

MILITARY TECHNICAL BULLETIN

SUBJECT: Failure of the Powerline Airway Hose PN 15740

- **Affected Units: Powerline Ribbed Hoses with one (1) or two (2) dots on the lower end of the Hose**
- **Problem: This ribbed hose has a tendency to tear at the lower end when excessive bend is applied to the lower inflation unit**

SITUATION

It has come to Aqua Lung's attention that during normal diving operations the ribbed hose may separate beneath the last rib nearest the lower unit (Figure 1).

ANALYSIS

As the above comments show, the the original Powerline hose tended to get less flexible over time and may fail during use. The Powerline is fairly rugged but not entirely impervious to extreme operating conditions.

CORRECTIVE/PREVENTIVE ACTIONS:

Aqua Lung has redesigned the Powerline Airway Hose with a more flexible compound. Hoses with one dot only (Figure 2) or two dots only (Figure 3) should be replaced with newer hoses that have three dots (figure 4). **These three dot hoses have two dots on the opposite side.** These are correct to use. Figure 1 shows the location of the dot markings. Owners of affected units are requested to upgrade these older hoses on site to prevent pre-mature failure. Please contact Aqua Lung America if you have Ribbed Airway Hoses that have one or two dots only on them. Aqua Lung America will provide replacements at no cost. The Powerline Airway hose replacement and testing procedures are contained in the CSAV Technical Manual (09/07- 11/10) (10.07), illustrated on pgs 38-40. This technical manual is available for viewing or download on the Aqua Lung Military and Professional website. 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 . Your cooperation is much appreciated.

