

Product Information News

February 15, 2013

URC PRESSURE RELIEF VALVE

MSA has received reports of loose or hand-tight pressure relief valves located on the Audi-Larm® Audible Alarm assemblies of NFPA 1981-2002 and newer compliant SCBA. The pressure relief valve protects the SCBA from over pressurization in the event the Universal Rescue Connection (URC) is used under emergency conditions.

MSA recommends that CARE certified technicians inspect the pressure relief valves on all MSA SCBA equipped with Universal Rescue Connection (URC) located in the Audi-Larm Audible Alarm assembly on NFPA 1981-2002 and 2007 compliant SCBA for proper torque settings when the SCBA undergoes its annual flow test.

Pressure relief valves that are loose and not leaking can be re-torqued using a torque wrench with a 6 point 11/16" socket to 200-250 in. lbs.

Pressure relief valves that are leaking should be removed from the Audi-Larm Audible Alarm assembly, and re-installed using the following procedure:

Installing the Relief Valve

1. Inspect relief valve for physical damage
 - a. If damage is evident or the label is missing on the relief valve, install a new relief valve.
2. Install a new O-ring (P/N 632736)
 - a. Temporarily apply tape to the threads, so that the O-ring is not damaged, slide the new O-ring into place.
 - b. Apply a small amount of Christo-Lube Lubricant to the O-ring.
3. Screw the relief valve into the alarm body and hand tighten.
4. Use a torque wrench and 6 point 11/16" socket to tighten the relief valve to 200-250 in. lbs.



NOTE: Be careful not to cross-thread the relief valve.

5. Leak test the assembly with Snoop liquid leak detector solution P/N 600920, or equivalent, to ensure the system is leak tight.

For More Information, call 1-800-MSA-2222 or Visit Our Website at www.MSAafety.com