

## GLE53 with 725.1 ISA2 and M256 Shift Quality Complaints During 2to1 Downshifts in Sport Plus (S+)

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Topic number      | LI27.60-P-079970                                                                                                                                                               |
| Version           | 1                                                                                                                                                                              |
| Function group    | 27.60 - Gearshift, control                                                                                                                                                     |
| Date              | 11/12/25                                                                                                                                                                       |
| Validity          | BR167 MOPF with Engine M256M and Transmission 725.1 with ISG48V2 ? only GLE53 AMG.<br><br>Not affected: GLE53e AMG with Transmission 725.1 with Hybrid Powertrain (E-Machine). |
| Reason for change |                                                                                                                                                                                |

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### Complaint

Shift quality complaints when braking during 2-1 coasting downshifts in Sport Plus (S+) drive mode.

### Cause

Software application.

### Remedy

1. Perform IPR and follow the instructions.
2. Perform software update on transmission control unit VGS2NAG3M (N15/15), available since 09/2025.

(New software numbers)

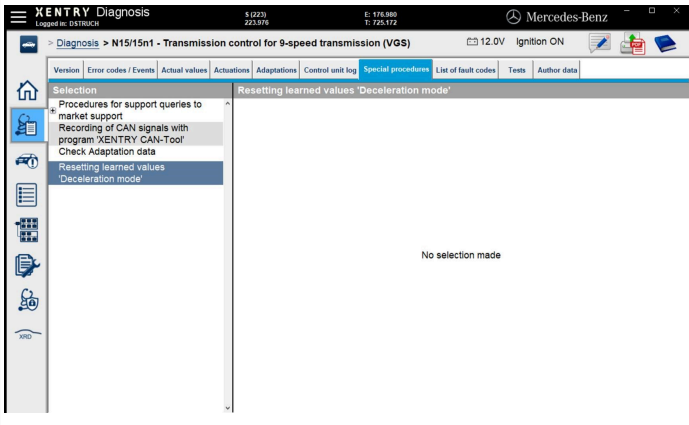
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3. In Xentry, go to transmission control unit under Special Functions > Special Function: Reset Learned Values (Deceleration Mode).
4. Perform standstill adaptation.

#### NOTE:

All steps (software update, resetting learned values, and standard adaptation) must be completed to fully resolve the complaint.

| Attachments                                                                       |             |
|-----------------------------------------------------------------------------------|-------------|
| File                                                                              | Description |
| Special procedure-Resetting learned values Deceleration mode.jpg                  |             |
|  |             |

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