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 pcs).
4. Mount end plate in the bottom of scrubber, check O-rings and sponge (3 pcs).
5. Install scrubber into cartridge housing, tighten the four screws by hand.
6. Inspect mushroom valves in mouthpiece.
7. Check the small O-ring inside top. Attach electronics module, tighten the two screws by hand.
8. Close OPV on right counterlung.
9. Conduct a negative loop pressure test.
10. Insert smart battery and run Start-up self-tests, (see Start up procedure).
11. Pre-breathe. It is very important to perform a full prebreathe for a minimum of 5 minutes, while pinching your nose.
Start up Procedure

☐ 1 CLOSE OPV-VALVE TO OPEN-CIRCUIT mode.

☐ 2 Push IN the smart battery or start with Display/M28.

☐ 3 Test 41: Confirm installed scrubber

☐ 4 Test 44, 45: turn cylinders ON.

☐ 5 Test 54: OPEN-CIRCUIT, breathe to test bailout regulator function.

Test Confirm and Restart

48 Recharge Battery/Replace battery.
49 Loop Leaks, Check OPV valve.
53 Verify Oxygen Sensors.
55 Needs Servicing (if persistent).

Post-Dive Checklist

☐ 1 Mouthpiece in OPEN-CIRCUIT.
☐ 2 Both cylinders OFF.
☐ 3 Purge ADV.