

Technical Service Bulletin



53 Vehicle does not start, battery flat DTC stored (DTC U101100)

53 13 02 2034404/1 July 11, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6/A7	2012 - 2013	All	Not Applicable
Q5	2013	All	
A4/S4	2013	A000564 - A999999 N000174 - N999999	
A5/S5	2013	All	
A8	2011 - 2013	All	

Condition

- Customer may report that the vehicle does not start due to a discharged battery.
- **DTC U101100** (supply voltage too low) is stored in the gateway, J533 (address word 19), and/or the electronic parking brake (EPB) control module, J540 (address word 53).
- According to the test plan "19-Read Data Bus Keep-Awake Manager", the EPB control module kept the data bus active for prolonged periods of time.

Technical Background

The EPB switch appears to be permanently operating (applying or releasing the parking brake) due to an internal mechanical issue or because it is jammed or blocked by debris or by a foreign object.

Test plan "19-Read Data Bus Keep-Awake Manager", identifies the EPB control module as keeping the data bus active for prolonged periods of time.

Example of data from test plan "19-Read Data Bus Keep-Awake Manager":

Keep-awake manager in MVB: **XXX**

On **23.09.2013** at **12:33:43** O'clock:

The control module with diagnostic address **53** kept the bus awake for **20.6** hours.

Production Solution

New EPB software prevents discharge of the battery due to a faulty or jammed EPB switch:

- **A8 (D4), A6 (C7), A7 (C7):** Vehicles produced from week 22/2013 new software (SW0014) for EPB control unit with part number 4H0.907.801.G
- **A4 (B8), A5 (B8), Q5 (B8):** Vehicles produced from week 22/2013 new software (SW0004) for EPB control unit with part number 8K0.907.801.M

Service

1. Confirm that the EPB control module, J540 (address word 53), has been identified in test plan “19-Read Data Bus Keep-Awake Manager” as keeping the data bus active for prolonged period of time.
2. Check if the EPB switch is jammed or blocked by debris or by a foreign object.
3. If the EPB switch is not jammed or blocked, replace the EPB switch. Do not replace the EPB control module.

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4662		
Damage Code:	0010		
Labor Operations:	Multimedia display unit remove & reinstall (C7,Q5,A4,A5)	9195 1900	30 TU
	Console remove & install (A8)	6817 1901	130 TU
	Remove and install EPB switch (C7,Q5,A4,A5,A8)	4662 1950	10 TU
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 100 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)		
Claim Comment:	As per TSB #2034404/1		

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.

Required Parts and Tools

Part Number	Part Description	Quantity
Refer to ETKA	Switch for electric-mechanical parking brakes	1

Additional Information

All parts and service references provided in this TSB (2034404) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.