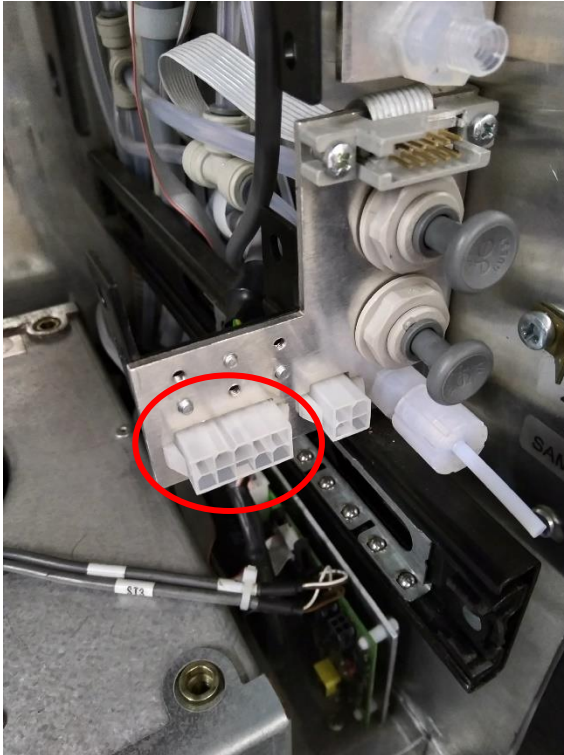


## Base Unit - Improving the quality of the DC voltages in old Airpointers

In old Airpointers, the DC cables are in a stiff sheath which doesn't allow for a lot of movement. After lots of manipulation, it can happen that there is a lot of tension on these cables, leading to a poor contact, and therefore to a loss of DC power reaching the module. The contact can also become overtime rusty or dirty. These cables contain 8 to 9 wires, including 4 carrying DC voltages (+5V, +12V, +15V, and -15V), and 4 to 5 ground wires. The following procedure shows how to improve the quality of the DC voltage reaching the modules.

- 1- Tools you will need
  - Cutter
  - Cutting pliers
  - Insulating tape
  - Contact cleaner
  
- 2- Turn off and unplug the airpointer. Locate the DC cables at the right handside of each module



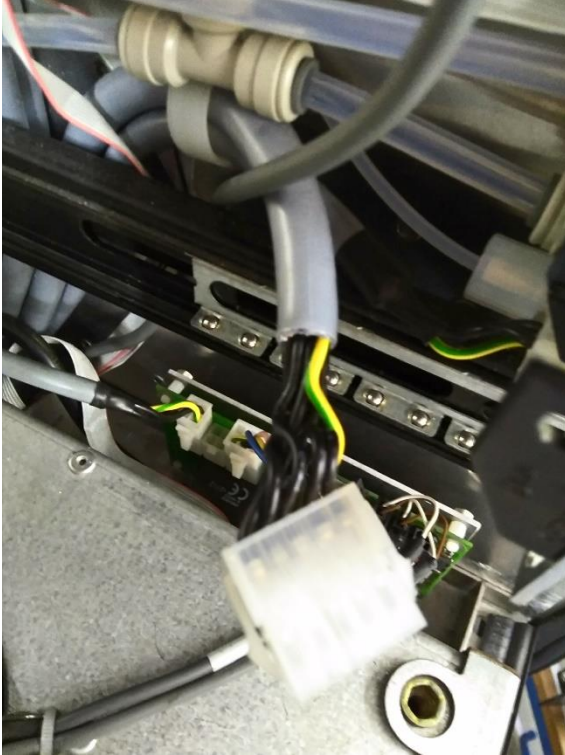
- 3- Pressing the sides of the connector, pull it out from the metal plate



- 4- Remove the black heat-shrink tube, taking care of not cutting the wires below



- 5- Cut the grey sheath around the wires, taking care of not cutting the wires below



- 6- If any wires are unused, cut them at the same level as the grey sheath



- 7- Protect the end of the sheath and the unused wires with some insulating tape. Then reinstall the connector onto the metal plate



- 8- Spray a small amount of contact cleaning spray on the male connector. Plug it into and unplug it from the female connector a few times to have the spray evenly distributed around the pins. Let it dry completely before repowering the airpointer

