

Transmission in limp-home mode, fault code 079100 or fault code 274500 stored

Topic number	LI27.00-P-061232
Version	1
Design group	27.00 General
Date	04-10-2015
Validity	On all vehicles with VGS2 (part number in quick test A 005 446 36 10) in production period 12/2013 - 12/2014
Reason for change	
Reason for block	

Complaint:

- Transmission in limp-home mode
- Fault code 079100 or fault code 274500 in quick test stored
- White instrument cluster message "Reverse not possible"
- Reverse not available again until after ignition change

Cause:

Diagnosis thresholds in transmission software too narrow

Remedy:

Flash latest transmission software and perform normalization/adaptation of transmission

Symptoms
Power transmission / Automatic transmission / Automatic transmission - function / Electrical fault/Fault code
Power transmission / Automatic transmission / Automatic transmission - function / Shifting is not performed or is delayed
Power transmission / Automatic transmission / Automatic transmission - function / Poor shift quality

Control unit/fault code		
Control unit	Fault code	Fault text
DKG - Electronic transmission control for double-plate clutch transmission (N15/13) (DCT)	079100	Rpm sensor 1 has an electrical fault. _
DKG - Electronic transmission control for double-plate clutch transmission (N15/13) (DCT)	274500	Rpm sensor 2 has an electrical fault. _

Work units				
Op. no.	Operation text	Time	Damage code	Note
			2701B F2	Shift Operation P-R does not shift
54-0650	MAINTAIN VOLTAGE			
54-1011	QUICK TEST			
54-0991	SOFTWARE			
27-1047	ADAPTATION - SEPARATE TIME PUNCH, IN/OUT MILEAGE			

Validity		
Vehicle	Engine	Transmission
117.301	*	724
117.302	*	724
117.303	*	724
117.305	*	724
117.308	*	724
117.312	*	724
117.342	*	724
117.343	*	724
117.344	*	724
117.345	*	724
117.346	*	724
117.347	*	724
117.352	*	724
117.903	*	724
117.908	*	724
117.942	*	724
117.943	*	724
117.944	*	724
117.946	*	724
117.952	*	724
242.848	*	724
246.200	*	724
246.201	*	724
246.202	*	724
246.203	*	724
246.205	*	724
246.207	*	724
246.208	*	724
246.211	*	724
246.212	*	724

XENTRY

246.242	*	724
246.243	*	724
246.244	*	724
246.246	*	724
246.247	*	724
A (176)	*	724
GLA (156)	*	724