

TECHNICAL BULLETIN

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MARK 2 NFPA HARNESS INSPECTION GUIDE

Inspection procedures for the Mark 2 harness.

Care and maintenance of the back pack is an integral part of the inspection process. Visually examine each back pack, using this guide. Additional local inspection points should be added when desired.

During the SCBA overhaul Survivair recommends a thorough cleaning be completed before inspection.

TYPE OF INSPECTION

ACTION REQUIRED

I. WEBBING

- | | |
|---|--|
| A. Cuts, tears | a. Replace affected strapping. |
| B. Broken stitching | b. Replace strapping if loss of stitching endangers strength |
| C. Discolored | c. Light Color – Sunlight, contamination or a cleaner has affected strength, replace. Dark Color – Dirt or grease – clean thoroughly reinspect |
| D. Wear at shoulder strap attachment points | d. Slight Wear: Add wear plates. Excessive Wear: Replace straps, add wear plates. |
| E. Frayed | e. Replace strapping, determine what caused wear, replace or repair. |

NOTE: Coated strapping (silver) can be used with uncoated strapping (blue) if desired.

II. HARDWARE

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|--|--|
| A. Plating | a. If corroded or rusted – replace. |
| B. Tightness of screws and nuts | b. If loose; use Loctite 680 on strap adjustment buckles. Use Loctite 280 on all others. |
| C. Angle of fixed adjustment strap buckles | c. Loosen screw, apply locktite. Tighten with correct angle. |

- D. Movement of swivel adjustment strap buckles
 - d. Remove assembly, check for correct assembly, remove corrosion, apply **Locktite 680**, tighten.

NOTE: Adjustment strap buckles can be changed from swivel to fixed if desired. See current parts book for fixed configuration.

III. FRAME

- A. Cracking
 - a. Replace cracked piece.
- B. Cylinder band attachment
 - b. Loose: Replace attachment screws.
- C. Waist strap attachment
 - c. Loose: Remove screw, readjust strap, use new screw with Locktite 242.
- D. Bent or Twisted
 - d. Replace piece.
- E. Corrosion
 - e. Remove corrosion, inspect for strength, replace or retain.

IV. CYLINDER BAND

- A. Proper function of latch
 - a. Clean and lubricate latch, check operation.
- B. Condition adjustment slots
 - b. Replace band.
- C. Rust, corrosion
 - c. Replace band.

V. OVER THE SHOULDER GAUGE

- A. Inspect gauge hose for leaks or damaged coils
 - a. Replace hose if leak occurs.
- B. Inspect all fittings for bends or deformations
 - b. Replace pins, o rings or parts which allow excessive movement.
- C. Check accuracy of gauge
 - c. Use latest SURVIVAIR test sheet to compute allowable range.
- D. Position gauge at desired angle
 - d. Turn gauge line at regulator until gauge is positioned at desired.