

XENTRY

Fault message in instrument cluster on engine start

"Power Steering Malfunction, Service Required"

Topic number	LI46.35-P-060415
Version	1
Design group	46.35 Elec tric steering
Date	12-17-2014
Validity	Model 205 4MATIC (up to production date 30.11.2014)
Reason for change	
Reason for block	

Complaint:

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

A fault code with backup memory data is logged in the control unit log of the electric power steering (N68).

The backup memory is listed in the control unit log for the electric power steering (N68) (see example in attachment).

Xentry fault profile: Fault code P063500 with backup memory data 30 00 07 00 5F

Cause:

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

Attachments	
File	Description
Backupmemory.pdf	Fault code and backup memory

Remedy:

1. Perform XENTRY DIAGNOSTICS update with add-on

For Xentry Diagnostics DVD 09/2014 use add-on number 4144.

For Xentry Diagnostics DVD 12/2014 use add-on number 4118.

2. Perform software update of electric power steering (N68).

Note: If the ES control unit data indicates a different Xentry fault profile, please create a PTSS case with the following information:

- Quick test with fault freeze frame data
- ES Control unit log

Symptoms

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

Chassis/suspension / Steering system / Steering System Function / Stiff movement

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

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
205.009	*	*
205.049	*	*
205.066	*	*
205.209	*	*
205.266	*	*