

QUIC-HOLD® ELECTRIC BRACKET - ALUMINUM "FLAT TOP" CYLINDER ADAPTER KIT CONVERSION MANUAL

For ease of assembly, numbers in parentheses denote part numbers found in original Electric Locking Bracket manual (1029PM1).

1. Activate Manual Release Handle (28) and block with the 3/4" binder clip supplied (see Figure 1).



Figure 1

2. The Top Clamp Striker Plate (26) should now clear Serrated Latch Assembly (5).
3. Unhook the Top Clamp Counter Springs, Left and Right (11 & 12) at the Upper Bracket (2).

CAUTION: Springs under tension!

- Loosen and remove the Top Clamp (1) and Top Clamp Pivot Spacers (18) along with the Counter Springs (11 & 12) and their hardware (see Figure 2). Note the location of the Plastic Washers (58).



Figure 2

- Remove the Top Spring clip (59). It will not be used again.
- Remove Cylinder Locator Bumper (6). It will not be used again.
- Install Modified Cylinder Locator Bumper long-end-down, screw in upper hole of spacer, push bumper up to contact Upper Bracket (2) and then tighten (see Figure 3).

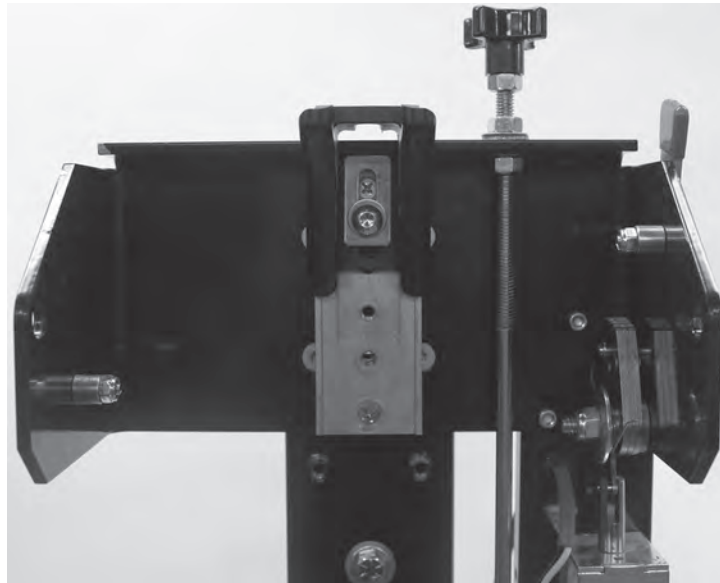


Figure 3

8. Install new FHLP-6 Clip in lower hole of spacer using new 1/4-20 x 1" Torx Hd Pan Head Screw, 1/4" Lock washer, 1/4" Flat washer, and 1/4" Fender washer, and then tighten (see Figure 4).

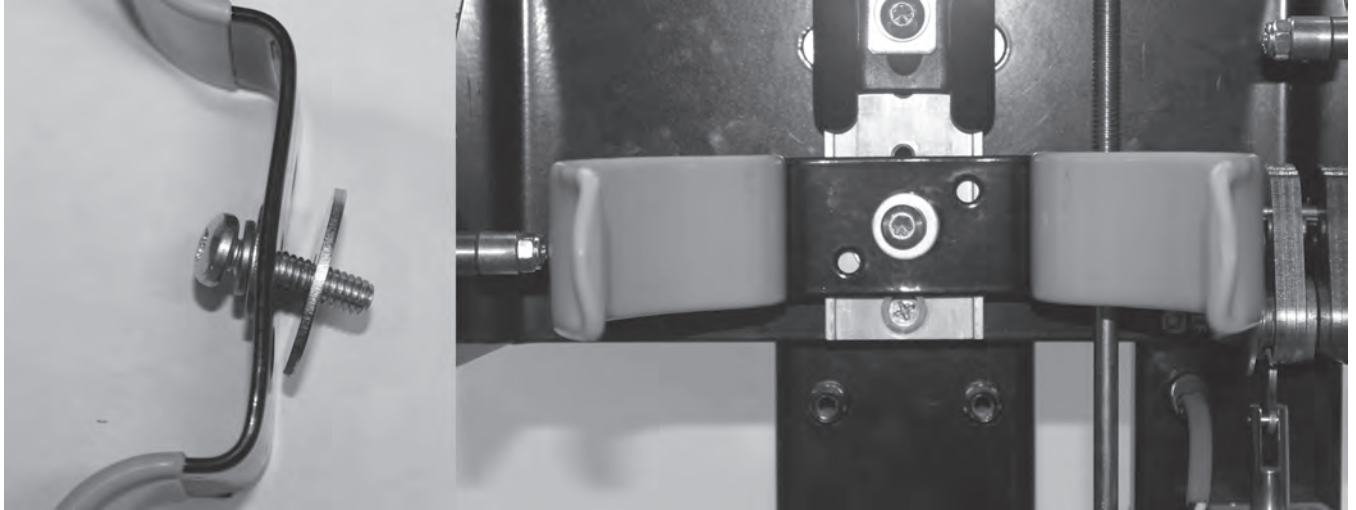


Figure 4

9. Install Modified Top Clamp using the hardware removed from the original clamp, tighten bolts, and reset Counter Springs (11 & 12) (see Figure 5). Check that Modified Top Clamp moves freely.



Figure 5

10. Measure the overall distance from the inside of the Footplate (4) to the top of the Top Clamp (1) (see Figure 6). Adjust the height of the Footplate so that this distance is $13/16$ " longer than the length of the air cylinder. Test both the securing and removing of the air cylinder. When stored there should be a $1/16$ "- $1/8$ " clearance between the cylinder and the Top Clamp (see Figure 7).

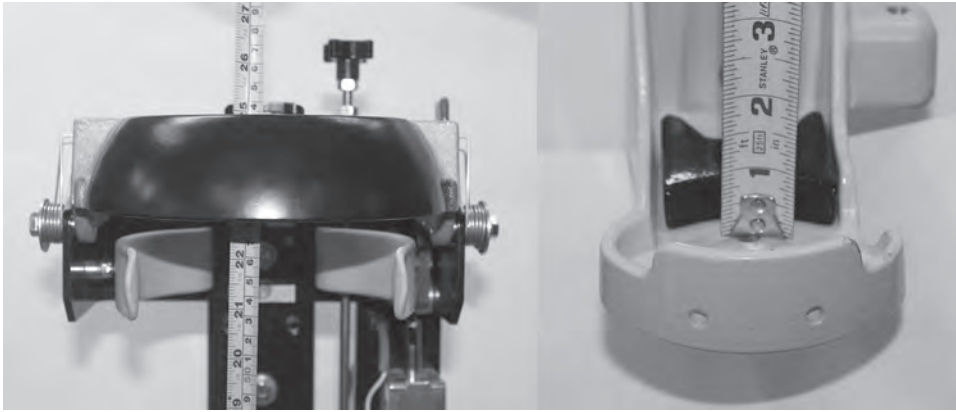


Figure 6



Figure 7

11. Check that SCBA harness can be stowed and removed properly.
12. Remove the binder clip and check bracket functionality either manually or electrically.

NOTE: You may wish to save removed bracket components in the event of a future conversion back to "domed"-style cylinders.



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