



# Kirby Morgan Dive Systems, Inc.®

1430 Jason Way Santa Maria, California 93455

Phone: 805/928-7772 Fax: 805/928-0342

www.KirbyMorgan.com email: kmdsi@KirbyMorgan.com

## Part #525-767 455 Balanced Regulator Rebuild Kit

PART #	DESCRIPTION	QTY	PART #	DESCRIPTION	QTY
210-055	O-ring, Balanced	1	510-015	O-ring	1
210-060	Valve Seat	1	510-017	O-ring	1
220-050SS	Inlet Valve, Stainless Steel Tube	1	510-018	O-ring	1
220-056	Lever Bearing Clip	1	510-019	O-ring	1
235-015	Spring	1	510-776	Exhaust Valve	1
240-008	Lever Arm	1	510-789	Diaphragm Assembly	1
310-003	O-ring	2	540-531	Lock Clip	1
510-010	O-ring	1	550-549	Balance Spacer	1
510-012	O-ring	1	550-640	Shaft Bearing Washer	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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**210-055**

1. Balance Spacer (Qty. 1)



**310-003**

1. Regulator Body LP  
Port Plugs (Qty. 2)



**510-010**

1. Reg. Adjustment Nipple (Qty. 1)



**510-012**

1. Regulator Adjustment  
Knob Stem (Qty. 1)



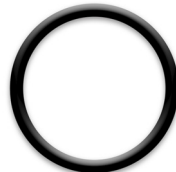
**510-015**

1. Regulator Main Tube (Qty. 1)



**510-017**

1. Bent Tube Adapter (Qty. 1)



**510-018**

1. Regulator Adjustment Knob  
Packing Nut (Qty. 1)



**510-019**

1. Regulator Exhaust (Qty. 1)

