

Red display message in instrument cluster "Power Steering Malfunction - See Owner's Manual"

Topic number	LI46.35-P-059989
Version	5
Design group	46.35 Elec tric steering
Date	12-08-2014
Validity	Model 205.049 Model 205.066
Reason for change	Update to Remedy
Reason for block	

Complaint:

Red display message in instrument cluster "Power Steering Malfunction - See Owner's Manual" and steering assistance is reduced at vehicle start.

An acoustic warning also sounds.

Backup Memory of the ES Control unit (N68) logged (Example photo in Attachments)

Xentry output: Fault Code "P063500" including backup memory data "30 00 07 00 5F"

Attachments	
File	Description
Backupmemory.pdf	Failure Backup Memory

Cause:

During bootup process if steering input is applied, the ES Control unit may identify implausible data.

Remedy:

1. Install new software for electric power steering (ES).

Xentry Diagnostics DVD 09/2014 AddOn Number "4144"

Xentry Diagnostics DVD 12/2014 AddOn Number "4118"

Note: If the ES Control unit has additional Fault Code's, or a different backup memory then indicated in the Complaint field 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 / Stiff movement
Chassis/suspension / Steering system / Steering System Display / Pow. steer. faulty Serviced Required

Control unit/fault code		
Control unit	Fault code	Fault text
ES - Electrical power steering (N68) (EPS205_ZF)	P063500	The electric power steering has a malfunction. _

Work units				
Op. no.	Operation text	Time	Damage code	Note
54-0991	CONTROL UNIT SOFTWARE UPDATE (AFTER SHORT TEST)		46494 90	
54-1011	SHORT TEST PERFORM			

Validity		
Vehicle	Engine	Transmission
205.049	*	*
205.066	*	*