
**Shift quality complaints and/or automatic transmission
in limp-home mode in combination with the fault codes
P060600, P072200, P072300, P072364, P072900, P073000
P073100, P073200, P073300, P073400, P073500, P076F00**

Topic number	LI27.50-P-056467
Version	4
Design group	27.50 Gear assembly
Date	07-26-2013
Validity	Model series 231 with CODE 803 X204, model series 207, model series 212, model series 218 and model series 231 with CODE 804
Reason for change	Remedy adapted.
Reason for block	

Complaint:

Shift quality complaints and/or automatic transmission in limp-home mode in combination with one or more of the following fault codes: P060600, P072200, P072300, P072364, P072900, P073000, P073100, P073200, P073300, P073400, P073500, P076F00.

Cause:

The output speed sensor can wander out of the signal trigger range due to mechanical vibrations. Under certain circumstances this can result in a failure to register the output speed of the automatic transmission until the next ignition cycle.

Remedy:

The following Xentry Diagnostics add-ons must be installed for the following remedies:

- Add-on 2889 and 2908 for DVD 05/2013
- Add-on 2909 for DVD 07/2013

Before carrying out the remedies, please check the corresponding vehicle data card for the necessary CODE (all specified code conditions must be fulfilled simultaneously).

Remedy for vehicles with CODE 804, with CODE 32A, without CODE 01A:

Please install a fully integrated transmission control repair kit A 000 270 35 00 and update the software of the automatic transmission.

Remedy for vehicles with CODE 804, with CODE 32A, with CODE 01A:

Please install a fully integrated transmission control (VGS) repair kit A 000 270 34 00 and update the software of the automatic transmission.

Remedy for vehicles with CODE 804, without CODE 32A, without CODE 35A, without CODE 01A, and model series 231 with CODE 803:

If the fully integrated transmission control (VGS) is intact, update the software of the automatic transmission.

If the fully integrated transmission control (VGS) is defective, install a fully integrated transmission control (VGS) repair kit A 000 270 35 00 and then update the software of the automatic transmission.

Remedy for vehicles with CODE 804, with CODE 01A, without CODE 32A, without CODE 35A:

If the fully integrated transmission control (VGS) is intact, update the software of the automatic transmission.

If the fully integrated transmission control (VGS) is defective, install a fully integrated transmission control (VGS) repair kit A 000 270 34 00 and then update the software of the automatic transmission.

Note:

Part numbers are non-stocking DRT parts and must be ordered for a specific VIN number.

Symptoms
Power transmission / Automatic transmission / Automatic transmission - function / General
Power transmission / Automatic transmission / Automatic transmission - function / No power flow
Power transmission / Automatic transmission / Automatic transmission - function / Electrical fault/Fault code
Power transmission / Automatic transmission / Automatic transmission - function / Poor shift quality

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 000 270 34 00			Fully integrated transmission control (VGS) repair kit	1	FBS3	X	
A 000 270 35 00			Fully integrated transmission control (VGS) repair kit	1	FBS4	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
27-2382	REPLACE SUPPORTING BODY OF ELECTRICAL KIT FOR AUTOMATIC TRANSMISSION	23 AW	53377 73	Should only be used if fully integrated transmission control (VGS) repair kit has been installed.
54-0992	CODE AUTOMATIC TRANSMISSION CONTROL UNIT	2 AW		Should only be used if fully integrated transmission control (VGS) repair kit has been installed.
54-0991	INSTALL AUTOMATIC TRANSMISSION CONTROL UNIT SOFTWARE	4 AW	54553 90	
02-5058	CONNECT/DISCONNECT BATTERY CHARGER	1 AW		

02-4762	CONNECT/DISCONNECT DIAGNOSTIC SYSTEM	2 AW		
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Validity		
Vehicle	Engine	Transmission
CLS (218)	276	722
CLS (218)	278	722
CLS (218)	651	722
CLS (218)	642	722
E (207)	642	722
E (207)	276	722
E (207)	278	722
E (207)	651	722
E (207)	274	722
E (207)	271	722
E (212)	276	722
E (212)	651	722
E (212)	278	722
E (212)	271	722
E (212)	274	722
E (212)	642	722
GLK (204)	651	722
GLK (204)	642	722
GLK (204)	274	722
GLK (204)	276	722
GLK (204)	272	722
SL (231)	276	722
SL (231)	278	722