

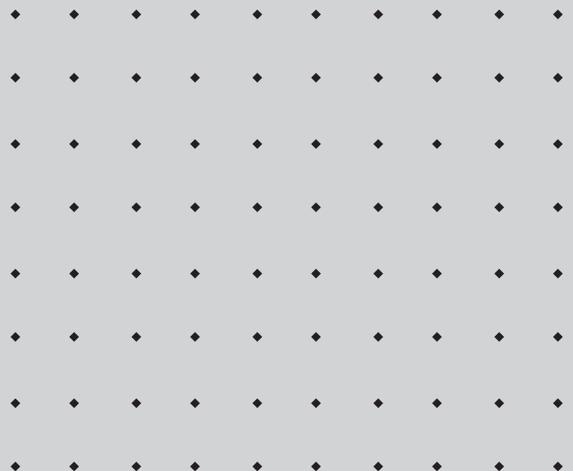


**CARBON
ZAPP**

CZ Service Manuals

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RiD03747

Upgarde Kit DCDr_DCDSr to DCDr-K





RiD03747

Upgrade Kit

DCDr / DCDSr to DCDr-K

VALVES AND KEM UPGRADE

Calibration data change procedure:

- 1. Log in as service. (Username: service – Password: 12345)**
- 2. Go to the three dots (top right on the screen) and select “Settings”**
- 3. From the left list select “Machine”**
- 4. In the machine tab select “KEM-D Sensor CalibrationnK-Factor” you found on the sticker new sensor**
- 5. Open the TeamViewer QS send us the ID via email support@carbonzapp.com to change the program for working new sensor measure.**
- 6. Tools Needed: Allen Key # 2. Allen Key # 2.5. Phillips Screwdriver.**

Notes Parts Receive:

A. CZ008627



B. CZ008889

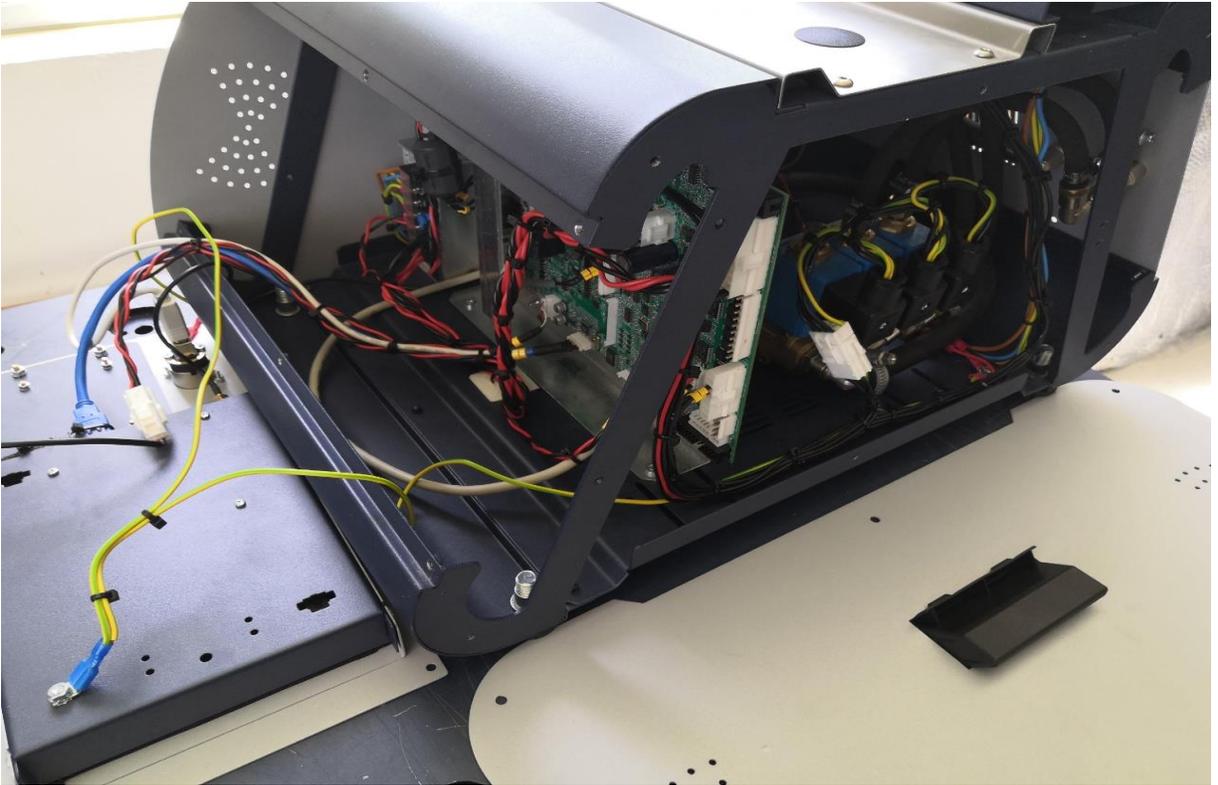


!!WARNING!!

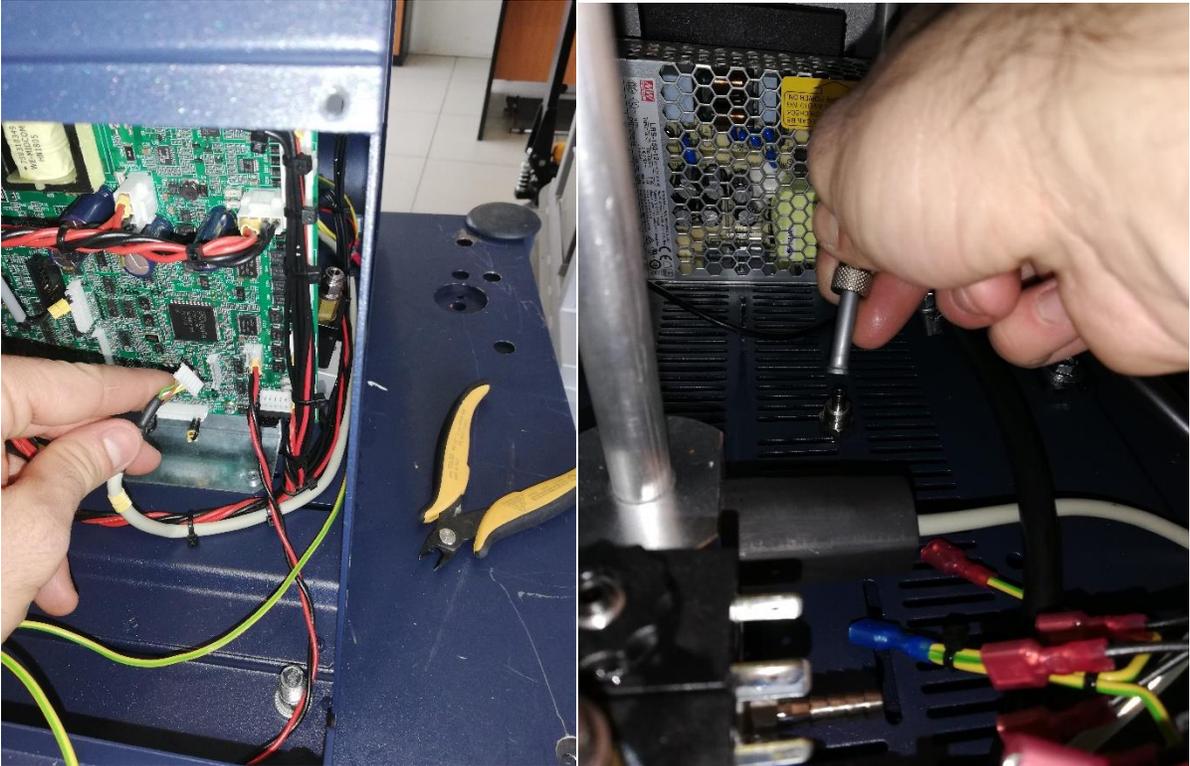
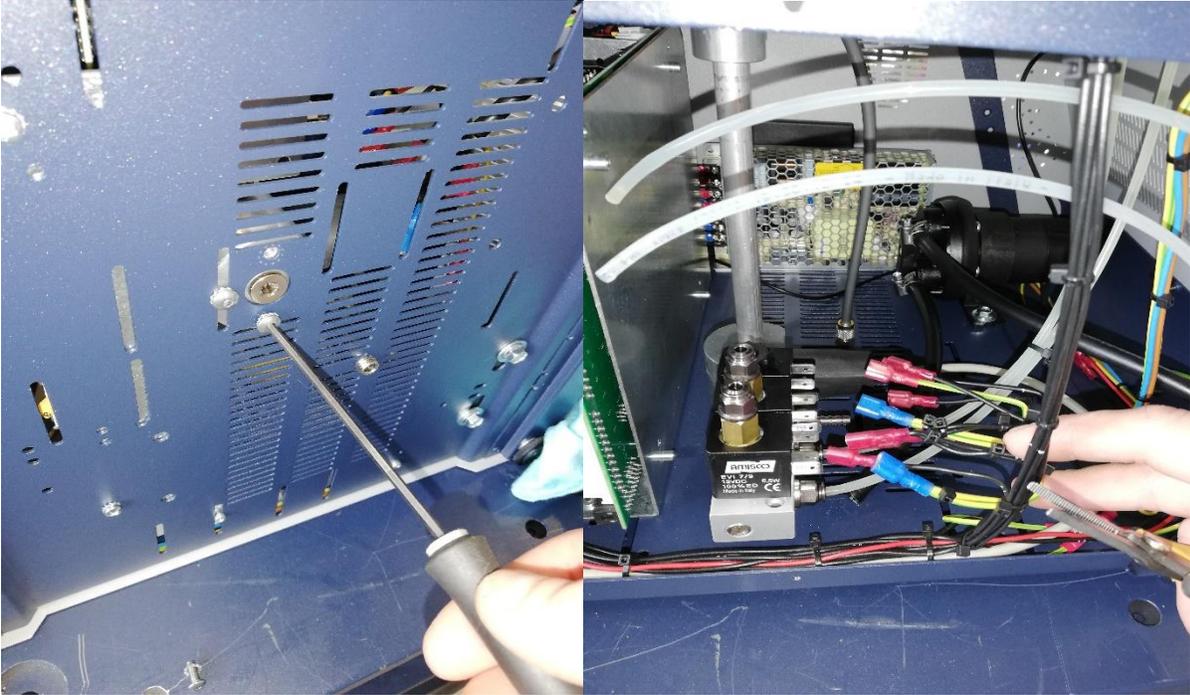
Before you start the following procedure unplug AC power supply!



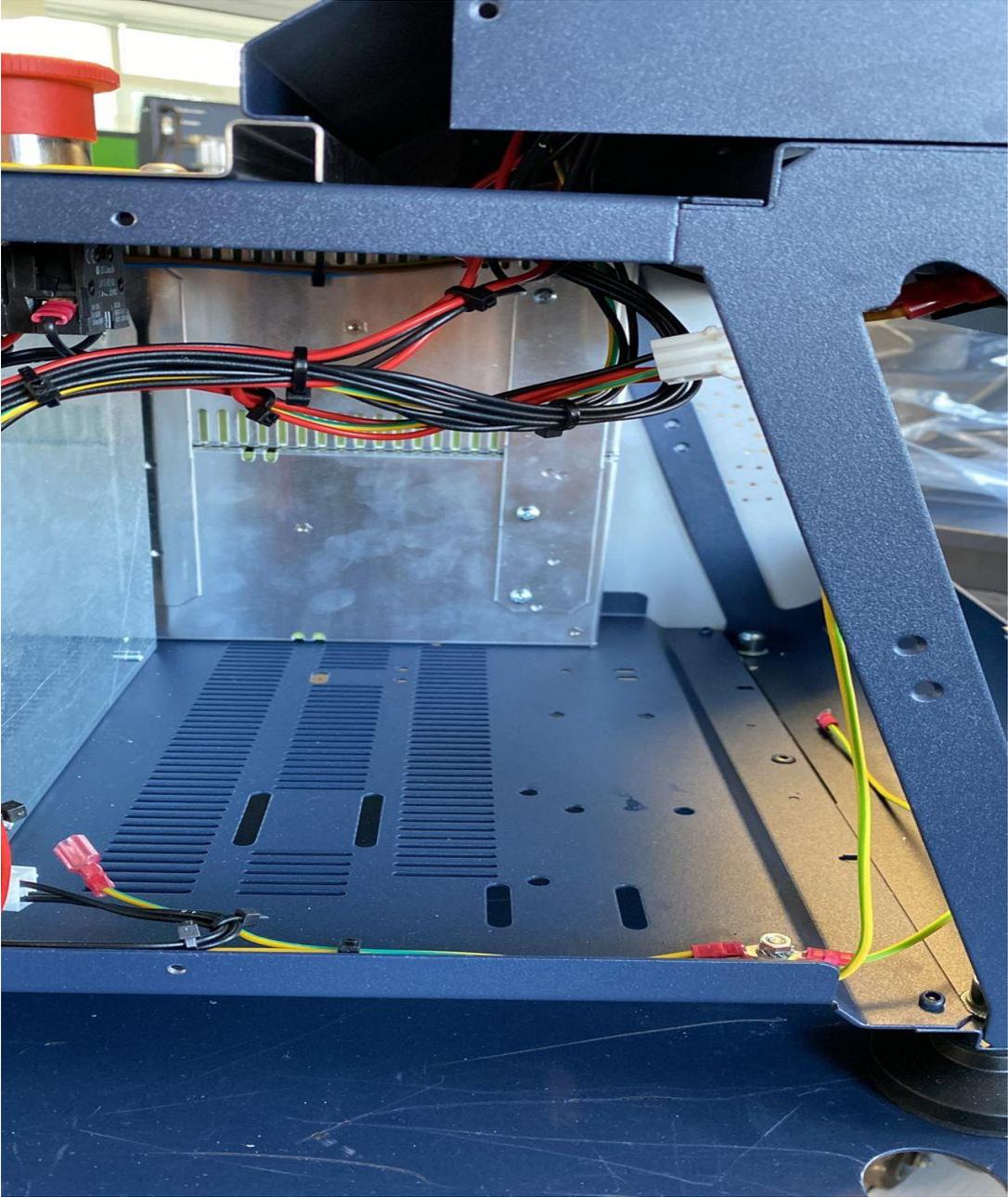
Step 1: Open the front and right-side panel.



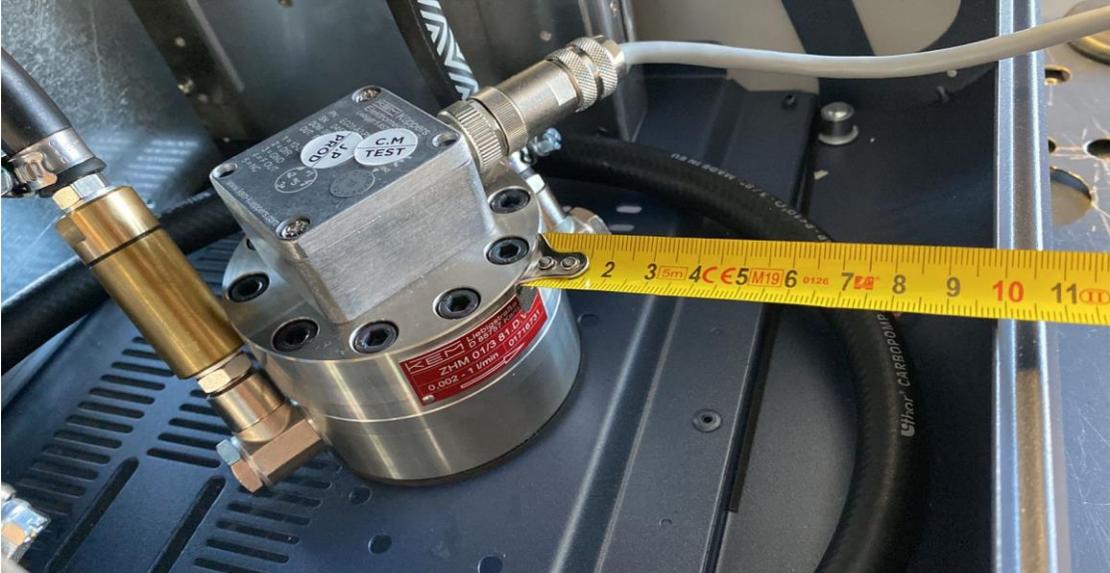
Step 2: Remove the old all hoses and cables inside machine.



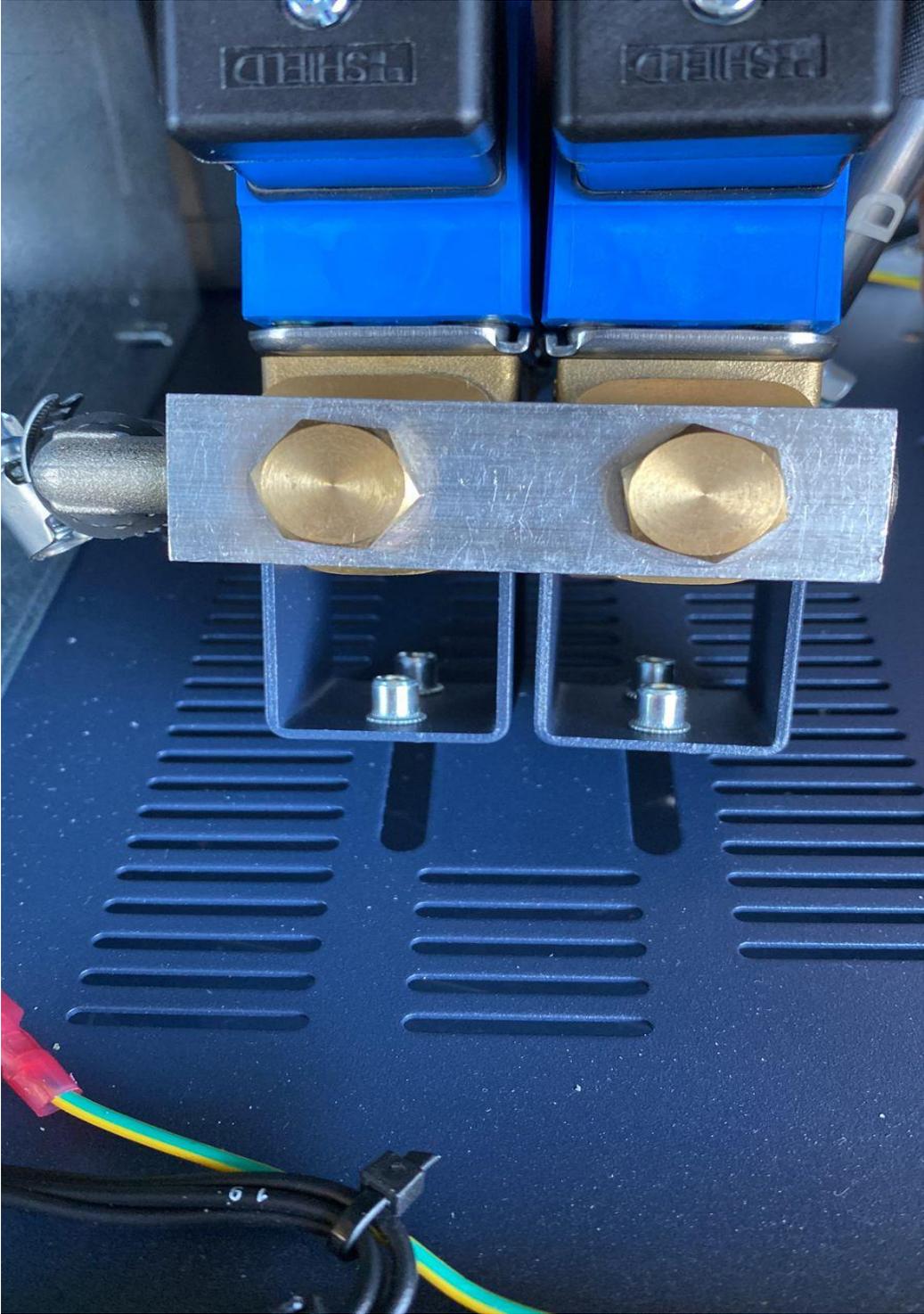
Step 3: Remove the old parts measurement and valves.



Step 4: Make two holes 6mm needed for the installation of the new parts measure sensor as shown in the photo.



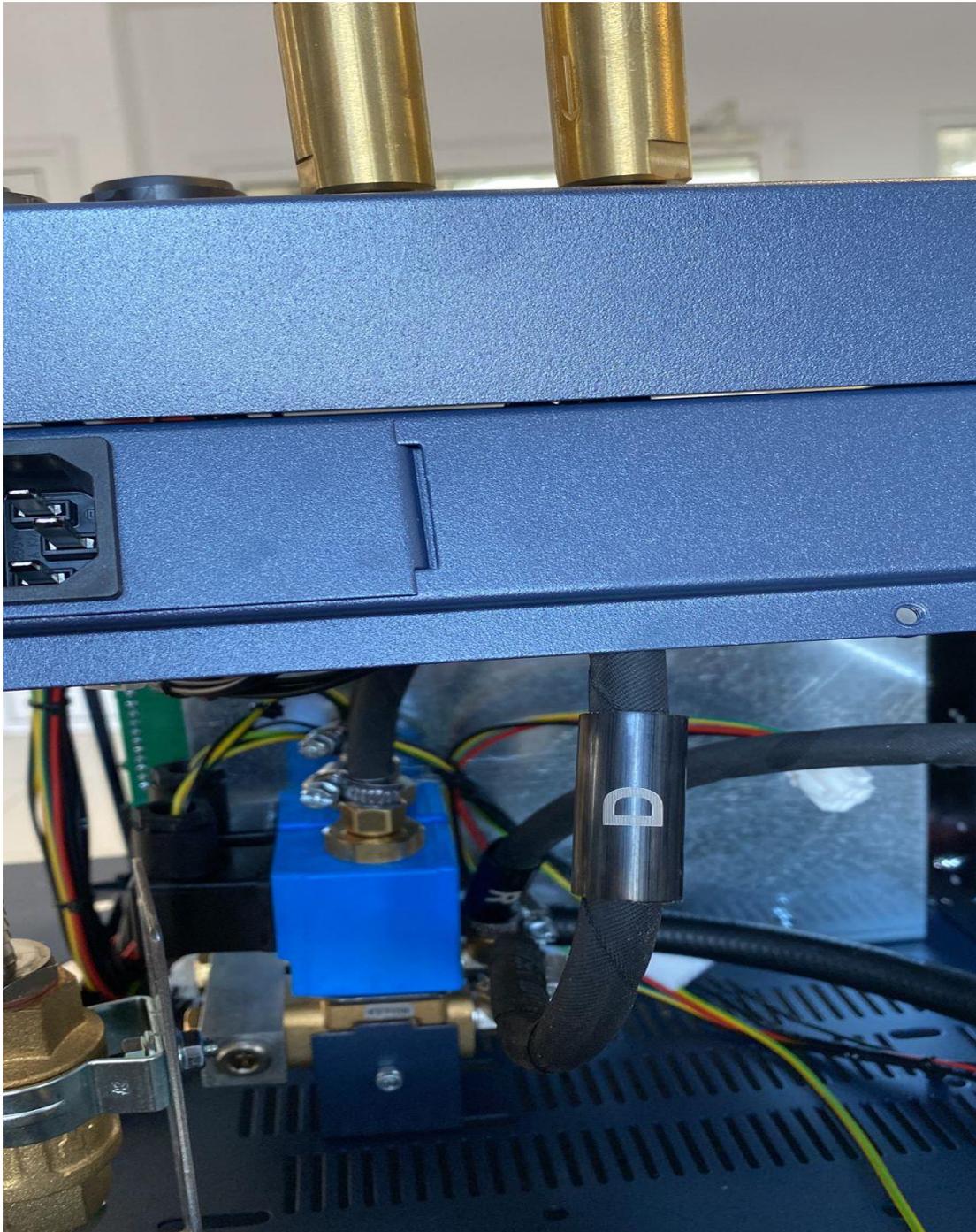
Step 5: Place the new blue valves.



Step 6: Connect the black hoses to D and R ports.

WARNING!!!

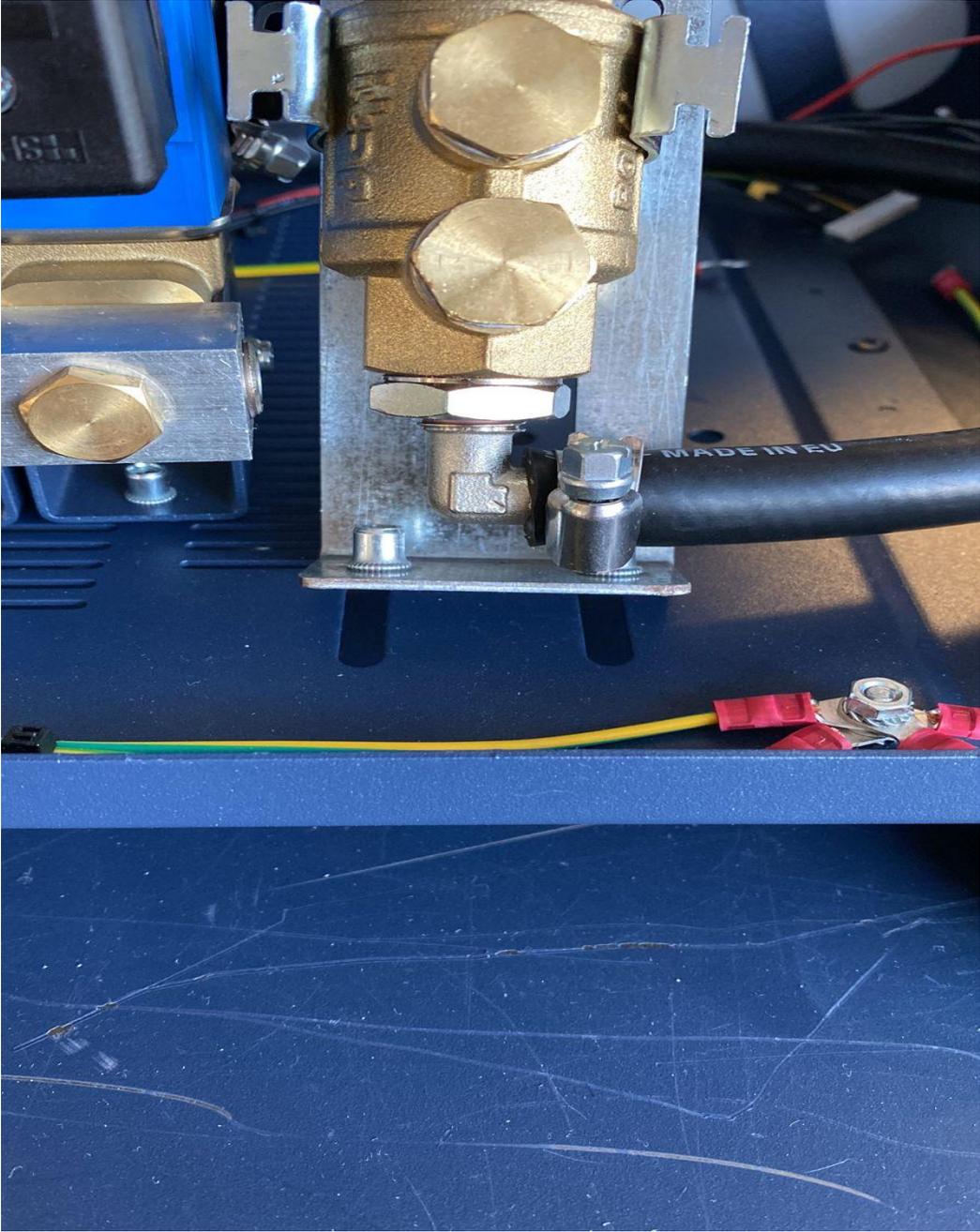
D hose on the middle port and R hose on the right port!!



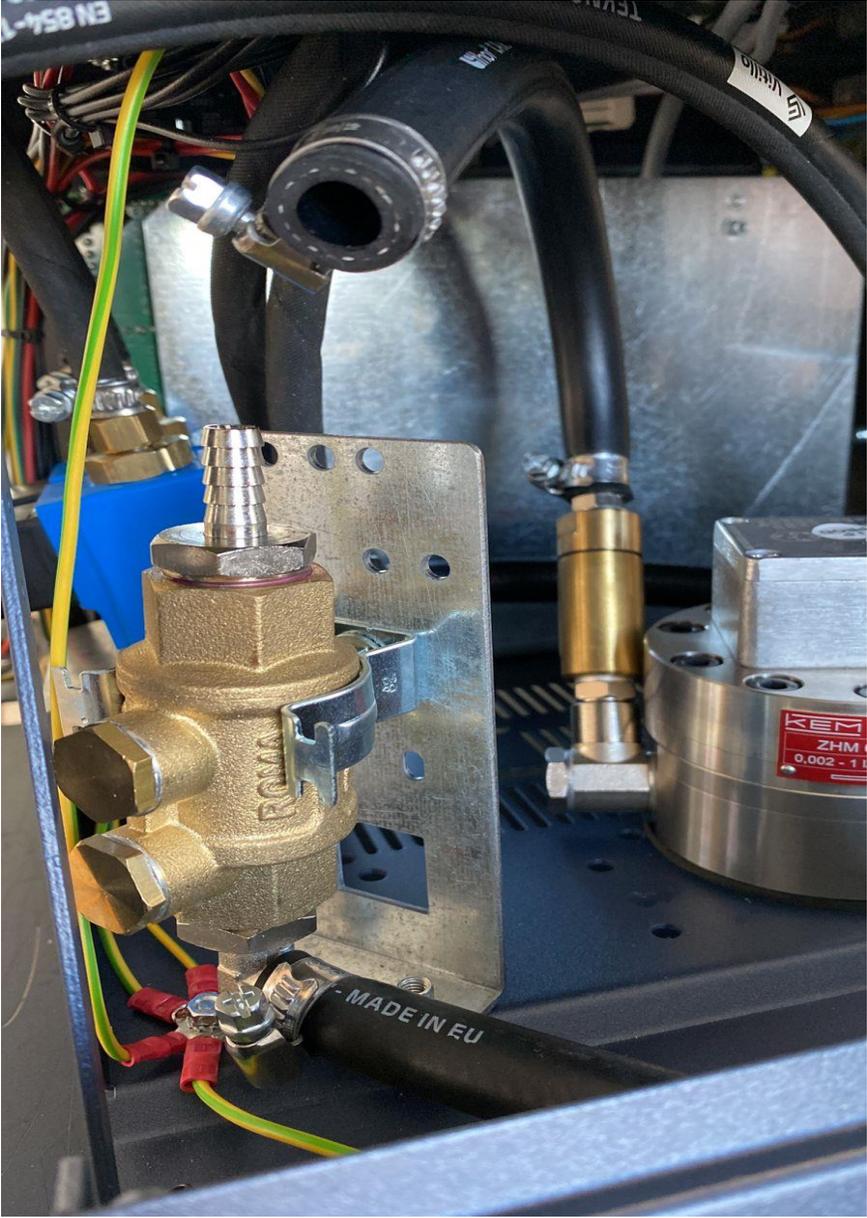


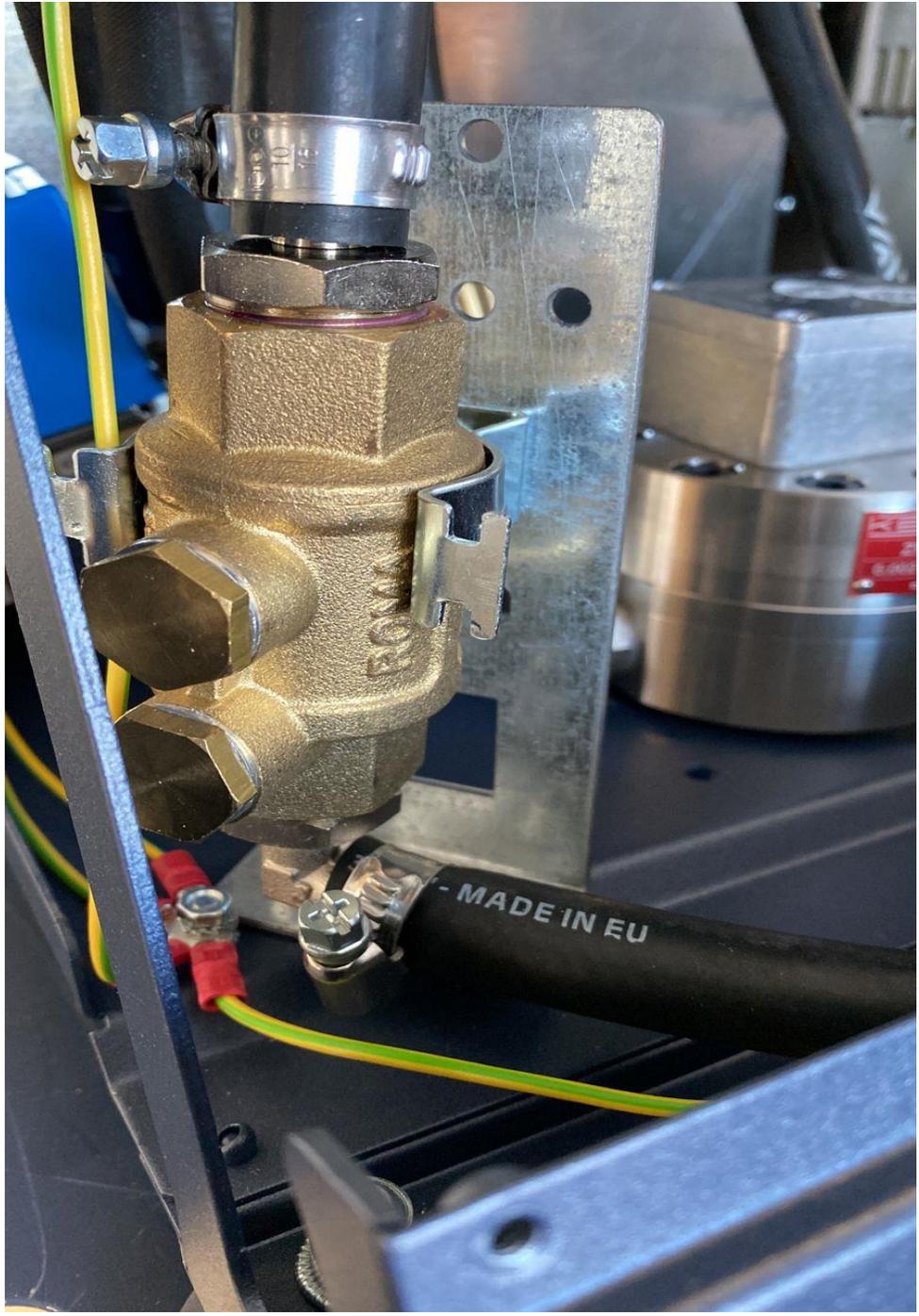


Step 7: Place the new valves. Tighten the valve output hoses.



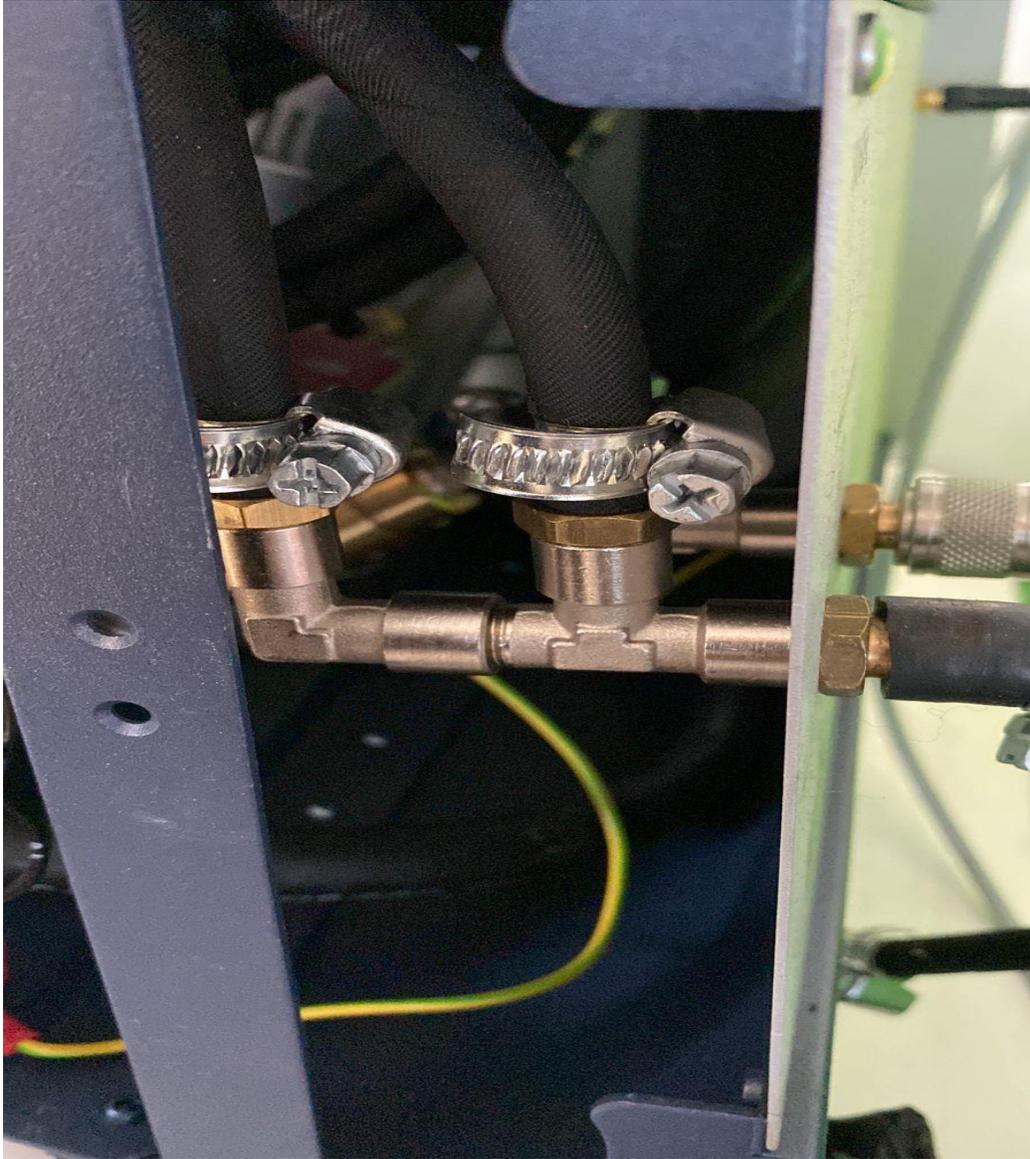
This hose is out valve from in sensor measure.





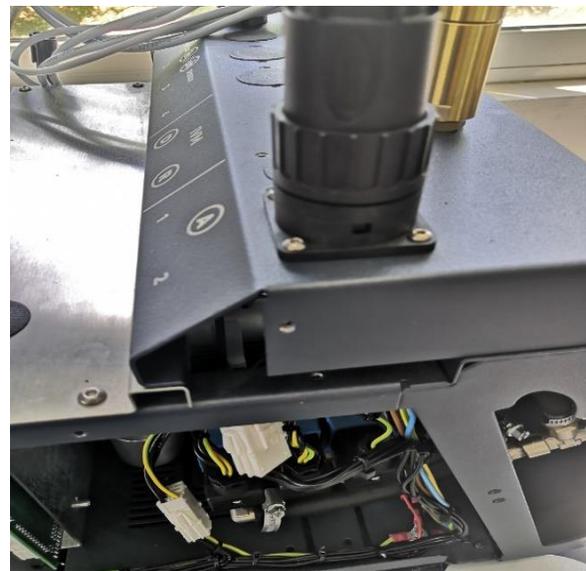
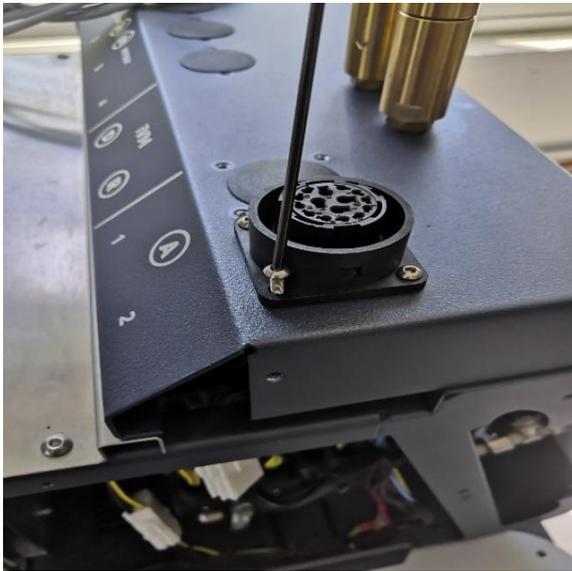
Step 8: Connect the return black hoses from the valves return to the back panel as shown in the photos.



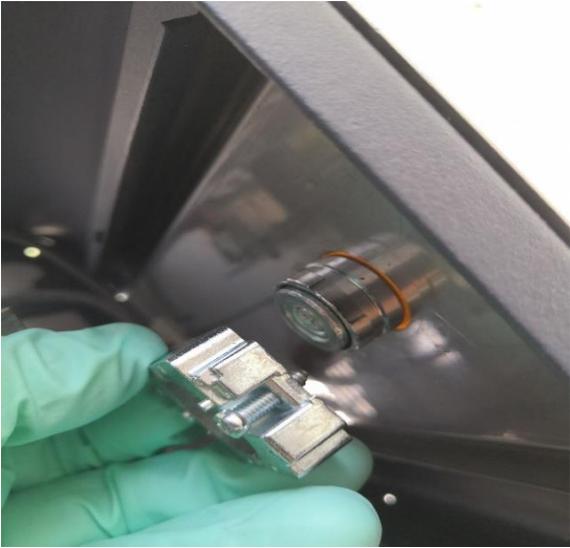
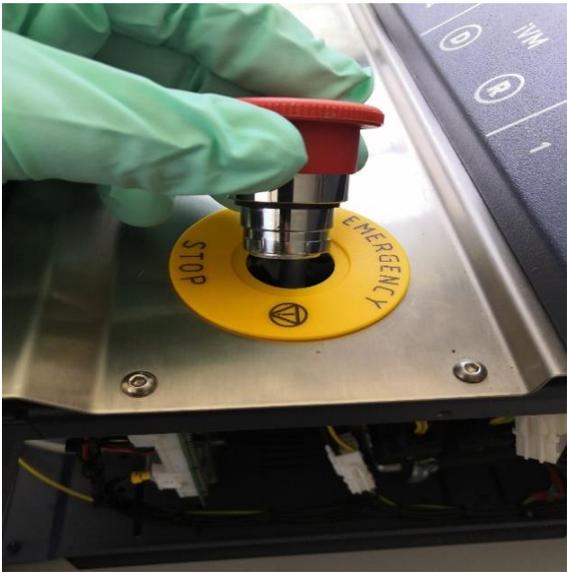




Step.9_Remove the cup from A2 and connect the white adapter cable (male to female).



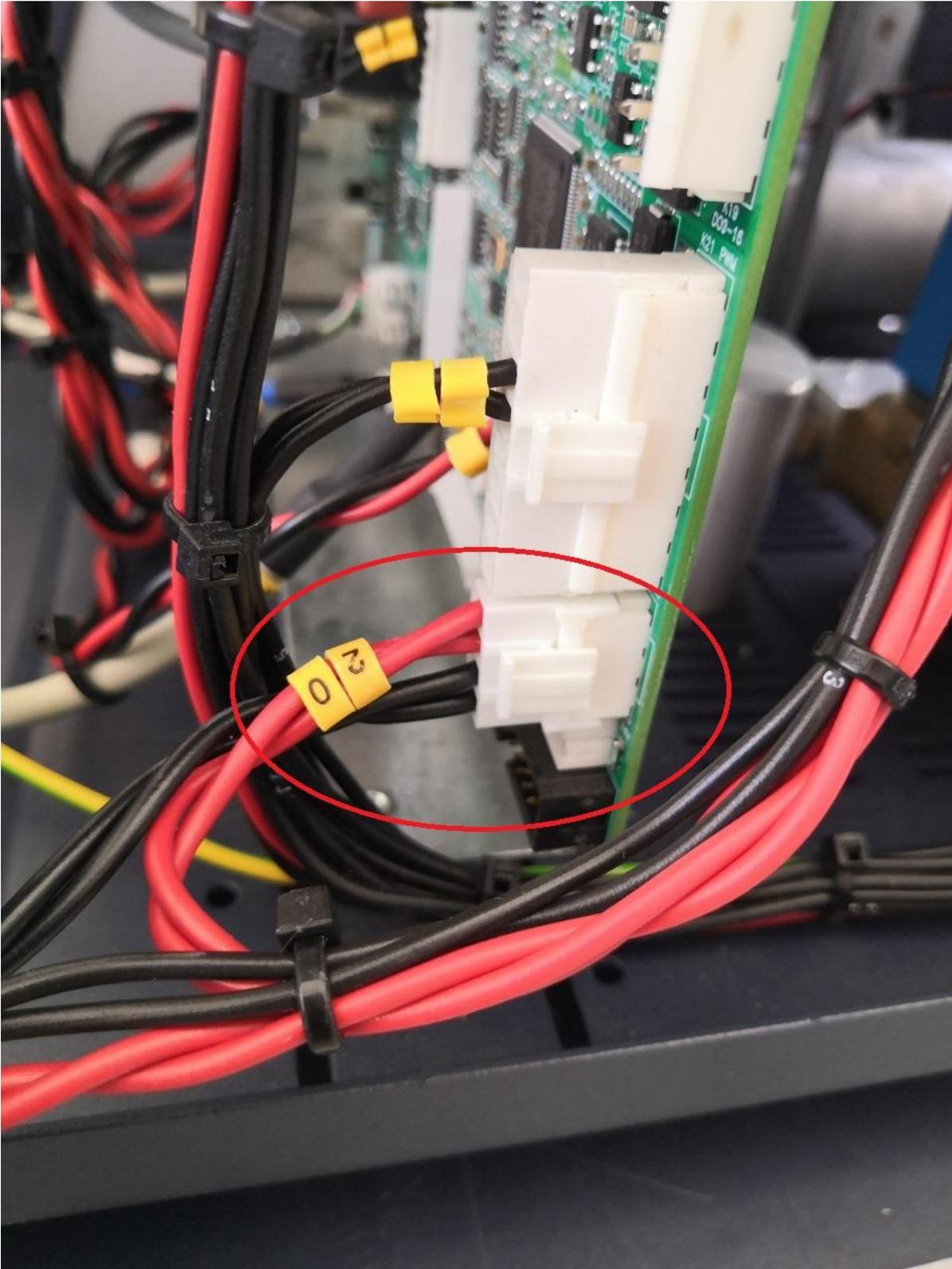
Step 10: Remove the cup from the stainless-steel panel and install the Emergency Stop button.



Step 11: Install the cable adapter on the Emergency Stop connector:

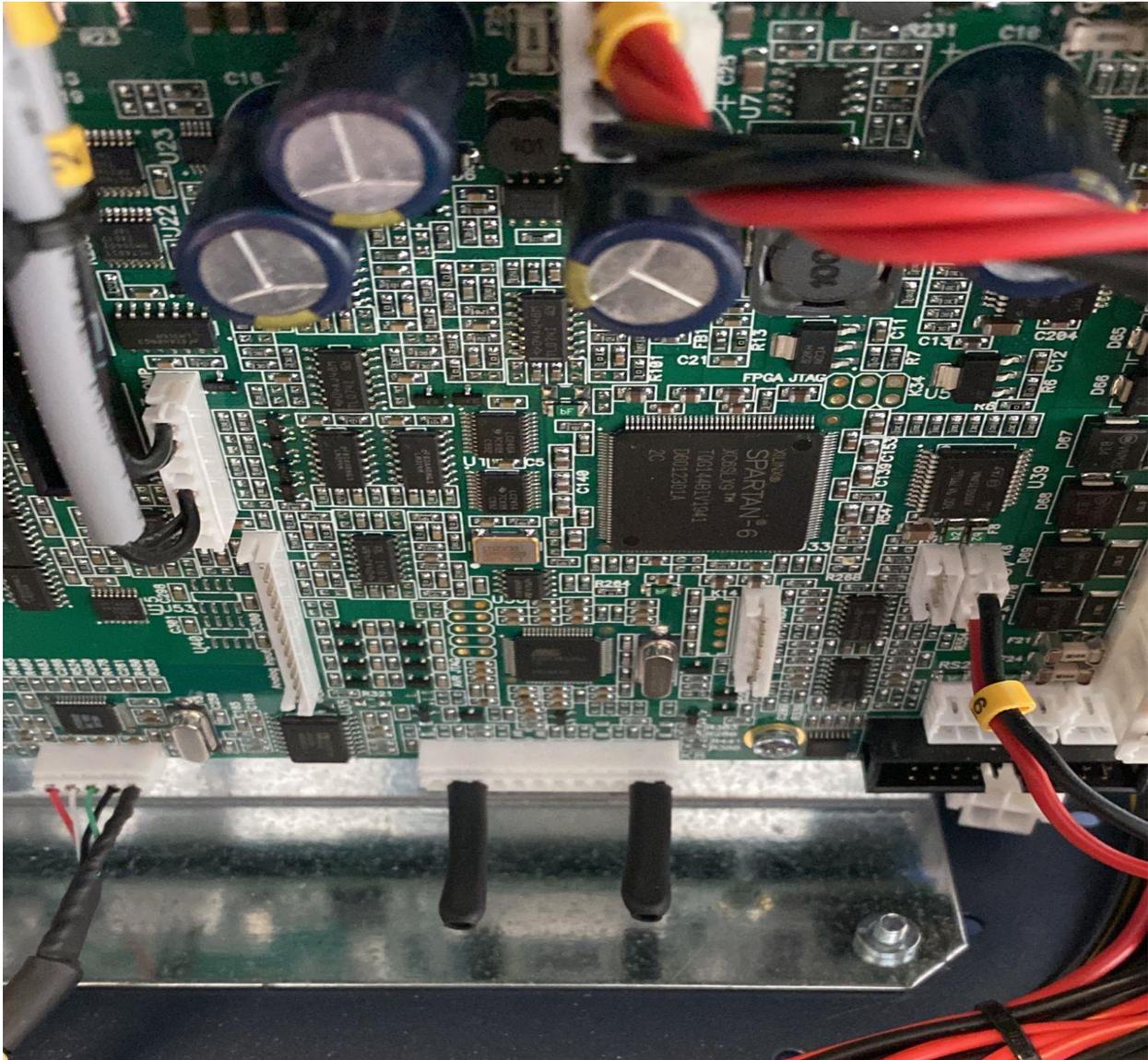


Step 12: Plug the cable adapter to the K20 connector on the PCB Board:

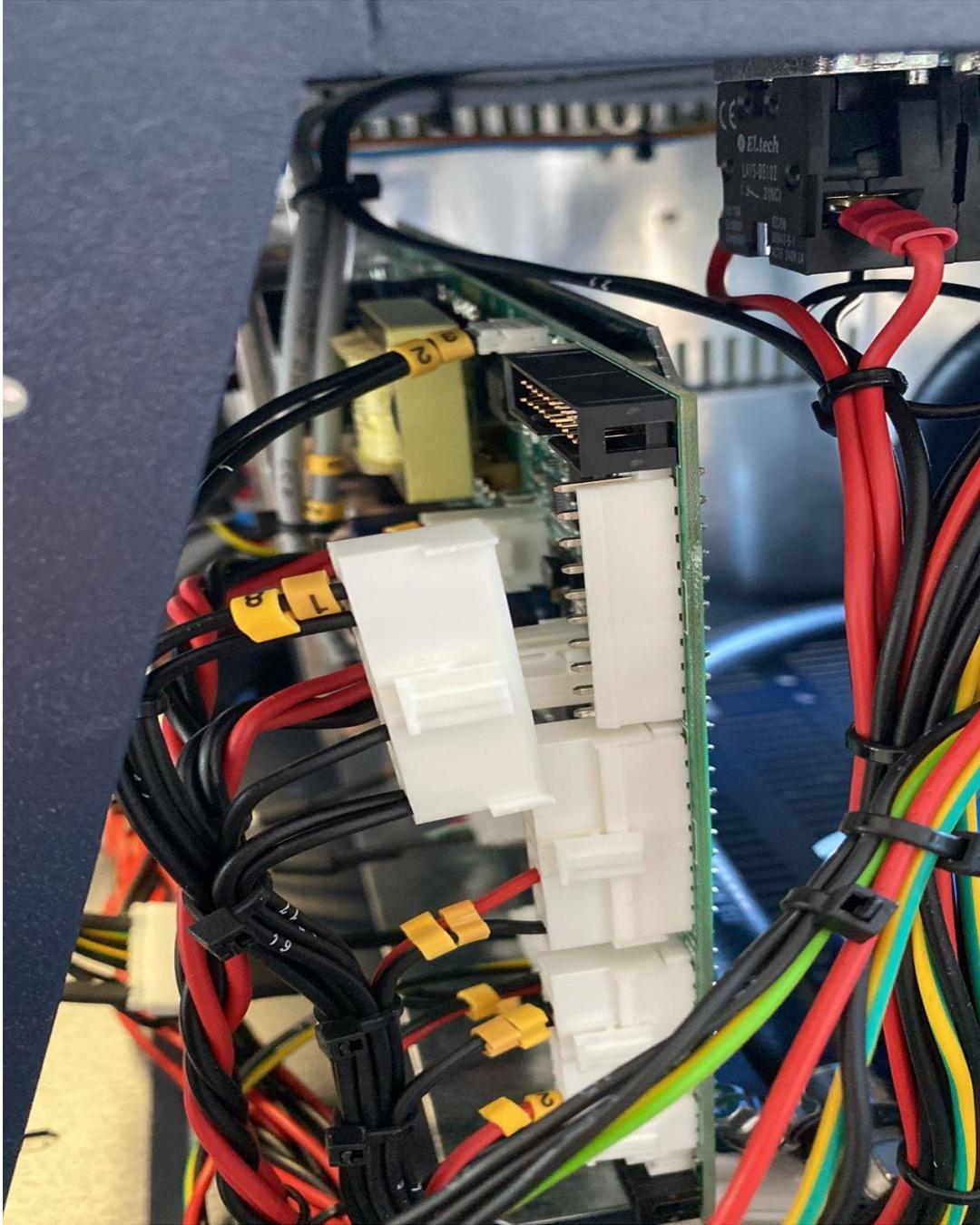


Step 13: Disconnect the old cables on the board and white connectors and connect new cables. And connect the cables of the adapter to the cables of the machine. Assign the cable numbers to the yellow markers of the adapter as shown.

A. Old cable K8.



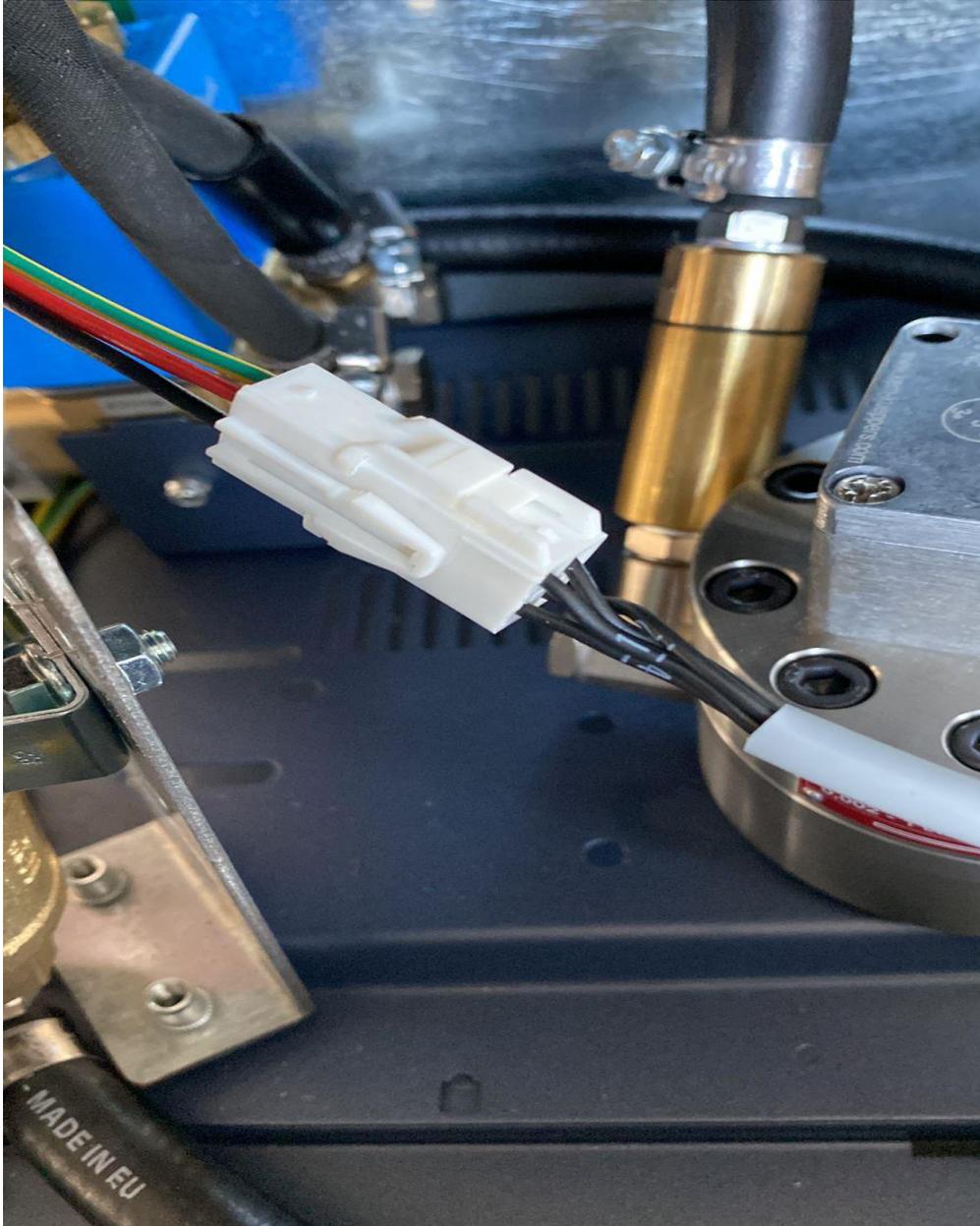
C. Old cable K18.



D. New cable K18.

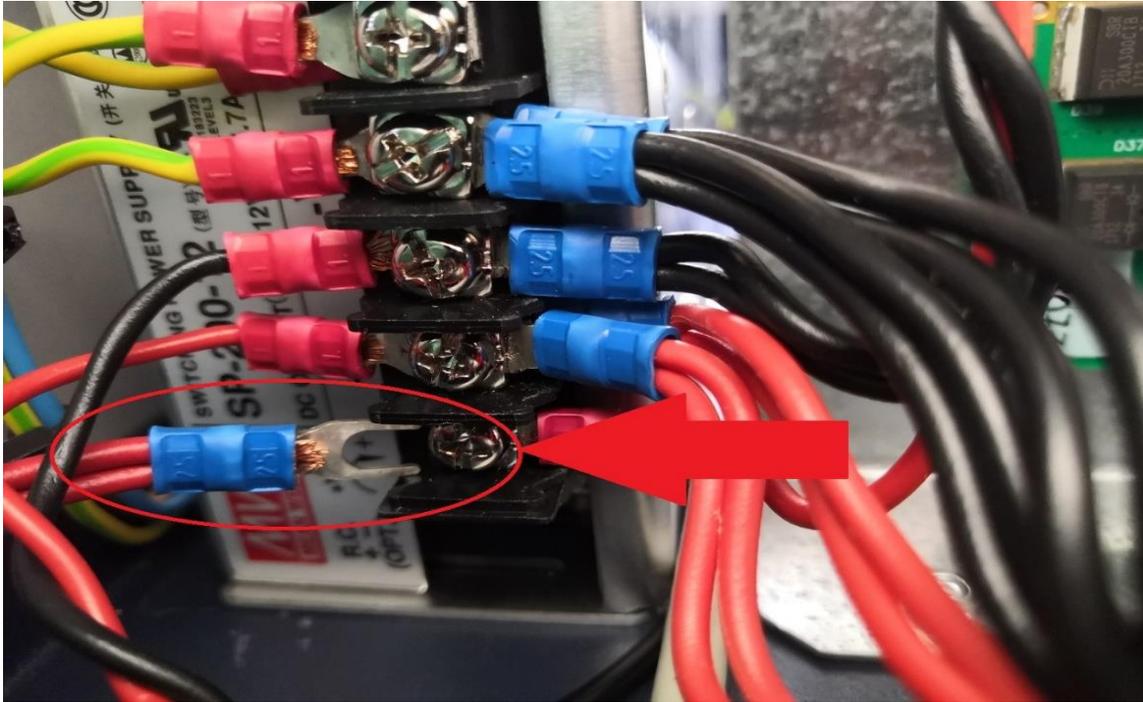


E. Connect the white connector from sensor measure.

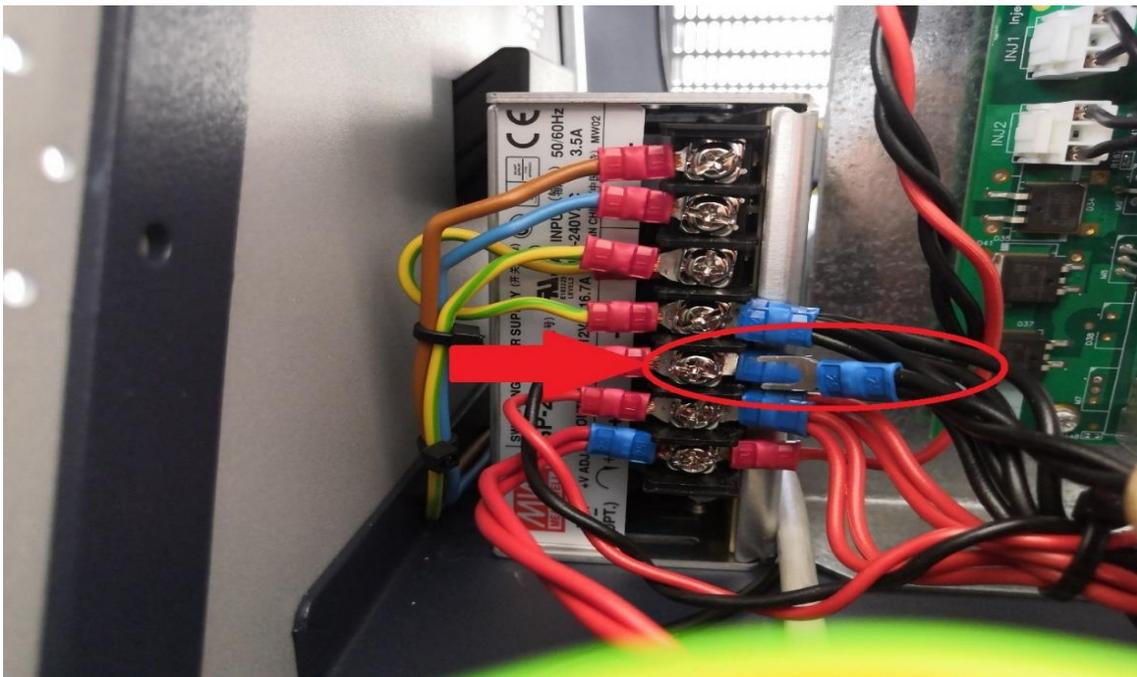


F. Install the RED cable to +12volt and the BLACK cable -12volt on the PSU power supply

RED to +12volt RED to PSU power supply



BLACK to -12volt RED to PSU power supply



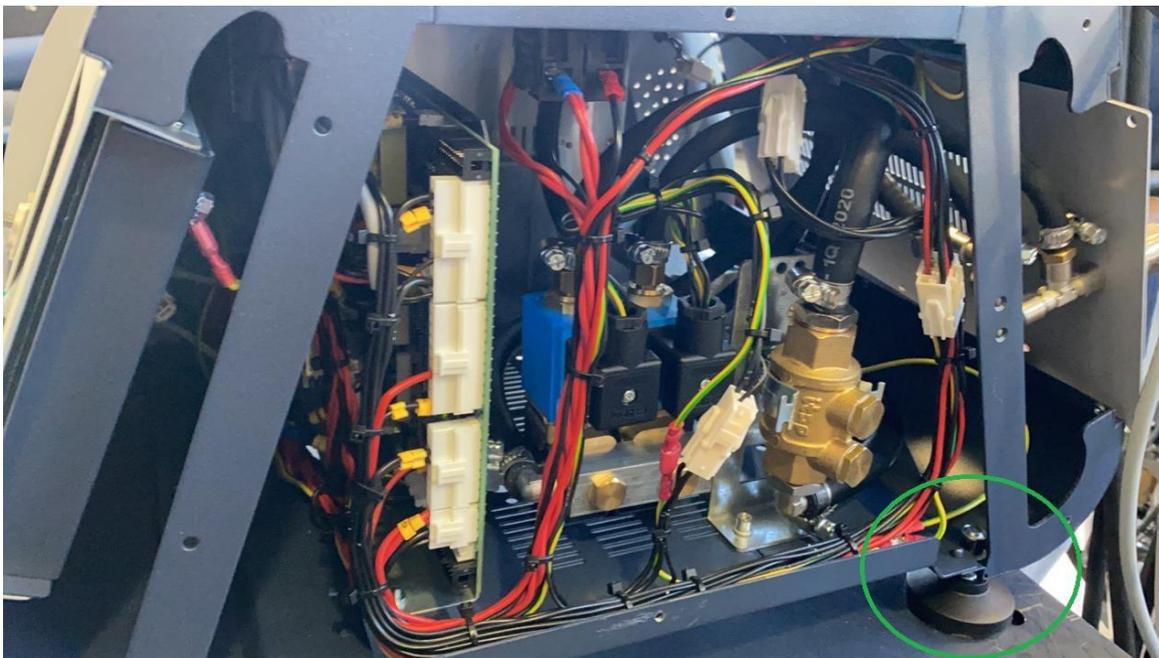
Step 14: Connect the cables on sensor and hoses picture 1.

And replace the mats with the new ones you received picture 2.

Picture 1



Picture 2



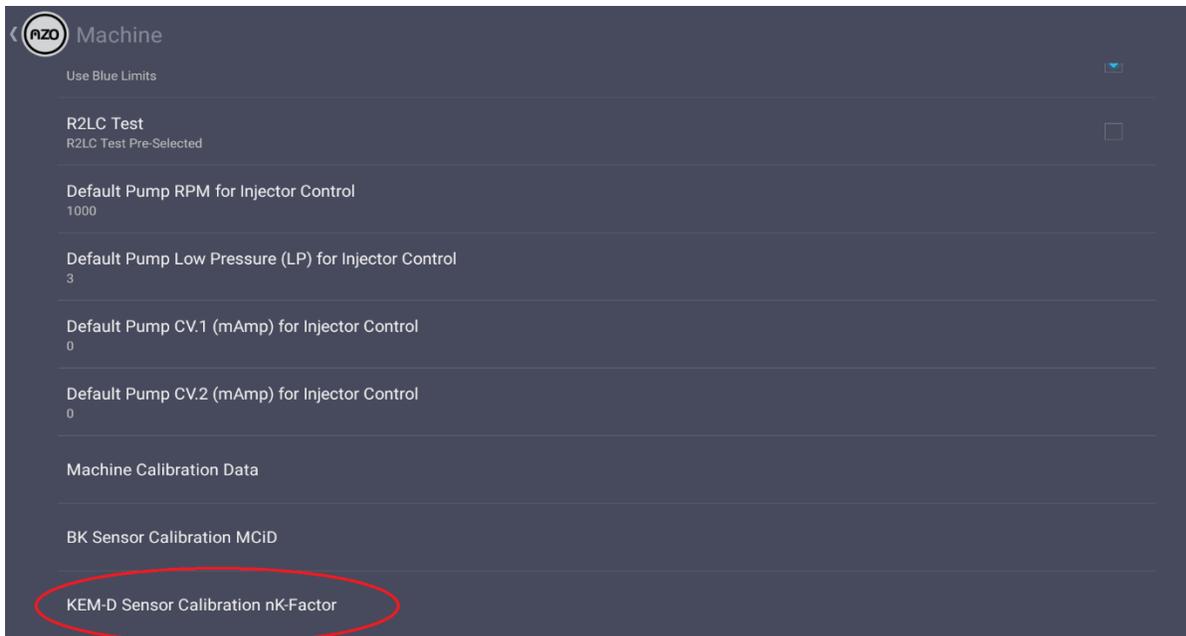


Final step: Assure that every connection of cables and hoses is properly done and make one full test with open side panel to check for leaks and send us the same last picture to check if you are connect all parts and cables to correct possitions.

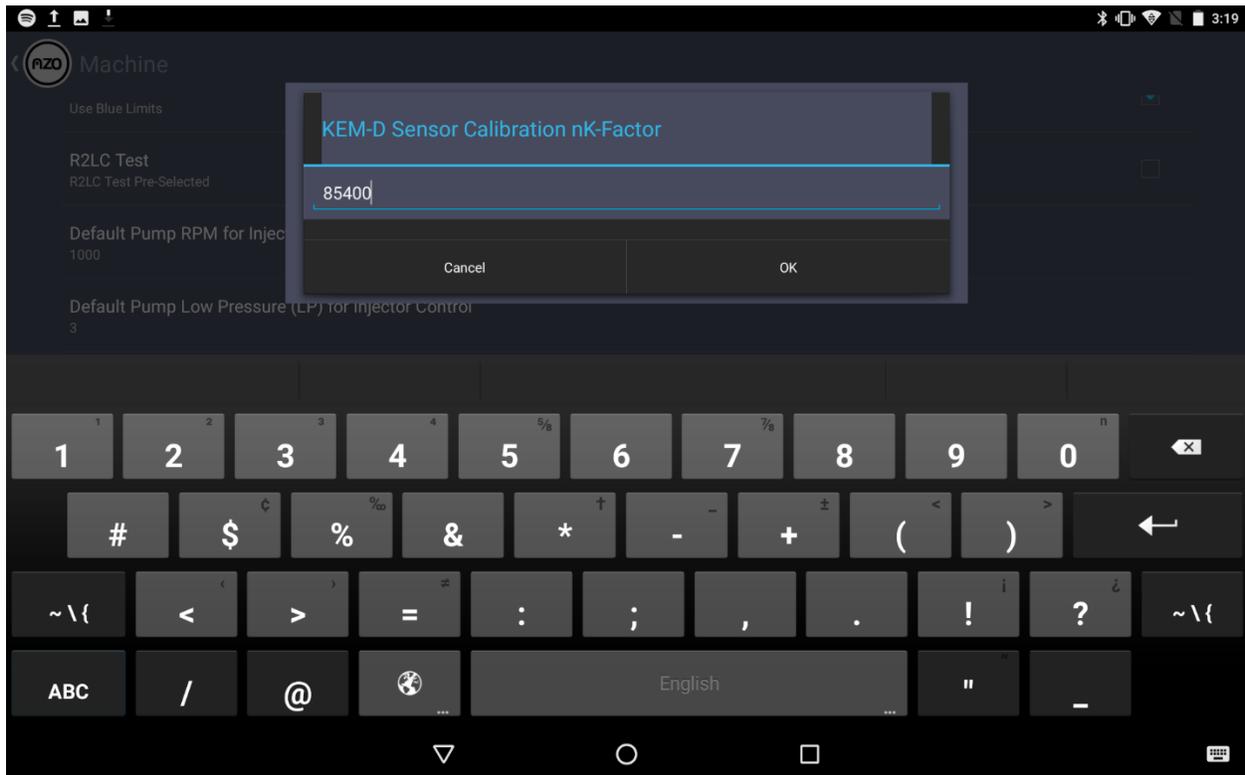
Step 15: In the machine tab select “KEM-D Sensor Calibration nK-Factor” you found on the sticker new sensor



- A. Log in as service. (Username: service – Password: 12345)**
- B. And press 3 dots > Settings > Machine > Kem-D Sensor Calibration nK-Factor.**

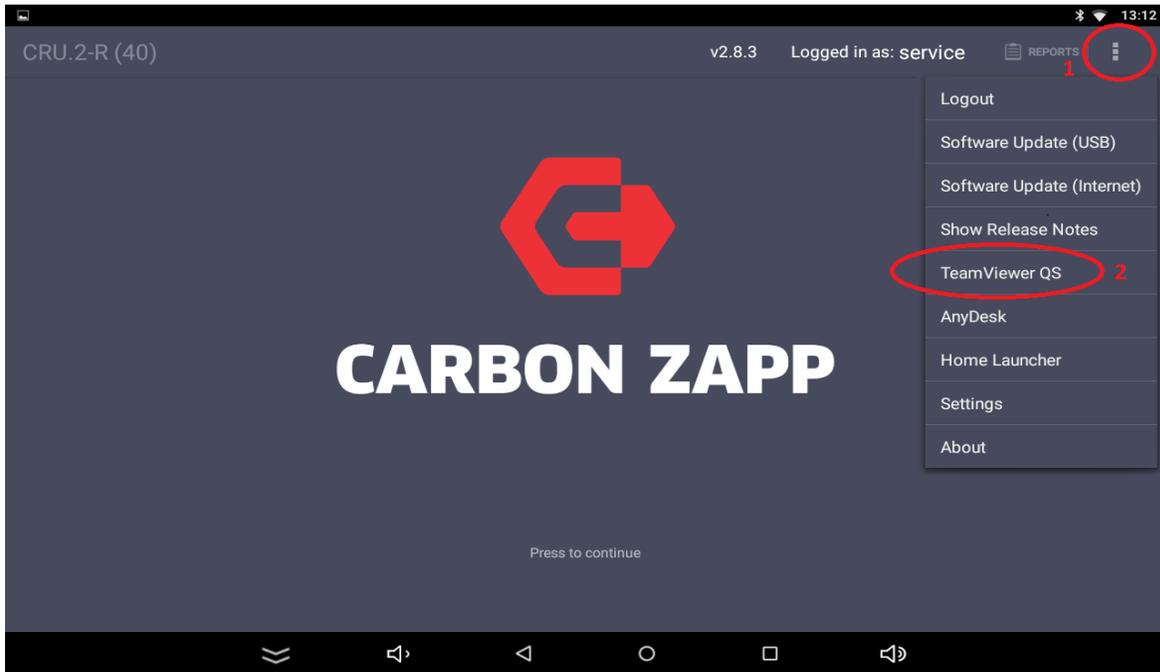


C. Write the number you see on the sensor sticker Step 15.

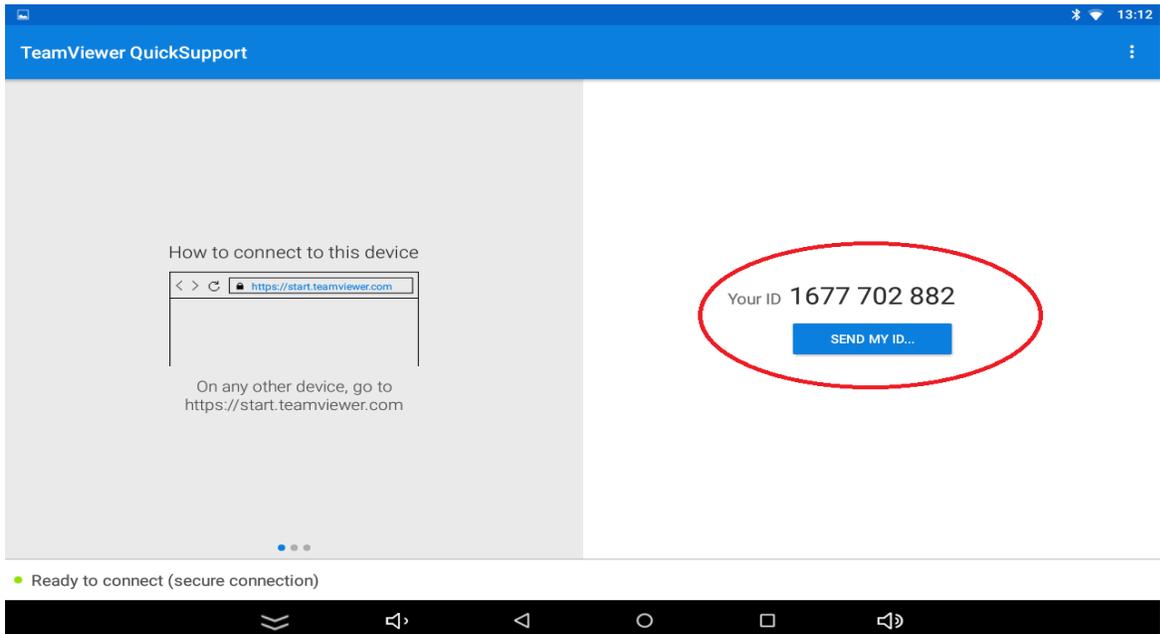


Step 16: Open the TeamViewer QS send us the ID via email support@carbonzapp.com to change the program.

A. Press 3 dots and next TeamViewer QS.



B. If you are not connected to the Internet, the ID will not appear!





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