



# 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

O-rings should be lightly lubricated with food grade silicone Molykote® 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. When using the A2.1 as an “inspection” only, in-between annual overhauls, O-rings may be reused if inspection reveals the O-rings are serviceable. 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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## KM 77 Soft Goods Overhaul Kit



310-003

Low Pressure Side Block Port Plug  
(Top & Bottom) (2 ea.)



310-006

Balanced Valve (1ea.)



310-007

Inlet Nipple (1 ea.)



310-013

Main Tube (2 ea.)



510-008

Nose Block Shaft (2 ea.)  
EGS Stem (1 ea.)



510-010

Nose Block Guide Seal (1 ea.)  
Steady Flow (1 ea.)



510-011

Dial a Breath Stem (1 ea.)



510-012

Bent Tube (1 ea.)



510-013

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



510-014

EGS Adapter (1 ea.) Bonnet  
Nut EGS (1 ea.)



510-015

Bonnet Nut for Steady Flow (1 ea.)  
Reg. Sleeve (1 ea.)



510-029

Comm Port (2 ea.)

510-260 6.5" x 0.153"  
Face Port O-ring  
(not pictured)

510-450 9" x 0.278"  
Neck Ring O-ring  
(not pictured)



510-481

Comm Port Plug (1 ea.)  
Comm Packing Gland (not normally replaced) (1 ea.)



520-033

Bent Tube (1 ea.) Bent Tube  
Adapter (1 ea.)

### ⚠ 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.