



# Instructions for the SDconnect Software Update with DVD 07/2011

Star Diagnosis variant	Operating system	Network
compact <sup>4</sup> with SDconnect	Windows XP	LAN (wired connection)
compact <sup>3</sup> w with SDconnect		WLAN (wireless connection)

## Objective

This document provides simple step-by-step instructions for updating the kernel software (operating system) on your Star Diagnosis SDconnect multiplexer.

The kernel update of the SDconnect is similar to a regular software update via the Star Diagnosis system.

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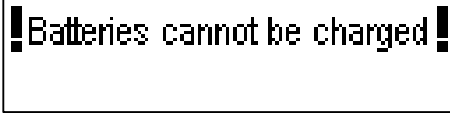


**Step 1 Introduction**

done

→ Check battery if needed (only if related message is shown in the display)

- When working on the vehicle or using an external power supply, the message "! Batteries cannot be charged!" may sometimes appear on the SDconnect display:



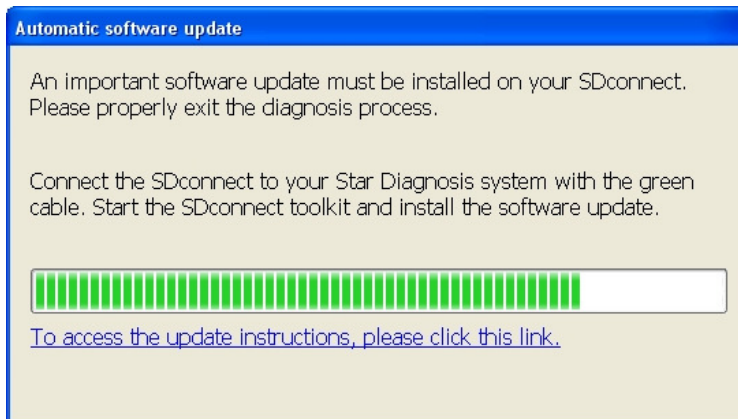
- This may be related to tarnishing, crystal formation, or corrosion on the battery contacts or leaking batteries:



- Since the external power supply is extremely important for the update process, the batteries should be checked for the above-mentioned indications by removing the side panel on the SDconnect (see SDconnect manual, chapter 2.2.1).
- If the batteries are contaminated, you can do the following:
  - Clean or polish the battery contacts and re-check the battery function.
  - Exchange the batteries if necessary (see SDconnect manual, chapter 2.3.2, for notes on batteries)
- After checking the batteries, you can continue with the next step.

→ Closing the Xentry Diagnostics/Xentry DAS diagnostics application

- When accessing a vehicle in Xentry Diagnostics or Xentry DAS, the following message appears:



Please exit the diagnostic application Xentry Diagnostics or Xentry DAS correctly and follow the next steps.

### Step 2 Connecting the SDconnect to the Star Diagnosis system

done

→ Connect the SDconnect to the Star Diagnosis system with the green cable.

- The SDconnect will be automatically selected and appear in the deskband on the Star Diagnosis system:

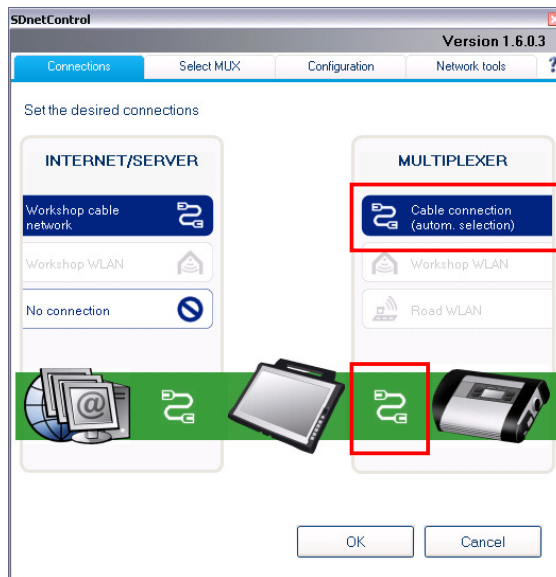


### Step 3 SDnetControl

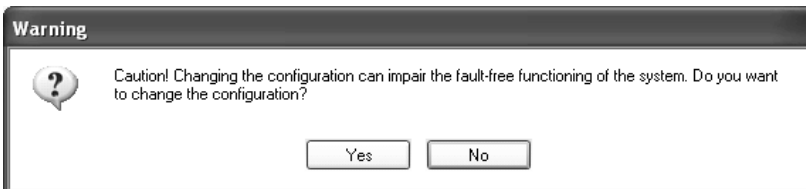
done

→ Start SDnetControl by clicking the deskband

- Go to the "Connections" tab.
- Check whether automatic selection via the cable connection is active:



- Go to the "Configuration" tab, and confirm the warning with "Yes":



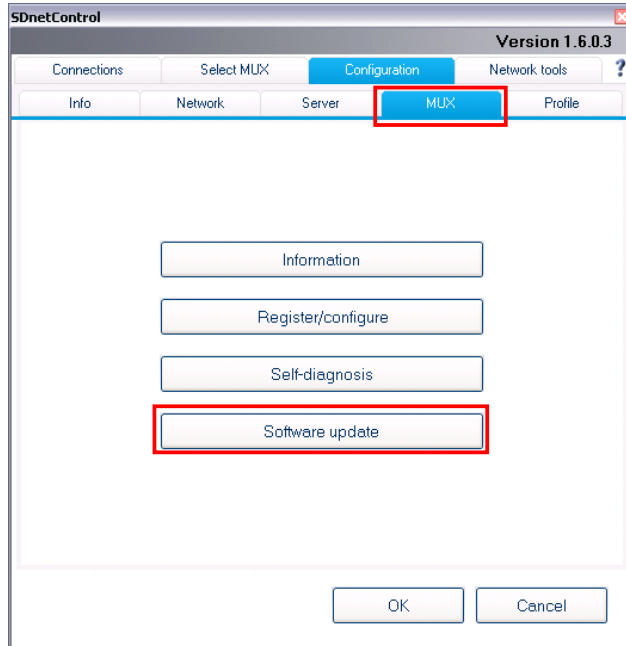


### Step 4 Software update

done

→ Go to the "MUX" tab in SDnetControl.

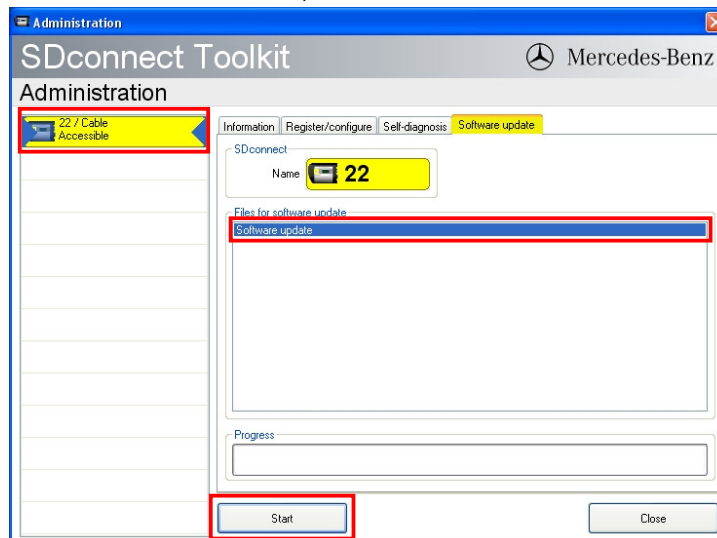
- Click on the "Software update" button.



→ The "SDconnect Toolkit Administration" program will start.

→ Go to the "Software update" tab in the SDconnect Toolkit.

- Your SDconnect is already selected on the left-hand side.
- Select the "**Software update**" packet under "Files for software update".
- Click "Start" to start the process.



→ The update process will start. This takes approx. 4 minutes.

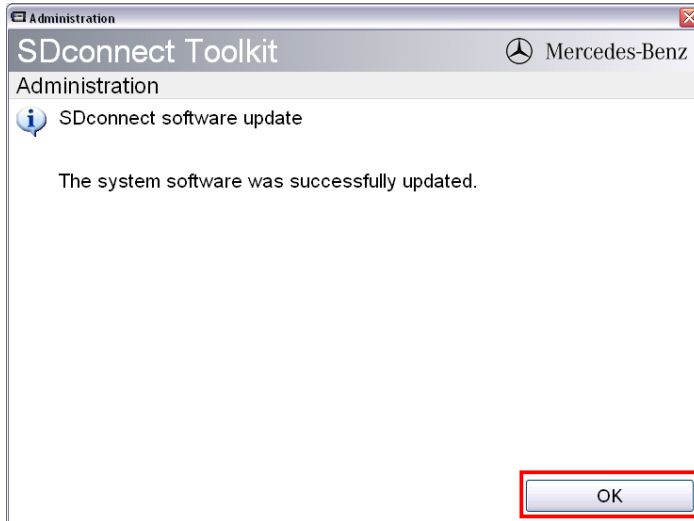


### Step 5 Completing the installation

done

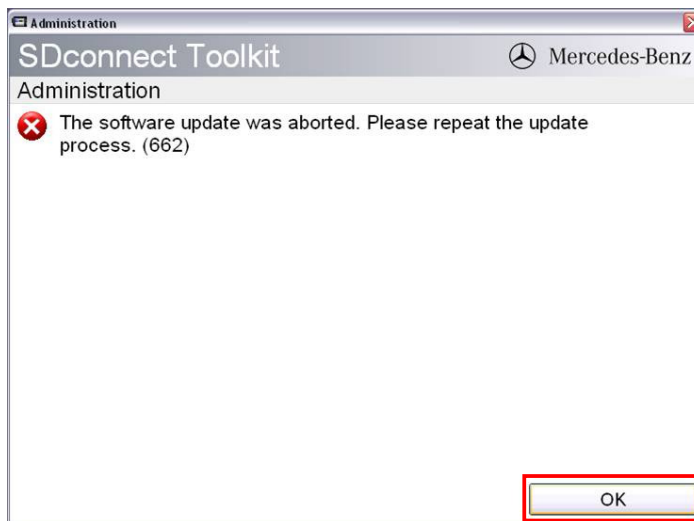
→ Confirm the successful completion of the update.

- After a successful update, a message indicating the successful update completion appears.
- Confirm the message by clicking "OK".



→ Update not successful

- If the update was not successful, the message "The software update was aborted. Please repeat the update process" will appear.
- Confirm this message by clicking "OK". Check the SDconnect batteries if necessary and repeat the update process.

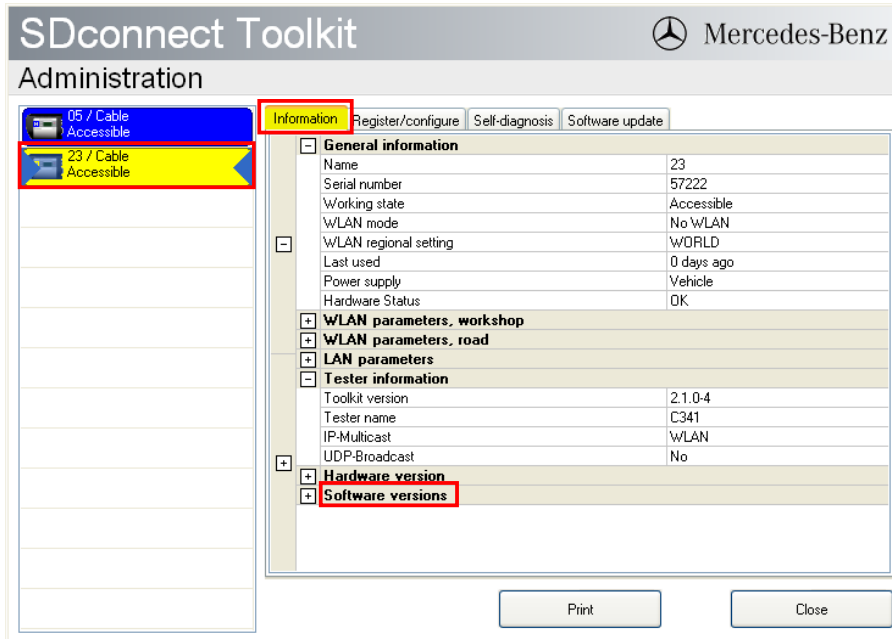


**Step 6**      **Checking the installed software**

done

→ Go to the "Information" tab in SDconnect Toolkit

- Select your SDconnect on the left-hand side.
- Check the information under "Software versions" at the right:  
The versions of the Linux OS and the CommandServer must be at least 2:0:xxxxxx.



**SDconnect Toolkit**      Mercedes-Benz

**Administration**

Information   Register/configure   Self-diagnosis   Software update

05 / Cable Accessible  
23 / Cable Accessible

<b>General information</b>	
Name	23
Serial number	57222
Working state	Accessible
WLAN mode	No WLAN
WLAN regional setting	WORLD
Last used	0 days ago
Power supply	Vehicle
Hardware Status	OK
<b>WLAN parameters, workshop</b>	
<b>WLAN parameters, road</b>	
<b>LAN parameters</b>	
<b>Tester information</b>	
Toolkit version	2.1.0-4
Tester name	C341
IP-Multicast	WLAN
UDP-Broadcast	No
<b>Hardware version</b>	
<b>Software versions</b>	

Print      Close

→ The SDconnect software update is complete. The green cable can be removed.