



Mine Safety Appliances Company • P.O. Box 426 • Pittsburgh, PA 15230

Telephone: (412) 967-3000

Writers Direct Dial No.

User Notice

MMR 3000 psig Air Mask Universal Rescue Connection

January 31, 2005

Dear Air Mask User,

MSA recently received a report that the Quick-Fill[®] Universal Rescue Connection (URC) on a MMR 3000 psig Air Mask was blocked and did not permit the transfill of air. Our evaluation of the condition indicated that the orifice in the housing was not manufactured properly and that other MMR 3000 psig Air Masks may have been shipped with a blocked orifice. No reports of injuries have been received; however, MSA recommends that users have their SCBA inspected to ensure that the Quick-Fill URC functions properly.

This notice applies only to MMR 3000 psig Air Masks shipped from April 2003 through November 2004. It does not apply to 2216 or 4500 psig models. The URC is located on the Audi-Larm[™] body. Air masks in question have the following markings on the Audi-Larm body:

Part Number: "10043947" or "10046032"
Serial Number: Either a "W" or "X" as the third digit (serial number is marked below part number)

MSA recommends that users of affected SCBA contact their local MSA authorized distributor or an MSA certified CARE technician and arrange to have a function test performed on the URC, and if necessary, replace the Audi-Larm assembly. If preferred, users may perform the function test and/or replace the Audi-Larm assembly themselves using the attached instructions. If replacing the Audi-larm assembly, do not attempt it without using the proper tools and following the specified procedure as this may cause damage to the SCBA.

We regret any inconvenience this situation may cause; however, it is important that we take this preventative measure to address this potential safety concern. If you have any questions, please contact MSA Fire Service Technical Support 1-877-MSA-3473.

Very truly yours,

Charles J. Seibel, Jr.
Manager of Product Safety

PPL05002-01

LOCATION: RIDC Industrial Park • 121 Gamma Drive • Pittsburgh, PA 15238

Performing the Universal Rescue Connection (URC) Function Test

1. Place an empty 3000psi air cylinder into the apparatus to be tested.
2. Using a 2216psi pressure source with Quick-Fill capability, transfill to the empty cylinder according to the user's instructions supplied with the air mask (P/N 10023638).
3. Check the time required for the receiver cylinder to reach 600psi (the end of the red band on the cylinder gauge).
4. The time should be less than 45 seconds. If the time is more than 45 seconds, remove the SCBA from service as the Audi-Larm™ assembly must be replaced.

Removing the Audi-Larm Assembly from High Pressure Hose

- 1 Use a 13/16" wrench on the alarm body flats where the high pressure hose attaches.

⚠ CAUTION

Be careful that you do not damage the bell or the housing with the wrench.

- 2 Place a 5/8" wrench on the hex flats of the hose fitting. Unthread in a counter-clockwise direction to remove the high pressure hose.
- 3 Using the O-ring removal tool, remove the O-ring from the hose fitting. Be careful Do not damage the O-ring seal area.

Installing the Audi-Larm Assembly on the High Pressure Hose

- 1 Use transparent tape to cover the hose fitting threads.
- 2 Install a new O-ring (P/N 638166) on the high pressure hose fitting. Lubricate the O-ring.
- 3 Remove the tape.
- 4 Hand thread the hose fitting clockwise into the alarm outlet.
- 5 Use a 13/16" wrench on the alarm body flats where the high pressure hose attaches.
6. Tighten with a 5/8" crowsfoot and torque wrench to 100-140 in.lbs.

Note: Perform the function test above to verify that the URC operates properly.