

AIRMATIC Fault Message In Instrument Cluster

Topic number	LI32.33-P-070817
Version	3
Function group	32.33 - Ground clearance compensator (NR/ENR)
Date	1/13/23
Validity	Model series 213 crewbus, without code 489 (AIRMATIC), Model series 213 with code 489 (AIRMATIC) Model series 253 with code 489 (AIRMATIC) Model series 205 with code 489 (AIRMATIC)
Reason for change	Model series 293 added.

Complaint

- AIRMATIC fault message in instrument cluster
- Compressor inoperative, 40A compressor fuse possibly triggered.
- Vehicle level is not adjusted correctly, the vehicle possibly leans at an angle

Cause

Moisture in the compressor freezes at temperatures below zero and may block the compressor.

As a result, the starting current when the compressor starts up is too high.

Fuse is triggered

Remedy

Replace compressor, fuse, and relay.

Update software and SCN coding.

Please invoice the case using damage code 32671 73.

Addition: Unscrew pressure line between compressor and valve block and check for moisture.

If there is moisture in the pressure line, it can be assumed that there is also moisture in the AIRMATIC valve block.

Replace AIRMATIC valve unit.

Blow out pressure line with compressed air.

Replace intake hose of compressor.

XENTRY TIPS

Important: Perform a software update.

If new software is not available, always perform SCN coding!

Symptoms
Chassis/suspension > Suspension characteristic > Lopsided/crooked
Chassis/suspension > Suspension characteristic > Under stress at rear axle
Chassis/suspension > Suspension/Dampening > Suspension System Function > Vehicle level too low
Chassis/suspension > Suspension/Dampening > Suspension System Function > Level does not react
Chassis/suspension > Suspension/Dampening > Suspension System Function > Indicator lamp is on
Chassis/suspension > Suspension/Dampening > AIRMATIC > Function > Vehicle is too low
Chassis/suspension > Suspension/Dampening > AIRMATIC > Display message > Display Defective - Service Required
Chassis/suspension > Suspension/Dampening > AIRMATIC > Display message > Air Suspension - Service Required
Chassis/suspension > Suspension/Dampening > Electronic level control ENR > Malfunction
Chassis/suspension > Suspension/Dampening > Electronic level control ENR > Regulates without obvious cause
Chassis/suspension > Axle > Rear axle > Function > Under stress

Control unit/fault code	
Control unit	Fault text
N51/3 - AIR BODY CONTROL (SPC213)	C156213 - Actuation of the compressor has a malfunction. There is an open circuit.
	C156200 - Actuation of the compressor has a malfunction. _
	C155E13 - The pressure relief valve for system pressure has a malfunction. There is an open circuit.
	C155E1F - The pressure relief valve for system pressure has a malfunction. There is a sporadic fault.
	C156784 - The left front vehicle level is outside the tolerance. There is a signal below the permissible limit value.
	C156684 - The left rear vehicle level is outside the tolerance. There is a signal below the permissible limit value.
	C156984 - The right front vehicle level is outside the tolerance. There is a signal below the permissible limit value.
	C156884 - The right rear vehicle level is outside the tolerance. There is a signal below the permissible limit value.
	C156C00 - System 'Compressed air distribution' is leaky. _
	C157200 - The correction time when filling is too long. _

XENTRY TIPS

	C220C04 - There is an internal fault in control unit "Suspension". There is an internal fault. C220C01 - There is an internal fault in control unit "Suspension". There is a general electrical fault.
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Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			32 671	Please code to damage type 73.