

Transmission complaint in combination with fault code P087000

Topic number	LI27.19-P-057771
Version	2
Design group	27.19 Transmission - electrical system
Date	12-04-2013
Validity	MODEL 212.098, 212.298 (BLUEHYBRID) MODEL 212.095 (Hybrid) MODEL 222.057, 222.157 (HYBRID)
Reason for change	Repair kit part number adjusted.
Reason for block	

Complaint:

Transmission malfunction message in display and various transmission problems (including vehicle intermittently cannot be shifted to reverse under certain circumstances) in combination with fault code P087000.
Also, the Check Engine Light may light up in the case of this complaint. This message does not impair engine running.

Cause:

FC 087000 "Oil pressure sensor `C` has an electrical fault". Hardware fault in oil pressure switch.

Remedy:

If a transmission problem occurs in combination with this fault code P087000, the transmission control unit (VGS) should be replaced.

Refer to the WIS Document AR27.19-P-0220EH.

Symptoms
Power transmission / Automatic transmission / Automatic transmission - function / General
Power transmission / Automatic transmission / Automatic transmission - function / Electrical fault/Fault code

Control unit/fault code		
Control unit	Fault code	Fault text
VGS - Fully integrated transmission control (Y3/8n4) (VGS4NAG2)	P087000	Oil pressure sensor "C" has an electrical fault. _

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 000 270 28 00			VGS4-500 (DAS3) repair kit	1	Only for vehicles up to code 803 with DAS3	X	

XENTRY

A 000 270 33 00		VGS4-500 (DAS4) repair kit	1	Only for vehicles as of code 804 with DAS4	X	
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WIS-References			
Document number	Title	Note	Allocation
AR27.19-P-0220EH	Disassemble and assemble electrohydraulic controller unit		Remedy

Validity		
Vehicle	Engine	Transmission
212.095	276.952	724.206
212.098	651.924	724.208
212.298	651.924	724.208
222.057	276.960	724.206
222.157	276.960	724.206