

## MILITARY TECHNICAL BULLETIN

### SUBJECT: Webbing modification for CSAV SCUBA Strap Kit PN 769091

- **Affected Units: CSAV Units manufactured before 07/09 utilizing the Mariner Kam-Pac or the Mariner Twin Pack SCUBA attachment system**
- **Problem: Strap slippage of CSAV SCUBA Strap Kit PN 769091**

#### SITUATION

It has come to Aqua Lung's attention that the **CSAV SCUBA Strap Kit PN 769091** has a potential to slip out of the three bar slide and the Mariner Kam-Pac or the Mariner Twin Pack when wet allowing the Kam-Pac & cylinder or the Twin Pack & cylinders to separate from the CSAV.

#### ANALYSIS

As the above comments state, the raw ends of the webbing used in PN 769091 tend to slip which can ultimately result in the Kam-Pac or Twin Pack partially separating from the CSAV. When the webbing is threaded as shown in Figure 1, it may slip easily through the 3 bar slide. It is unlikely that the Kam-Pac SCUBA cylinder or Twin Pack SCUBA cylinders will completely separate from the CSAV due to the four independent connection points to the CSAV.

#### CORRECTIVE/PREVENTIVE ACTIONS:

Aqua Lung has informed Production Dept. to amend all manufacturing instructions to include a sewn end fold on all webbing used in sewn diving products. All webbing used for PN 769091 will receive a 1/2" sewn end fold, leaving an approximately 1/4" butterfly (Figure 2). The webbing will be threaded such that if the webbing slips, it should catch on the center bar of the slide adjuster (Figure 3). Straps should be weaved through the Kam-Pac/Twin Pack as designed (Figures 4 & 5). Owners of affected units may make these changes on site if desired. As always, local command instructions/directives take precedence over manufacturers recommendations.

If you have any questions, please contact our Military Product Manager at 877-253-DIVE or 760-597-5048. E-mail: [rbedard@aqualung.com](mailto:rbedard@aqualung.com) . Your cooperation is much appreciated.



Figure 1

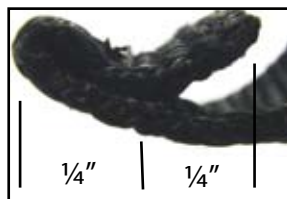


Figure 2



Figure 3



Figure 4

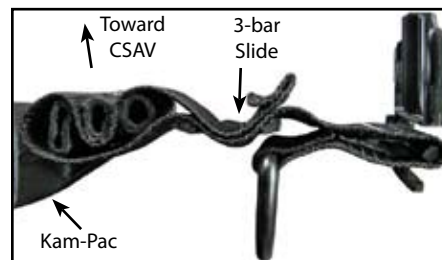


Figure 5