Technical Service Bulletin

69 Airbag lamp on; upper limit of side airbag exceeded


<table>
<thead>
<tr>
<th>Model(s)</th>
<th>Year</th>
<th>VIN Range</th>
<th>Vehicle-Specific Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3</td>
<td>2006</td>
<td>000001 - 168831</td>
<td></td>
</tr>
<tr>
<td>A4</td>
<td>2002 - 2005</td>
<td>000001 - 999999</td>
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<tr>
<td>A4</td>
<td>2006</td>
<td>000001 - 227246</td>
<td>Not Applicable</td>
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<tr>
<td>A4 Cabriolet</td>
<td>2003 - 2005</td>
<td>000001 - 999999</td>
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<td>A4 Cabriolet</td>
<td>2006</td>
<td>000001 - 011350</td>
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Condition

REVISION HISTORY

<table>
<thead>
<tr>
<th>Revision</th>
<th>Date</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>-</td>
<td>Revised header data (Added DTCs; updated customer codes) Revised Required Parts and Tools (Updated part numbers)</td>
</tr>
<tr>
<td>1</td>
<td>11/17/2008</td>
<td>Initial publication</td>
</tr>
</tbody>
</table>

- The airbag warning lamp is illuminated in the instrument cluster.
- The following sporadic DTCs are stored in the airbag control module, J234 (address word 15):
  - **DTC 01217**: Igniter for side airbag driver’s side -N199- upper limit exceeded
  - **DTC 01218**: Igniter for side airbag passenger side -N200- upper limit exceed

Technical Background

This condition may be caused by sporadic high resistance in the connector between the airbag and seat harness, even though the side airbag system is functioning normally.

Production Solution

The connector under the seat bottom has been eliminated in production. The connector for the side airbag has been optimized for additional clearance.
Service

⚠️ Warning:
Always read and follow Repair Manual warnings, precautions, notes, and tips when working on any airbag system.

Tip: Note, and if necessary, determine the radio code for vehicles equipped with coded anti-theft radio.

1. Disconnect battery ground (GND) strap.


3. Attach airbag adapter VAS 6036 (Figure 1) to seat harness. See “Airbag Adapter VAS 6036, Connecting” for the appropriate seat type in Repair Manual >> Body >> Body Interior >> 72 Seat Frames >> Description and Operation.

   Tip: The adapter must remain connected as long as the seat is removed from the vehicle.

   Tip: The seat must be mounted on the seat mounting rack VAS 6095.

Figure 1. Airbag adapter indicated by yellow arrow.

⚠️ Warning:
Before repairing the seat harness, technicians must ground themselves and the tools to be used by touching the mounting rack. If the repair is interrupted, technicians must ground themselves again before returning to the repair.
Warning:
The airbag unit must not be left unattended.

4. Cut igniter wire 1 (on airbag side) next to airbag connector (Figure 2).

5. Cut igniter wire 1 (on seat harness side) next to airbag connector (Figure 3).

6. Using VAS 1978A wiring repair kit (including crimping tool VAS 1978/1 with VAS 1978/24 insert): Strip wires and splice using a 4-inch section of repair wire (000979010) and 2 butt connectors (111971941A). This allows the harness additional slack.
7. Repeat steps 4, 5, and 6 for igniter wire 2 (Figure 4).

8. Repeat steps 4, 5, and 6, for ground wire 3, crimping one pair of wires at a time until the connector is removed.

⚠️ Note: On some vehicles, the ground wire for the airbag is run outside and along the connector. If this is the case, do not cut the ground wire.


10. Twist repaired wires (Figure 5).
11. Wrap the repair using yellow electrical tape to indicate that the wiring harness has been modified (Figure 6).

![Figure 6. Repaired wires wrapped in electrical tape.]

12. Secure the repaired harness with tie wraps.


14. Switch ignition on.

15. Reconnect battery ground strap (GND).

⚠️ Warning:
Ensure that there are no people inside of the vehicle when reconnecting the battery ground strap.

16. Connect the diagnostic tester. Clear any stored DTCs and verify the repair.

17. Program radio presets if necessary.

18. Check vehicle equipment (radio code, clock, electrical windows) per Repair Manual and/or Owner’s Manual.
Technical Service Bulletin

Warranty

<table>
<thead>
<tr>
<th>Claim Type:</th>
<th>Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service Number:</td>
<td>9766</td>
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<tr>
<td>Damage Code:</td>
<td>0023</td>
</tr>
<tr>
<td>Labor Operations:</td>
<td>Central wiring harness repair 9709 4165 130 TU</td>
</tr>
<tr>
<td>Diagnostic Time:</td>
<td>GFF 0150 0000 Time stated on diagnostic protocol (Max 30 TU)</td>
</tr>
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</table>

Road test prior to service procedure No allowance 0 TU
Road test after service procedure No allowance 0 TU
Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)

Claim Comment: As per TSB #2010144/4

Required Parts and Tools

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Part Description</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>000979940</td>
<td>Butt connector</td>
<td>6</td>
</tr>
<tr>
<td>000979010E</td>
<td>0.5 mm wire</td>
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</tr>
</tbody>
</table>

Additional Information

All parts and service references provided in this TSB (2010144) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.