



# Kirby Morgan Dive Systems, Inc.®

1430 Jason Way Santa Maria, California 93455

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

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## Part #525-400 Weld Shield Assembly

**For All Models, Kirby Morgan Helmets & KMB-18A/B & 28B Band Masks**

Loc. #	Part #	Description	Qty
1	540-152	Weld Shield	1
2	510-400	Gasket, Weld Shield	1
3	*	Lens	*
4	530-916	Post, Stand-Off	4
5	535-402	Formed Spring, Weld Shield	1
6	530-210	Mount Bolt	2
7	530-527	Washer	2
8	530-917	Bolt	2
9	530-535	Washer	2
10	520-030	Teflon Washer	4
11	540-145	Mount Ear, Left	1**
12	540-146	Mount Ear, Right	1**
13	530-530	Washer	2
14	530-408	Star Washer	2
15	530-320	Lock Nut	2
16	530-022	Screw	4

\* Lenses are available separately as P/N 525-411 lens medium or P/N 525-412 lens dark

\*\* Diver's point of view

This Welding Shield Assembly will fit all models of Kirby Morgan helmets and the KMB-18A/B, and the KMB-28B Band Masks. The 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 shield assembly.

### **⚠ CAUTION**

**The Weld Shield mount bolt (6) is to only be used when the Weld Shield is mounted to the port retainer. Use of this screw without the Weld Shield will result in damage to the fiberglass or stainless steel port area. The plug screws should be replaced when the Weld Shield is not mounted to the port retainer.**

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

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## Installation Instructions

1. Remove the two plug screws from the port retainer.
2. Insert the mount bolts (6) through the spacer washers (7) and then through the mount ears (11, 12).
3. With the shield facing out of the helmet or mask, install and tighten (to 23 inch pounds) the two mount bolts (6) into the port retainer.

## ⚠ WARNING

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 overstressed that any underwater explosion can result in the injury or death of the diver!

