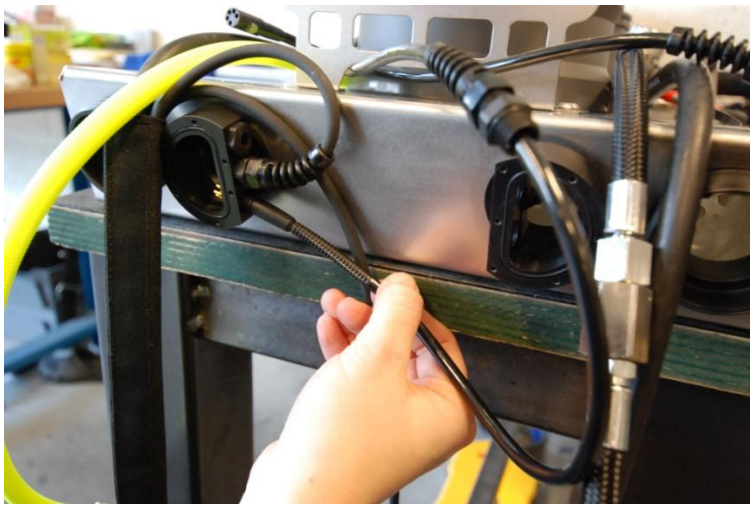
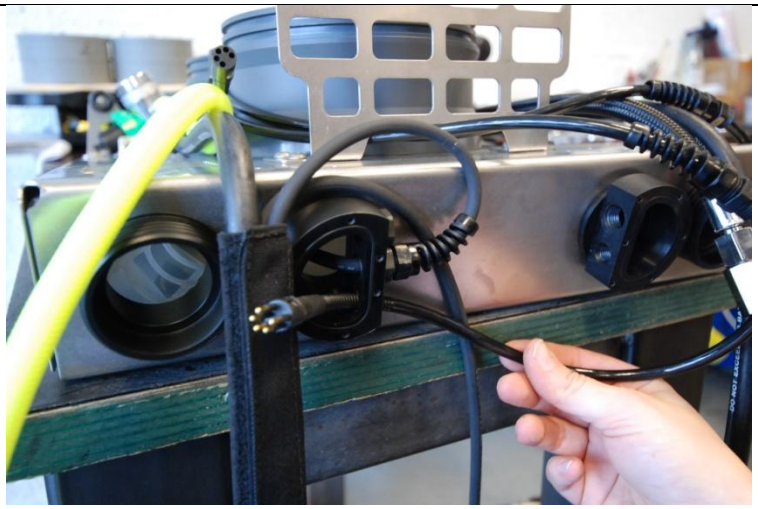
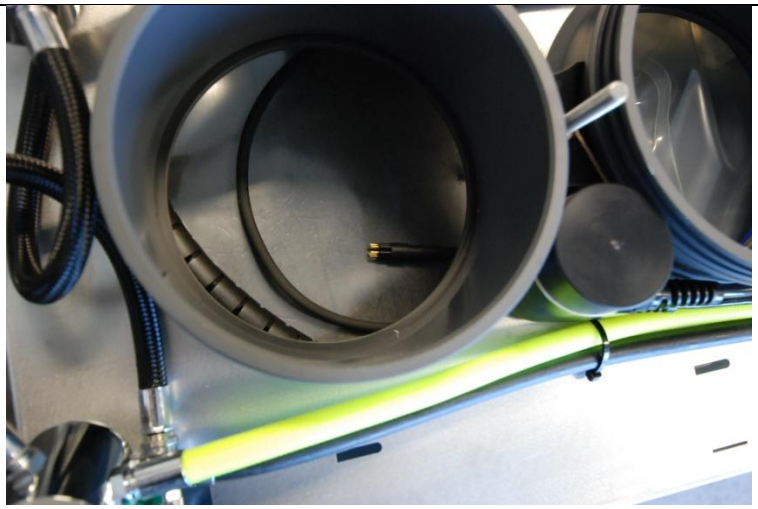
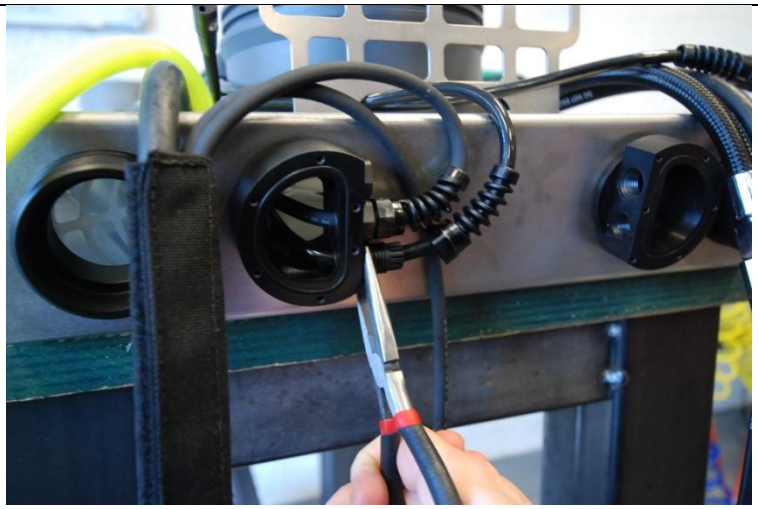
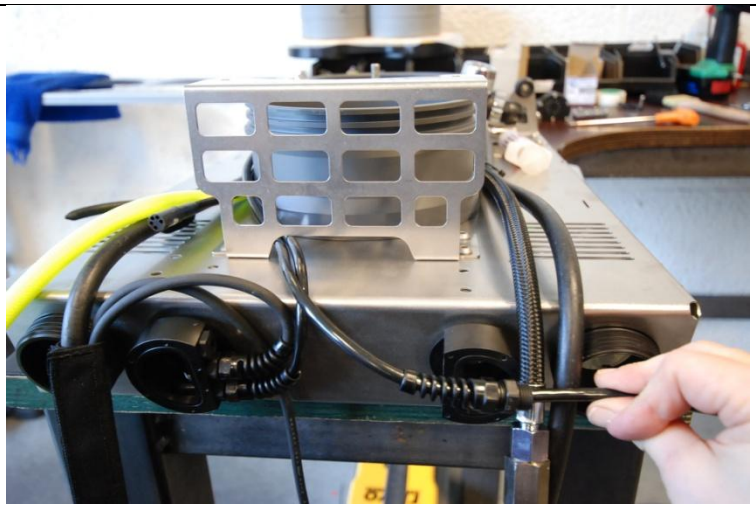
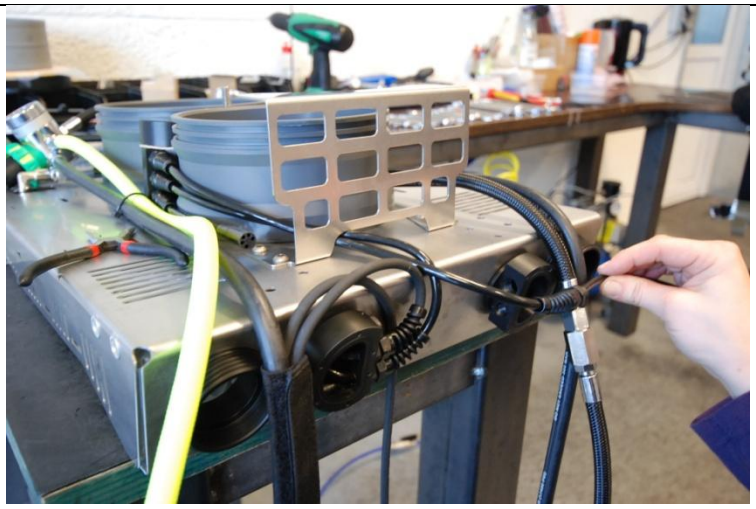
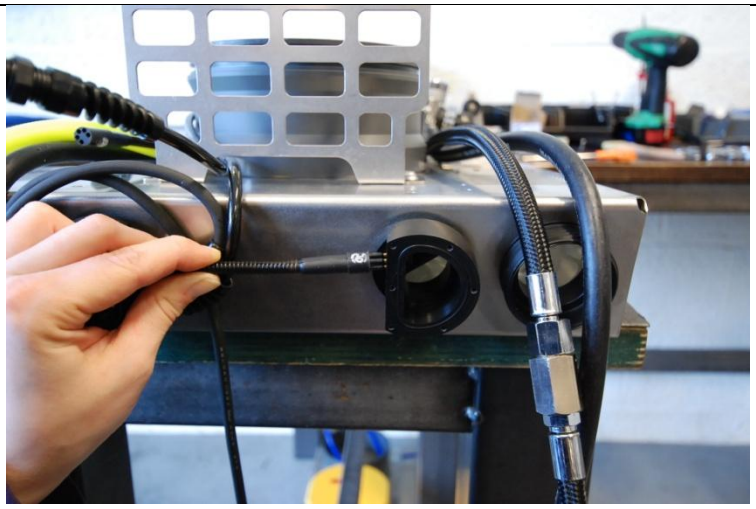
	Put the battery pack in place. The lowest cable from the battery pack goes to the Predator Divecan. The middle cable will go to the inhale lung. The upper cable will go to the exhale lung
	Slide the middle and the upper cable, with the male connectors, under the top protection of the rEvo
	The middle cable goes to the bottom hole in the triple connector. The middle hole is for the first rEvodream, and the upper hole is for the optional second rEvodream

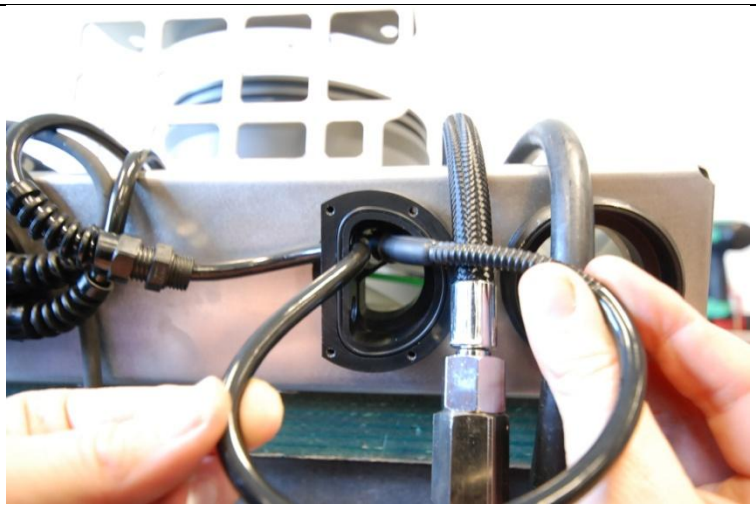
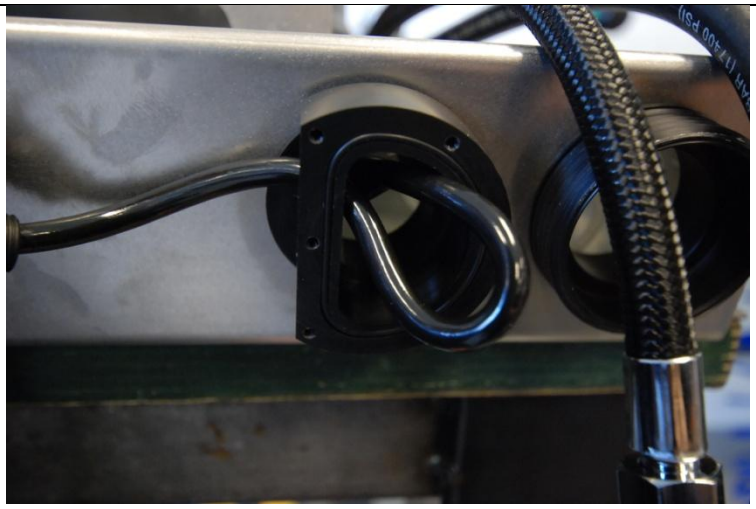
	Put the male connector through the bottom hole …
	and bend the connector gently to the outside, ..
	..so that you can pull the cable to the outside of the unit.

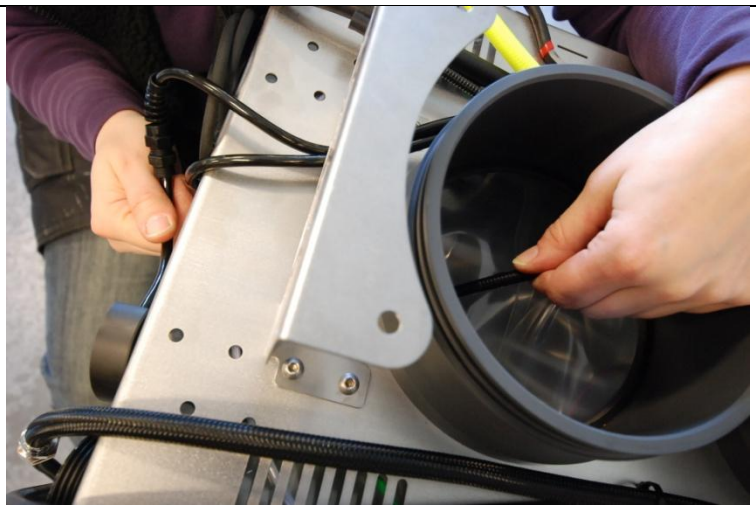
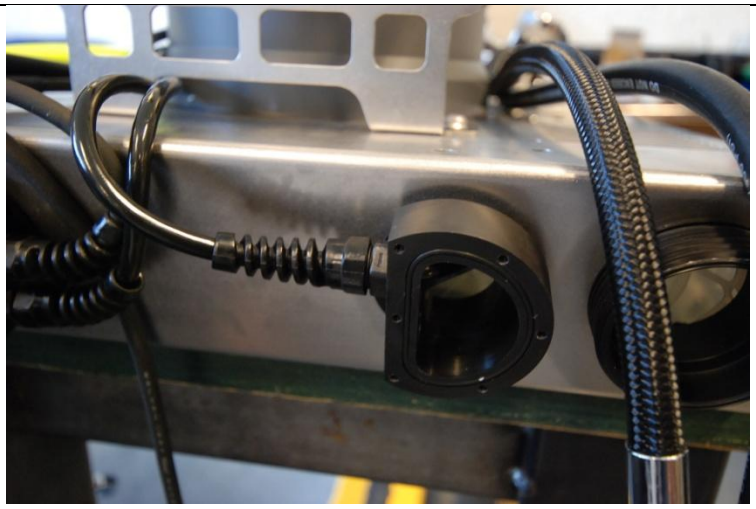
	Only then put the cable inside the inhale lung, ..
	.. until it makes a small bend...
	.. and push the cable completely inside, while at the same time you pull gently on the cable end.

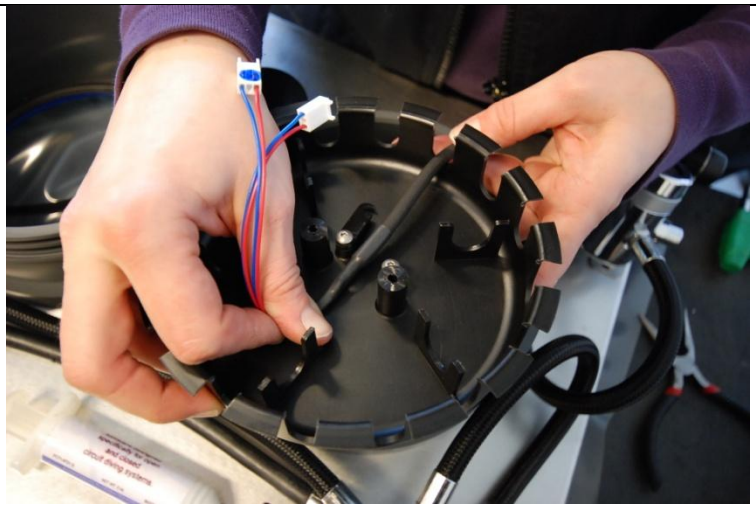
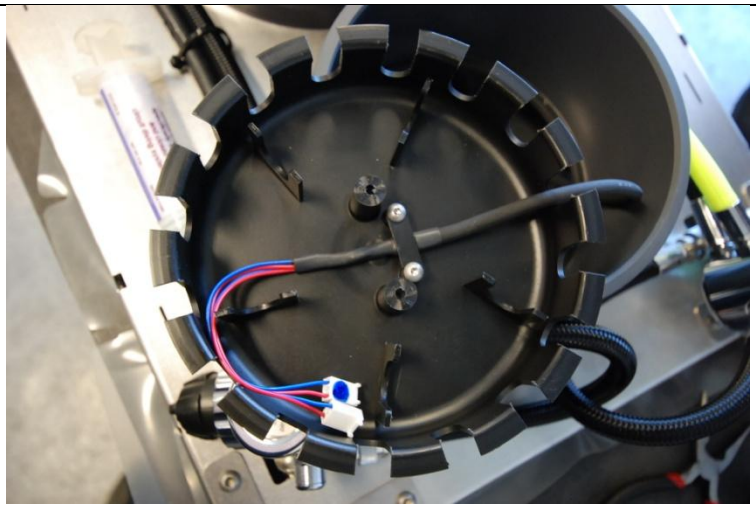
	Screw the first part of the cable gland into the triple connector, and..
	.. use a key or pliers to screw the gland till the end.

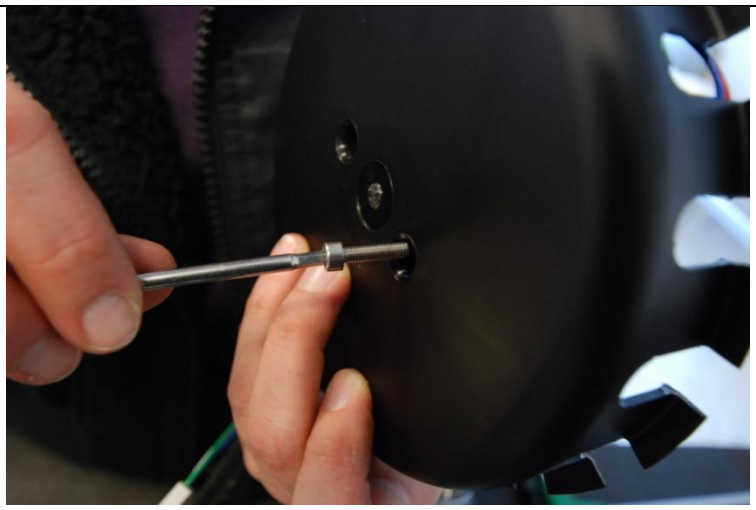
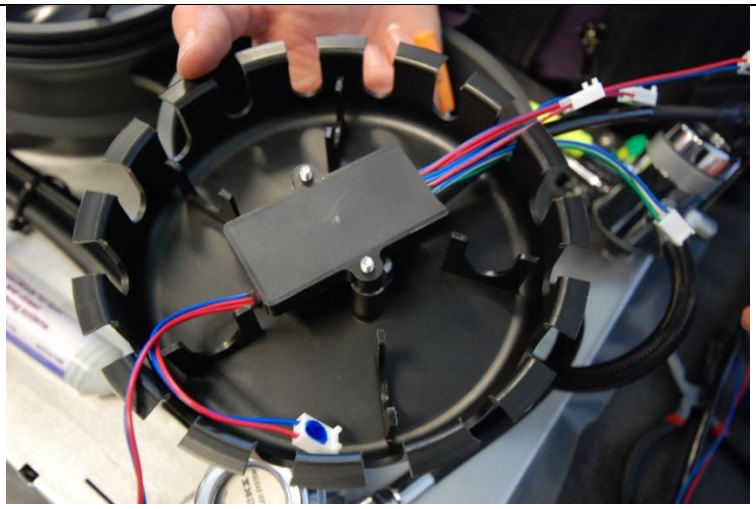
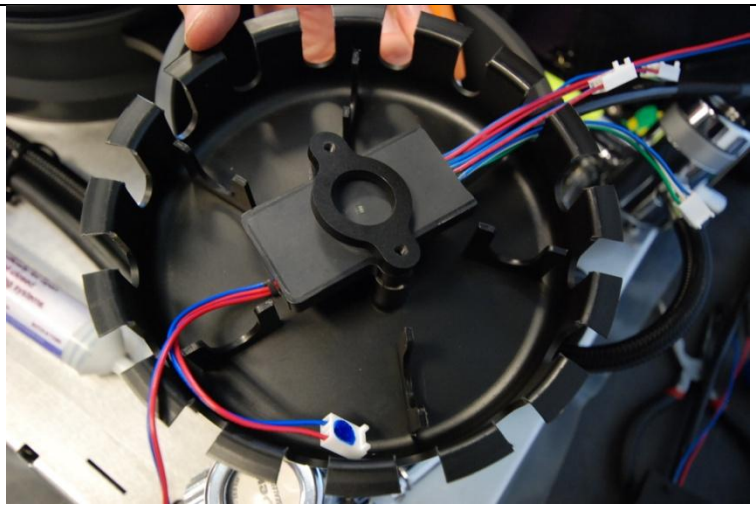
	Now check for the correct length of the cable: the cable should make a nice route to the triple port, so that there is no stress on the cable, and ..
	… makes a gentle curve toward the entry port. The excess cable is pushed into the port. Now fasten the second screw of the cable gland: hand tight and then only ¼ turn with a key or pliers. There should be +/- 1mm to 1.5mm between the 2 parts of the cable gland.

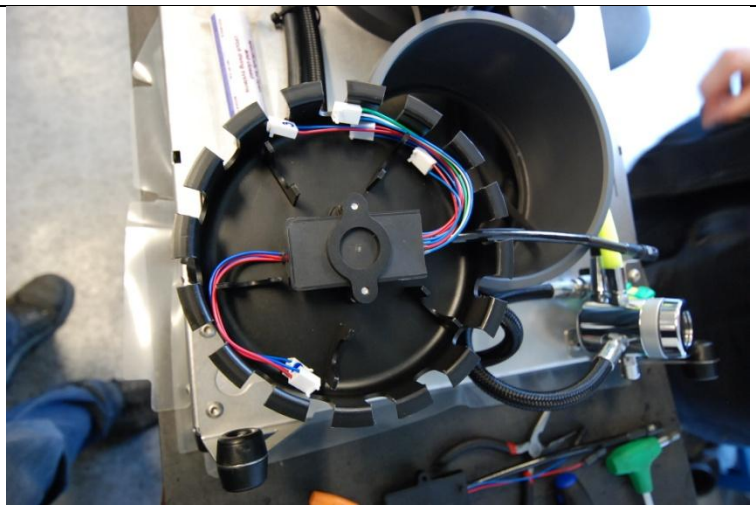
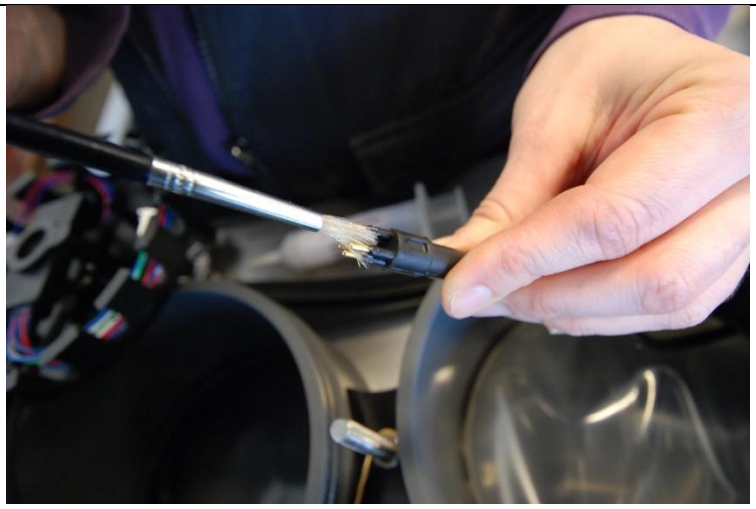
	Now we install the upper cable from the battery box to the exhale lung.
	Make sure the cable does not make twists around other cables.
	Insert the cable into the upper hole of the OPV.

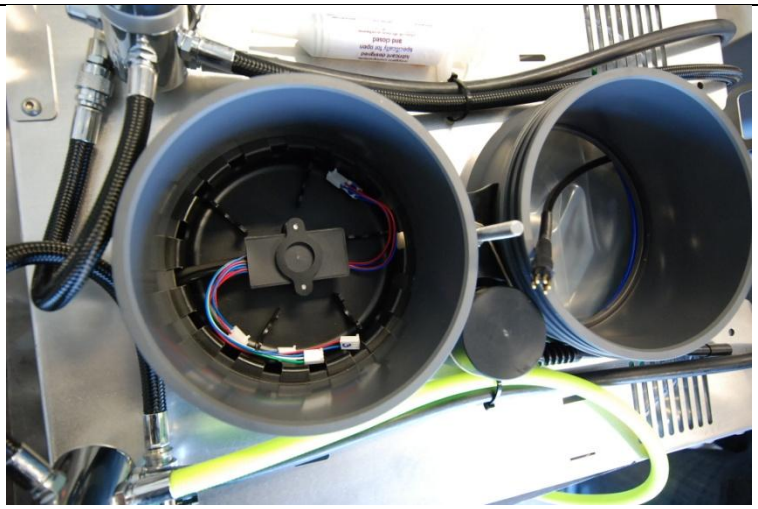
	Bent the connector gently outwards, and pull the cable to the outside of the unit.
	Now insert the cable in the UPPER SMALL opening of the OPV port: the cable should NOT go into the main bigger opening, as that opening is reserved for the functioning of the OPV itself.
	Push the cable in the upper opening till you have a small part left, and then pull on both sides of the cable, outside the unit,…

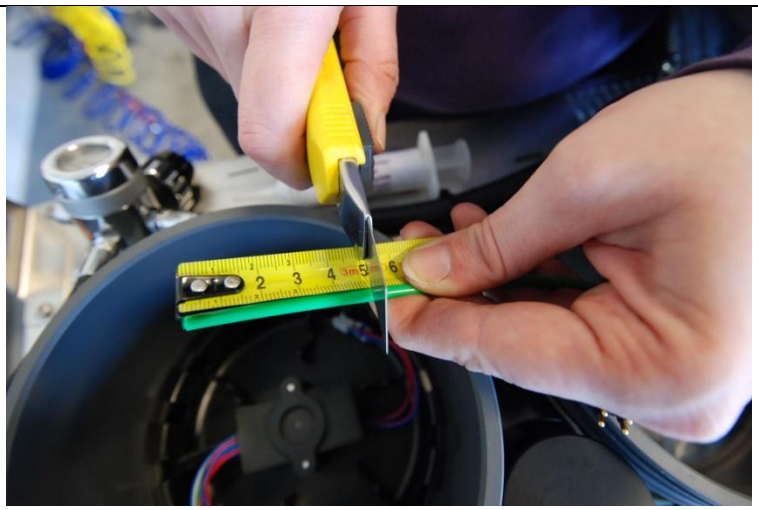
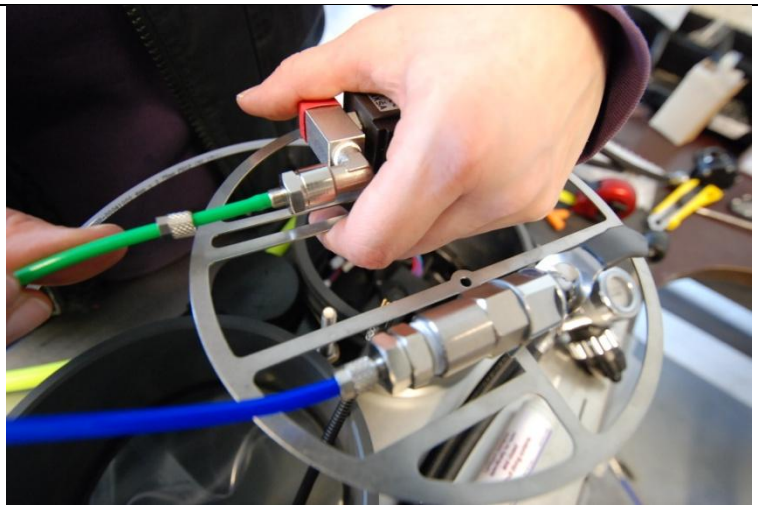
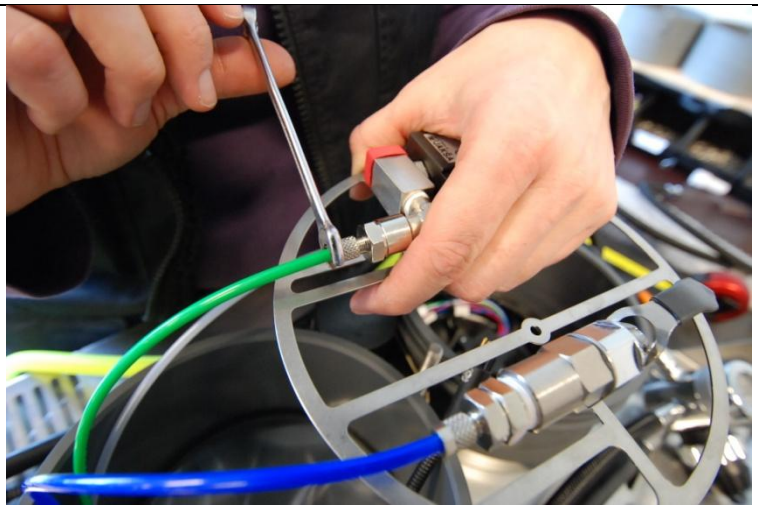
	… and at the same time at the end of the cable inside the exhale lung, so that you try to ‘rubb’ the cable as little as possible against the walls of the OPV.
	Fasten the first screw of the cable gland.
	Adjust the length of the cable so that there is no stress on the cable, and the cable makes a nice curve towards the OPV.

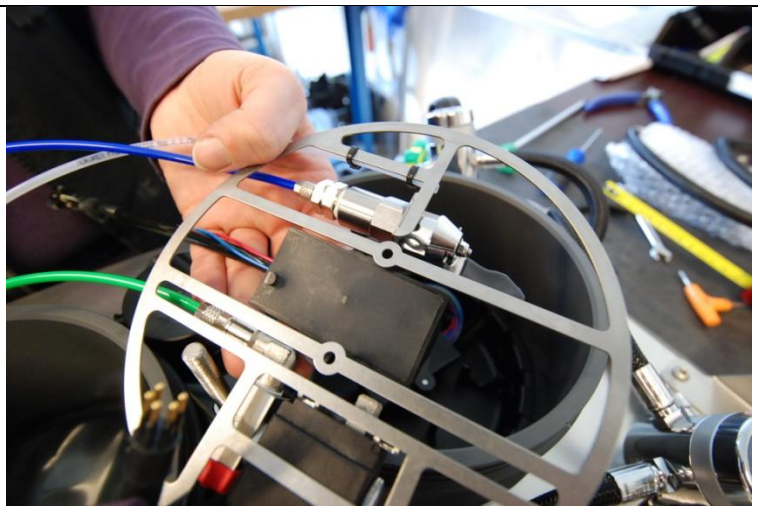
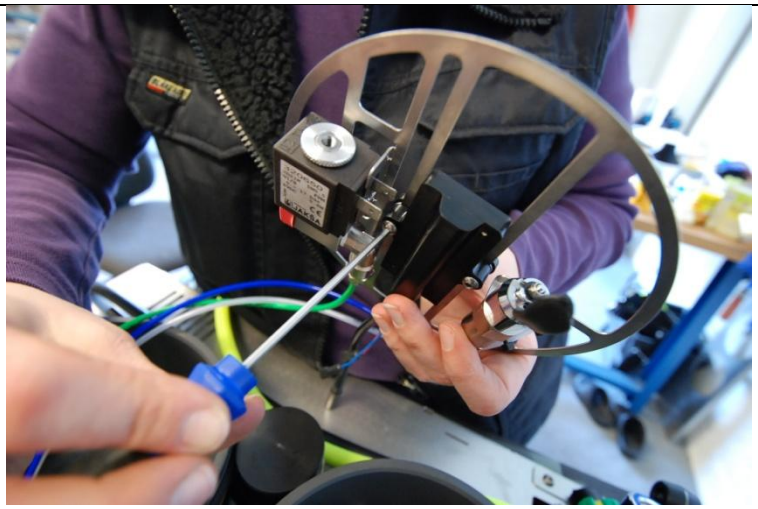
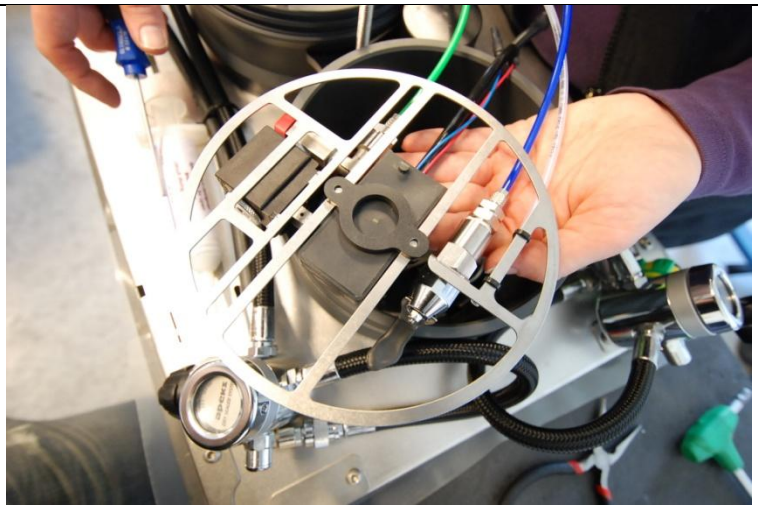
	Fasten the second, the outer screw of the cable gland, hand tight and then ¼ turn with a key or pliers.
	Before fitting the parts of the rMS, fasten the cable (s) of the rEvodream onto the new sensor tray. All cables always ‘enter ‘ the tray on the side of the flat cable clamps.
	If the cable would ‘slide’ under the fixation, you can always fix a small tie wrap around the cable, that will prevent it from moving away.

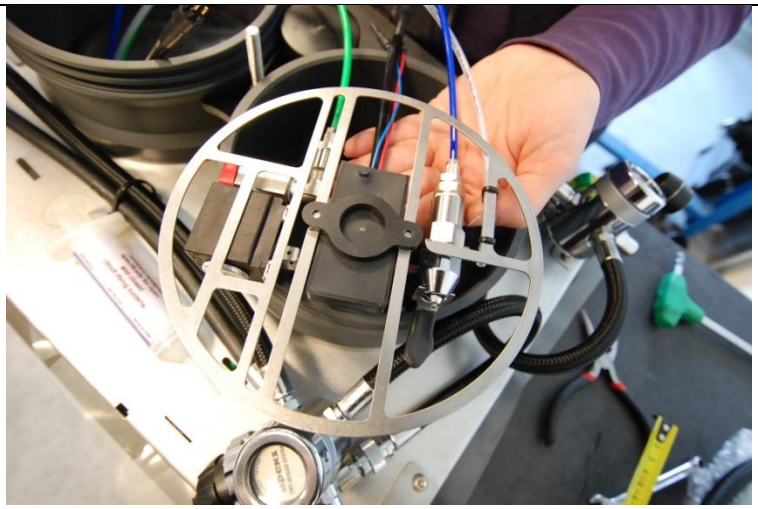
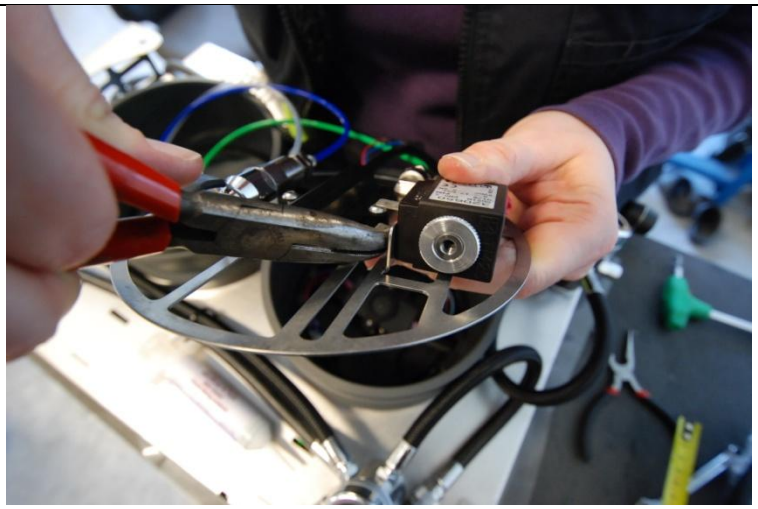
	Now use the long screws..
	….put them through the oxygen sensor board of the rMS, (remember the CAN cable with the connector on the same side as where the rEvodream cable comes in)..
	… and fasten the board with the threaded plastic part.

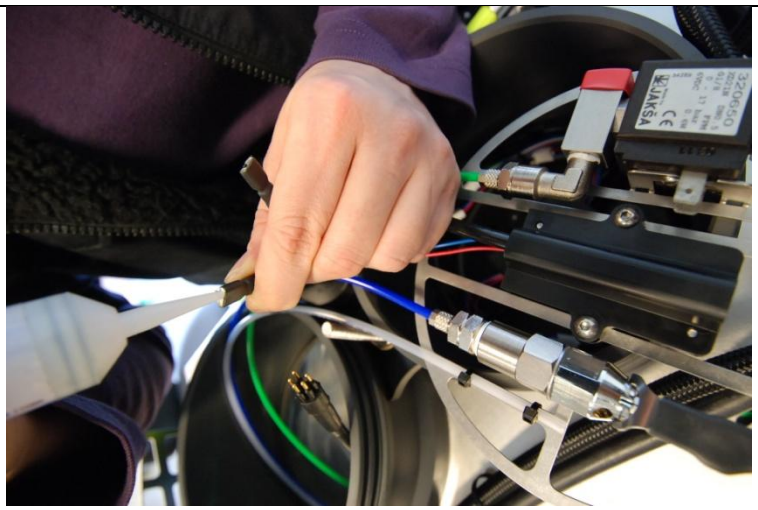
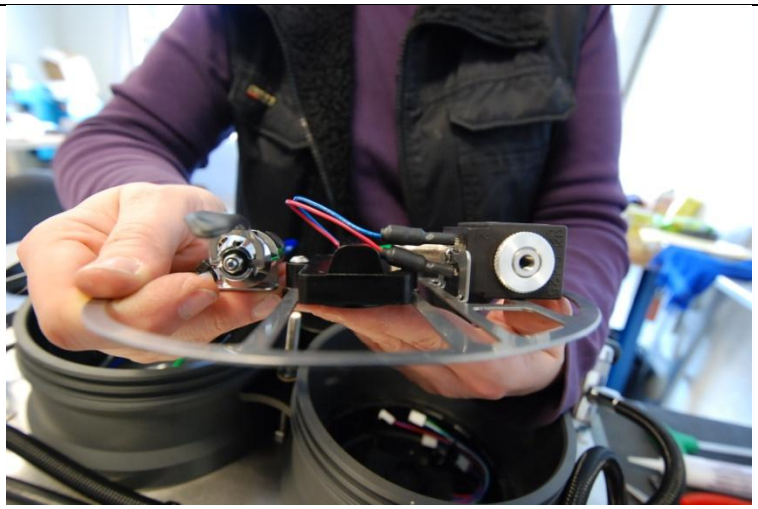
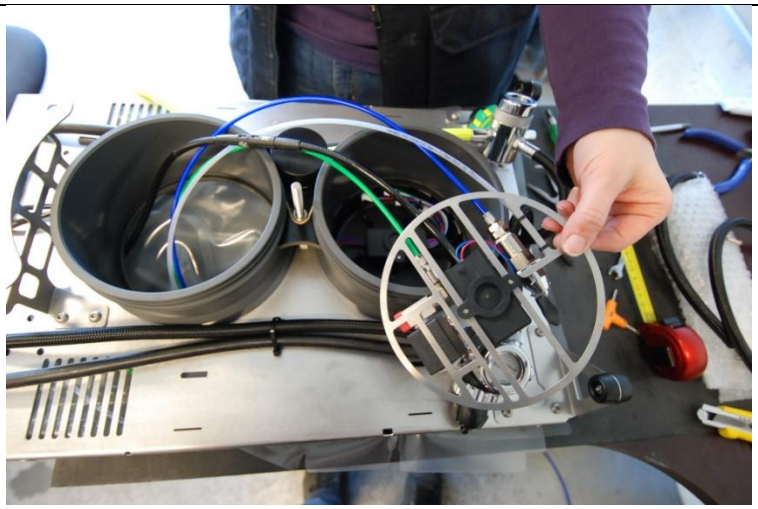
	You will notice that the connectors of the sensors have different length, the shortest goes to cell fixation 1. The connector with the 3 wires is not used yet.
	Before plugging the DIVECAN connector, lubricate a little bit with silicon oil.
	Make sure that the marker indents are correctly aligned before pushing the male and the female connector together.

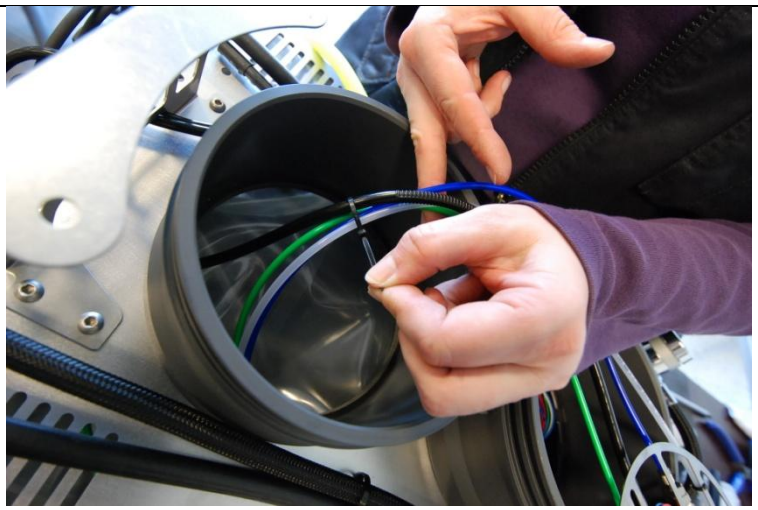
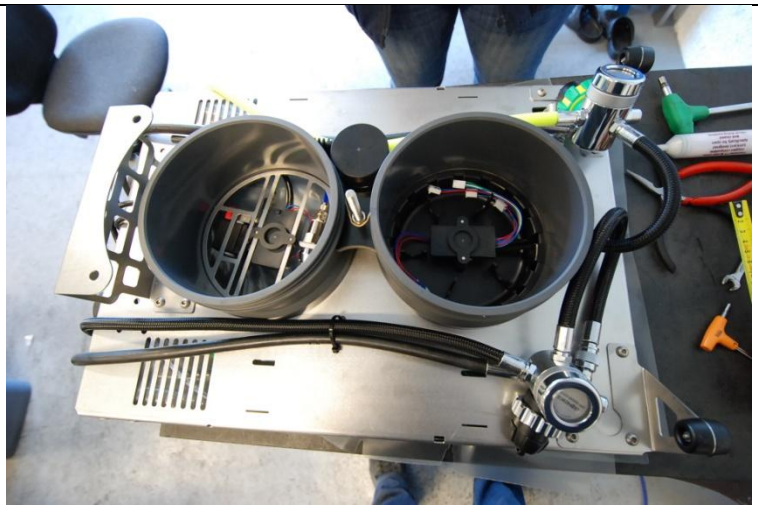
	Then push the connector till the end. (the picture shows when it is not yet fully connected)
	When installing the sensor tray under the inhale scrubber, make sure the DIVECAN cable, and the rEvodream cable make a nice curve in the lung, so that they are not under the sensor tray.

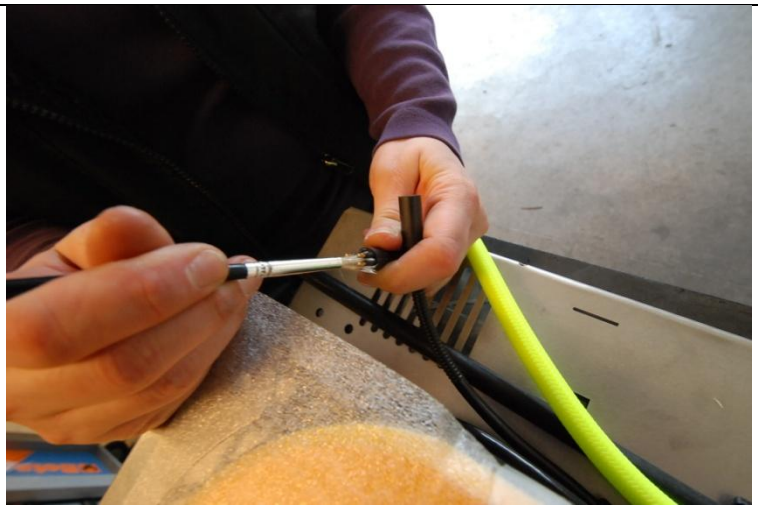
	Now we start with the solenoid grid. When upgrading from an existing mCCR or hCCR rEvo, the oxygen supply tube, the green tube, must be shortened by 50mm (2 inch)
	When you push the tubes on the connectors, green on the solenoid, and blue on the ADV, make sure that you push the hose completely over the barb, without kinking the tube, fasten the tube gland manually as far as you can…
	…and give it extra 2 full turns.

	When holding the tray this way, the blue and green hose should make a nice curve towards the exhale lung Now position the solenoid board so that the DIVECAN cable points in the same direction as the tubes, …
	.. put the 12mm screws through the holes and …
	… fasten the solenoid board with the threaded plastic part.

	The white tube can be fastened next to the ADV
	Use pliers to bend the lower connector of the solenoid, the one closest to the solenoid grid, a little bit up.
	This way the cable that feeds the solenoid can just pass the solenoid board.

	To prevent corrosion of the electrical connectors of the solenoid, you can put some oxygen compatible grease inside the cable connector.
	Now slide the electrical connectors over the pins of the solenoid..
	… and connect the DIVECAN cable of the solenoid board with the cable in the exhale lung, using a bit of silicon oil;

	Use a tie wrap to fasten the 3 tubes and the DIVECAN cable together, and push the tie wrap as far as possible inside the exhale lung, over the tubes.
	When you insert the solenoid grid in the exhale lung, the tubes and the cables make a nice turn so that they are not located under the tray;
	Now the rMS canisters must fit gently inside the scrubber holders, while the temperature probes touch the center of the solenoid- and oxygen board;

	Use some silicon oil before matching the DIVECAN connectors.
	For the DIVECAN connection outside the unit, we use a security clip that holds the connector together, preventing accidental disconnection, but that allows disconnection only when the cable is subjected to a hard ‘pull’, so that the cable is protected against damage. Put the 2 O-rings over each connector,…

	… put the clip on the fully matched connector parts, and..
	…put the O-rings in place. The O-rings prevent the clip from opening to easy when you pull on the cable.
	This ends the installation of the rMS kit. A positive and a negative pressure test should now be performed on the unit, and special attention should be given to leaks around the cable glands and the entry ports. It is advised that the installation is checked by your instructor.