

## 167 MOPF, 254, 206, 214, 236 with M254 and 725.1 with Harsh 5to4 downshift

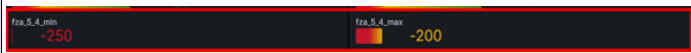

Topic number	LI27.60-P-079968
Version	1
Function group	27.60 - Gearshift, control
Date	11/4/25
Validity	167 MOPF, 254, 206, 214, 236 with Engine M254 and Transmission 725.1
Reason for change	

### Complaint

A harsh 5-4 downshift can be felt during deceleration while braking or coasting. It may be mistaken for a hard brake engagement

### Cause

Poor learning of brake B06 adaptation values over time.

Attachments	
File	Description
<a href="#">Füllzeit_Fillingtime.png</a>	Filling Time
	
<a href="#">Momentenadaption_Torque-Adaptation.png</a>	Torque Adaptation
	

### Remedy

#### Short-term remedy:

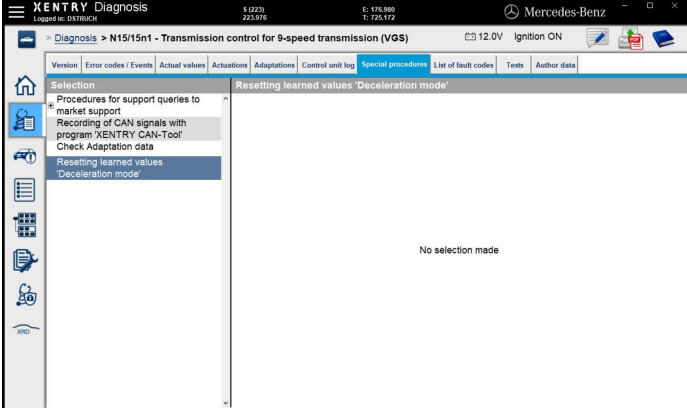
1. Perform IPR and follow the instructions.
2. Perform resetting of deceleration values (VGS > Special Procedures > Special procedure > Resetting learned values Deceleration mode)
3. Perform standard adaptation

4. Reevaluate the concern and release vehicle if no longer present

Note: ALL steps (resetting learned values and standard adaptation) must be completed to fully resolve the complaint.

Long-term measure:

Aftersales software is currently in development.

Attachments	
File	Description
<a href="#">Special procedure-Resetting learned values Deceleration mode.jpg</a>	
	

## 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 > Shifts	
Power transmission > Automatic transmission > Function > Poor shift quality	
Control unit/fault code	
Control unit	Fault text
N15/15 - Transmission control for 9-speed transmission (VGS) (VGS2NAG3M)	-
Operation numbers/damage codes	

# XENTRY Tips

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Op. no.	Operation text	Time	Damage code	Note
			5482S45	