

# Sentinel Rebreather

Less than 18 Hours  
Pre-dive Checks

## MANUAL O2

CHECK MANUAL  
O2 ADD

dil BAR o2 PPO2  
229 218 0.71

Abort ✓

## MANUAL DIL

CHECK MANUAL  
DILUENT ADD

dil BAR o2 PPO2  
229 218 0.71

Abort ✓

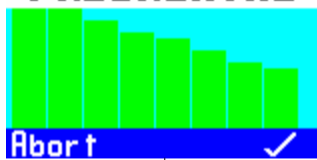
## PREBREATHE

91% 0.72pO2 260  
Breathe on rig for  
5 minutes to ensure  
correct operation  
dil BAR o2 PPO2  
229 218 0.71

Abort ✓

## PREBREATHE

0% 0.30pO2 000



Abort ✓

## BACKUP PO2

CONFIRM  
BACKUP DISPLAY  
PO2 OK?

dil BAR o2 PPO2  
100 150 0.59

Abort ✓

## BAILOUT

CHECK BAILOUT  
and BCD and  
SUIT INFLATION

dil BAR o2 PPO2  
100 100 0.30

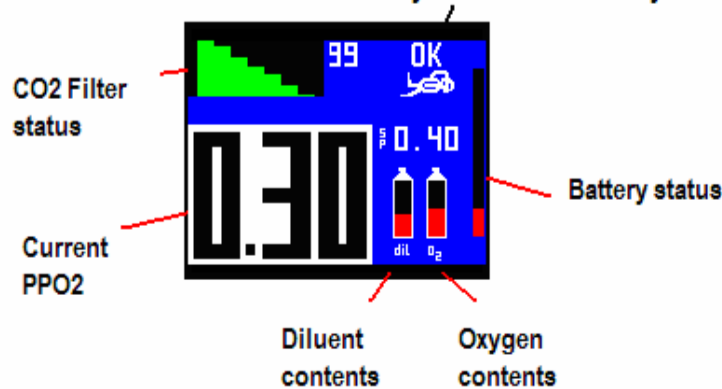
Abort ✓

## HAPPY?

HOSES, LOOP, and  
FILTER ok? AND  
are you happy to  
dive with the  
rebreather?

Abort ✓

"DIVE OK" or "DO NOT DIVE"  
system status summary



## MUSHROOMS

CHECK MUSHROOM  
VALVES + RUBBER  
MOUTHPIECE

dil BAR o2 PPO2  
100 100 0.30

Abort ✓

## HOSES

MAKE SURE HOSES  
ARE FITTED  
CORRECTLY

dil BAR o2 PPO2  
100 100 0.30

Abort ✓

## LOOP LEAK?

TURN OFF DILUENT  
SUCK NEGATIVE.  
HOLD FOR 20s OK?

dil BAR o2 PPO2  
100 100 0.30

Abort ✓

## HP LEAK?

TURN ON THEN OFF  
HP O2 and DIL.  
TEST FOR LEAKS

dil BAR o2 PPO2  
100 150 0.59

Abort ✓

## TURN ON HP

CHECK O2 AND DIL  
BAILOUT, BCD AND  
SUIT INFLATION

dil BAR o2 PPO2  
100 100 0.30

Abort ✓

## SLIDERS!

OPEN O2 AND  
DILUENT  
SLIDE VALVES

dil BAR o2 PPO2  
100 150 0.59

Abort ✓



Any  
Aborts

## !WARNING!

TEST ABORTED  
Failure to do  
PRE DIVE checks  
increases the  
risk of INJURY  
or DEATH

