



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**

Equipment used for air diving or diving with oxygen mixtures containing **LESS than 40% oxygen** can be lubricated with food-grade silicone, such as Molykote® 111 or equivalent. DO NOT mix types of lubes in the regulators. 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 if no damage or deformation is found. O-rings and valves may require replacement more often than yearly if 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 the monthly inspection (A2.2 checklist), will more accurately identify the need than simply counting hours between overhauls. Store spare O-rings, valves, and soft goods in a cool, dark, dry place. Avoid prolonged exposure to temperatures above 90 °F (32 °C) and/or to ultraviolet rays. Do not lubricate exhaust valves and diaphragms. Lubricating valves can cause dirt to adhere, leading to 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)



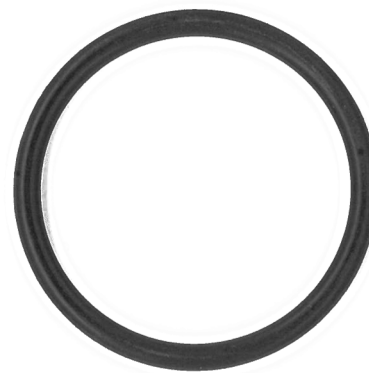
510-014

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" x 0.153"
1. Face Port O-ring

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

⚠ CAUTION

Use only KMDSI original replacement parts. Using other manufacturers' parts will interfere with the performance 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.

