Technical Service Bulletin

Battery dead or low after returning to the vehicle

91 07 13 March 5, 2007, 2014127/1

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6	2007	Up to 4F 7N073265	
A8	2007	Up to 4E 7N010103	Not Applicable
Audi Q7	2007	Up to 4L 7D063347	

Condition

The vehicle battery is or is almost discharged and the Energy Management Control Module J644 indicates an increased static current in order of 700 mA.

Technical Background

Due to a software issue, the Radio R might not enter sleep mode if the ignition is turned off and the radio power remains on.

Production Solution

Software improvement in Model Year 2007.

Service

Evaluate the vehicle battery historical data stored in the Energy Management Control Module J644.

Then go to **61 - Battery control** in Guided Functions and select the following menu:
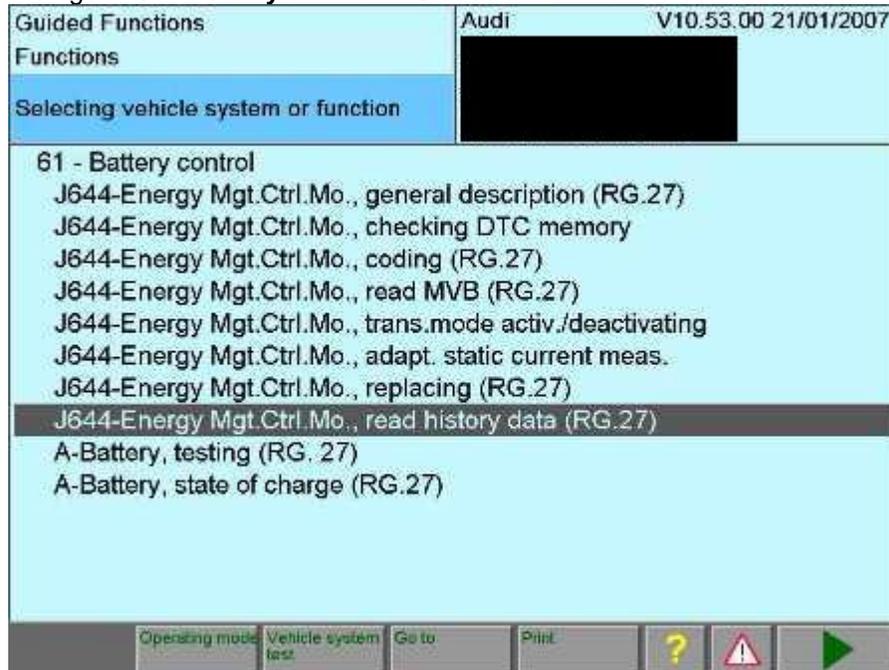
Notes can be found in the entries for **Static current history**:
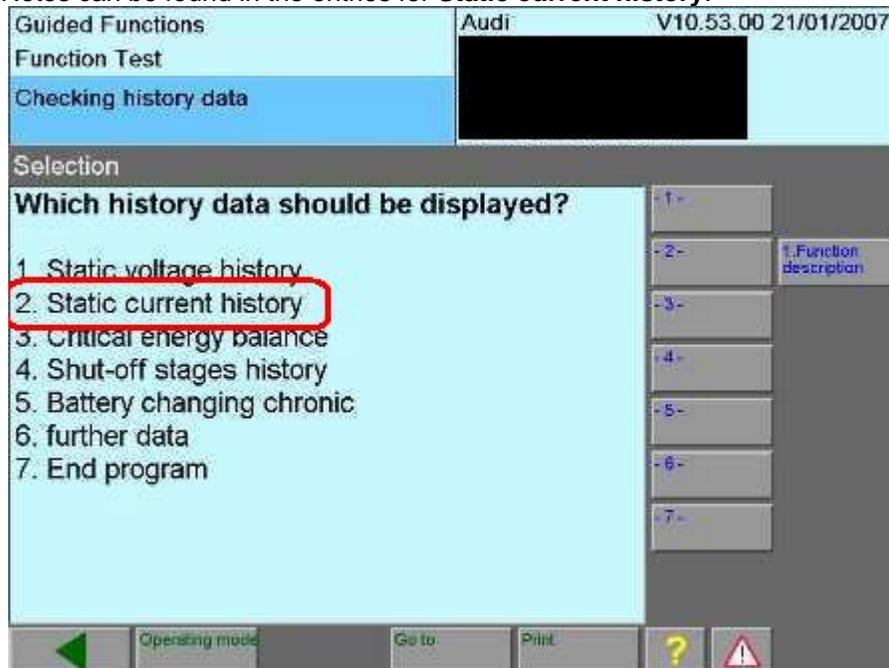
EXAMPLE FOR A VALID CASE:

An increased quiescent current was measured over a total period of 203 hours.

Quiescent current history =

2006-09-22,12:26:03*0098 hours **00.69 A**, quiescent current

2006-09-21,15:08:53*0019 hours **00.70 A,** quiescent current
2006-09-20,22:18:46*0012 hours **00.71 A**, quiescent current
2006-09-19,16:37:06*0018 hours **00.70 A**, quiescent current
2006-09-19,13:08:12*0000 hours **00.70 A**, quiescent current
2006-09-18,17:23:16*0015 hours **00.70 A**, quiescent current
2006-09-17,20:53:45*0012 hours **00.71 A**, quiescent current
2006-09-17,17:20:20*0001 hours **00.70 A**, quiescent current
2006-09-16,22:05:17*0017 hours **00.70 A**, quiescent current
2006-09-16,19:47:44*0000 hours **00.70 A**, quiescent current

Tip: Do not replace the Radio R. A software update is required.

MMI System Update procedure

1.Connect a recommended battery charger to the designated charging posts in the vehicle.

Tip: To avoid false readings of the battery manager, don't charge the battery directly at its posts.

2.Eject possible inserted CDs from the CD changer in the glove compartment and load Update CD **4F0 906 961 AB** in position 1.

3. All sound settings will be set to default after the update. Depending on the installed MMI components, further settings (Previous/Memory station list, stored CD name, directory entries and voice recognition name tags) may be lost.

Tip: Write down all settings to restore them after the update. Inform customers that they have to re-record their name tags.

4.Press and hold the MMI Control Head buttons: **Setup** and **Return** simultaneously until the following screen appears:
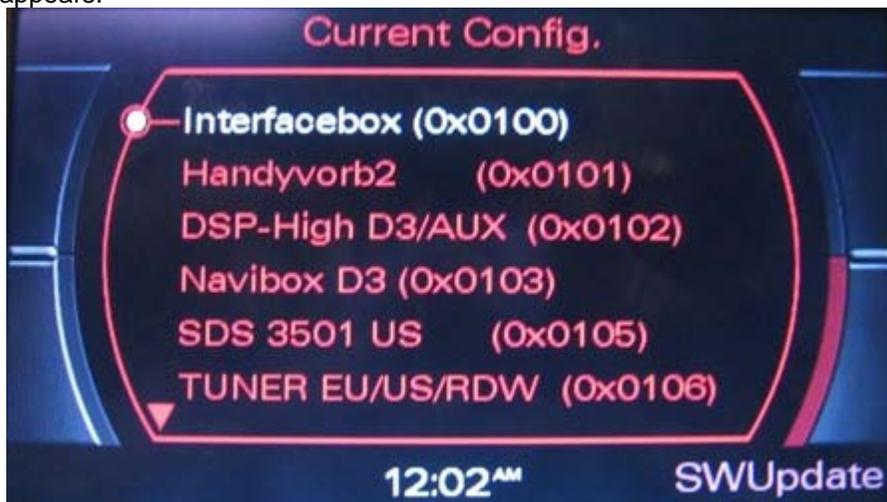
5.Press the lower right soft key of the MMI Control Head to enter the **SWUpdate** menu.

6.Use the central control knob of the MMI Control Head to select **CD-ROM** and then **Standard**.
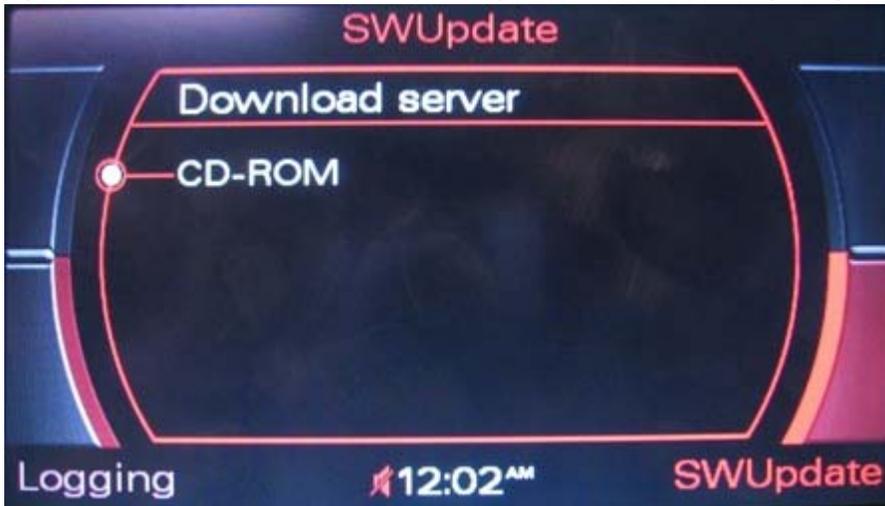
7.The screen below, which may take a few seconds to appear, shows the current software status of the MMI component in comparison to the inserted Update CD.
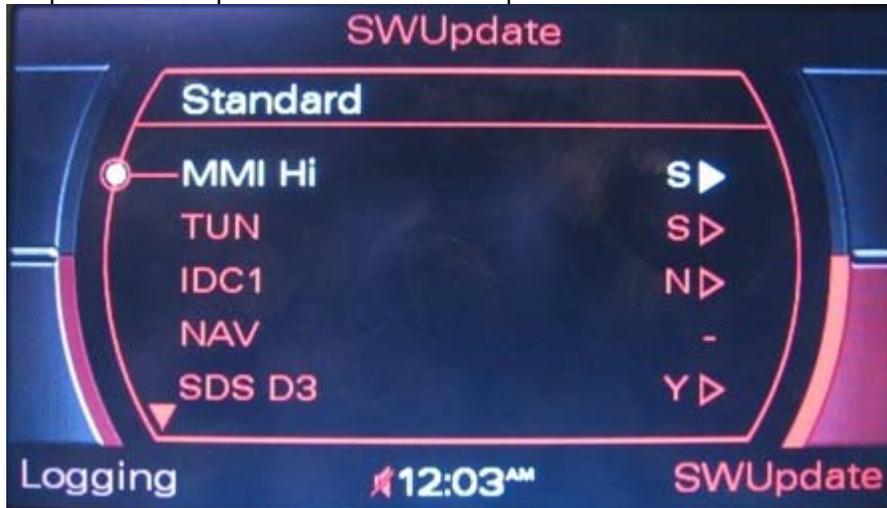
8.Scroll down the component list with the central control knob and select **Start download**.

9.Note and obey the displayed message to avoid component breakdowns. Scroll down the screen to accept the following update with **OK**.
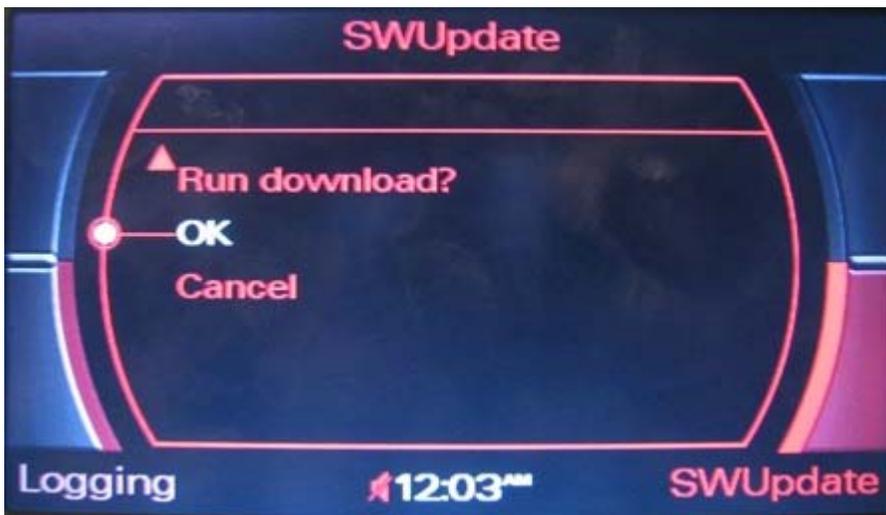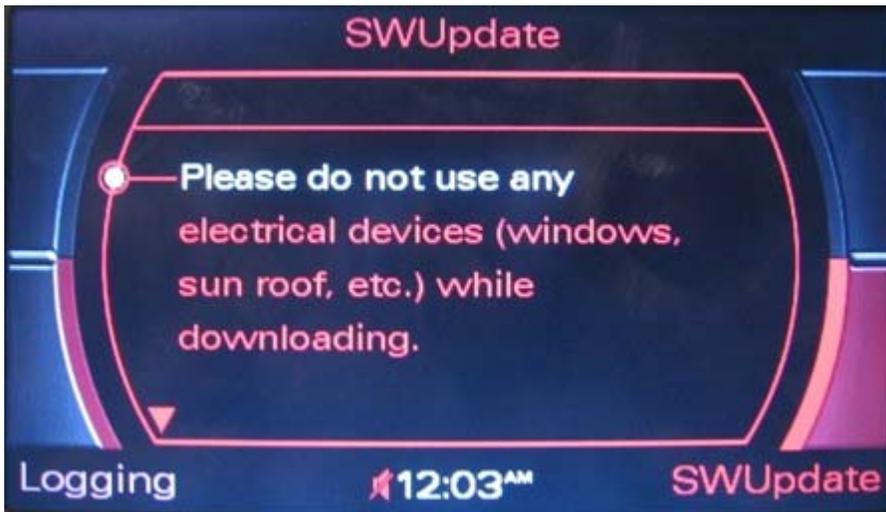
10. The MMI component update lasts between 15 and 60 minutes, depending on the installed components.
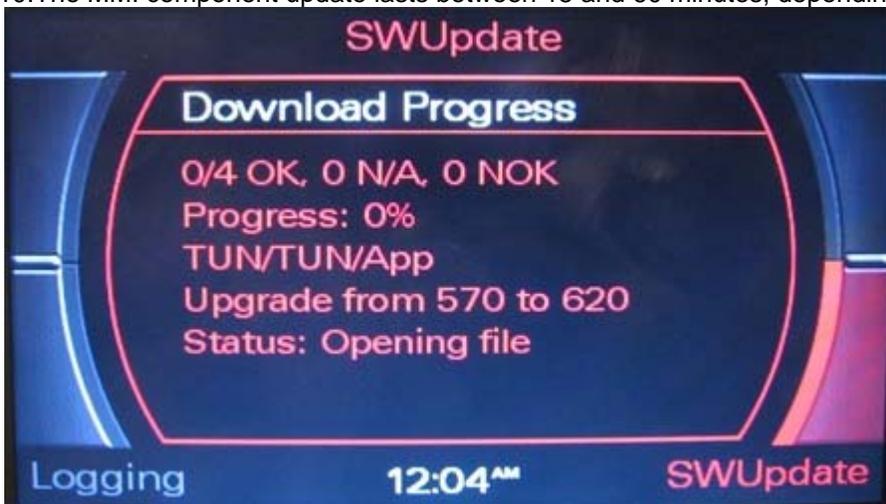
11. After initialization of the updated components, the following screen (or a similar one) appears.

i **Tip:** The displayed status **Not OK** and **-** is update related and not a fault. Please ignore and proceed.
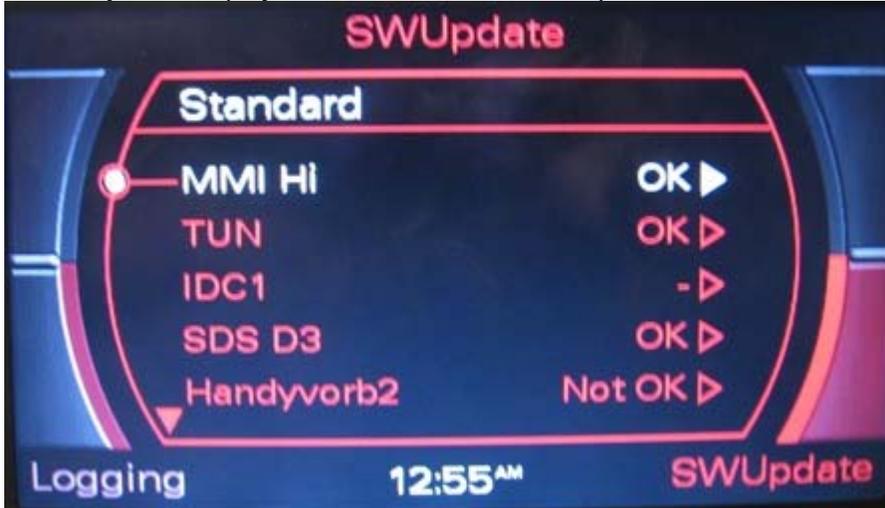
If you scroll down the component list, you may discover that not all necessary component updates were performed in the first step (not all **OK**). In this case, select **Try again** to perform the missing component update.

If all necessary components are updated (**0 NOK**) select **Restart MMI** to reset the MMI system.

12. Eject Update CD **4F0 906 961 AB** and reinsert removed CDs, if applicable

13. Connect the VAS Tester to the vehicle and erase all sporadic fault codes.

14. Select **07 - Display/control unit** and add **32** to the adaptation value of adaptation channel 2. The battery charge status will then be displayed again.

15. Perform the required SVM Update using action code:

- **NA4FK730** for the A6.

- **NA4EK730** for the A8.

- **NA4LK730** for the Audi Q7.

For further SVM update instructions and troubleshooting, please refer to the *SVM Operating Manual*; *ElsaWeb TSB 2011732*.

Warranty

When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:			
Claim Type:	W2		
Part Identifier:	9153		
Damage Code:	9153 39 002 1		
Labor Operations:	9153 25 99	MMI Zug Update	100 TU
Diagnostic Time:	No Diagnostic Time Allowed		
Claim Comment:	As per TSB #2014127/1		
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
4F0 906 961 AB	Update CD MMI	1

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