

## Model Year 2021-2023 S-Class 223 with code 490 eSuspension - Harsh Shift Feeling followed immediately by Instrument Cluster Light for "Suspension Malfunction" AND DTC P0AFB00 in A79/8 or U013287 B210A00 in M67/X

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Topic number	LI32.50-P-079304
Version	1
Function group	32.50 - Active Body Control (ABC)
Date	5/13/25
Validity	Model Year 2021-2023 - 223 with code 490 (eSuspension)
Reason for change	

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### Complaint

Harsh shift feeling followed immediately by "Suspension Malfunction" on instrument cluster and accompanied by either:

P0AFB00 in A79/8 OR  
U013287 B210A00 in M67/X

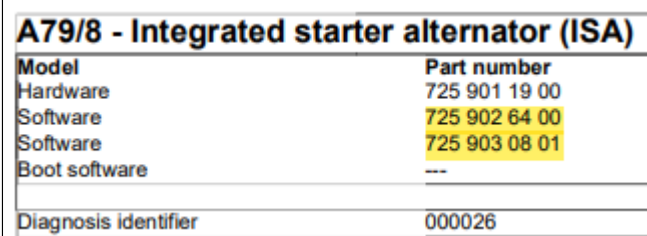
### Cause

Software timing with 48V and suspension systems.

### Remedy

Update the Integrated Starter Alternator control unit (A79/8) software. Note that A79/8 has two listed software numbers on the quick test, updating the control unit should update the pair to the following combinations (example attached for software number locations):

- A7259026400 and A7259030801
- A7259026700 and A7259031401
- A7259026800 and A7259031601

Attachments															
File	Description														
<a href="#">ISA Software Number Locations.png</a>															
 <table border="1"><thead><tr><th colspan="2">A79/8 - Integrated starter alternator (ISA)</th></tr><tr><th>Model</th><th>Part number</th></tr></thead><tbody><tr><td>Hardware</td><td>725 901 19 00</td></tr><tr><td>Software</td><td>725 902 64 00</td></tr><tr><td>Software</td><td>725 903 08 01</td></tr><tr><td>Boot software</td><td>---</td></tr><tr><td>Diagnosis identifier</td><td>000026</td></tr></tbody></table>		A79/8 - Integrated starter alternator (ISA)		Model	Part number	Hardware	725 901 19 00	Software	725 902 64 00	Software	725 903 08 01	Boot software	---	Diagnosis identifier	000026
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## 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				
Chassis/suspension > Suspension/Dampening > Suspension System Function > Absorber hard				
Chassis/suspension > Suspension/Dampening > Suspension System Function > Suspension too hard				
Chassis/suspension > Suspension/Dampening > Suspension System Function > Indicator lamp is on				
Chassis/suspension > Suspension characteristic > Adjustment too hard				
Chassis/suspension > Suspension/Dampening > AIRMATIC > Function > Hard damping				
Power transmission > Manual transmission > Automated Manual Transmission, Sequentronic ASG > Function > Shifts hard				
Power transmission > Automatic transmission > Function > Shifting is rough				
Chassis/suspension > Suspension/Dampening > Active body control > Display message > -ABC- Malfunction				
Chassis/suspension > Suspension/Dampening > Active body control > Function > Regulates without obvious cause				
Power transmission > Automatic transmission > Function > Poor shift quality				
Control unit/fault code				
Control unit		Fault text		
M67/3 - Electrohydraulic controller unit RIGHT REAR (EHSE) (MPU167RR)		B210A00 - The power supply in the system is too low. _ U013287 - Communication with control unit "Suspension" has a malfunction. The message is missing.		
M67/2 - Electrohydraulic controller unit LEFT REAR (EHSE) (MPU167RL)		B210A00 - The power supply in the system is too low. _ U013287 - Communication with control unit "Suspension" has a malfunction. The message is missing.		
M67/1 - Electrohydraulic controller unit RIGHT FRONT (EHSE) (MPU167FR)		B210A00 - The power supply in the system is too low. _ U013287 - Communication with control unit "Suspension" has a malfunction. The message is missing.		
M67 - Electrohydraulic controller unit LEFT FRONT (EHSE) (MPU167FL)		B210A00 - The power supply in the system is too low. _ U013287 - Communication with control unit "Suspension" has a malfunction. The message is missing.		
N129 - Integrated starter alternator (ISA) (ISG48V2)		P0AFB00 - The power supply of the high-voltage on-board electrical system is too high. _		
Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note

