

April 13, 2011

## **IMPORTANT SAFETY NOTICE**

To: **All Users of Sperian Warrior Self-Contained Breathing Apparatus (SCBA)**

The purpose of this Important Safety Notice is to advise you of a potential safety issue with the Rapid Intervention Crew/Company Universal Air Connection (RIC UAC, hereafter referred to as the UAC) used in Sperian Warrior SCBAs.

Under some conditions, it is possible to pull the protective dust cap off the pin in the pin-and-cap assembly, resulting in the pin remaining stuck in the UAC coupling. If the cap has separated from the assembly, the pin stuck in the coupling would prevent the coupling from functioning in a rapid intervention scenario.

This condition can occur when the pin has not been removed from the coupling for a long time. There is an internal o-ring in the coupling that seals against the pin. If the pin has not been “exercised” by removing it from the coupling periodically, it can take a set (become stuck) against the o-ring. The amount of force necessary to then remove the pin-and-cap assembly from the coupling may exceed the ability of the cap to remain attached to the pin, and the cap may separate from the pin.

This condition can also occur if the pin has been bent during use.

### **What you need to do:**

1. Attempt to remove the pin-and-cap assembly from the UAC coupling (see Figures 1 and 2).

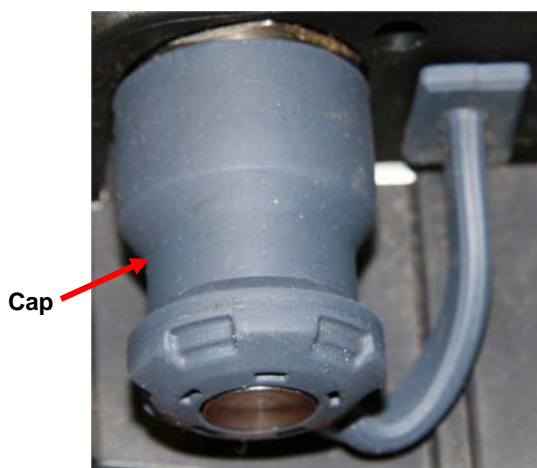


Figure 1

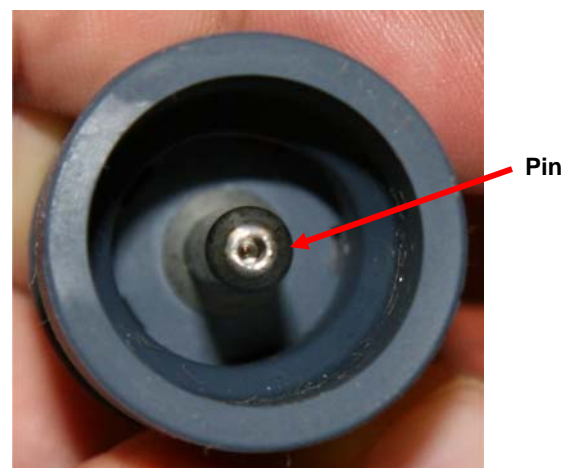


Figure 2

2. If the pin-and-cap assembly can be removed from the UAC coupling, inspect the pin to ensure that it is not bent (see Figure 2). If it is bent, contact your local Sperian Warranty Service Center to have a Sperian-certified technician replace the pin-and-cap assembly (Sperian part number 975641) on the Warrior; then follow the lubricating procedure in Step 3 below.
3. If the pin is not bent, use a cotton swab to apply a **thin** coat of Molykote 33 Light (Sperian part number 820489) to the sides of the pin shaft from just below the tip of the pin to approximately ¼-inch below the tip of the pin. Do not overlubricate. Do not apply Molykote 33 Light to the tip of the pin. Ensure that the cotton swab does not deposit any lint on the pin shaft. You do not need to be a Sperian-certified technician to apply Molykote 33 Light to the UAC pin.



**WARNING**

**Ensure that no dust, dirt, soot, or other foreign matter is deposited on the pin or in the coupling.**

4. Reinsert the pin into the UAC coupling. Test the pin by removing and reinstalling it at least three times. The pin should move freely into and out of the UAC coupling.
5. If, during the initial attempt to remove the pin-and-cap assembly from the UAC coupling, the cap separates from the pin and the pin becomes stuck in the UAC coupling, use pliers to remove the pin from the coupling, and contact your local Sperian Warranty Service Center to have a Sperian-certified technician replace the pin-and-cap assembly (Sperian part number 975641) on the Warrior. Apply Molykote 33 Light (Sperian part number 820489) to the new pin and test the pin as described above.
6. Relubricate the pin at least once a year with Molykote 33 Light during the annual flow test for the Warrior.
7. “Exercise” the pin monthly during your normal monthly checks by removing and reinstalling it at least once. The pin should move freely into and out of the UAC coupling.

Please fill out the attached UAC Safety Notice Inspection Form and fax it to Sperian at **800-201-4407** as soon as you have completed your initial inspection.

Sperian started applying Molykote 33 Light to the UAC pin in new Warrior SCBAs on April 4, 2011. Therefore, you do not need to perform steps 1 through 5 above on any SCBAs shipped from Sperian starting April 4, 2011. However, you still must perform steps 6 and 7, regardless of when you received your Warrior SCBAs.

Sperian is in the process of obtaining certification for a new UAC cap that is made by the manufacturer of the UAC coupling. This new pin-and-cap assembly has been used for years by several other SCBA manufacturers with no reported field issues, according to the coupling manufacturer. We will notify you when the new UAC cap has received certification. At that point you may either continue using your current UAC pin-and-cap assembly as long as you follow the seven steps above, or you may install the new UAC pin-and-cap

assembly. If you choose to install the new pin-and-cap assembly, Sperian will supply it to you at no charge.

Sperian Respiratory Protection is providing this information in the interest of your safety. We apologize for any inconvenience. All questions should be directed to **Sperian Technical Services** at **(800) 394-0410**.

Sincerely,

A handwritten signature in black ink that reads "Steven H. Weinstein". The signature is written in a cursive style with a large initial "S".

Steven H. Weinstein  
Technical Services Manager