



Cave Diving Group (founded 1946)

Immediate pre dive rebreather checks

Note: rebreather must be on diver and diver preparing to enter water.

1	Open oxygen cylinder	
2	Open diluent cylinder if fitted	
3	Verify bailout supply.	
4	Check dry suit and BCD inflation system	
5	Turn on electronics and verify readings	
6	Put loop in mouth, open loop and commence pre-breathe sequence of five minutes. Note; a five minute pre-breathe is known not to show carbon dioxide problems in some divers, even when a known fault was introduced. The pre breathe allows you to test the entire rebreather system before diving, not just for carbon dioxide problems. DO NOT do the pre-breathe sequence in the water.	
7	During pre-breathe, test oxygen manual add valve and check handset	
8	During pre-breathe, test diluent manual add valve and check handset (if fitted)	
9	During pre-breathe check ADV operation (if fitted)	
10	Check oxygen and diluent shut off valves if fitted	
11	Check HUD is operational and in line with handset if fitted.	
12	Check rebreather is monitoring chosen PP02 and rises with oxygen addition and falls with diluent addition.	
13	Enter water and wet check bailout second stages.	



Cave Diving Group founded 1946

Immediate pre dive rebreather checks

14	Get a surface support or dive partner to confirm with diver oxygen and diluent cylinders are switched on. Diver must reach and physically confirm oxygen and diluent valves are on. Note divers continue to die at an alarming rate because they enter the water and start diving with oxygen switched off. If diving solo ask yourself out loud!	
15	Start diving.	

Note Rebreather must be mounted on diver and diver preparing to enter water.

M Thomas CDG Somerset Training Officer with thanks to J N Cordingley and A M Ward CDG National Training Officer