



Kirby Morgan Dive Systems, Inc.®

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Part #525-718 Stainless Steel Balanced Regulator Rebuild Kit (for SuperFlow® 450)

Loc #	Part #	Description	Qty	Loc #	Part #	Description	Qty
1	205-010	Diaphragm Assembly	1	7	510-012	O-ring	1
2	205-015SS	Inlet Valve Assembly	1	8	510-015	O-ring	1
3	210-050	O-ring, Adjustment Nipple	2	9	510-017	O-ring	2
4	210-055	O-ring, Balanced	1	10	510-019	O-ring	1
5	220-030	Spacer, Balanced	1	11	510-776	Exhaust Valve	1
6	235-015	Spring	1	12	520-023	Bearing Clip	2
				13	540-531	Lock Clip	1

O-ring identification and Exploded View on reverse

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.

⚠ 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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505-560 Stainless Steel Balanced Regulator, SuperFlow® 450

