



Technical Service Bulletin

00 "Invalid Data Record" DTC stored in ECU

00 16 84 2037949/2 October 10, 2016. Supersedes Technical Service Bulletin Group 00 number 14-66 dated July 30, 2014 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All	2008 - 2019	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (added models and model years)
1	07/30/2014	Initial publication

A DTC with the description "Invalid Data Record" is stored after a control unit has been replaced or updated.

Technical Background

This DTC is normal after replacing a control module or after updating the control module software. This DTC indicates the parameter data has not been properly programmed into the Electronic Control Unit (ECU) by SVM. Without the correct parameter data the control unit cannot function properly in the vehicle.

Production Solution

Not applicable.

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Service

The DTC can only be cleared if the parameter data is programmed into the ECU using SVM.
Parameter data can only be programmed by SVM.

- 1 If there is no GFF test plan for the DTC, execute an SVM specified vs. actual comparison or SVM check module configuration.
- 2 If SVM does not provide a response with updated parameter data (“parameterization”), search for any applicable TSBs with an SVM exchange code. The code can also be listed in ETKA under the “Remarks” section for the specific part, or at the top of the illustration page in the “Name” section description. SVM exchange codes typically follow the format of “XCHGDAA001”, where “DA” is the diagnostic address of the control unit. For instance, for the B8 S4 14 – damping control unit (J250) (address word 14), the SVM exchange code is XCHG14A001. It is important to note there can be multiple active exchange codes for a single diagnostic address. Reference ETKA and any possible parts bulletins for the correct exchange code.
- 3 If a parts bulletin number is found, open the bulletin to view the code (Figure 1). Some parts bulletins are linked directly in ETKA. The user can simply click on the link to open the bulletin (Figure 2).

DESCRIPTION	REMARK
control unit for electronic regulated damping	
control unit for electronic regulated damping D >> - 02.11.2009	note bulletin: (9-119)

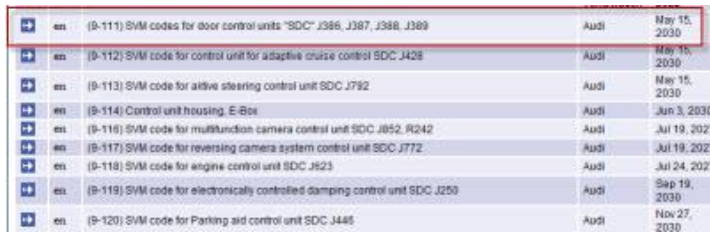
Figure 1. Parts bulletin number listed in ETKA

POS	PART NUMBER	DESCRIPTION	REMARK
		control unit for electronic regulated damping	
12	8K0 907 392 A	bracket for elec.contr. module	
13	N 090 148 6	bolt, hex. hd. (combi.)	M6X15
14	N 901 686 04	speed nut	M6X23,4X16
15	N 015 082 10	shouldered hex. nut	M6
▶ 17	8R0 907 364 C	control unit for electronic regulated damping note bulletin: (9-119)	
18	6Q0 973 047	flat contact housing with contact locking mechanism	47 pin

Figure 2. Linked Parts bulletin in ETKA

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4 If no URL link is provided, then to view the parts bulletin click on the “INFOLINE” tab at the top of the ETKA window (Figure 3). Select the tab titled “Technology” and then click on “GP bulletins”. Scroll down to the applicable parts bulletin number. A second option is using the search feature to find the parts bulletin. When searching, use the parts bulletin number in the “Caption” field by putting the number between parentheses and adding an “*” on the end, e.g. (9-119)* (Figure 4).



Language	Code	Description	Brand	Effective Date
en	(9-111)	SVM codes for door control units "SDC" J386, J387, J388, J389	Audi	May 15, 2030
en	(9-112)	SVM code for control unit for adaptive cruise control SDC J428	Audi	May 15, 2030
en	(9-113)	SVM code for active steering control unit SDC J792	Audi	May 15, 2030
en	(9-114)	Control unit housing, E-Box	Audi	Jun 3, 2030
en	(9-116)	SVM code for multifunction camera control unit SDC J852, R242	Audi	Jul 19, 2027
en	(9-117)	SVM code for reversing camera system control unit SDC J772	Audi	Jul 19, 2027
en	(9-118)	SVM code for engine control unit SDC J823	Audi	Jul 24, 2027
en	(9-119)	SVM code for electronically controlled damping control unit SDC J259	Audi	Sep 19, 2030
en	(9-120)	SVM code for Parking aid control unit SDC J445	Audi	Nov 27, 2030

Figure 3. GP Parts bulletin listings under the INFOLINE tab



Part number Homogenous Parts Group

and/or

Caption:
 Brand:
 Language:
 Mail:

Figure 4. How to search for Parts Bulletins

5 If no parts bulletin or SVM code is provided and the DTC cannot be cleared, then using Guided Functions (right click control unit in GFF and select Guided Functions), select the Replacement Test Plan for the control unit. Not all control units will have this test plan. If there is no replacement test plan available under Guided Functions or if the DTC cannot be cleared, contact TAC.

If the main programming of the module was updated using an SVM code and the DTC cannot be cleared, contact TAC.



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Warranty

This TSB is informational only and not applicable to any Audi Warranty. Replacement of an ECU because of this DTC is not allowed under warranty.

Additional Information

All parts and service references provided in this TSB (2037949) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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