

Shifting complaints and transmission fault codes in vehicles with transmission 725.0

Topic number	LI27.00-P-060741
Version	4
Function group	27.00 General
Date	08-24-2020
Validity	Vehicles with TRANSMISSION 725.0 (9G-TRONIC)
Reason for change	added steps 1 to 8
Reason for block	

Complaint:

Rough Shifting, shuddering, limp-home operation and general complaints about the 725.0 9G-TRONIC transmission.

Attachments	
File	Description
Transmission 725 analysis.pdf	Analysis Sheet

Cause:

Various

Remedy:

Please perform the following steps:

1. Reproduce the complaint
2. Collect initial EEPROM
3. Check the Oil level
4. Perform Xentry valve flushing
5. Update Software in ME, VGS, and PTCU
6. Perform standstill adaptation
7. Collect EEPROM after adaptation
8. Test drive the vehicle. If the complaint is still present after these steps have been performed, then please open PTSS case with the following data attached:
 - Initial Quicktest
 - VGS Control Unit Log
 - Both EEPROM *.txt files
 - Results of oil level check
 - Answers to analysis sheet, either scanned and attached to PTSS or answered in case. Note: Analysis worksheet is only necessary if complaint is on vehicle function. For complaints only of warning lights, the sheet is not necessary.

Engineering will respond to the case

Symptoms
Power transmission / Automatic transmission / Function / Limp-home mode
Power transmission / Automatic transmission / Function / Malfunction

XENTRY TIPS

Power transmission / Automatic transmission / Function / Poor start-off performance
Power transmission / Automatic transmission / Function / Engaging process
Power transmission / Automatic transmission / Drive position selection / Function / General
Power transmission / Automatic transmission / Function / No power flow
Power transmission / Automatic transmission / Leakage / Leaks
Power transmission / Automatic transmission / Drive position selection / Function / Blocks
Power transmission / Automatic transmission / Drive position selection / Function / Gear indicator nonfunctional
Power transmission / Automatic transmission / Drive position selection / Function / Catching/sluggish
Power transmission / Automatic transmission / Function / Shifts
Power transmission / Automatic transmission / Function / Shuddering during start-off
Power transmission / Automatic transmission / Function / Electrical fault/Fault code
Power transmission / Automatic transmission / Function / Stalls engine
Power transmission / Automatic transmission / Function / Blocks
Power transmission / Automatic transmission / Function / Shudders
Power transmission / Automatic transmission / Function / Slips
Power transmission / Automatic transmission / Function / Shifting is rough
Power transmission / Automatic transmission / Function / Shifting is not performed or is delayed
Power transmission / Automatic transmission / Drive position selection / Function / Gear cannot be engaged
Power transmission / Automatic transmission / Drive position selection / Function / Malfunction
Power transmission / Automatic transmission / Drive position selection / Function / Sticks
Power transmission / Automatic transmission / Drive position selection / Function / Electrical fault/Fault code
Power transmission / Automatic transmission / Drive position selection / Function / Steering wheel buttons nonfunctional
Power transmission / Automatic transmission / Function / Poor shift quality
Power transmission / Automatic transmission / Noises / Noise

Validity		
Vehicle	Engine	Transmission
C (205)	*	725
CLS (218)	*	725
E (207)	*	725
E (212)	*	725
E (213)	*	725
GL/GLS (166)	*	725
GLC (253)	*	725
GLE (292)	*	725
M/GLE (166)	*	725
S (217)	*	725
S (222)	*	725
SL (231)	*	725
SLK/SLC 172	*	725

XENTRY TIPS
