

'Airmatic - Service Required' on display. Fault code: 5283 'Correction time when filling central reservoir too long' and/or 5288 'Pressure line system not leaktight'.

Topic number	LI32.22-P-048279
Version	1
Design group	32.22 Air suspension
Date	11-16-2009
Validity	221 without code 487 (ABC)
Reason for change	Compressor relay added under "Parts" heading. / Super-sedes DTB P-B-32.22/75a

Complaint:

'Airmatic - Service Required' on display. Fault code: 5283 and / or 5288 in Airmatic control unit.

The DAS guided tests for the compressor and leaktightness of the pressure lines between compressor, valve unit and central reservoir are passed as "OK" despite stored fault codes.

Cause:

The DAS compressor tests for FC 5283 are different from the compressor test for the Airmatic control unit. As a result, FC 5283 can be stored in the Airmatic control unit and no fault is found during the test with DAS.

FC 5283 and/or 5288 indicate a problem with the Airmatic compressor and/or a leak in the pressure line between Airmatic compressor and valve unit or valve unit and central reservoir.

Remedy:

Perform guided test with DAS version 02/09.

Note:

The tests for guided troubleshooting have been adjusted accordingly with the publication of DAS version 02/09.

Note:

If the guided tests for the compressor and for the leaktightness of the pressure lines between compressor, valve unit and central reservoir are performed, treat the pressure line between compressor and valve unit and the line between the valve block and central reservoir with leak detector spray.

Spray on the leak detector spray while the pressure lines are pressurized with air.

Symptoms
Suspension System Function / Chassis/suspension / Indicator lamp is on / Suspension/Dampening /
Air Suspension - Service Required / AIRMATIC / Chassis/suspension / Suspension/Dampening / AIRMATIC display /
Lights up / AIRMATIC / Chassis/suspension / Suspension/Dampening / AIRMATIC indicator lamp /

Control unit/fault code		
Control unit	Fault code	Fault text
AIRmatic (LF3)	5283	Recovery time during filling of central reservoir is too long.
AIRmatic (LF3)	5288	The pressure line system leaks.

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Non-EPC
A2213201704			Air suspension compressor	1	Only replace if the compressor test in DAS is failed.	X	
A2213270945			Compressed air line, compressor to valve unit	1	Only replace if a leak was found in the compressed air line with leak detector spray.	X	
A2213271645			Pressure line, compressor to reservoir	1	Only replace if a leak was found in the compressed air line with leak detector spray.	X	
A0025427619			Compressor relay	1	In the event of compressor replacement, the Airmatic relay must always be replaced at the same time.	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
32-0640	CHECK SUSPENSION SYSTEM (AF-TER QUICK TEST)		32671 53	Refer to Warranty Matrix via Netstar - VMI - Enter VIN – DTB / LI - Find Document Number - “Related Warranty Information” link OR “Print Warranty Information” link