

Technical Service Bulletin



74 Seat pneumatics system activates without driver input

74 14 20 2035757/3 June 2, 2014. Supersedes Technical Service Bulletin Group 74 number 14-17 dated February 21, 2014 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7	2012 - 2013	All	Not Applicable
A8	2011 - 2013	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Service</i> (Added new SVM code for A6 and A7)
2	2/21/2014	Revised <i>Service</i> (Added second SVM update for A6 and A7) Revised <i>Warranty</i> (Removed labor operation)
1	11/15/2013	Initial publication

- Customer may complain that the seat pneumatics (side bolsters and lumbar support) actuate without any input from the customer.
- This condition can occur when the vehicle is driven at high altitudes or when the outside temperature fluctuates.
- One or more of the following DTCs may be present in the front seat pneumatics control modules, J873 and J872 (address words 88 and 89) or in the rear seat pneumatics control modules (in certain A8 models only), J875 and J874 (address words 8A and 8D):
 - **DTC B11C8F0:** Leak detected Lumbar support 1
 - **DTC B11C8F1:** Leak detected Lumbar support 2
 - **DTC B11C8F2:** Leak detected Lumbar support 3
 - **DTC B11C8F3:** Leak detected Left side bolster
 - **DTC B11C8F4:** Leak detected Right side bolster
 - **DTC B11C8F5:** Leak detected Left seatback side bolster
 - **DTC B11C8F6:** Leak detected Right seatback side bolster
- No leak is present.

Technical Background

There is a software issue in the seat pneumatics control modules that causes the seat pneumatics to automatically actuate in high altitudes (change in air pressure) or in fluctuating temperatures in order to maintain pressure.

Production Solution

Changed software parameters in the seat pneumatics control modules.

Service

1. Update the seat pneumatic control modules, J872 and J873 (and J874 and J875, if available), using the SVM action code listed in the table below, if necessary. Follow all instructions in TSB 2011732, *00 Software Version Management (SVM), operating instructions*.

ⓘ Note:

For A6 and A7 vehicles with GENERATION 1 system (Figure 1), perform **BOTH** updates (88A002 first, then 88A003).

For A8 vehicles, update the 88/89 address codes with SVM code 88A003 only.



System identification	Part number	Software version
IVB ←	4H0907182H	0042

Figure 1. GENERATION 1 system (red arrow).

For A6 and A7 vehicles with GENERATION 2 system (Figure 2), if the customer is unhappy with the seat pneumatics operation as described in the *Technical Background*, update the 88/89 address codes with SVM code 88A004.



System identification	Part number	Software version
P2G ←	4G8881073	0032

Figure 2. GENERATION 2 system (red arrow).

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Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version	SVM Code Input
A8	Not Applicable	0042	Not Applicable	0042 - New parameters only	88A003
A6, A7	Not Applicable	0042	Not Applicable	0042 - New parameters only	Use 88A002, THEN 88A003
A6, A7 (GEN 2 only)	Not Applicable	0032	Not Applicable	0032 – New parameters only	88A004



Tip: The SVM code is not changing the software version. It is only changing the parameterization (Figure 3).

The following changes determined by Software Version Management (SVM) have been performed:

Parameter settings:

88 - Multi contour seat driver's side:
4H0909880D ; 0019; 00000000000000000000000213 ->
4H0909880XD; 0001; 00000000000000000000000213

89 - Multi contour seat driver's side:
4H0909881D ; 0019; 00000000000000000000000213 ->
4H0909881XD; 0001; 00000000000000000000000213

Figure 3. The parameter being changed from D to XD.

- After the SVM code is performed, one DTC will be set for each control module (Figure 4). Clear the DTCs before finalizing the procedure.

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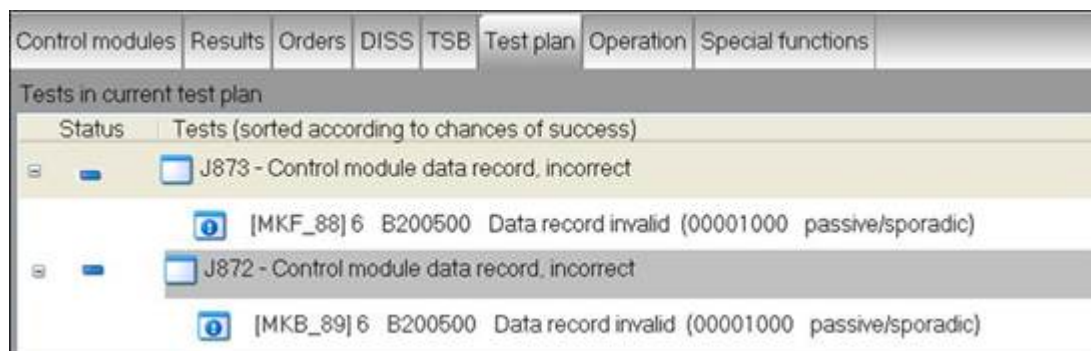


Figure 4. Example of DTC set for the control module after SVM code is performed.

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	7232		
Damage Code:	0040		
Diagnostic Time:	Perform software update via SVM	0150 0000	Time stated on diagnostic protocol (50 TU Max)
	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 #2035757/3		

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.

Additional Information

The following Technical Service Bulletin will be necessary to complete this procedure:

- TSB 2011732 *00 Software Version Management (SVM), operating instructions*.

All part and service references provided in this TSB (2035757) are subject to change and/or removal. Always check with your Parts Dept. and service manuals for the latest information.