



Poseidon MKVI Pre-dive checklist

Pre-dive checklist

Check for damage, dirt and deteriorations during assembly.

- 1 Check that the battery is charged.
- 2 Inspect electronics module, handset, cables, electric connections, HUD, pneumatics hoses and oxygen sensors.
- 3 Mount top plate on top of scrubber, check O-rings (2 O-rings).
- 4 Mount end plate in the bottom of scrubber, check O-rings and sponge (3 O-rings).
- 5 Install scrubber into cartridge housing, tighten the four screws by hand.
- 6 Attach BC and harness to cartridge housing.
- 7 Mount counterlungs.
- 8 Check valve.
- 9 Check hoses, mouthpiece, T-valves and attach.
- 10 Check pressure, analyze, and attach filled gas cylinders.
- 11 O₂ _____% _____psi/bar
Diluent _____% _____psi/bar
Helium _____% _____psi/bar
- 12 Attach electronics module, tighten the two screws by hand.
- 13 Mount the two first stages.
- 14 Attach IP diluent supply hose to mouthpiece, tighten.
- 15 Attach HUD on to mouthpiece.
- 16 Attach IP diluent supply hose to inflator.
- 17 Close OPV on right counterlung.
- 18 Negative loop pressure test.
- 19 Insert smart battery and conduct power-up self-tests (see Start up procedure).
- 20 Prebreathe. It is very important to perform a full prebreathe for a minimum of 4 minutes, while pinching your nose.

Figure 2-15. General Pre-Dive Checklists.