

Suspension Display Message - eSuspension

Topic number	LI32.40-P-072070
Version	1
Function group	32.40 Hydropneumatic suspension
Date	12-18-2020
Validity	Model series 167 with SA code 489/Airmatic and with SA code 490/eSuspension. Except AMG model designations.
Reason for change	
Reason for block	

Complaint:

Warning display message for eSuspension.

Cause:

Various causes are possible.

Remedy:

A general replacement of eSuspension components - MPE / EHSE (motor pump unit/ electrohydraulic high-pressure pump) or the suspension struts is not useful.

In the event of a display message, create a PTSS case with following attachments:

- Logs for control units N51/8, M67, M67/1, M67/2, M67/3 (Please ensure latest Xentry release with all new AddOns is being used to collect control unit logs).
- Actual values for the pressures of the four hydraulic high-pressure pumps at standstill.

Symptoms
Chassis/suspension / Suspension/Dampening / Active body control / Display message / ABC- Display Faulty Service Required
Chassis/suspension / Suspension/Dampening / Active body control / Display message / ABC - Service Required
Chassis/suspension / Suspension/Dampening / Active body control / Display message / -ABC- Drive carefully
Chassis/suspension / Suspension/Dampening / Active body control / Display message / -ABC- Malfunction

Control unit/fault code		
Control unit	Fault code	Fault text
N51/8 - Active suspension and damping system (Active suspension) (ESPC167)	-	-
M67 - Electrohydraulic controller unit LEFT FRONT (EHSE) (MPU167FL)	-	-

XENTRY TIPS

M67/1 - Electrohydraulic controller unit RIGHT FRONT (EHSE) (MPU167FR)	-	-
M67/2 - Electrohydraulic controller unit LEFT REAR (EHSE) (MPU167RL)	-	-
M67/3 - Electrohydraulic controller unit RIGHT REAR (EHSE) (MPU167RR)	-	-

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 167 320 96 01			Hydraulic pump, right front	1	Replacement of part is not useful, create a TIPS case	X
A 167 320 95 01			Hydraulic pump, left front	1	Replacement of part is not useful, create a TIPS case	X
A 167 320 97 01			Hydraulic pump, left rear	1	Replacement of part is not useful, create a TIPS case	X
A 167 320 98 01			Hydraulic pump, right rear	1	Replacement of part is not useful, create a TIPS case	X
A 167 320 73 03			Left rear shock absorber	1	Replacement of part is not useful, create a TIPS case	X
A 167 320 61 04			Left rear shock absorber	1	Replacement of part is not useful, create a TIPS case	X
A 167 320 74 03			Right rear shock absorber	1	Replacement of part is not useful, create a TIPS case	X
A 167 320 62 04			Right rear shock absorber	1	Replacement of part is not useful, create a TIPS case	X
A 167 320 29 04			Suspension strut, front left and right	2	Replacement of part is not useful, create a TIPS case	X

Validity		
Vehicle	Engine	Transmission
GLE (167)	*	*
GLS (167)	*	*