Start up Procedure

1. Cylinders OFF, CLOSE OPV, OPEN-CIRCUIT mode.
2. Touch wet-switch, keep dry for 5 seconds, then HOLD wet-switch.
3. Test 44,45: turn cylinders ON.
4. Test 50: CLOSED-CIRCUIT.
5. Test 54: OPEN-CIRCUIT, test bailout regulator function.

Test Confirm and Restart
1-38,55 Needs Servicing (if persistent
40 Use correct battery
43,50,54 Verify mouthpiece position
44,45 Turn cylinders on / Refill cylinders
48 Recharge Battery / Replace battery
49 Counterlungs half-full or less
53 Verify Oxygen Sensors

Post-Dive Checklist
1. Mouthpiece in OPEN-CIRCUIT.
2. Both cylinders OFF.
3. Wet-switch DRY.
4. Purge ADV.
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. Inspect check valves.
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.
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 5 minutes, while pinching your nose.