

How to Erase Data in GoBT

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First Time Actions

1. Get a copy of qcom.exe (no installation necessary)
2. Obtain a USB **data** cable that fits GoBT

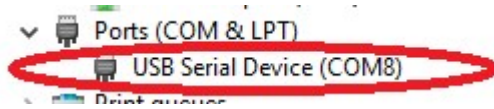
Procedure

1. Set up Serial Communications
 - a. Activate battery – insert battery or remove vinyl tab
 - b. Connect USB cable* between PC and logger
 - c. (first time) Wait for Windows message “Setting up a device” then “Device is ready”
 - d. Launch QCOM.exe**
 - e. Change settings if necessary
 - i. Baudrate = 115200
 - ii. Uncheck the Save Log button in lower-left corner
 - f. Click “Open Port” button*
2. Clear data memory
 - a. In Input String box, type “**FLUSH=1**” (case sensitive)
 - b. Click “Send Command” button
 - c. Verify that something appears in the larger text box like “[2018-11-15_10:30:40]OK”
3. Close USB
 - a. Click “Close Port” button
 - b. Close QCOM
 - c. Disconnect USB
4. Battery
 - a. Remove the battery (forces reboot)
 - b. Obtain a new battery if desired
 - c. Insert battery:
 - i. Without vinyl tab -- if you want to start logging now
 - ii. With vinyl tab -- if you want to start logging later
5. Final Preparation
 - a. Optional: write firmware version on PCB and/or on a sticker on the enclosure
 - b. Replace PCA into enclosure

Notes

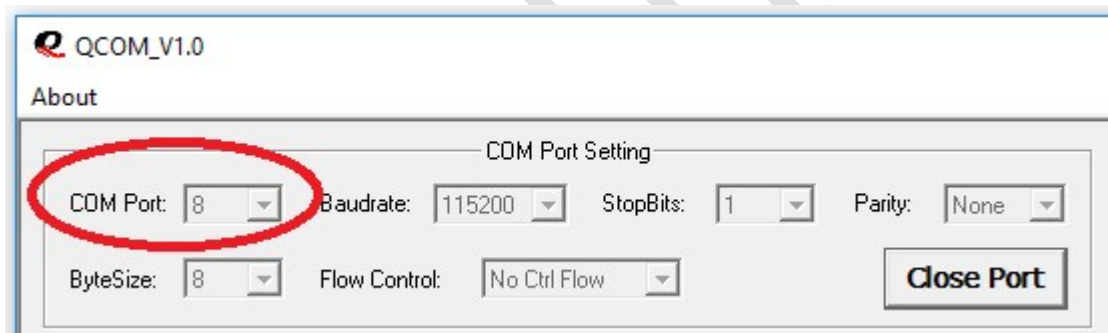
*USB Connection Tips:

- Make sure the USB is a data cable, not just a power cable!
- I have to plug the USB cable into a USB connector on my PC, not a hub connected to my PC
- If connected properly, the Go BT will show up in Device Manager as “Ports (COM & LPT)”:



**Starting QCOM

- It is a simple executable on my C drive, it is not “installed” like normal Windows programs (“C:\QCOM_V1.0\QCOM_V1.0.exe”).
- When you start QCOM, it should find the COM port and match as shown in the COM Port Setting field as shown here (this is why we connect before starting QCOM):



Note about Step 6

When firmware starts up, it immediately logs the first temperature reading to memory. So even when you insert the vinyl tab, there will be one data point recorded. That would be unacceptable for real product, but it's okay for testing and development. Just something to keep in mind when analyzing the data later.