

Fault entry in AIRMATIC or ABC control unit

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Version	1
Design group	32.00 General
Date	11-18-2014
Validity	217.377/ 378/ 379 222.077/ 177/ 178/ 179
Reason for change	
Reason for block	

Complaint:

Fault entry in AIRMATIC or ABC control unit

Note:

Fault code in vehicles with AIRMATIC: U042700 "Implausible data were received from the electronic ignition lock".
 Fault code in vehicles with ABC: P164455 "An incorrect variant coding or configuration was detected".

Cause:

OK fault entry caused by AIRMATIC or ABC software

Remedy:

If there is no malfunction and if no fault message is displayed in the instrument cluster, the fault can be ignored.
 A software solution is being prepared. The document will be updated accordingly as soon as the software is available.

Symptoms
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC noise / Whistling/hissing/flowing
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC noise / Loud compressor
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC noise / Thumping/rumbling
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC noise / Grunting
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC leaks / Air leakage
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC function / Hard damping
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC function / Soft damping
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC function / Damper hardness adjustment non-functional
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC display / Display Defective - Service Required
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC display / Air Suspension- Stop, Vehicle Too Low
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC display / Air Suspension - Service Required
Chassis/suspension / Suspension/Dampening / Active body control / ABC display / ABC- Display Faulty Service Required
Chassis/suspension / Suspension/Dampening / Active body control / ABC display / ABC-Stop, Vehicle Too Low

Chassis/suspension / Suspension/Dampening / Active body control / ABC display / ABC - Service Required
Chassis/suspension / Suspension/Dampening / Active body control / ABC Noise / Grunting
Chassis/suspension / Suspension/Dampening / Active body control / ABC Noise / Thumping/rumbling
Chassis/suspension / Suspension/Dampening / Active body control / ABC Noise / Whistling/hissing/flowing
Chassis/suspension / Suspension/Dampening / Active body control / ABC Noise / Tandem pump
Chassis/suspension / Suspension/Dampening / Active body control / ABC Function / Vehicle too high
Chassis/suspension / Suspension/Dampening / Active body control / ABC Function / Vehicle too low
Chassis/suspension / Suspension/Dampening / Active body control / ABC Function / Vehicle is lopsided
Chassis/suspension / Suspension/Dampening / Active body control / ABC Function / Vehicle lowers
Chassis/suspension / Suspension/Dampening / Active body control / ABC Function / Vehicle rises
Chassis/suspension / Suspension/Dampening / Active body control / ABC leaks / Oil leaks
Overall vehicle / Networking / Diagnosis/software / Current problems
Chassis/suspension / Suspension/Dampening / Active body control / ABC display / -ABC- Drive carefully
Chassis/suspension / Suspension/Dampening / Active body control / ABC display / -ABC- Malfunction
Chassis/suspension / Suspension/Dampening / Active body control / ABC display / -ABC- Malfunction
Chassis/suspension / Suspension/Dampening / Active body control / ABC display / -ABC- Vehicle rising Please wait a moment
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC function / Vehicle is lopsided
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC function / Vehicle is too high
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC function / Vehicle is too low
Chassis/suspension / Suspension/Dampening / Active body control / ABC Function / Damper hardness adjustment nonfunctional
Chassis/suspension / Suspension/Dampening / Active body control / ABC Function / Hard damping
Chassis/suspension / Suspension/Dampening / Active body control / ABC Function / Soft damping
Chassis/suspension / Suspension/Dampening / Active body control / ABC Function / Regulates without obvious cause
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC indicator lamp / lit
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC function / Vehicle lowers while driving

Control unit/fault code		
Control unit	Fault code	Fault text
ABC - ABC (N51/2) (ABC222)	P164455	An incorrect variant coding or configuration was detected. The component is not configured.
AIRMATIC - AIRMATIC (N51/3) (SPC222)	U042700	Implausible data were received from the electronic ignition lock. _

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

XENTRY

Validity		
Vehicle	Engine	Transmission
217.377	*	*
217.378	*	*
217.379	*	*
222.077	*	*
222.177	*	*
222.178	*	*
222.179	*	*