**GENERAL PRODUCT INFORMATION**

**FEATURES**
- Safety stores most U.S. and International SCBA brands and sizes.
- Patented auto lock system holds the SCBA securely in place.
- Patented one-touch release handle (no straps or clamps to snag).
- Easy adjust components.
- Meets NFPA 1901 standards and requirements of EN 1846

**SAFETY INFORMATION**
- DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.
- WARNING indicates a hazardous situation which, if not avoided, COULD result in death or serious injury.
- CAUTION indicates a hazardous situation which, if not avoided, COULD result in minor or moderate injury.
- NOTICE is used to address practices not related to physical injury.

**TOOLS REQUIRED**
- 1/4" (6.4mm) Hex Key Wrench
- 1/8" (3mm) wrench
- #3 Phillips Screwdriver

**SETUP AND ADJUSTMENT**

**AIR CYLINDER BRAND AND CYLINDER DIMENSION CHART**

Identify air cylinder size before adjusting SecureALL®.

<table>
<thead>
<tr>
<th>CYLINDER TYPE</th>
<th>DIAMETER</th>
<th>CIRCUMFERENCE</th>
<th>MAX CYLINDER SUPPORT KIT</th>
<th>BRASS</th>
<th>LOWER</th>
<th>UPPER</th>
<th>N/A</th>
<th>TO BE REMOVED BY THE CUSTOMER ONLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>APEX 350</td>
<td>5&quot;</td>
<td>159mm</td>
<td>4500PSI COMPOSITE</td>
<td>N/A</td>
<td>C</td>
<td>A</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>22 1/4&quot; ALUMINUM</td>
<td>176mm</td>
<td>657mm</td>
<td>4500PSI COMPOSITE</td>
<td>N/A</td>
<td>C</td>
<td>A</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>25 1/4&quot; ALUMINUM</td>
<td>187mm</td>
<td>781mm</td>
<td>4500PSI COMPOSITE</td>
<td>N/A</td>
<td>C</td>
<td>A</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>26&quot; ALUMINUM</td>
<td>194mm</td>
<td>828mm</td>
<td>4500PSI COMPOSITE</td>
<td>N/A</td>
<td>C</td>
<td>A</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>30&quot; ALUMINUM</td>
<td>211mm</td>
<td>936mm</td>
<td>4500PSI COMPOSITE</td>
<td>N/A</td>
<td>C</td>
<td>A</td>
<td>5</td>
<td>6</td>
</tr>
</tbody>
</table>

**ADJUSTMENT INSTRUCTIONS FOR THE SECUREALL® SCBA LOCKING SYSTEM**

**VALVE CUP ADJUSTMENT**

For Interspiro SCBA with angled valve support only: use 1/4" (6.4mm) hex key wrench to remove attachment screw, rotate valve cup 180°, and reinstall screw for valve cup notch positioned rearward. See Figure 3.

**Cylinder Support Position Adjustments**

1. Measure overall SCBA cylinder length (including valve). For SCBA’s 22 1/4" (571mm) to 22 1/2" (578mm), use upper mounting holes. For SCBA’s 22 1/2" (578mm) to 26" (660mm), use lower mounting holes as shown in Figure 4.

2. If applicable, remove attachment screws, position cylinder support assembly, and reinstall screws.

**Top Clamp Adjustment**

1. Measure the circumference of the SCBA bottle and refer to Table 1 for Top Clamp Position.

2. Place valve in fast cup and push bottle into SecureALL®.

3. Use 1/8" (3mm) hex key wrench to remove clamp adjustment screws and slide clamp reward or outward to find the correct fit. See Figure 5. Note that the bottle should have some freedom to move.

4. Replace and tighten adjustment screws in the appropriate clamp adjustment holes.

5. Remove and reinstall the SCBA assembly to confirm adjustment for cylinder size. Ensure there are no obstructions that could prevent the cylinder from locking up against the clamp.

**WARNING**

The installer is liable for SCBA bracket adjustment. Failure to properly tighten fasteners could result in cylinder support coming loose unexpectedly and accidental SCBA release.

**SECUREALL® BRACKET COMPONENTS**

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Clamp</td>
<td>Clamp adjustment screws</td>
</tr>
<tr>
<td>Pivot Arm Locking Plate</td>
<td>Quick height adjustment lever</td>
</tr>
<tr>
<td>Latch Assembly</td>
<td>Center guide adjustment screws</td>
</tr>
<tr>
<td>Cylinder Support Assembly</td>
<td>Center guide adjustment screws</td>
</tr>
<tr>
<td>Cylinder Support Attachment Screws</td>
<td>Cylinder support attachment screws</td>
</tr>
<tr>
<td>Valve Cup Attachment Screw</td>
<td>Valve cup attachment screw</td>
</tr>
</tbody>
</table>

**SECUREALL® BRACKET ADJUSTMENT INSTRUCTIONS**

1. **Valve Cup Adjustment**

Standard insert 8030-646 is factory installed on all SecureALL® brackets. See Figure 2.

2. **Cylinder Support Position Adjustments**

3. **Top Clamp Adjustment**

**WARNING**

The installer is liable for SCBA bracket adjustment. Failure to properly tighten fasteners could result in clamp sliding forward and accidental SCBA release.
4. BOTTLE LENGTH HEIGHT ADJUSTMENT

OPERATION
1. Lift up on the Quick Height Adjustment Lever. Slide clamp up or down to contact cylinder. See Figure 8.
2. While holding position of the clamp assembly, push the height adjust lever 1/8" (3mm) down. Do not force the lever down or it may be difficult to adjust in the future.
3. If the clamp assembly is difficult to slide up and down, use a 3/16" (11mm) wrench to loosen the locking nut.

If too tight, loosen by 1 turn. Ensure screw thread fully engages with nylon insert in locking nut.

4. If, after adjusting the top clamp, the center guide interferes with the release cable, adjust the center guide downward. To adjust, use a 3/16" (4.5mm) hex key to loosen the two screws and slide the center guide up or down to the desired height. Once the height has been established, tighten the screws to lock in place.

5. Quick height adjustment must be verified whenever a new cylinder is used.

5. CABLE ATTACHMENT AND ADJUSTMENT

The release cable is routed up through the opening in the cylinder support and center guide and is attached to the latch bracket by two nuts tightened around latch bracket. See Figure 7.

1. Screw and nut attaching cable to latch should spin freely, but screw on thread should fully engage nylon insert in nut. See Figure 7.

2. To increase release handle sensitivity, use a 3/16" (4.5mm) wrench to loosen nut B and tighten nut A. See Figure 7.

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For optimum release handle position, adjust the cable length so the latch releases when the handle is near the top 80% of range of motion. See Figure 8.

TOOLING SCBA

CAUTION
The installer is liable for SCBA holder mounting. Failure to properly tighten fasteners could result in serious injury or death due to SCBA bracket coming loose from the seat.

5. OPERATING INSTRUCTIONS

STORING SCBA
Place SCBA valve into cup with valve against front edge of cup. Place upper end of SCBA cylinder against the pivot arm locking plate and push to engage latch. See Figure 8.

TROUBLESHOOTING
If the latch doesn’t engage:
1. Ensure the valve is sitting in the valve cup and not on the edge.
2. Adjust clamp assembly upward by about 1/8” (3mm).

CAUTION
SecureALL™ clamping assembly captures top of SCBA cylinder and has a pinch point. Use caution and avoid potential pinch points when operating clamping assembly.

REMOVING SCBA
Pull up on the release handle in the front center of the seat cushion to open the clamp. Remove SCBA. See Figure 10.

OPTIONAL ADJUSTMENTS

SECUREALL™ POSITION
H.O. Bostrom Firefighter seats include holes on the rear of the shroud for mounting the SecureALL™ offset right or left to improve ingress/egress of the SCBA. To adjust, use a 3/16" (4.5mm) wrench to remove the two nuts attaching the SecureALL™ to shroud. Move SecureALL™ right or left and replace the screws. See Figure 11.

WARNING
The installer is liable for SCBA holder mounting. Failure to properly tighten fasteners could result in serious injury or death due to SCBA bracket coming loose from the seat.

SHROUD POSITION
H.O. Bostrom Firefighter seats include holes to adjust the shroud forward or rearward for better accommodates SCBA cylinder sizes. The shroud for an ABTS (All Belts To Seat) seat differs from that of a non-ABTS seat.

The shroud is usually assembled in the most compact (forward) position and may be adjusted rearward for larger diameter SCBAs. See Figure 12.

1. To adjust, remove the two mounting screws on either side of the shroud.
2. Reposition shroud as desired.
3. Replace screws.

BOTTLE SPECIFIC SERVICE KITS
The SecureALL™ can be retrofitted to fit cylinder valves of varying size and shape. See examples below.

MSA G1 Valve uses 8920-077 Valve Cup Kit

8920-034: Quick height adjustment must be verified whenever a new cylinder is used.

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