

Firmware Update for Fanatec Wheel with bootloader

This installation guide shows you how to install a new Firmware to your Porsche wheel. Please read the instructions carefully and make sure you do not interrupt the update process.

By updating the firmware you always risk the operability of your device so please make an update only if you have serious issues and if the update was recommended by the Fanatec support team. If the update was not performed properly you might lose the warranty on the device.

System requirements:

- Windows XP (32 bit) or Windows Vista (32/64) or Windows 7 (32/64)
We can only assure a working update if the Windows version is installed completely fresh on your PC. Other programs might interfere the update.
- Microsoft .NET Framework 3.5 has to be installed

Note: You will have some warning messages under Windows Vista and Windows 7 which you can ignore. Please always confirm these messages and continue. It is required to have administrator rights on your PC to install the USB driver.

Step 1

Unplug Porsche wheel RF Dongle before updating! (in case you use one)

Step 2

Reboot the PC

Step 3

Turn off all other programs, especially antivirus programs (**IMPORTANT!**). We recommend to use a tool like "Game Booster" to shut down open programs.

Step 4

Extract: PWXX_rev_XXX.zip

Step 5

Plug in the USB Cable for the wheel into a Windows PC. If you experience problems during flashing, use a different USB port.

Step 6

Push and hold the Xbox Guide Button, then plug in the power cord from the wheel or push the power button. Wait about 10 seconds (Xbox Guide Button is still pushed), after this, the first Ring of Light LED will be lit. The wheel is in the bootloader mode now. Make sure that the Xbox Guide Button is released again.

Step 7

Open the program „UpdateTool.exe“ on your PC:

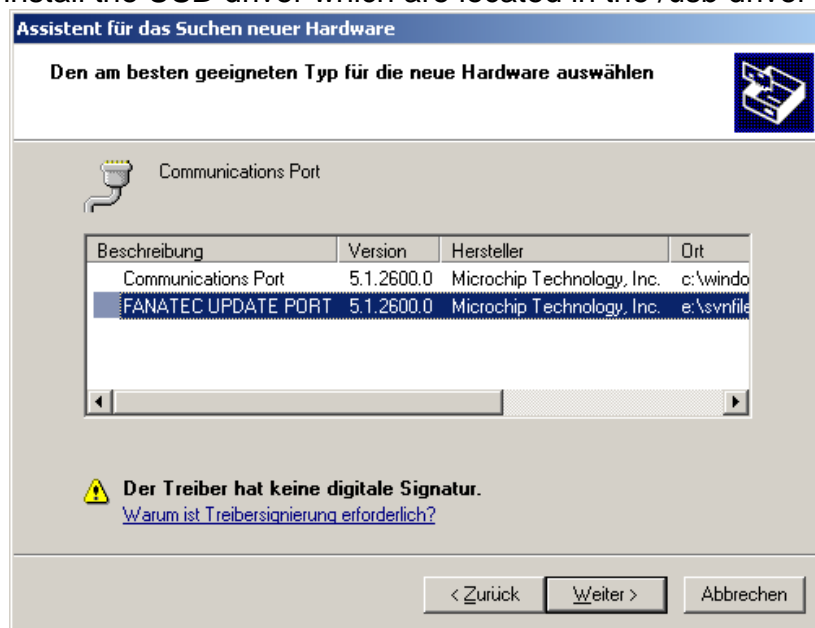


Step 8

Perform "Step 1" in the program. This will only work if the wheel is in bootloader mode.

Step 9

If necessary, install the USB-driver which are located in the /usb driver folder:



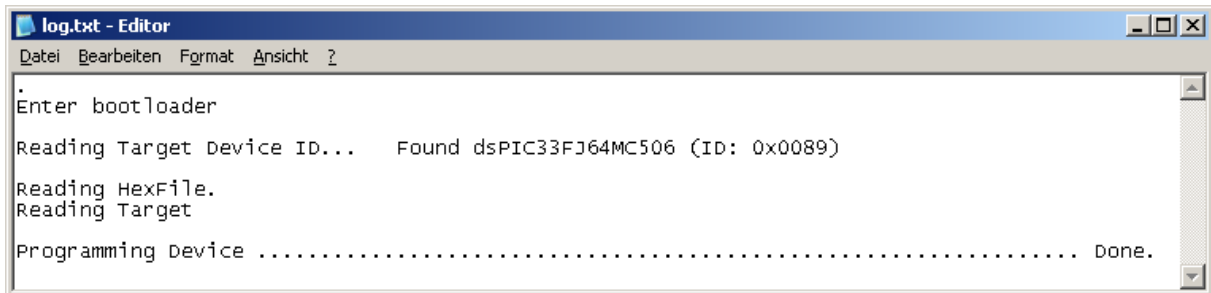
Step 10

Perform "Step 2" in the program. This might take a few seconds. During this time, an empty command-window will appear.

NOTE: If you already made an update before it can happen that the file selection window points you to the old files!

Step 11

If the update has been successful, the wheel restarts. The created log file will look like this:



```
log.txt - Editor
Datei Bearbeiten Format Ansicht ?

Enter bootloader
Reading Target Device ID... Found dsPIC33FJ64MC506 (ID: 0x0089)
Reading HexFile.
Reading Target
Programming Device ..... Done.
```

Step 12

Test if the FW was successful.

Start the wheel to standby mode so you see "---" on the TUNING display.

Press the lower four main buttons (LSB, RSB, A, B) at the same time. You will now see the firmware version on the display.

Step 13

Please reset the TUNING display by holding the display button pressed for 10 seconds until you see "rst" on the screen.

Step 14

You might need to calibrate the 7GS shifter and/or bind the dongle after a firmware update.

Note: If you had a problem and you will update again, you must restart the updatetool and update from the start because you can't return to previous step