

Sentinel Rebreather Maintenance Chart

Key				
E	Before every dive			
A	Annually			
100	Every 100 hours of diving			
200	Every 200 hours of diving			
C	At Canister change			
20	Every 20 hours of diving			
Item	Inspect/clean	Replace/service	Notes	Inspection/service date
Mushroom valves	E	100hrs or if damaged prior		
CO2 seals	C	100hrs or if damaged prior		
Hose end O rings	E	200hrs or if damaged prior		
Mouthpiece O rings	If pre-dive failed (leaks)	200hrs or if damaged prior		
Canister O rings	C	200hrs or if damaged prior		
Flow cone and hose port O rings	If pre-dive failed (leaks)	200hrs or if damaged prior		
Adv diaphragm	A	200hrs or if damaged prior		
Oxygen sensor connections	20		Clean with contact cleaner	
Oxygen sensors	20	As required by system		
Absorbent Canister mesh	A	If damaged		
Counterlung	20	If damaged	Water flush every 2 days. Disinfect end of each trip or sooner if required.	
Hoses + mouthpiece assembly	E	See separate items on this list	Fresh water flush daily. Disinfect end of each trip or sooner if required.	
Hoses	E	200hrs or if damaged prior		
OPV	Wash at end of trip	If damaged. Factory replace	Flush with fresh water. Replace if not holding a negative.	
Regulator first stages	Wash at end of trip	A or if damaged prior	Flush with fresh water.	
Regulator second stage	Wash at end of trip	A or if damaged prior	Flush with fresh water.	
Gas block button O rings	A	100hrs or if damaged prior		