Technical Service Bulletin

91 BCM - Data Record Invalid (DTC B200500)

91 17 40 2047729/1 August 9, 2017.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A5, Q5, and Q7	2017	All	Not Applicable

Condition

Customer concern:

- Not applicable

Workshop Findings:

- During control module configuration of the vehicle electrical system control module, J519 (address word 0009), the SVM states that it cannot be parameterized and ends the test plan
- SVM produces error code ERP0460E and states the transferred F1B1 identifier is not valid
- After a required/actual comparison, a message shows that the data string in the vehicle electrical system control module, J519 (address word 0009) is invalid

The following DTC is logged in vehicle electrical system control module, J519 (address word 0009) (Figure 1):

- **DTC B200500** (Data record invalid)

DTC memory entry

Number:	Data record invalid (B200500)	
Error type 2:	passive/sporadic	
Symptom:	66338	
Status:	00001000	
Standard ambient conditions:	Date:	12/8/16
	Time:	8:11:51 AM
	Mileage:	26
	Priority:	5
	Frequency counter:	1
	Elimination counter / driving cycle:	40

Figure 1. *Invalid DTC.*

Technical Background

Incorrect software.

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Production Solution

Optimized control modules with SW 0267.

Service

1. If the message "invalid data string" appears on the ODIS tester, follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the vehicle electrical system control module, J519 (address word 0009) using the SVM action code as listed in the table below as necessary:

Model	**Old Software Part Number**	**Old Software Version**	**New Software Part Number**	**New Software Version** (or higher)	**SVM Code Input**
A4/A5/Q5/Q7	8W0 907 063 **	0266	8W0 907 063 **	0267	**09A030**

3. Once complete re-run control module configuration to confirm no further actions are needed.

Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9710		
Damage Code:	0039		
Diagnostic Time:	GFF – Checking and clearing fault codes included in existing labor operations	0150 0000	Time stated on diagnostic protocol (Max 40 TU)
	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)		

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Claim Comment:	As per TSB #2047729/1

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 parts and service references provided in this TSB (2047729) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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