

### Step 7. Final Assembly

Insert the bolt through the upper hole in the adapter block. Place the other flat washer over the bolt, followed by the lock washer. Thread the nut onto the bolt until hand tight. Securely hold the head of the bolt with a ½" box wrench. Attach ½" socket to an inch-pound torque wrench and tighten the nut to 50±5 inch-pounds.



### Step 8. Attach the Twin Cylinders

*Note: Aqua Lung strongly suggests that the bottom third of the twin cylinders is secured with a metal support band.*

Pull the free ends of the stabilizer straps and the main cylinder straps between the twin cylinders. Position the BC against the twin cylinders and secure the stabilizer straps. Weave the free end of the cylinder straps through the cam buckles as shown in illustrations on the straps. Pull the free end of the strap to tighten. Slip the free end of the strap through the last slot in the cam buckle and lock down the cam buckle. Make sure the free end of the cylinder strap is secured with the hook/loop attachment.



# AQUA LUNG®

2340 Cousteau Court  
Vista, California 92081  
PHONE (760) 597-5000 FAX (760) 597-4912  
www.aqualung.com

# AQUA LUNG®

## Twin Cylinder Adapter Kit PN 427042

**READ ALL INSTRUCTIONS PRIOR TO ASSEMBLY**

**This adapter kit can be used on the following BC models and sizes that have the large Contour Back Pack:**

- Black Diamond: All\*
- Pro Unlimited: ML,Lg,XL/XXL
- Pro QD: ML,Lg,XL/XXL
- Pro: ML,Lg,XL

**Included in this kit:**

- One Cylinder Strap
- Two Stabilizer Straps
- Two Traction Sleeves
- One Adapter Block
- One 1¾" bolt
- Two flat washers
- One lock washer
- One ½" nut

If any of these parts are missing, please contact your authorized dealer

**Recommended tools:**

- Ratchet Wrench
- Two ½" sockets
- Inch-pound Torque Wrench

*\*Some early model Black Diamond BC's do not have the large Contour Back Pack and are not compatible with this kit. Check with your authorized dealer to determine if your Black Diamond is compatible.*



**WARNING:** Using twin cylinders will require that you recheck your buoyancy to make sure you are not overweighted. Consult your authorized dealer for required buoyancy and ballast adjustments for your twin tank/BCD system

### Step 1. Remove the cylinder band from the BC

Unweave the cylinder band from the cam buckle. Remove the cylinder band from the backpack by unweaving it through the two slots.

### Step 2. Install the Traction Sleeves

Slide the Traction Sleeve onto the cylinder band, such that the open slots of the pad are facing the same way as the hook and loop fastener (Velcro®) on the cylinder band. Slide the Traction Sleeve all the way up the cylinder band so that it is against the cam buckle's metal D-ring. Repeat this step for the second Traction Sleeve and cylinder band.



### Step 3. Install the two stabilizer bands onto the adapter block

With the hook/loop fastener side of the stabilizer band facing towards the center of the adapter block, insert the free end of the band through the back side of one of the upper slots in the adapter block. Repeat this step for the other stabilizer band.



### Step 4. Attach the two main cylinder bands to the backpack

With the hook/loop fastener of the cylinder band facing toward the BC, slide the free end of the cylinder band underneath the backpack, just to the right of the lower right slot. Insert your fingers underneath the left side of the backpack to act as a stop, which will help guide the end of the strap through the right slot. Grab the end of the cylinder band and pull it all the way through the slot until the Traction Sleeve touches the backpack. Repeat this step to install the other cylinder band through the left slot.

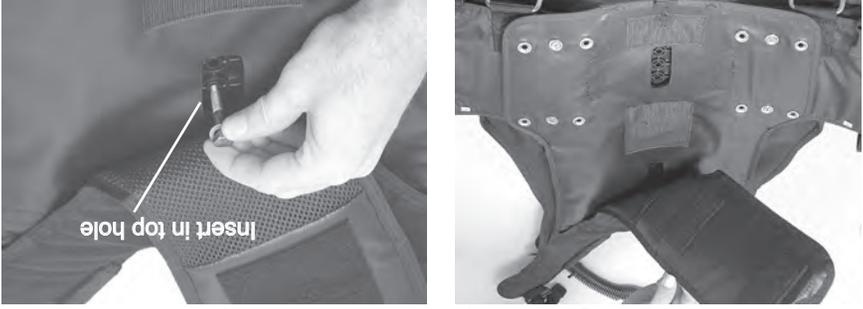
### Step 5. Install the adapter block

Position the adapter block over the backpack with the ribs facing outward and the bolt hole pointing towards the top of the BC. Weave the two cylinder bands through the respective slots in the adapter block. Slide the adapter block down the cylinder bands until it is against the backpack.

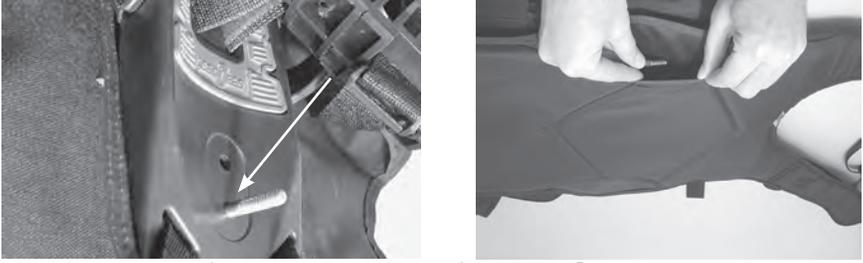


### Step 6. Install the bolt

**For Black Diamond:** Disconnect the shoulder buckles, chest buckle, waist buckle and cummerbund and open up the BC jacket. Lift up on the bottom of the backpack pad to expose the two bolt holes. Add one of the flat washers to the bolt. Insert the bolt through the top hole in the backpack.



**For Pro Series:** Disconnect the shoulder buckles, chest buckle, waist buckle and cummerbund and open up the BC jacket. Add one of the flat washers to the bolt. Reach through the side of the BC, between the back pad and stiffener and insert the bolt through the top hole in the backpack.



**For either Black Diamond or Pro Series:** Make sure the bolt is through the upper most hole in the backpack.