



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

### 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.

#### *O-ring identification on reverse.*

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 for the helmet or mask being inspected. During daily and monthly maintenance, disturbed 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 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.

### **▲ 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.**

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## *\*O-Ring Identification*

510-010



510-011



510-016

