

ESM (electronic selector lever module) fault 0002 "Undervoltage"

Topic number	L127.60-N-048766
Version	3
Design group	27.60 Gearshift, control
Date	08-29-2013
Validity	Sprinter model designation 906 with code G40
Reason for change	Distribution extended
Reason for block	

Complaint:

The vehicle enters limp-home mode and has stored the fault 0002 "Undervoltage" in the ESM control unit.

Cause:

The undervoltage fault is stored as an event in the ESM control unit and causes the automatic transmission to enter limp-home mode.

Remedy:

Check possible reasons and remedies, as described in the DAS, and process where applicable.

Load new software for the ESM control unit.

Symptoms
Power transmission / Automatic transmission / Automatic transmission - function / Limp-home mode

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 906 260 35 09			ESM shift mechanism	1	For LHD vehicles: Observe the note in the EPC!	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
27-0641	CHECK SEPARATE PARTS OF AUTOMATIC TRANSMISSION ACCORDING TO FAULT CODE.		27645 73	

WIS-References

XENTRY

Document number	Title	Note	Allocation
AR27.60-D-0901B	Remove/install electronic selector lever module (ESM)	Only replace the ESM if flashing was unsuccessful!	Remedy

Validity		
Vehicle	Engine	Transmission
Sprinter III	*	722.686
Sprinter III	*	722.684
Sprinter III	*	722.683
Sprinter III	*	722.685