



Sperian Respiratory Protection USA, LLC - 3001 South Susan St - Santa Ana, CA 92704

IMPORTANT SAFETY NOTICE Concerning SPERIAN Warrior SCBA Heads-Up Display (HUD) Cable Connection

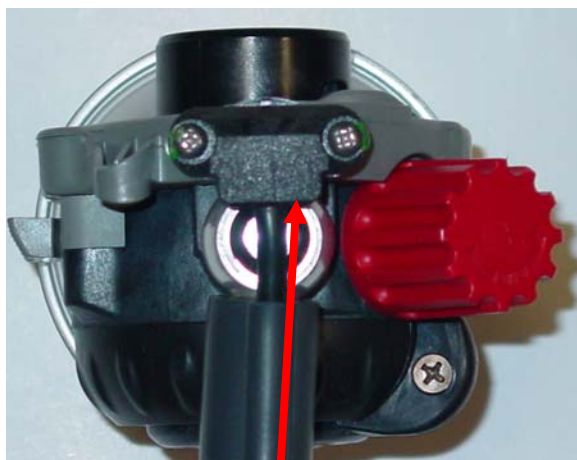
December 2, 2008

To: All users of Sperian WARRIOR Self Contained Breathing Apparatus (SCBA)

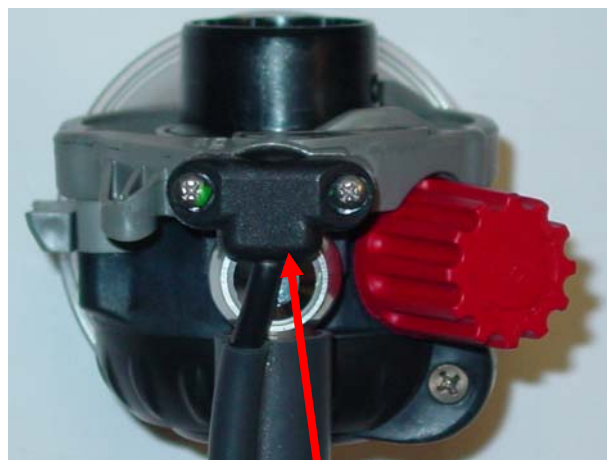
The purpose of this Safety Notice is to advise you of a potential problem with the electrical connection between the WARRIOR HUD module and cable assembly on some WARRIORS.

Sperian has determined through examination of some WARRIOR warranty returns that HUD lights did not work correctly. The cause was determined to be the cable assembly that attaches to the HUD. While this condition has been seen on fewer than 1% of Warriors shipped, and there have been no injuries reported, the cable assembly has been redesigned to eliminate this potential problem. Figure 1 below shows the original cable assembly and Figure 2 shows the new cable assembly. Note that the new cable connector has a rounded edge where the old cable connector had a square edge.

Sperian will replace under warranty the cable assemblies on all WARRIORS that were made with the old cable assembly.



Old connector
Square edge



New connector
Rounded edge

Figure 1 Old cable assembly.

Figure 2 New cable assembly.

What you need to do

Examine the cable assembly connector and determine if your WARRIORS have the old cable assembly. If they do, contact a Sperian warranty center to arrange to have the cable assemblies replaced. (Note that Sperian technicians certified for Panther repair, but not yet certified for WARRIOR repair, are authorized to make this repair, because the procedure for replacing the WARRIOR HUD cable/hose assembly is the same as for the Panther.)

 **WARNING**

Close inspection of your Warrior's cable assembly connector, as described above, may be critical to your safety. Failure to examine your Warrior's cable assembly, as noted above, may lead to serious personal injury or death.

 **WARNING**

If a HUD malfunctions during use, immediately exit to a safe area. If a HUD malfunctions during start-up, do not use the SCBA. Use of, or reliance upon, a HUD that malfunctions either during start-up or during use at a fire scene may lead to serious personal injury or death.

User Instructions

Our records indicate that you, or your department, have purchased WARRIOR SCBAs that require this inspection and, if necessary, upgrade. Please inspect the WARRIOR SCBA's second stage regulator HUD connector as specified according to the procedure outlined in this Safety Notice. If the connector is identified to be an old style connector with the square edge as shown in Figure 1 of this Safety Notice, it must be replaced. New hose and cable assemblies will be provided free of charge to replace those found to be of the old configuration. There are three methods to facilitate changing your hose and cable assemblies. Please review the attached form and make the selection that best suits your needs.

If you choose to perform the upgrade yourself, after you have received the new hose and cable assemblies, please follow these upgrade instructions:

Upgrade Instructions

Verify that the SCBA air is off and the system is depressurized prior to performing this upgrade.

CAUTION: Do not disconnect the second stage regulator from the WARRIOR when the system is pressurized. Doing so may cause the inline screen filter located in the male quick disconnect to be blown out and lost.

Disassembly Procedure

- Using a Phillips screwdriver, remove the two screws and lock washers that secure the HUD cable to the HUD display module. Retain the screws and lock washers for future reassembly.
- Using a small, flat blade, jewelers screwdriver, remove the spiral retaining ring that secures the hose assembly to the second stage regulator inlet fitting. Dispose of the spiral ring.
- Remove the hose and cable assembly from the second stage regulator inlet fitting and set aside for return to the Sperian factory.

Inspection Procedure

- Inspect the two o-rings on the second stage regulator inlet fitting for damage or deterioration, replace if necessary. Very lightly lubricate both o-rings with Christolube, part number 910699.

Reassembly Procedure

- Install the replacement hose and cable assembly onto the second stage regulator inlet fitting and secure with a new spiral retaining ring, part number 864150.
- Ensure that the HUD cable sealing o-ring, part number 826002, is properly seated on the cable connector prior to installing the cable into the HUD display.
- Using the screws and lock washers retained from disassembly, secure the HUD cable connector to the HUD module and torque the screws to 6 +/- 1 inch pounds.
- Apply a small amount of sentry seal, part number 820464, to the screws as required.

Testing Information

NOTE: PosiChek testing for this upgrade MUST utilize the most current Sperian Respiratory Protection software, version, 3.26U. To upgrade your software to this version, you may download it at: http://www.biodownloads.com/html/posi_survivair.htm

Once the upgrade has been completed, at a minimum perform the PosiChek tests listed below or perform a complete PosiChek test. Include a note in the comments section of the PosiChek tests results stating that the hose and cable assembly, part number 975328, was upgraded.

Testing Procedure

Using the PosiChek menu choose the correct WARRIOR SCBA configuration to perform the required tests. At a minimum, perform the following tests:

<u>TEST</u>	<u>NOTES</u>
▪ Activation/Static Pressure	
▪ Standard Work Rate	Test both the Facepiece Pressure and Intermediate Pressure
▪ Maximum Work Rate	Test both the Facepiece Pressure and Intermediate Pressure
▪ Pressure Gauge Accuracy	HUD Test only
▪ Bypass Test	

Or a complete test may be performed

The Warrior SCBA platform is designed to be the most advanced SCBA platform available and Sperian is committed to ensuring safety, dependability and an outstanding user experience for our customers. We are conducting this inspection and replacement in accordance with our company philosophy of delivering the safest, highest performing products possible. We apologize for any inconvenience this may cause and thank you for your immediate attention to this issue. If you have questions or require additional assistance, we encourage you to speak with a Sperian Respiratory Protection Customer Care representative toll-free at **(888) 870-4587**.

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