentry Diagnostics DVD 01/2012 use add-on number 2174.
2. Perform software update of electric power steering (N68)

Symptoms
Steering system / Chassis/suspension / Support / Steering System Function /

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Steering system / Chassis/suspension / Steering System Function / Stiff movement /
Steering system / Steering System Display / Pow. steer. faulty Serviced Required / Chassis/suspension /

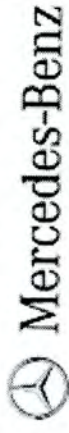
Control unit/fault code		
Control unit	Fault code	Fault text
ES - Electrical power steering (N68) (EPS218)	P063500	The electric power steering has a malfunction. _
ES - Electrical power steering (N68) (EPS218)	P063547	The electric power steering has a malfunction. There is a runtime error.

Work units				
Op. no.	Operation text	Time	Damage code	Note
54-0991	CONTROL UNIT:.....INSTALL SOFTWARE (AFTER QUICK TEST)		46494 90	

Validity		
Vehicle	Engine	Transmission
CLS (218)	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
218.303	651.924	722.908
218.323	642.853	722.903
218.355	276.952	722.906
218.359	276.952	722.906
218.364	276.820	722.904
218.373	278.922	722.909
218.374	157.981	722.931
218.391	278.922	722.967
218.393	642.854	722.966

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ES-Elektrische Servolenkung (N68)

F

Fehlercodes

Code	0-P063500	0 - P063547
Erstes Kurztestergebnis		
Aktueller Fehlerstatus	A	S

Fehlercodes

Code	0 - P063500	0 - P063547
Erstes Kurztest-Ergebnis	A	S
Letztes Kurztest-Ergebnis	A	S
Aktueller Fehlerstatus		
Liste der KFC-Nummern	AKTUELL und GESPEICHERT	GESPEICHERT
Häufigkeitszähler	0F 00 10 00 FF FF FF FF FF FF FF FF	1D 0E FF FF FF FF FF FF FF FF
Gesamtwegstrecke	1.00	1.00
Anzahl der Zündungszyklen seit dem letzten Auftreten des Fehlers	47056.00km	47056.00km
	12.00	12.00