



Kirby Morgan Dive Systems, Inc.®

1430 Jason Way Santa Maria, California 93455

Phone: 805/928-7772 Fax: 805/928-0342

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Part #525-377 KM 77 Soft Goods Overhaul Kit

PART #	DESCRIPTION	QTY	PART #	DESCRIPTION	QTY
305-057	Inlet Valve Assembly, EXO-BR, Rex	1	510-481	O-ring	2
310-003	O-ring	2	510-550	Valve, Oral Nasal	1
310-006	O-ring	1	510-553	Diaphragm	1
310-007	O-ring	2	510-741	Valve, Waterdump	1
310-013	O-ring	2	510-776	Exhaust Valve	2
320-030	Washer	1	510-777	Exhaust Valve, REX Regulator	1
320-040	Regulator Mount Washer	1	520-030	Washer	1
510-008	O-ring	3	520-031	Washer	1
510-010	O-ring	3	520-033	O-ring, Teflon®	2
510-011	O-ring	1	520-038	Tie Wrap	6
510-012	O-ring	2	520-042	11" Tie Wrap	4
510-013	O-ring	1	520-167	Teflon Washer For Swing Catch	1
510-014	O-ring	2	520-522	Washer	1
510-015	O-ring	2	520-523	Washer	1
510-029	O-ring	2	525-330	One-Way Valve Kit	1
510-260	O-ring, View Port	1	530-028	Lock Nut	1
510-403	Gasket, REX Pod	1	530-145	Lock Nut	8
510-450	O-ring, Neck Ring	1	530-601	Retaining Pin	1

***See next page for O-ring Identification**

O-rings should be lightly lubricated with food grade silicone Dow Corning® 111 or equivalent in accordance with the operations and maintenance manual. Christo-Lube® may also be used. At a minimum, all helmet or BandMask® O-rings should be replaced at least once a year in accordance with the A2.1 checklist for the helmet or mask being inspected. During daily and monthly maintenance, O-rings and valves may be reused providing no damage or deformation is found. O-rings and valves may require replacement more often than yearly if the helmet or mask use is extreme, or if the helmet or mask is used in waters containing oil or chemical contamination. Daily cleaning and inspections as well as performing the monthly inspection (A2.2 checklist) will identify the need more accurately than simply placing a number of hours between overhaul. Store spare O-rings, valves and soft goods in a cool, dark, dry place. Avoid prolonged exposure to temperatures above 90 degrees Fahrenheit and/or exposure to ultra violet rays. Do not lubricate exhaust valves. Lubricating valves can cause dirt to stick, allowing leakage.



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310-003

1. Low Pressure Side Block Port Plug (*Top & Bottom*) (Qty. 2)



310-006

1. Inlet Valve Assembly (Qty. 1)



310-007

1. Nipple Tube (Qty. 1)



310-013

1. Main Tube (Qty. 2)



510-008

1. Nose Block Shaft (Qty. 2)
2. EGS (Qty. 1)



510-010

1. Nose Block Guide Seal (Qty. 1)
2. Steady Flow (Qty. 1)



510-011

1. Regulator Adjustment Knob Packing Nut (Qty. 1)



510-012

1. Bent Tube (Qty. 1)



510-013

1. 1/2-20 Large Port Plug Side Block (Qty. 1)



510-014

1. EGS Adapter (Qty. 1)
2. Bonnet Nut EGS (Qty. 1)



510-015

1. Bonnet Nut for Steady Flow (Qty. 1)
2. Regulator Sleeve (Qty. 1)



510-029

1. Comm Port (Qty. 2)



510-481

1. Comm Port Plug (Qty. 1)
2. Comm Packing Gland (Qty. 1)



520-033

1. Bent Tube (Qty. 1)

NOT SHOWN

510-260 6.5" × 0.153"
1. Face Port O-ring

510-450 9" × 0.278"
1. Neck Ring O-ring

⚠ CAUTION

Use only KMDSI original replacement parts. The use of other manufacturers' parts will interfere with the performance characteristics of your life support equipment and may jeopardize your safety. Additionally, any substitutions will void any warranties offered by KMDSI. When ordering spares, always insist on Kirby Morgan Genuine Parts.

