

## Model series 223 - Jolting in e-mode at 25-40 mph

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Topic number	LI27.60-P-078998
Version	1
Function group	27.60 - Gearshift, control
Date	3/6/25
Validity	Model series 223 with M177 and code ME10
Reason for change	

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### Complaint

Noticeable jolting from transmission in e-mode between 25-40 mph, mainly noticeable in deceleration

### Cause

Lack of adaptation of the 5-4 gearshift; primarily occurs after fully integrated transmission control SW update

### Remedy

- Check transmission oil level with transmission oil temperature > 140°F (60°C)
- Flush valves
- Perform stationary adaptation

A driving adaptation of the 5-4 gearshift must then be performed as follows:

- Slippery drive program
- Show torque in instrument cluster
- Do not shift via paddle
- Deceleration downshift 5-4

Torque between -90 and -15 Nm

Rotational speed max 1,300 rpm

### 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

# XENTRY Tips

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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 > Shifts				
Power transmission > Automatic transmission > Function > Poor shift quality				
Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note