

Vehicles with 725.1 (NAG3 Mopf) Transmission - Check Engine Light with P084300 Oil pressure sensor 'A' has a short circuit to positive stored in VGS control unit.

Topic number	LI27.19-P-080219
Version	1
Function group	27.19 - Transmission - electrical system
Date	2/13/26
Validity	All models with the 725.1 (NAG3 Mopf) transmission
Reason for change	

Complaint

Check engine light on with the following fault is current in the VGS Control Unit:

P084300 Oil pressure sensor 'A' has a short circuit to positive stored in VGS control unit.

Cause

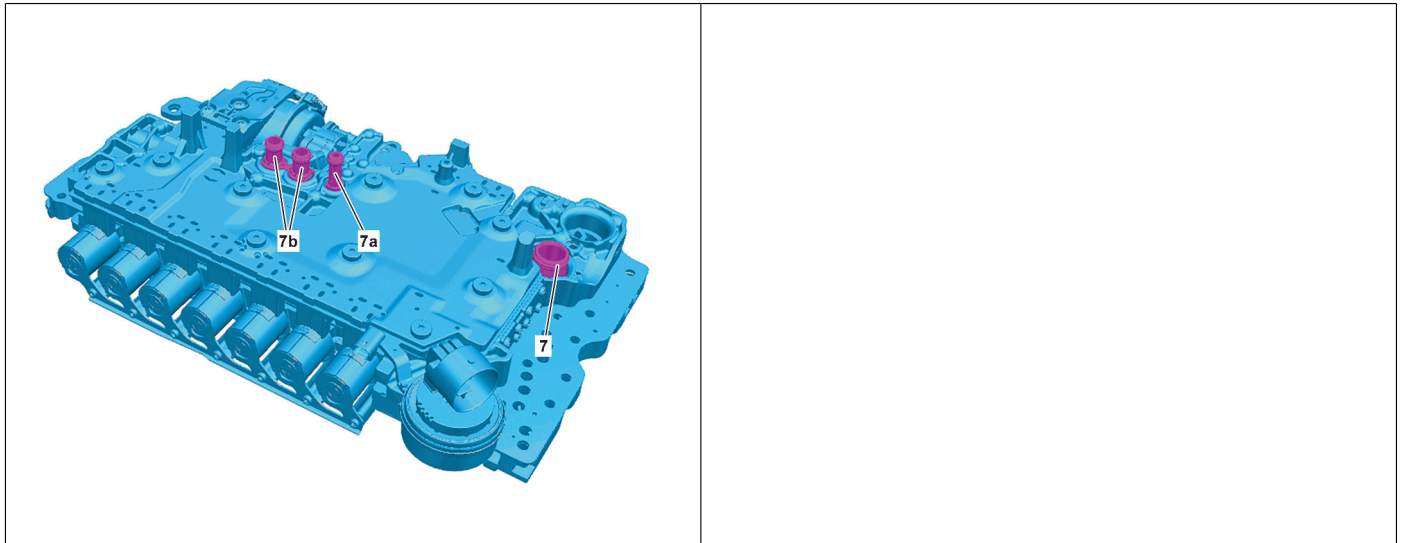
Electrical failure of oil pressure sensor integrated into VGS Control Unit

Remedy

Intelligent Predictive Repair (IPR) recognizes this fault pattern and will provide the necessary repair suggestion.

1. Perform IPR and follow the recommended procedures
2. Replace complete EHS valve body, fill to near max fluid level, & complete initial start-up
 - Ensure all oil guide pipes are installed in the new valve body to prevent a new concern after replacement.

Attachments	
File	Description
725.1 AND 725.0 AMG Oil Guide Pipes.jpg	Locations of guide pipes on valve body



WIS-References		
Document number	Title	Note
AR27.19-P-0211WEE	Remove/install electrohydraulic controller unit	Ensure all oil guide pipes are installed in the new valve body to prevent a new concern after replacement

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 > Electrical fault/Fault code				
Power generation > Engine management > Indicator lamp > Engine diagnosis > lit				
Control unit/fault code				
Control unit		Fault text		
N15/15 - Transmission control for 9-speed transmission (VGS) (VGS2NAG3M)		P084300 - Oil pressure sensor 'A' has a short circuit to positive. _		
Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note