



Kirby Morgan Dive Systems, Inc.®

1430 Jason Way Santa Maria, California 93455

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Part #325-323 Regulator Rebuild Kit for Plastic SCUBA Regulators 305-166 & 305-171

PART #	DESCRIPTION	QTY	PART #	DESCRIPTION	QTY
510-010	O-ring	2	510-580	Seat, Inlet Valve	1
510-011	O-ring	1	520-039	Tie Wrap	1
510-016	O-ring	2	530-303	Nylon Locknut	1
510-552	Exhaust Valve	1	545-026	Inlet Valve	1
510-553	Diaphragm	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.

⚠ 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.



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Maintenance Schedule

Your regulator should be serviced on a frequent basis to achieve the best performance from your mask. A regulator which is out of adjustment will make it difficult to breathe. In turn, you may find yourself short of breath and unable to work to your full capacity.

Your entire regulator should be rebuilt every year. To make this job easier, we recommend a set of KMDSI regulator adjustment tools, Part #325-630.



510-010



510-011



510-016

