



ACG+ Humidifier Retrofit Procedure

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1 Introduction

This procedure describes how to retrofit the ACG+ humidifier and associated parts to an existing ACG+.

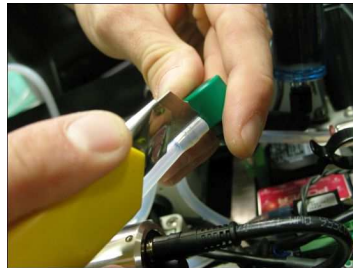
2 Fitting the humidifier to the ACG+

2.1 Fitting the humidifier

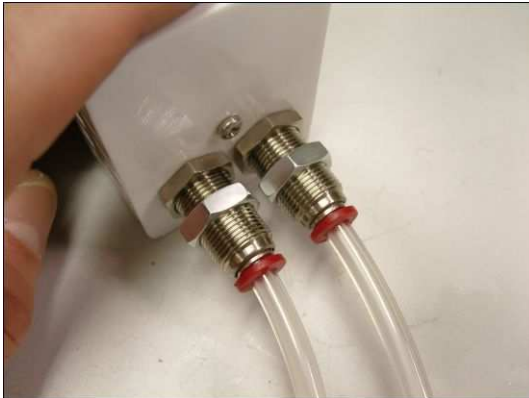
2.1.1 Remove the blanking discs from the enclosure as shown.



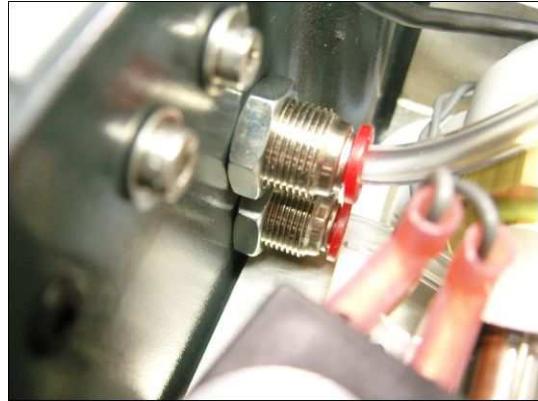
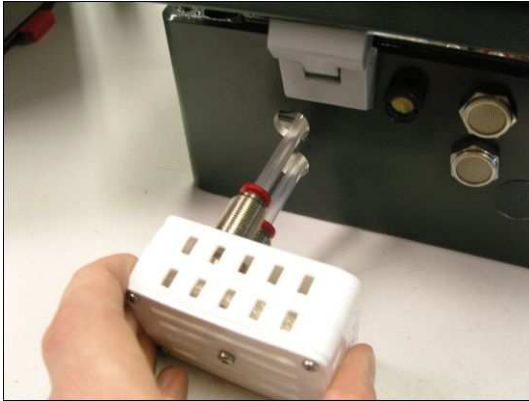
2.1.2 Remove the length of pipework between the charcoal filter and the oxygen MEC sensor.



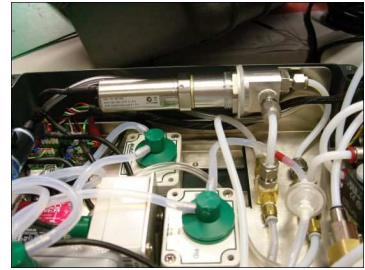
2.1.3 Remove the spare securing nuts from the bulkheads of the humidifier.



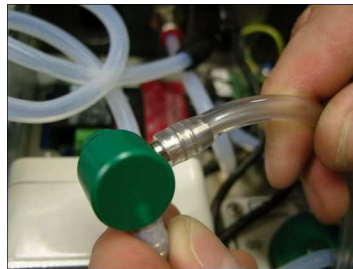
- 2.1.4 Take the humidifier assembly and fit the bulkheads through the two 14.5mm diameter holes as shown making sure that the bulkhead with the 500mm length of tubing fitted (Top) goes through the top hole in the enclosure base, secure in place with the provided M14 x 1mm nuts.



- 2.1.5 Route the 500mm length of tubing down to the front of the ACG+, then around and under the dewpoint sensor, connect to the outlet of the charcoal filter 6mm pushfit elbow.



- 2.1.6 Route the 300mm tube coming from the bottom bulkhead through between the MEC sensors as shown, then connect to the free port of the O2 MEC flow adaptor, slightly stretching the tubing to allow for it to go over the spigot.



2.1.7 This now completes the retro fitting of the ACG+ humidifier and the unit can now be put back into operation.



