

VISUAL APPARATUS CHECKS		TEST APPARATUS	
✓	Check if ok	✓	Check if ok
	FRAME/HARNESS ASSEMBLY		ZERO TESTER PRIOR TO TESTING
	BREATHING BAG		LOW PRESSURE WARNING TEST 1.4 MBAR MAX.
	CYLINDER TEST		INHALATION VALVE TEST 10 MBAR +
	REGENERATIVE CANISTER		EXHALATION VALVE TEST 10 MBAR -
	SIMULATE ADDING DRAGERSORB		DRAIN VALVE TEST 10 MBAR
	RELIEF VALVE		LEAK TEST with POSITIVE PRESSURE 1 MBAR IN 60 SEC.
	COOLER		RELIEF VALVE TEST
	SIMULATE ADDING ICE		State Opening Pressure 2 TO 5 MBAR
	HOSES		HIGH PRESSURE LEAK TEST OPEN CYL. ICON
	COUPLING		CONSTANT METERING VALVE TEST
	FACE PIECE TEST		State Final Reading 1.5 TO 1.9 L/MIN
	SIMULATE DEFOGGING MASK		MINIMUM VALVE TEST
			State Opening Pressure 0.1 TO 2.5 MBAR
	CONNECTIONS CONNECTED OR GOOD		BYPASS VALVE TEST
	Cap on Drain Valve		ALTERNATE RELIEF VALVE TEST 2 TO 5 MBAR
	Drain Valve to Breathing Bag		LOW PRESSURE WARNING TEST
	Minimum Valve to Breathing Bag		State Warning Reading APPROX. 700 PSI
	Minimum Valve to O2 Supply Line		BATTERY TEST BATT FULL/ ICON
	Cylinder Connection		
	Regenerative Canister Connections		
	Relief Valve to Regenerative Canister		
	Crossover Hose Switchbox and Relief Valve		
	Cooler to Breathing Bag		
	Distribution Hose		
	Breathing Hoses		
	Hose Adapter on RZ-25 or Test-It 6100		
		VI	C
			VISUAL APPARATUS
			Wearers Left Shoulder Strap Twisted (Identify and Correct)
			Waist Belt Buckle Cut Off (Identify Only)
			Top Sentinel Strap Missing (Identify and Correct)
			Hole In Breathing Hose (Identify and Correct)
			Extra Stud In Top Hole (Identify and Correct)
			TEST APPARATUS
			Hole in Drain Valve Housing (Identify and Correct)
			Bypass Line Pulled Out (Identify and Correct)
			Bag Off Drain Valve (Identify and Correct)
			Bag Off Minimum Valve (Identify and Correct)

1. At the last low pressure warning approximately _____ of the oxygen has been used up.
 - A. 75%
 - B. 95%
 - C. 90%

2. To start the _____ alarm, press the Yellow panic button in center of the Sentinel.
 - A. Audible
 - B. Main
 - C. Panic

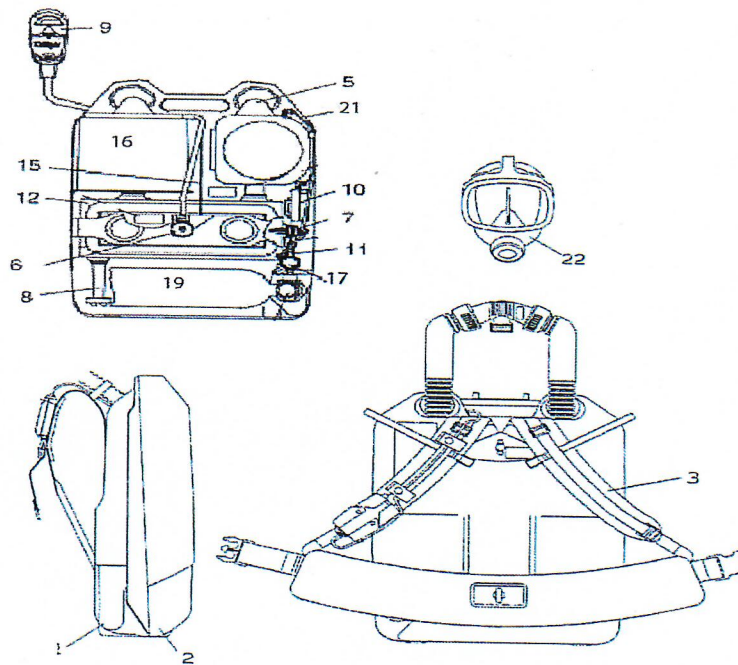
3. When the first low pressure warning occurs, the alarm sounds intermittently for approximately _____ seconds and the red LED flashes constantly.
 - A. 30
 - B. 60
 - C. 15

4. Medium pressure in the BG-4 is between _____ psi and 64 psi.
 - A. 56
 - B. 58
 - C. 60

5. Remove the Tally Key to activate the motion _____.
 - A. Device
 - B. Alarm
 - C. Sensor

6. Attach minimum valve to breathing bag so that the pin of the minimum valve and the _____ on the breathing bag line up.
- A. Stripe
 - B. Line
 - C. Mark
7. CO₂ absorber is not approved for use after _____ expiration date.
- A. Indicated
 - B. Designated
 - C. Specified
8. Replace the high pressure O-ring located on the pressure reducer _____ for units which are in constant use.
- A. Annually
 - B. Monthly
 - C. Yearly
9. U.S. Department of Transportation _____ hydro tests on composite cylinders every 5 years.
- A. Suggests
 - B. Requires
 - C. Recommends
10. Replace the O-ring at the plug-in _____ at least once every year for units which are in constant use.
- A. Connector
 - B. Coupler
 - C. Coupling

BG-4



1 Cons. No.	2 Designation	1 Cons. No.	2 Designation
1	Carrying Housing	12	Breathing Bag
2	Cover Shell, complete	15	Lever, Complete
3		16	Factory/refillable cartridge
5	Cooler	17	Pressure Reducer BG4
6	Relief valve, Complete	19	Oxygen Cylinder
7	Minimum Valve	21	
8	Drain Valve	22	FPS 7000 Mask
9	Sentinel		
10	Switch Box		
11			

11. Part # 3

- A. Shoulder Strap Assembly
- B. Shoulder Harness Assembly
- C. Shoulder Pad Assembly

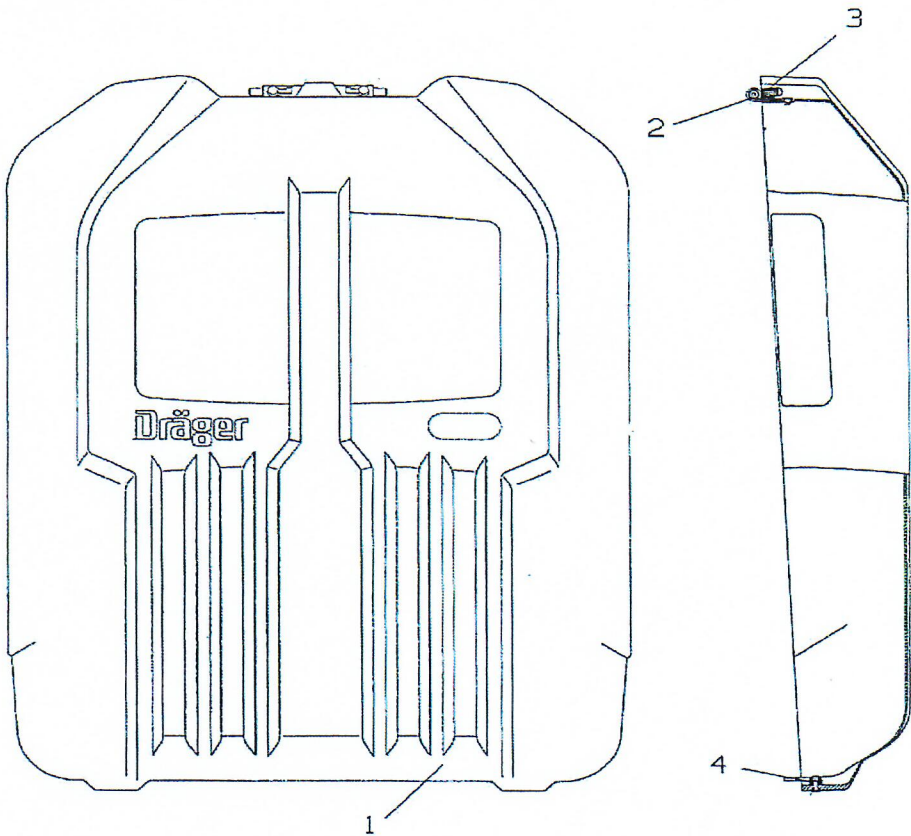
12. Part # 11

- A. Pressure Sensor
- B. Pressure Adaptor
- C. Pressure Monitor

13. Part #21

- A. Dosage Hose
- B. Distribution Hose
- C. Distribution Line

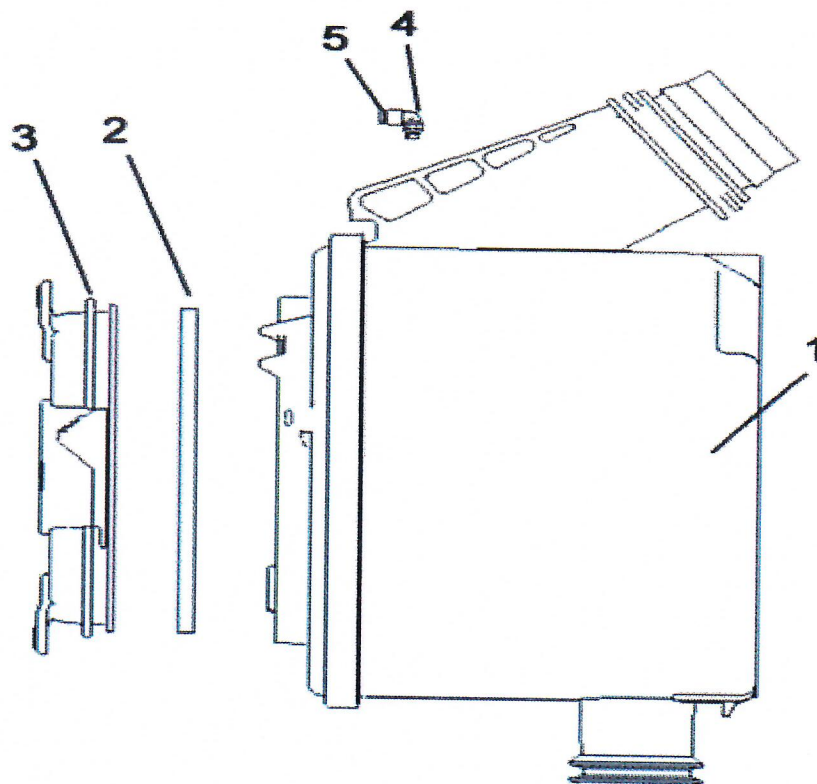
Cover



1 Cons. No.	2 Designation	1 Cons. No.	2 Designation
1		3	
2		4	

- | | | | |
|----------------|--------------|----------------|--------------|
| 14. Part # 1 | 15. Part # 2 | 16. Part # 3 | 17. Part # 4 |
| A. Back Cover | A. Hinge | A. Grip Pocket | A. Release |
| B. Back Shell | B. Latch | B. Grip Cap | B. Pin |
| C. Cover Shell | C. Fastener | C. Cover Grip | C. Button |

Cooling Canister (Revised Drawing)



1 Cons. No.	2 Designation	1 Cons. No.	2 Designation
1	Cooler	4	
2	O-Ring, Cooler	5	
3			

18. Part # 3

- A. Lid
- B. Cap
- C. Cover

19. Part # 4

- A. Angle Coupler
- B. Angle connector
- C. Angle Fastener

20. Part # 5

- A. Retaining Ring
- B. Reaction Cap
- C. Reaction Ring