


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

Pull the free ends of the stabilizer straps and the cylinder bands between the twin cylinders. Position the BC against the twin cylinders and secure the stabilizer straps. Rethread and secure the cylinder bands to the cylinders. This procedure can be found in your BC owner's manual.

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

Universal Cylinder Bands



GripLock™ Cylinder Bands



If you have any questions regarding the information found in this manual, please contact your regional Aqua Lung Dealer or Distributor. Distributor contact information is available on the Aqua Lung website at: www.aqualung.com



TWIN CYLINDER KIT

427042 - Twin Cylinder Kit (Universal)

427107 - Twin Cylinder Kit (GripLock™)

READ ALL INSTRUCTIONS PRIOR TO ASSEMBLY

This Twin Cylinder Kit is designed to be used with specific model Aqua Lung BC's. Consult your BC Owner's Manual or authorized Aqua Lung dealer or distributor to verify your model BC can accommodate twin cylinders and this twin cylinder kit.

Included in Kit PN 427042:


- One Universal Cylinder Band
- Two Stabilizer Straps
- Two Traction Sleeves
- One Adapter Block
- One 1¾" Bolt
- Two Flat Washers
- One Lock Washer
- One ½" Nut

Included in Kit PN 427107:


- One GripLock™ Cylinder Band
- Two Stabilizer Straps
- One Adapter Block
- One 1¾" Bolt
- Two Flat Washers
- One Lock Washer
- One ½" Nut

Recommended Tools:

- Inch-pound Torque Wrench
- ½" Socket
- ½" Box Wrench

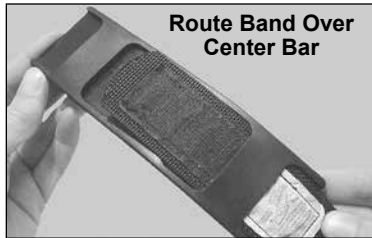
 **WARNING:** Using twin cylinders will require that you recheck your buoyancy to make sure you are not overweighted. Consult your authorized Aqua Lung dealer or distributor for required buoyancy and ballast adjustments for your twin cylinder/BCD system.

Step 1. Remove the Cylinder Band from the BC

 **NOTE:** Unthread the bail end of the GripLock™ cylinder band when removing it from the BC. This will ensure the Twin Cylinder Kit is installed properly in the remaining steps.

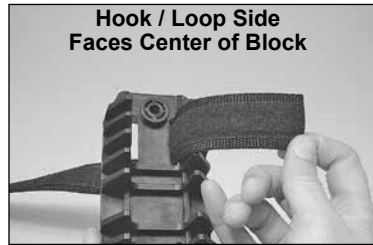
Step 2. Install the Traction Sleeves (Skip Step 2 for GripLock™ Bands)

Slide the traction sleeve onto the cylinder band, such that the open slots are facing the same way as the hook and loop material on the cylinder band. Route the cylinder band over the center bar of the traction sleeve. 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 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 Cylinder Bands to the Backpack

With the hook/loop side 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 it stops. 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.

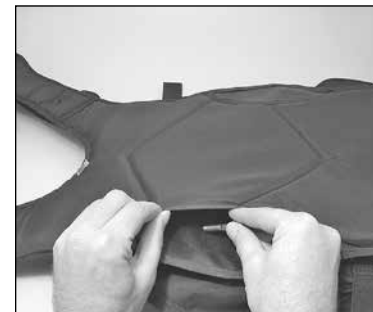


Step 6. Install the Bolt

For BC with Backpad: Disconnect the shoulder buckles, chest buckle, waist buckle and cummerbund to open up the BC. Lift up on the bottom of the backpack pad to expose the two bolt holes closest to the top of the BC. 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 to open up the BC. Add one of the flat washers to the bolt. Reach through the side of the BC, between the back pad and stiffener to locate two bolt holes closest to the top of the BC. Insert the bolt through the top hole in the backpack.



NOTE: Make sure the bolt is through the upper most hole in the backpack.