Commissioning the CAN Logger 2

* Customer Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Assembly:**

* PCB board is screwed in the enclosure
* Push button is soldered in SW20 and attached to enclosure top half
* Jumper wire between R20 and RAW in P1 for optically isolated inputs
* Insert micro SD card
* Insert 3V coin battery

WiFi Enable / Disable (Circle one)

* WiFi enable - Jumper wire between Teensy pin 21 and WiFi chip RST pin
* WiFi disable - No jumper wire
* Screw enclosure top and bottom together
* Add D-Sub 15 to green 9-pin cable

**Testing:**

* Update firmware on Logger 2. Record the git commit hash: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

https://github.com/Heavy-Vehicle-Networking-At-U-Tulsa/CAN-Logger-2/tree/master/CAN\_Logger\_with\_Autobaud\_and\_Requests

* Open Serial Monitor and Record the Logger 2 Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Program and Label Enclosure Bottom with Serial number:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Enter the command FORMAT to clear the SD CARD.
* Enter the command COUNT to reset the file counter.
* Enter the command DF and record the free space on the SD Card: \_\_\_\_\_\_\_\_\_\_\_
* Connect to live monitored CAN BUS (250k) with can0, can1, and can2 channels.
* Enter the command STREAM ON and see all three channels scroll in the first column.
* Double Click the Push Button and confirm 3 LEDs illuminate and a new file opens.
* Enter the Command LS A and confirm two files were created on the SD card.
* Press pushbutton once and confirm request messages are sent.
* Parse CAN Log to find ECM component ID. Record ID\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Unplug the CAN Logger USB first, then the DSUB cable while recording.
* Reconnect to live monitored CAN BUS (500k) with can0, can1, channels and J1708.
* Enter the command baudRate and confirm the new bitrates were recorded.
* Type the Command LS A and confirm the third file exists and after the power loss.
* Enter the command STREAM ON and confirm J1708 is not interfering can2
* Scan and record this checklist
* Insert the device, D-Sub cable and checklist in anti-static bag

**Notes:**