

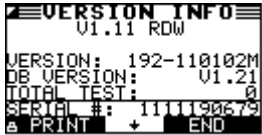





VAS6161 software update procedure

1. Check actual version



	<p>Turn on the tester and select INFO in the main menu of the tester</p>
	<p>Select VERSION INFO in the utility menu</p>
	<p>Check and note the VERSION number 192-1101XXX</p>

2. Preparing tester for update

	Turn on the tester and select UTILITY in the main menu of the tester
	Select UPDATE in the utility menu
	Select option 2 SAVE CONFIG and press NEXT
	The tester will now save your personal settings and work shop address onto the SD card and will return to the utility menu when ready
	Remove SD Card from tester and insert into SD card reader of your PC
	Save all files on the SD Card to a folder on your PC

NOTE: ALL FILES ON THE SD CARD WILL BE DELETED WHEN CREATING TO UPDATE SD CARD. UNSAVED DATA WILL BE LOST!

NOTE: DO NOT FORMAT THE SD CARD INSIDE THE PC!

3. Download and save update software

Download the update files and save it to a local folder on a Windows PC.

If the actual VAS6161 version shows:

- 192-110102X → download RDW version

- 192-110128X → download AP version

- 192-110127A → download US-RDW A version
- 192-110127B → download US-RDW B version
- 192-110127C → download US-RDW C version
- 192-110127D → download US-RDW D version
- 192-110127E → download US-RDW E version
- 192-110127F → download US-RDW F version
- 192-110127G → download US-RDW G version
- 192-110127H → download US-RDW H version
- 192-110127I → download US-RDW I version
- Any other version → download US-RDW I version

RDW version:

- **EEPM087M.hex**
- **FLSH070M.hex**


AP version:

- **EEPM110M.hex**
- **FLSH045M.hex**

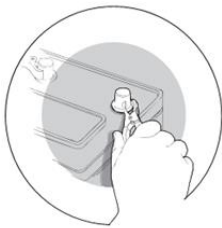
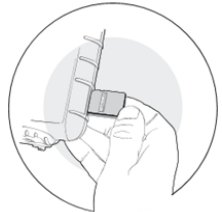


US-RDW version:





- **EEPM109X.hex** version depends on selected file
- **FLASH044X.hex** version depends on selected file

4. Move files to USB




	<p>Remove all other “removable storage devices” (like USB sticks or other SD cards) from the PC!</p> <p>This is to prevent copying to the incorrect USB drive.</p>
<p>For example:</p> 	<p>Save the correct files (see Chapter 1) directly in the main folder of the SD card.</p>
	<p>Remove the SD card from the SD card reader of the PC.</p>

5. Update the tester





	<p>Connect the tester to a 12 volt battery to prevent loss of power during the software update</p>
	<p>Insert the programmed SD Card back into the tester</p>
	<p>Turn on the tester and select UTILITY in the main menu of the tester</p>
	<p>Select UPDATE in the utility menu</p>

	<p>Select option 1 FIRMWARE and press NEXT</p>
 <p>*example screen*</p>	<p>As soon as the update warning screen appears, select YES</p>
	<p>The tester will start reprogramming the FLASH memory</p>
	<p>After the Flash update the tester will reprogram the EEPROM memory</p>
<p>SUCCESS UPDATE COMPLETE TURN OFF TOOL AND REPLACE MMC UPDATE CARD WITH DATA CARD</p> <p>REBOOT TO CONTINUE</p>	<p>After the reprogramming is complete, the tester will prompt to restart the tester</p>
	<p>Switch the tester OFF and back ON. The new software is now loaded onto the tester</p>

6. Check new version

	<p>Turn on the tester and select INFO in the main menu of the tester</p>
	<p>Select VERSION INFO in the utility menu</p>
	<p>Check and verify the new VERSION number is: 192-110102M</p>

7 Check and reinstall original tester configuration

	<p>Insert the SD Card back into the PC</p>
	<p>Save the stored .csv files of step 1 back onto the SD Card and put the SD Card back in the tester</p>
	<p>Turn on the tester and select UTILITY in the main menu of the tester</p>
	<p>Select UPDATE in the utility menu</p>
	<p>Select option 3 LOAD CONFIG and press NEXT</p>
	<p>After your personal configuration settings is reloaded onto the tester, switch the tester OFF and ON again</p>