Cygnus 1 Ex – Firmware Update Instructions.

The Cygnus 1 Ex firmware can be easily updated using the Data Port on the rear of the gauge. You will require the following items to update a gauge;

- 1. Cygnus 1 Ex USB Interface & Lead.
- 2. Cygnus 1 Ex Battery with a good level of charge.
- 3. A Windows® computer
- 4. "M5-EX Gauge Updater" utility installer
- 5. The Cygnus 1 Ex firmware update file usually named "Cygnus 1 Ex Firmware (v1.1.1297).zip"

Instructions

- 1. Install the "M5-EX Gauge Updater" utility on your computer.
- 2. Connect the USB Interface to the Cygnus 1 Gauge.
- 3. Connect the USB Interface to the computer.
- 4. Disconnect any probes from the gauge.
- 5. Turn on the Cygnus 1 Ex gauge and let it start up.
- 6. Start the "M5-EX Gauge Updater" utility
- 7. From the menu-bar, click File -> Import Package and select the new Cygnus 1 Ex Firmware file.
- 8. You should see a list of files appear as the new firmware is loaded.
- Click Find Gauge, the status should change to 'Connected' when a gauge is detected. The 'Received' count at the bottom left should now be counting up.
- 10. Click **Send Files** and wait while the files are all transferred to the gauge.
- 11. Click Disconnect.
- 12. Turn off the gauge by holding the **X** power key until you see the "Shutdown" message.
- 13. Turn the gauge on by pressing the X power key. Now wait while the gauge updates the firmware, this can take a few minutes so be patient. You will see a red warning screen while updating. <u>DO NOT remove the battery or try and force the power off.</u>
- 14. When the gauge finally re-boots an **Update Message** is displayed listing what has been updated, just press the green **v** key to clear this message the gauge has now been updated and is ready for use.
- 15. You can check the firmware version in the Cygnus 1 Ex menu, navigate to **Setup->Gauge Info**.



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File Edit Help				
Package Information	Update Files			Γ
Revision: 1283 Date created: 06/07/2021 15:22:48 Language: en	bootlogo.jpg CB_APP_IMAGE.bin CB_BLDR_IMAGE.bin dlcomments.txt			
Gauge	font_numbers.txt font_text_EN.txt language_EN.txt material.txtlable.txt			Bi
Find Gauge Disconnect	Numeric120Ext.sif Numeric180Ext.sif			Ì
Status: Connected Gauge Type: MS-EX Gauge Senal No: 30000	Numeric65Ext.sif ProductSansMBExtAA4.sif ProductSansSBExtAA4.sif S2C.pcf			4
	S2D.pcf S3C.pcf			U
	S5A.pcf S5C.pcf			U
10	12C.pct T5A.pcf T5B.pcf			9
Send Files Cancel Send	T7A.pcf UB_APP_IMAGE.bin			5.
	UB_BLDR_IMAGE.bin			:n
				e
D				u
Received: 10				: 6