

PRE-ASSEMBLY PREPARATION & CHECKS	Monox PpO ₂ Display & Optional Shearwater Computer	
	Turn on Monox display & Shearwater computer	
	Battery check Monox & Shearwater computer (if present)	
	Check that Monox charging plug is properly installed	
	Check sensor calibration in air (0.21-0.21-0.21 at sea level)	
	Oxygen Cylinder	
	Oxygen cylinder O ₂ % Check	
	Oxygen tank pressure check with Triton O ₂ regulator (>100 bar or >1500 psi)	
	Check and note CMF flow (10 bar or 150 psi drop in 7 sec)	
	Diluent / Bailout Cylinder	
	Diluent & bailout cylinder(s) check O ₂ % (He %) and label	
	Diluent & bailout cylinder(s) pressure check and enough for the dive	
	Scrubber / Canister	
	Scrubber filling with Sofnolime 797 in ventilated area	
Internal canister o-rings check - 2 pieces (1 red on bottom & 1 black in groove)		
Close and label canister (M3S canister tape)		
ASSEMBLY	Counter-lungs	
	Exhale counter-lung fitting	
	Inhale counter-lung fitting & check no water is present in the lung	
	Canister to counter-lung connection	
	Loop	
	Mouthpiece visual check	
	Internal hoses & mushroom valves visual check	
	Mushroom seal check	
	Loop to counter-lung connection	
	Gas Line	
	ADV to exhale counter-lung connection	
	First stage properly screwed on oxygen valve	
	Oxygen cylinder fitting (no contact with OPV)	
	Electronics	
	Cells housing to inhale counter-lung connection	
	Positive / Negative Tests	
	Positive pressure test - 2 min	
	Negative pressure test - 2 min	
	Calibration	
	Oxygen flush calibration check with mouthpiece slightly opened and OPV closed	
	Perform calibration of Shearwater computer (if present) and then Monox	
	ADV & BCD Check	
	Connect ADV & BCD	
Check ADV function, no free flow, manual addition		