

254 206 214 236 with M254 and 725.1 Harsh 2to1 downshifts with ECO Start/Stop OFF

Topic number	LI27.60-P-079969
Version	1
Function group	27.60 - Gearshift, control
Date	11/4/25
Validity	BR254, 206, 214, 236 with Engine M254 and Transmission 725.1 with ISG48V2
Reason for change	

Complaint

Harsh 2-1 downshifts when coming to a stop with ECO start-stop function turned OFF.

Note: When ECO start-stop is active, the engine is shut off before the 2-1 shift and the complaint will not occur.

Cause

Software application when engine is running.

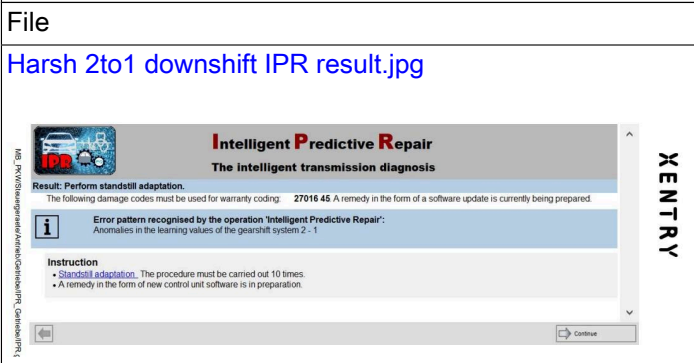
Remedy

Short-term remedy:

Perform IPR and follow the instruction to perform standstill adaptations.

Long-term Solution:

Aftersales software is currently in development.

Attachments	
File	Description
Harsh 2to1 downshift IPR result.jpg 	IPR Instruction

Disclaimer

XENTRY Tips

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