

Transmission fault message in display in combination with the rpm sensor fault P072200, P072300

Topic number	LI27.19-P-056151
Version	3
Design group	27.19 Transmission - electrical system
Date	07-10-2014
Validity	MODEL 212.098, 212.298 (BLUEHYBRID) MODEL 212.095, 212.195 (HYBRID)
Reason for change	Flashware numbers documented.
Reason for block	

Complaint:

Transmission fault message in instrument cluster in combination with rpm sensor faults P072300 and/or P072200.

Cause:

With an unfavorable sensor position and high rpms, the sensor may deliver incorrect rpm values and the transmission control unit may detect overspeeding. Owing to the software application, the control unit is not reset in the case of implausible messages.

Remedy:

Flash transmission control unit using Xentry Diagnostics:

- MODEL 212.098, 212.298 with FBS3: Transmission software A 000 902 90 23 with add-on 3666 for XENTRY DVD 03/2014 or add-on 3667 for XENTRY DVD 05/2014 or later XENTRY DVD
- MODEL 212.098, 212.298 with FBS4: Transmission software A 000 902 18 22 with XENTRY DVD 07/2014 or later XENTRY DVD
- MODEL 212.095, 212.195: Transmission software A 000 902 17 22 with XENTRY DVD 07/2014 or later XENTRY DVD

Note: Pre-release of XENTRY DVD's are not available. DVD 07/2014 is expected to be released in August 2014.

Symptoms
Power transmission / Power transmission, function / No power flow
Power transmission / Automatic transmission / Automatic transmission - function / General
Power transmission / Automatic transmission / Automatic transmission - function / No power flow

Control unit/fault code		
Control unit	Fault code	Fault text
VGS - Fully integrated transmission control (Y3/8n4) (VGS4NAG2)	P072300	Rpm sensor "Output shaft" has a sporadic malfunction. _

VGS - Fully integrated transmission control (Y3/8n4) (VGS4NAG2)	P072200	The signal of rpm sensor "Output shaft" is missing. _
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Work units				
Op. no.	Operation text	Time	Damage code	Note
			54553 90	
54-0650	BATTERY CHARGER/ MAINTAIN VOLTAGE			
54-1011	SHORT TEST			
54-0991	UPDATE SOFTWARE			

Validity		
Vehicle	Engine	Transmission
212.095	276.952	724.206
212.098	651.924	724.208
212.195	276.952	724.206
212.298	651.924	724.208