

Fault entry in AIRMATIC or ABC control unit

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| Topic number | LI32.00-P-060259 |
| Version | 2 |
| Design group | 32.00 General |
| Date | 12-05-2014 |
| Validity | 217.377/ 378/ 379 222.077/ 177/ 178/ 179 217.382 with SA code 487 (ABC suspension) 222.082/182 with SA code 487 (ABC suspension) |
| Reason for change | Production model designation with SA code 487 (ABC suspension) added |
| 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.

Note:

In vehicles with ABC suspension the fault is not displayed with Xentry version 12/2014.

| Symptoms |
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| 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 |

XENTRY

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| 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 |
| 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 | * | * |
| 217.382 | * | * |
| 222.077 | * | * |
| 222.082 | * | * |
| 222.177 | * | * |
| 222.178 | * | * |
| 222.179 | * | * |
| 222.182 | * | * |