

Malfunction Due To Dirt In The Electro-hydraulic Suspension (eSuspension)

| | |
|-------------------|--|
| Topic number | LI32.50-P-075055 |
| Version | 1 |
| Function group | 32.50 - Active Body Control (ABC) |
| Date | 7/14/22 |
| Validity | Model series 167, 223 with SA 490/eABC |
| Reason for change | |

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/damaged 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

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 | |
