

## Malfunction Due To Dirt In The Electrohydraulic Suspension (eABS/eSuspension)

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Topic number	LI32.50-P-075055
Version	1
Function group	32.50 - Active Body Control (ABC)
Date	7/11/22
Validity	Model series 167, 223 with SA 490/eABC
Reason for change	

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### Complaint

Malfunction due to the ingress of dirt during the repair of the hydraulic system.

### Cause

Cleaning instructions in WIS are not being sufficiently observed.

This can result in dirt entering the hydraulic system of the vehicle or the filling unit.

In subsequent filling/emptying procedures, the dirt is then transferred to another vehicle.

### Remedy

Before removing/replacing an electrohydraulic pump unit or the associated hydraulic lines, as well as when removing the electrohydraulic suspension struts, it is essential to thoroughly wash the underbody.

If the dust cap is missing/defective and if the filling valve in the interior is contaminated, the surrounding area must be cleaned thoroughly.

The filling valve and the dust cap must be replaced after emptying the system (-> see WIS references in the attachment).

The WIS work instructions and WU default values are being expanded accordingly.

WIS-References		
Document number	Title	Note
ar32.50-p-0009-01s	Remove/install service connection at the shock absorber of the electrohydraulic suspension	if the dust cap is missing, the service connection/connection fitting including the dust cap must be replaced.
ar32.50-p-0009-01me	Remove/install service connection at the shock absorber of the electrohydraulic suspension	if the dust cap is missing, the service connection/connection fitting including the dust cap must be replaced.

# XENTRY TIPS

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## Symptoms

Chassis/suspension > Suspension/Dampening > Suspension System Function > Oil loss

Chassis/suspension > Suspension/Dampening > Active body control > Leakage > Oil leaks

## Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0003280000			CONNECTION FITTING front left and right	1	if the dust cap is missing, the corresponding connection fitting and the dust cap must be replaced	X
A0003280000			CONNECTION FITTING front left and right	1	if the dust cap is missing, the corresponding connection fitting and the dust cap must be replaced	X
A0003230401			DUST CAP front left and right	2	if the dust cap is missing, the corresponding connection fitting and the dust cap must be replaced	X

## Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			32c0d	
			32r0d	
			32w03	
			32h03	