

# Kirby Morgan Dive Systems, Inc.

1430 Jason Way, Santa Maria, CA 93455

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

www.kirbymorgan.com Email: info@kirbymorgan.com



## Caution Notice # 1 of 2005 Regulator Assembly

March 22 of 2005

### **Subject:**

**Regulator assembly Part # 505-069**

**Regulator Body, Part # 545-080**

### **Products Affected:**

**Kirby Morgan helmets and BandMasks**

We have discovered an inconsistency with some of our regulator assemblies P/N 505-069 that were manufactured between January 1, 2005 to March 1, 2005. The tube that holds the inlet valve and lever arm on some of these units in this batch are misaligned and consequently the lever arm sits offset. This offset if large enough will not allow the lever to travel smoothly and may increase the inhalation effort. Regulators that have this configuration should be taken out of service and not used until they have been replaced.

**Correct position**



**Fig.1**

In **Fig.1** note the parallel line drawn that represents the horizon. The roller lever's correct position is parallel to that.

**InCorrect position**



**Fig.2**

In **Fig.2** note the parallel line drawn that represents the horizon. The roller lever is out of position at an angle that exceeds three degrees.

**Note** that some regulators may have roller levers that appear to be out of alignment by one or two degrees. This is within acceptable tolerances and performance and these regulators do not need to be returned for replacement.

If you discover that you have any of these products with the offset lever arm or inconsistent tube spacing, please send them back to KMDSI and we will replace them at no charge to you as soon as possible. If you have helmets and/or bandmasks with this incorrectly assembled regulator and you have an Authorized KMDSI Technician available, please remove the regulator and return it for replacement. We have corrected this situation and do not anticipate any further inconsistencies.

Thank you for your cooperation and we apologize for any inconvenience.