

Fault message "Vehicle symbol" in instrument cluster

Topic number	LI32.32-P-061172
Version	1
Design group	32.32 Level control with adaptive damping system (ADS)
Date	04-02-2015
Validity	190.377/378
Reason for change	
Reason for block	

Complaint:

Fault message "Vehicle symbol" in instrument cluster (see attachment).

Note:

Possible fault codes in adaptive damping system (ADS) control unit:

B212500 - The power supply of the sensors is outside the valid range

C15461C - The left front acceleration sensor has a malfunction. The voltage value is outside the permissible range.

C154A1C - The right front acceleration sensor has a malfunction. The voltage value is outside the permissible range.

C154E1C - The left rear acceleration sensor has a malfunction. The voltage value is outside the permissible range.

C231705 - The acceleration sensor at the left front wheel has a malfunction. There is a programming error.

C231807 - The acceleration sensor at the right front wheel has a malfunction. There is a mechanical fault.

Attachments	
File	Description
Bild.jpg	Picture of fault message in instrument cluster

Cause:

Adaptive damping system software.

Remedy:

Update adaptive damping system (ADS) software release.

Symptoms
Chassis/suspension / Suspension/Dampening / Suspension System Function / Indicator lamp is on
Communication/information / Information display / Displays / Multifunction display / Multifunction display, error messages / Implausible messages despite properly functioning message systems
Communication/information / Information display / Displays / Multifunction display / Multifunction display, error messages / Due to faulty reporting system

Control unit/fault code		
Control unit	Fault code	Fault text
ADS - Adaptive damping system (N51/5) (SPC197)	B212500	The power supply of the sensors is outside the valid range. _

ADS - Adaptive damping system (N51/5) (SPC197)	C15461C	The left front acceleration sensor has a malfunction. The voltage value is outside the permissible range.
ADS - Adaptive damping system (N51/5) (SPC197)	C154A1C	The right front acceleration sensor has a malfunction. The voltage value is outside the permissible range.
ADS - Adaptive damping system (N51/5) (SPC197)	C154E1C	The left rear acceleration sensor has a malfunction. The voltage value is outside the permissible range.
ADS - Adaptive damping system (N51/5) (SPC197)	C231705	The acceleration sensor on the left front wheel has a malfunction. There is a programming fault.
ADS - Adaptive damping system (N51/5) (SPC197)	C231807	The acceleration sensor on the right front wheel has a malfunction. There is a mechanical fault.

Work units

Op. no.	Operation text	Time	Damage code	Note
			32564 90	

Validity

Vehicle	Engine	Transmission
190.377	*	*
190.378	*	*

Attachments

Bild.jpg:

