

Updating of the ECU(EC-11) firmware using a serial signal converter.

【1】Preparation of firmware update software

- Copy "EC-11UPDATE_PROG_xxxx_yyyymmdd.exe" (where xxxx_yyyymmdd is the firmware version and date) to a computer that can be connected to the ECU. Depending on the antivirus software, this EXE file may be recognized as a virus and deleted. In that case, temporarily stop the antivirus software.

【2】Connecting your PC to the ECU

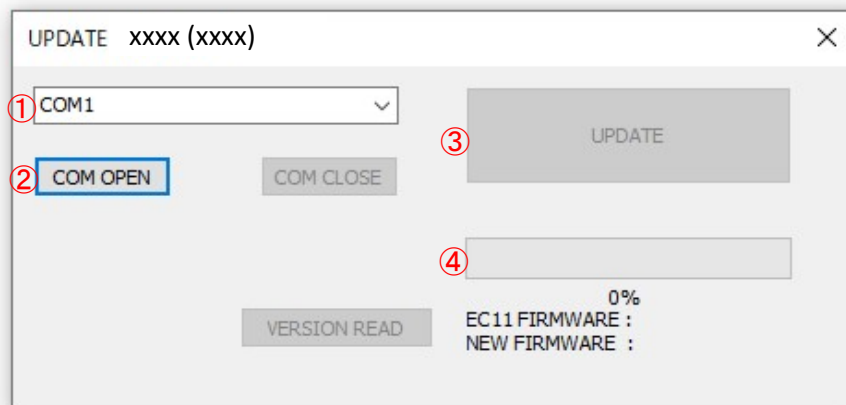
- Connect your PC to the ECU
- Refer to the INSTRUCTION MANUAL how to connect the ECU and your PC.

【3】Turning on the ECU

- Turn on the ECU.

【4】Starting up the software

- Execute the file "EC-11UPDATA_PROG_xxxx_xxxxxxxx.exe" and open the following window.



【5】Confirming COM port assignment

- Make sure which COM port is assigned to the ECU serial connection by Windows® device manager.
- In case the assigned COM port is other than COM1~COM10, reassign it to one of the port from COM1 to COM10. Refer to the instruction manual of the Windows® you are using how to assign a COM port.

【6】Setting the COM port

- Select the confirmed COM port from the pull-down menu (① in the above picture).
- Click the [COM OPEN] button (② in the above picture) and the connection is completed.

【7】Start updating

- Click the button [UPDATE] (③ in the above picture) and start updating.
- **Do not turn off the ECU. Turning off the ECU during the updating process may cause malfunction.**
- **Although the buzzer may sound, do not turn off the power.**

【8】The updating is completed

- The updating is completed when the bar (④ in the above picture) is filled 100%.

【9】Turning off the ECU.

- Turn off the ECU.