Kirby Morgan Dive Systems, Inc.®
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WELD LENS KIT
PART # **525-403**

FOR SUPERLITE-17A/B, 17C 17K, 27, KM37, 47, 57 HELMETS
&
KMB-18A/B & 28B BAND MASKS

PART #	DESCRIPTION	QTY.
510-577	Bumper	2
520-030	Washer	2
530-210	Mount Screw	2
530-320	Lock Nut	2
530-408	Star Washer	2
530-527	Washer	2
530-535	Washer	2
535-901	Snap Ring	1
540-030	Mount Ear	2
550-025	Stud	2
560-046	Weld Lens Frame	1
520-072	Sticker, Small oval KMDSI	1

⚠ CAUTION

Use only KMDSI original replacement parts. The use of other manufacturer's 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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PART # 525-403
WELDING LENS ASSEMBLY

This Welding Lens Assembly will fit the SuperLite 17A/B, SuperLite 27B, the KMB-18A/B, and the KMB-28B. The SuperLite and KMB port retainers are supplied with two plug screws which are designed to protect the two threaded holes on the port retainer which are provided for mounting the welding lens assembly.

This assembly is designed to provide visual protection only. Please read the complete instruction sheet before proceeding.

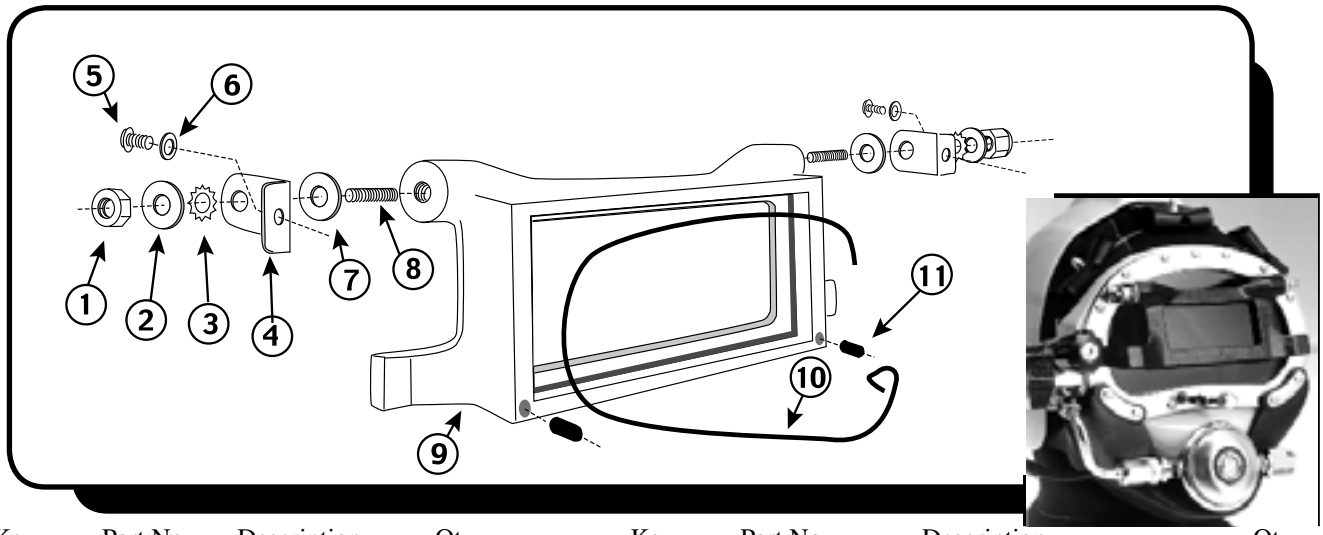
INSTALLATION INSTRUCTIONS

1. Remove the two plug screws from the port retainer.
2. Insert the mount screws (5) through the spacer washers (6) and then through the mount ears (4).
3. With the rubber bumpers (11) facing the inside of the helmet or mask, install and tighten the two mount screws (5) into the port retainer.
4. Tighten the two locknuts (1) on the ends of the hinge studs (8) so that the Welding Lens Assembly can be flipped up, but will not fall down from its own weight.

Caution - Warning

The Weld Lens Mount Screw (5) is to only be used when the Weld Lens is mounted to the port retainer. Use of this screw without the Weld Lens will result in damage to the fiberglass port area. The plug screws should be replaced when the Weld Lens is not mounted to the port retainer.

We highly recommend that extreme caution be exercised by all divers, regardless of helmet or mask used, to avoid the possibility of underwater explosions when cutting or welding. It cannot be over stressed that ***any underwater explosion can result in the injury or death of the diver!***



Key	Part No.	Description	Qty.	Key	Part No.	Description	Qty.
1	530-320	Nut, Lock	2	7	520-030	Washer	2
2	530-535	Washer	2	8	550-025	Stud	2
3	530-408	Star Washer	2	9	560-046	Weld Lens Frame	1
4	540-030	Mount Ear	2	10	535-901	Snap Ring	1
5	530-210	Mount Screw	2	11	510-577	Bumper	2
6	530-527	Washer	2	12	525-403	Welding Lens Ass'y Complete	1

Lenses are available seperately as Part #525- 405 lens light, #525- 406 lens med.,#525- 407 lens dark

KMDSI has introduced a new weld lens frame which now has the Kirby Morgan name on the front. These frames require a new, smaller bumper (11), part number 510-577. The older larger style bumper, part number 510-576 fits in the weld lens frames without the Kirby Morgan name. The frame (9) part numbers did not change

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