

A "Transmission malfunction" message is shown on the instrument cluster.

Topic number	LI27.00-P-073687
Version	1
Function group	27.00 - General
Date	10/1/21
Validity	Model series 177; 118; 247_ with transmission model designation 724.1xx
Reason for change	

Complaint

"Transmission malfunction" fault message shown on instrument cluster

Fault code P287E00 is stored

Cause

Vibrations can cause the gearshift sleeve for the 8th gear to slip out of the synchronization.

The transmission then changes to limp-home mode.

Remedy

You must try to reproduce this concern:

- Move transmission to operating temperature
- Block 8th gear using M-program
- Accelerate the vehicle with wide open throttle from 80 mph. (Please always follow your local traffic rules and restrictions.)
- Repeat procedure 5x - after 5 jumps in speed a fault message is shown?
- Attach new data after test drive (EEPROM, quick test)

If the concern persists, contact Product Technical Support.

If the concern no longer occurs, re-adapt the gear cylinders and hand over the vehicle to the customer after a final test drive

Symptoms
Power transmission > Automatic transmission > Function > Limp-home mode

XENTRY TIPS

Power transmission > Automatic transmission > Function > Malfunction
Power transmission > Automatic transmission > Function > No power flow
Power transmission > Automatic transmission > Function > Shifts
Power transmission > Automatic transmission > Function > Electrical fault/Fault code
Power transmission > Automatic transmission > Function > Shifting is not performed or is delayed
Power transmission > Automatic transmission > Function > Poor shift quality

Control unit/fault code	
Control unit	Fault text
Y3/14n4 - Transmission control for 8-speed dual-clutch transmission (DKG)	P284E00 - Shift fork B moves unprompted. The following test procedure must always be performed in its entirety.

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note