

**88VXRT can be ordered under the part number 88VXRTP which includes an inner shell/plenum.**

## Installation Instructions

The 88VXRT Flex-Gear® ratchet suspension fits 88VX™ Series supplied-air respirators manufactured by Bullard. Install the 88VXRT suspension according to the following instructions. Refer to the 88VX Series Airline Respirator User Manual for additional information.



## Removing Cape and Inner Shell from Respirator Helmet

To install the headband suspension, remove cape from helmet using the following steps.

1. Open hinged window frame by lifting up on window latch.
2. Remove cape from helmet by lifting up on clamp and disengaging cape from helmet groove (see Figure 1).
3. Turn helmet upside down to remove inner shell from helmet. Hook index finger into loop on back of inner shell. Press thumb against helmet rim and pull loop toward front of helmet, then pull shell up and away from helmet (see Figure 2). This releases the inner shell.

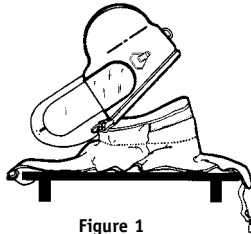


Figure 1

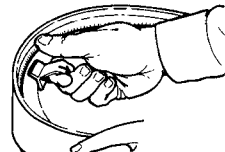
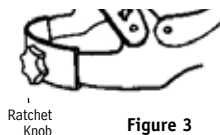


Figure 2

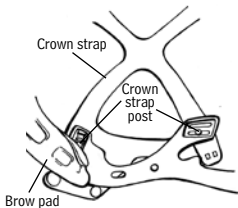
## Sizing

Turn ratchet knob until headband is at its largest size. Place suspension on your head and adjust ratchet knob to a comfortable fit (Figure 3). An optional chin strap is available for additional comfort and stability.



Ratchet  
Knob

Figure 3



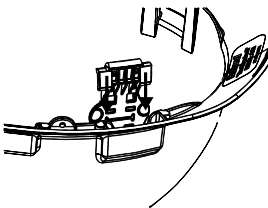
**Figure 4**

### Adjust Crown Straps for Vertical Fit

To improve suspension comfort, adjust crown straps vertically by repositioning the crown strap posts in the crown straps. Vertical adjustment makes the headband ride higher or lower on the wearer's head. To adjust, push crown strap post from slot, move to new slot and snap in to secure. Repeat for other crown strap post (Figure 3).

### Installing Ratchet Suspension into Inner Shell

1. Turn inner shell and headband suspension upside down.
2. Place 88VXRT headband suspension inside shell with brow pad facing front of shell.
3. Insert the suspension key into its respective slot. Push firmly until it holds firm. Repeat for each key. (fig 5)
4. Insert inner shell into helmet with front of shell tilted downward. Align round hole located at inside front of shell with washer at front of helmet. Press back of shell into helmet until it snaps in place.
5. Reattach cape to helmet. See below.



**Figure 5**

### Attaching Cape to Helmet

1. Place cape on table or workbench.
2. With window frame open, place helmet on top of cape.
3. Line up the clamp on the cape with the front center of the helmet.

#### **NOTE**

Installation is easiest when started at the front of cape and helmet.

4. Ease cape rim completely into the groove along helmet edge, working your way to the back. Be certain cape is completely in place at every point along helmet's bottom edge.
5. Snap the clamp to tighten cable and hold cape snugly on helmet, while ensuring the cape stays in the groove.
6. Close and latch window frame.

