

Quick Reference – Error Codes Firm Ware version 50

TEST #	DESCRIPTION	TEST #	
1	System Data Log Integrity Test	45	Sufficient Diluent Supply Pressure
2	Display ROM / RAM / Fuses test	48	Sufficient Battery Capacity.
3	Display EEPROM test	49	Positive Pressure Loop Test
4	HUD ROM / RAM / Fuses test	50	Mouthpiece Closed-Circuit Position
5	HUD EEPROM test	51	Helium Fraction Confirmation test
6	Backpack ROM / RAM / Fuses test	52	Oxygen Fraction Confirmation test
7	Backpack EEPROM test	53	Oxygen Sensor Calibration
8	Battery ROM / RAM / Fuses test	54	Open-Circuit Regulator Check
9	Battery EEPROM test	55	Service Interval
14	Battery Data logger test		
15	Firmware Version Compatibility test		
16	Battery State-of-Charge test		
17	Primary Display Backlight test		
18	HUD LED test		
20	Buddy-Light LED test		
22	HUD Vibrator test		
24	Metabolic O2 Solenoid #1 test		
25	Metabolic O2 Solenoid #2 test		
26	Oxygen Calibration Solenoid test		
27	Diluent Calibration Solenoid test		
29	Audio Alarm Speaker test		
30	Oxygen Cylinder Pressure Sensor Validation test		
31	Diluent Cylinder Pressure Sensor Validation test		
34	Primary Oxygen Sensor Validation test		
35	Secondary Oxygen Sensor Validation test		
38	Depth/Temperature Sensor Validation test		
39	Intro test		
40	Decompression Status Verification		
41	Canister confirmation test		
43	Mouthpiece Open-Circuit Position		
44	Sufficient Oxygen Supply Pressure		

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ERROR CODE		ERROR CODE	
0	Test timed out	49	Loop leaking
2	Bad chip	50	Valve leaking
3	Bad ROM	57	Charge insufficient
4	Bad RAM	58	Learn Cycle required
5	Bad Fuse	66	Diluent FO2 bad
6	Bad EEPROM	67	Primary DIL Low
7	Battery mismatch	68	Primary DIL high
8	Non-Battery mismatch	69	Secondary DIL Low
9	Current too low	70	Secondary DIL High
10	Current too high	71	Oxygen FO2 bad
11	Current too low	72	Primary O2 Low
12	Current too high	73	Primary O2 High
13	Bad Chip	74	Secondary O2 Low
14	Locked on	75	Secondary O2 High
15	Locked off	76	Bad Time Constant
16	Defective	77	Not in CC mode
17	Locked on	81	Service required
18	Locked off		
19	Defective		
26	Voltage low		
27	Voltage very low		
31	Sensor suspect		
35	Bad Battery Deco data		
36	Bad rig Deco data		
37	Serial number mismatch		
38	Time mismatch		
39	No Deco data		
46	Failed to fill loop		
47	Solenoid 1 failure		
48	Did not fill the loop in time		