

T E C H N I C A L B U L L E T I N

#48 March 8, 1989

INSPECTION OF MARK 2 LOW PRESSURE HOSE QUICK DISCONNECT ON ALL MODELS

The intent of this bulletin is to provide clarification of the routine inspection instructions contained in the users manual. Inspection of the low pressure assembly is critical to the proper operation of any SCBA unit and attention to detail must be emphasized.

The instruction manual, P/N 995387, calls out on page six, paragraph F to inspect the hose quick disconnect. SURVIVAIR recommends a thorough inspection of this item and the mating regulator quick disconnect. Listed below are detailed instructions for your periodic inspections.

On the low pressure hose:

1. Inspect the outside of the nut, P/N 941799 or 941879 for the location of the pressed steel pins. These pins should be flush or recessed into the nut. This permits full engagement of the pins on the QD.
2. Pull upward on the nut (toward the mask) and you should feel spring resistance from the wave spring washer, P/N 980075. Release the fitting and it should return firmly to the seat and not rattle or spin.

On the regulator outlet:

1. Inspect the quick disconnect coupling, P/N 980077 or 941880 for any wear of the track (channel). This wear generally occurs at the turning of the QD.
2. Inspect the locking notch for wear.

Function test:

1. Ensure the quick disconnect and the locking nut lock together smoothly. When engaged in the locking notch, the assembly should not be loose.
2. When unlocking the parts, it should require a definite movement and the nut should move down before moving along the track.

If either part shows wear, replace that part. If the wave spring washer no longer supplies sufficient pressure it is time to replace it. SURVIVAIR does not recommend "bending" the washer to provide more pressure.