

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.

POSEIDON MKVI

CHECK LIST



POSEIDON MKVI 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 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.
- 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 5 minutes, while pinching your nose.