



Kirby Morgan Dive Systems, Inc.®

1430 Jason Way Santa Maria, California 93455

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Part #525-640 KM Diamond Conversion Kit

PART #	DESCRIPTION	QTY	PART #	DESCRIPTION	QTY
120-301	Metal QR Card	1	510-772	Bypass Equalizer Tube	1
330-205	Washer	4	510-789	Diaphragm Assembly	1
430-134	Washer	8	520-020	Valve Body	1
505-373	Regulator Cover Assembly	1	520-049	Tie Wrap	1
505-375	Surface Bypass Valve Assembly	1	520-550	Oral Nasal Mount	1
505-376	Surface Bypass Hose Assembly	1	520-552	Inhalation Tube	1
505-378	Water Purge Assembly	1	530-059	Screw	7
505-385	Diamond Pod Subassembly	1	530-074	Screw	2
505-400	Diamond Exhaust Assembly	1	530-076	Screw	1
505-752	Diamond Main Tube Assembly	1	530-086	Screw	4
510-017	O-ring	1	530-089	Screw	2
510-403	Pod Gasket	1	530-145	Lock Nut	6
510-550	Oral Nasal Valve	1	530-309	Cap Screw	2
510-735	Pickup Tube	2	530-527	Washer	7
510-739	Diamond Oral Nasal Insert	1	540-158	Surface Bypass Valve Bracket	1
510-740	Diamond Oral Nasal	1	540-531	Lock Clip	1
			550-050	Jam Nut	1
			550-141	Assembly Retainer Ring	1
			550-533	Bent Tube Adapter	1
			555-075	Bent Tube w/O-rings	1
			830-015	Screw	4

Removing Pod Subassembly

Pod Removal

For pod removal see "1.1.1 Pod System and Regulator Removal" on page POD-1.

Installing Diamond Pod Subassembly

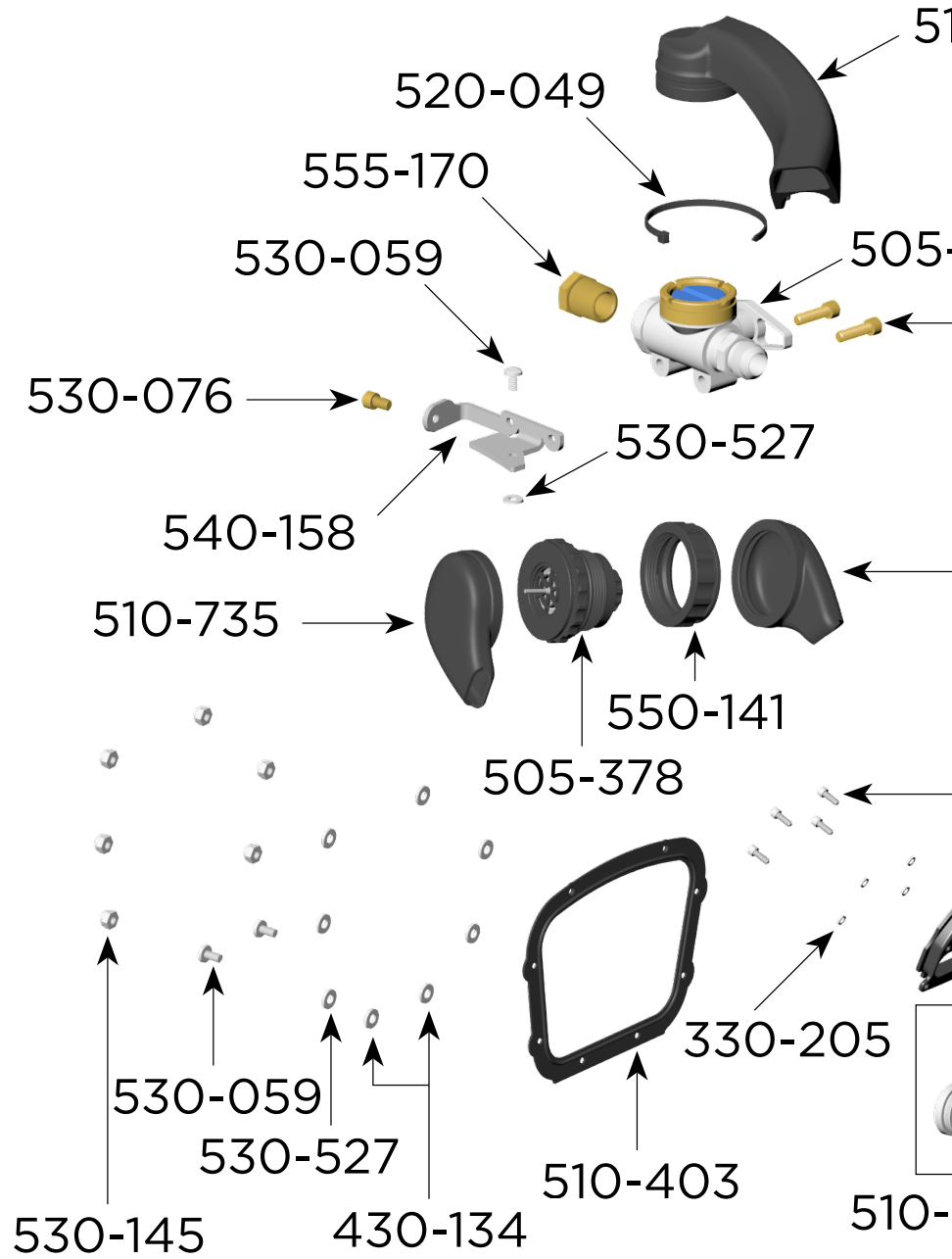
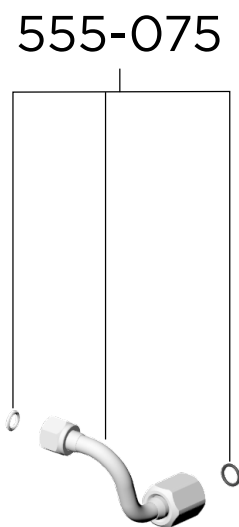
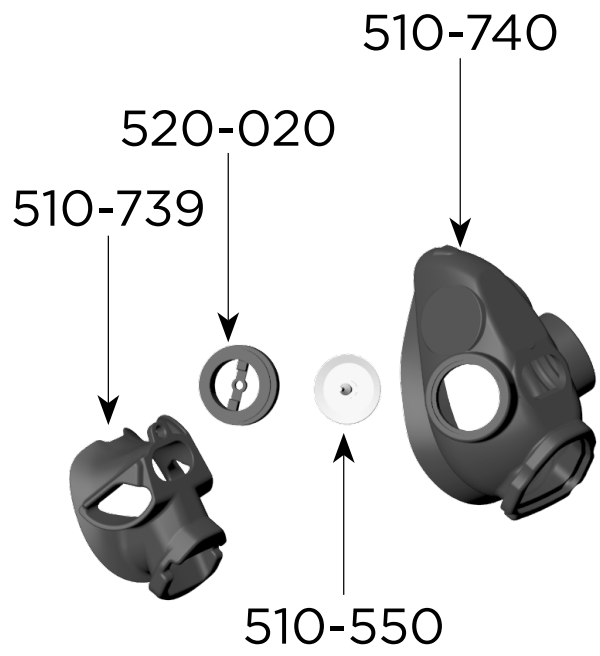
Diamond Pod Installation

For Diamond pod installation see "1.7.3 Installation of the Diamond Pod" on page DIAMD-26.

Water Purge Assembly Installation

For Water Purge Assembly installation see "1.7.7 Installation of the Water Purge Assembly" on page DIAMD-29.



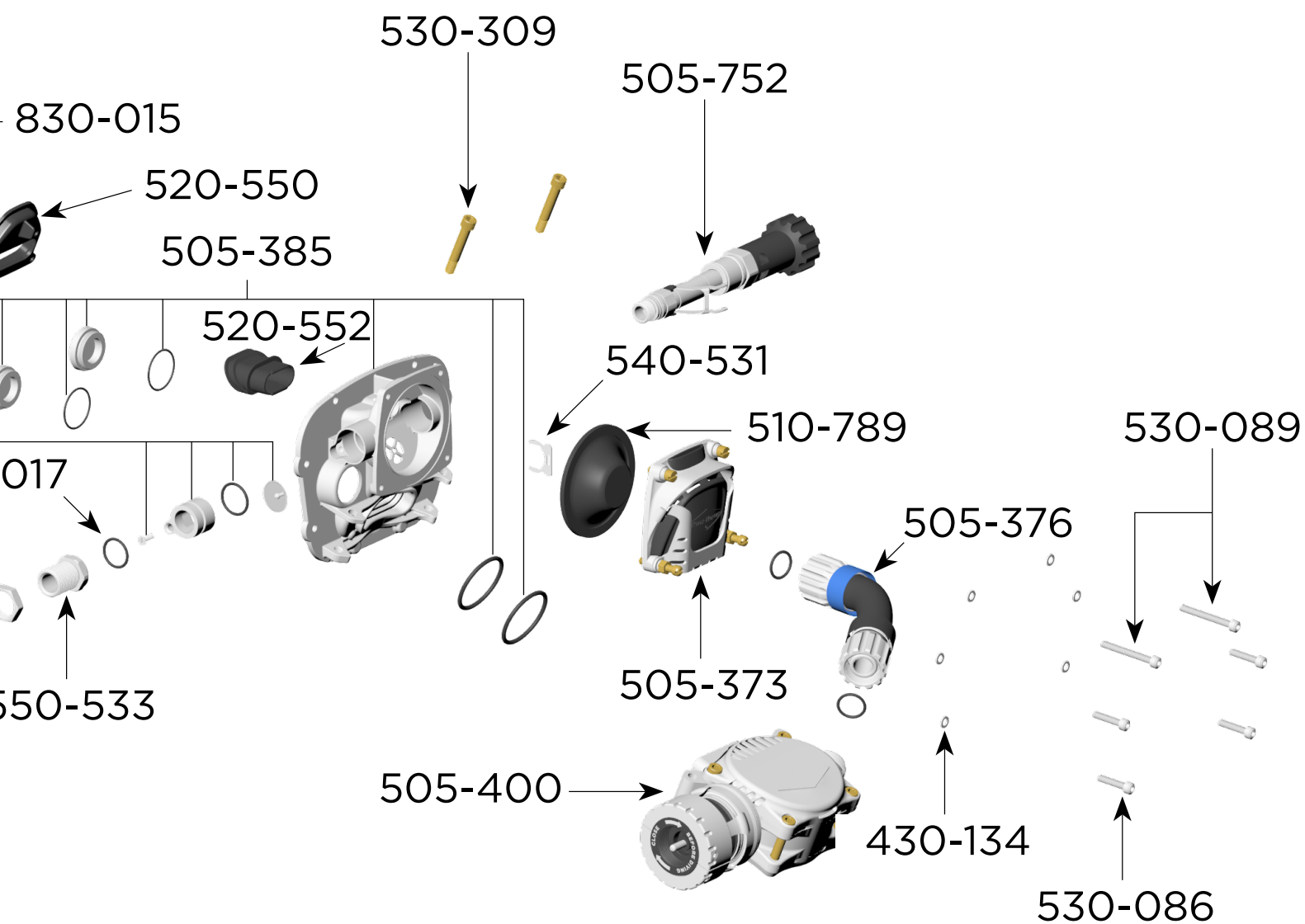


10-772

-375

— 530-074

510-735



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Surface Bypass Valve Installation

For Surface Bypass Valve installation see “1.7.8 Installation of the Surface Bypass Valve” on page DIAMD-31.

Diamond Exhaust Assembly Installation

For Diamond Exhaust Assembly installation see “1.7.9 Installation of the Diamond Exhaust Assembly” on page DIAMD-31.

Oral Nasal Mask and Oral Nasal Insert Installation

For Oral Nasal Mask and Oral Nasal Insert installation see “1.7.13 Installing the Diamond Oral Nasal Mask and Oral Nasal Insert” on page DIAMD-34.

KM Diamond Final Tests

Once the KM Diamond conversation is complete, see the “KM Diamond Final Test” module, page prefix KMFNL to complete the final tests on the KM Diamond.

