

# Commissioning not possible after replacement of TRANSMISSION 722.9 or of electrohydraulic controller unit (EHS) or of repair kit controller unit (VGS)

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|-------------------|-------------------------------------------------------|
| Topic number      | LI27.19-P-074985                                      |
| Version           | 3                                                     |
| Function group    | 27.19 - Transmission - electrical system              |
| Date              | 7/15/25                                               |
| Validity          | TRANSMISSION 722.9                                    |
| Reason for change | Update to procedure for unavailable 12 06 valve body. |

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## Complaint

Commissioning not possible after replacement of TRANSMISSION 722.9 or of electrohydraulic controller unit (EHS) or of repair kit controller unit (VGS)

## Cause

The wrong older A-code ("Generation EHS") is documented in VeDoc for the newly installed transmission or the newly installed electrohydraulic controller unit (EHS)/repair kit controller unit (VGS).

Old VGS2 hardware A0335457332 (from quick test)

New VGS3 hardware A0034460310 or A0009018008 (from quick test)

## Remedy

Delete the old A-code and redocument the new A-code in VeDoc, then perform commissioning.

A. If Diagnosis at the vehicle is possible:

To determine the correct EHS item number, the currently installed EHS/VGS hardware should be read out first:

In XENTRY Diagnostics via the tab "Control unit view" - "Current quick test" - "Fully integrated transmission control" - "EHS part number".

Order the new EHS with this read-off item number.

DAS:

"Quick test" - "EGS - Electronic transmission control serial number".

Order the new EHS with this read-off serial number.

B. If Diagnosis at the vehicle is no longer possible,

The number must be read off directly from the EHS, and the ordering process must be initiated using this number.

Exception: For engine 629 with transmission 722.9, EHS A220 270 24 06 must be installed.

Read-off part number is A 220 270 12 06

In this case, the following must be observed for making a correct order:

Exclusively for model 219.356, 171.456 with transmission 722.906 up to and including model year 2005 (code 805)

A 220 270 12 06 is no longer available --> Please install EHS A220 270 27 06 and document A92 in Vedoc

If this does not work, please open a TIPS case and provide both the original EHS part number/A code and new EHS part number/A code

Read-off part number + old A-code in VeDoc --> EHS item number and new A-code ("Generation EHS")

J valve body plate with VGS3 old A-code A28/A29:

A2202701306 + code A28/A29 --> A2202702706, delete code A28/A29 and document A92 in VeDoc

A2202701406 + code A28/A29 --> A2202702706, delete code A28/A29 and document A92 in VeDoc

A2202701206 + code A28/A29 --> A2202702706 delete code A28/A29 and document A92 in VeDoc

O valve body plate with VGS3 old A-code A45:

A2202701206 + code A45 --> A2202702906, delete code A45 and document A94 in VeDoc

A2202701406 + code A45 --> A2202702906, delete code A45 and document A94 in VeDoc

A2202702106 + code A45 --> A2202702906, delete code A45 and document A94 in VeDoc

P valve body plate with VGS3 old A-code A46:

A2202701906 + code A46 --> A2202703006, delete code A46 and document A97 in VeDoc

A2202702206 + code A46 --> A2202703006, delete code A46 and document A97 in VeDoc

N valve body plate with VGS3 old A-code A39:

A2202701206 + code A39 --> A2202703106, delete code A39 and document A95 in VeDoc

A2202701406 + code A39 --> A2202703106, delete code A39 and document A95 in VeDoc

A2202701806 + code A39 --> A2202703106, delete code A39 and document A95 in VeDoc

M valve body plate with VGS3 old A-code A38:

A2202701406 + code A38 --> A2202703206, delete code A38 and document A96 in VeDoc

A2202701906 + code A38 --> A2202703206, delete code A38 and document A96 in VeDoc

K valve body plate VGS3 with old A-code A30:

Old A-code A30 --> delete code A30 and document A93 in VeDoc

N valve body plate VGS3 with old A-code A27:

Old A-code A27 --> delete code A27 and document A95 in VeDoc

## 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 > Malfunction                                            |                |      |             |      |
| Power transmission > Automatic transmission > Function > Electrical fault/Fault code                            |                |      |             |      |
| Power transmission > Automatic transmission > Drive position selection > Function > Electrical fault/Fault code |                |      |             |      |
| Operation numbers/damage codes                                                                                  |                |      |             |      |
| Op. no.                                                                                                         | Operation text | Time | Damage code | Note |