

2024 & 2025 167 with M256.8 Engine Harsh 5to4 shift

Topic number	LI27.60-P-078599
Version	5
Function group	27.60 - Gearshift, control
Date	3/6/25
Validity	MY24 & MY25 167 with 256.8 engine (GLE450, GLS 450, GLE53)
Reason for change	Clarify

Complaint

Harsh 5-4 shift felt while braking, may be mistaken for a harsh brake engagement

Cause

In certain driving scenarios the transmission adaption is recorded at a higher value skewing the learning and leading to harsh engagement of clutches that is felt as a harsh 5-4

Remedy

SW is now available for the Transmission that adjusts the learning to keep adaption values within a proper range

Run through the IPR process for all steps to be available this allows us to gather information without need for TIPS case

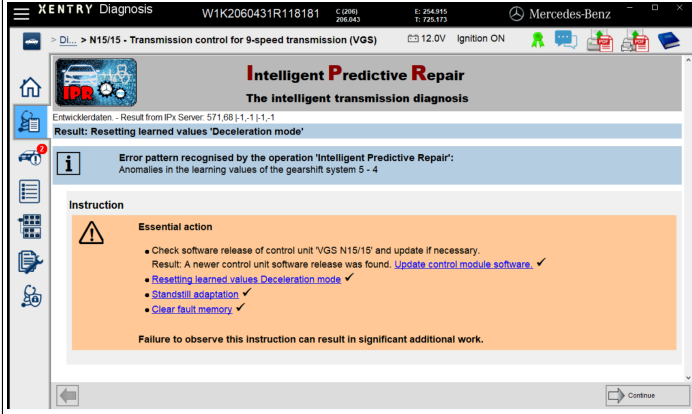
- 1.) Please Install the new transmission SW via Xentry
- 2.) After perform the reset of learned values deceleration mode in VGS Special Procedures Tab
- 3.) Then please perform 5 standstill adaptations in a row
- 4.) Clear all faults
- 5.) Perform final QC test drive & confirm normal operation of all shifts

*** THE ADAPTIONS MUST BE RESET IN ORDER TO STOP REPEAT VISITS ***

As of 03/06/2025 ALL warranty claims must include a print out of the IPR screen showing a check mark next to each required step as an indication that all steps have been completed.

The print out showing completion of these steps must be uploaded to the VEGA warranty claim in order to be approved and paid. See attached example of needed IPR screen

If issues arise during the process, please open a TIPS case

Attachments	
File	Description
ReplID571.png 	Required IPR page for warranty

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 > Engaging process
Power transmission > Automatic transmission > Function > Shifts
Power transmission > Automatic transmission > Function > Shifting is rough
Power transmission > Automatic transmission > Function > Poor shift quality

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