

Product Information News

January 31, 2005

NFPA 2002 EDITION 3000PSIG INSPECTION

MSA is adding a function test for the Universal Rescue Connection (URC) to the requirements for the annual flow test on MMR 3000psi Air Masks. The URC is located on the Audi-Larm™ body. The inspection procedure is as follows:

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" crowfoot and torque wrench to 100-140 in.lbs.

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



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