

Adapted shift adaptation for MODELS with TRANSMISSION 724.2

Topic number	LI27.00-P-060903
Version	2
Function group	27.00 - General
Date	6/20/24
Validity	MODEL 205, 212 and 222 with TRANSMISSION 724.2 (CODE 427)
Reason for change	add 253 and 166

Complaint

Complaints about shift quality in vehicles of MODEL 205, 212 and 222 with TRANSMISSION 724.2.

Cause

If the shift adaptation is not performed as described under "Remedy", the adaptation values may not be saved correctly under certain circumstances.

Remedy

In vehicles of MODEL 205, 212 and 222 with TRANSMISSION 724.2, it must be ensured that the adaptation of the shifts is performed only as described below.

- Acceleration upshifts may only be adapted in transmission mode "S"
- Acceleration downshifts may only be adapted in transmission mode "S"
- Coast down shifts may only be adapted in transmission mode "E"

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

Symptoms
Power transmission > Automatic transmission > Function > Malfunction
Power transmission > Automatic transmission > Function > Engaging process
Power transmission > Automatic transmission > Function > Shifts

Power transmission > Automatic transmission > Function > Shudders
Power transmission > Automatic transmission > Function > Shifting is rough
Power transmission > Automatic transmission > Function > Shifting is not performed or is delayed
Power transmission > Automatic transmission > Function > Poor shift quality

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