



Technical Service Bulletin

69 Airbag warning light on, upper limit for front or rear side airbag exceeded

69 12 24 2011667/7 March 12, 2012. Supersedes Technical Service Bulletin Group 69 number 10 – 08 dated August 10, 2010 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2003 – 2007	All	All

Condition

REVISION HISTORY		
Revision	Date	Purpose
7	-	Revised <i>Condition</i> (Updated DTCs) Revised <i>Service</i> (Updated module address word) Revised <i>Warranty</i> (Updated GFF TUs and added affected model years) Revised <i>Required Parts and Tools</i> (Updated suffixes)
6	8/10/2010	Revised header data (Controlling TSB display in ElsaWeb)
5	12/3/2008	Revised Title to include Repair Group

Airbag warning lamp is on in the instrument cluster, and the following sporadic DTC(s) are stored in DTC memory:

- **DTC 01217 001** (Igniter for front side airbag driver's side -N199- Upper limit exceeded)
- **DTC 01218 001** (Igniter for front side airbag passenger side -N200- Upper limit exceeded)
- **DTC 01219 001** (Igniter for rear side airbag driver's side -N201- Upper limit exceeded)
- **DTC 01220 001** (Igniter for rear side airbag passenger side -N201- Upper limit exceeded)



Tip: Over time resistance variance within a side impact airbag connector can cause the airbag warning light on the instrument panel to come on and stay on, even though the side impact airbag system is functioning normally.

Technical Background

May be caused by resistance in the connector between the airbag and seat harness sporadically becoming too high.

Production Solution

Added tin plating to the side airbag cables and to the passenger compartment wiring loom. Also, added a Nyogel coat to the sleeves of the plug contacts.

Service

For left or right rear seat side-airbag:

1. Read the fault memory in the airbag control module (address-word 15). If a DTC entry "igniter for side-airbag upper limit exceeded" is present, proceed as follows:
2. Remove the rear seats bench (lower portion) per repair instructions outlined in ELSA.
3. Remove the yellow airbag connector below the rear seat.

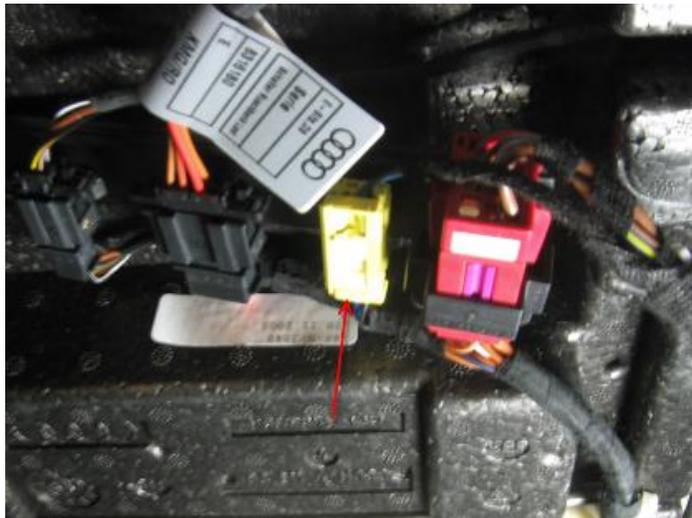


Figure 1. The yellow airbag connector located below the rear seats.

4. Remove approximately 50 mm of protective tape on both ends of the wiring harness. Cut off the wires leading to the yellow connector on both the vehicle wiring harness and the airbag wiring harness in the seat.
5. Install repair cable (**000 979 015 D**) in the new yellow connector housing (**4E0 972 576**). Cut the wire to a length of approximately 50 mm.
6. Install repair cable (**000 979 010 D**) in the new yellow connector housing (**4E0 972 586**). Cut the wire to a length of approximately 50 mm.
7. Connect the new wires to the existing wiring harness using a yellow butt connector (**000 979 940**). Crimp the yellow connector - (Part number **000 979 940**) with VAS pliers **1978/1A** from the repair kit VAS **1978/A**, and heat-shrink the butt connectors using the hot air blower. Begin heating from the center of the butt connector outward.



Tip: Cut and connect one wire at the time. This will prevent connecting the incorrect wire.

The old VAS pliers **1978/1** with the insert VAS **1978/24** can also be used instead of VAS pliers **1978/1A**.

For left front seat side-airbag:

1. Read the fault memory in the airbag control module (address-word 15). If a DTC entry "igniter for side airbag upper limit exceeded" is present, proceed as follows:
2. Partially remove seat. (Loosen seat mounting bolts and tilt seat backwards.)
3. Replace both airbag connectors (male and female sides) for the front seat side airbags with the part numbers listed above and according to the repair instructions described above. (Figure 2)



Figure 2. The yellow airbag connector located beneath the front seats.

For right front seat side-airbag:

1. Read the fault memory in the airbag control module (address-word 15). If a DTC entry "igniter for side airbag upper limit exceeded" is present, proceed as follows:
2. Remove the seat right front seatback cover, and inspect the wiring to N200 for damage due to burrs, a tie wrap cinched too tight, or tension on the harness.
3. If any damage is found in step 2, repair the wire harness, and proceed to step 4.
4. Partially remove seat. (Loosen seat mounting bolts and tilt seat backwards.)
5. Replace both airbag connectors (male and female sides) for the front seat side airbags with the part numbers listed above and according to the repair instructions described above (Figure 2).

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Warning:

Observe the information on the side airbag in ELSA group 69 as well as the safety instructions.

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	6961 left rear side airbag 6962 right rear side airbag 6963 left front side airbag 6964 right front side airbag		
Damage Code:	0040		
Labor Operations:	Remove and install rear seats	7249 1900	20 TU
	Repair wiring harness for airbag on one side	9766 4199	50 TU
	Remove and install rear seats	7249 1900	20 TU
	Repair wiring harness for airbag on both sides	9766 4299	90 TU
	Remove and install one front seat	7201 0999	50 TU
	Repair wiring harness for airbag on one side	9766 4199	50 TU
	Remove and install two front seats	7201 1099	90 TU
	Repair wiring harness for airbag on both sides	9766 4299	90 TU
Diagnostic Time:	GFF	0150 0000	30 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU

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	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 #2011667/7

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Required Parts and Tools

Part Number	Part Description	Quantity
000 979 940	Yellow butt connector	6
4E0 972 586	Yellow airbag connector (female)	1
4E0 972 576	Yellow airbag connector (male)	1
000 979 010 FA	(1 set 5 pieces) yellow repair cables (sleeve) 0.5 mm ² with gold contacts	3
000 979 015 FA	(1 set 5 pieces) yellow repair cables (pin) 0.5mm ² with gold contacts	3

Additional Information

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