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BC2725 and BC2725XL Side Mount Accessory Kit for the TransPac Harness

Product description

The Side Mount Accessory Kit is used to convert the TransPac Harness into a side mount diving system. By installing the parts from this kit, you can quickly convert your TransPac to accommodate cylinders mounted on your side.

Side Mount Accessory Kit parts list

Part name	Part number	Quantity
Cylinder bungee strap	BC2722	1
Trek wing limiting strap	BC2770-TREK	1
Butt plate with crotch strap	BC2721	1
Assembly screws	1069	3
Fender washers	RP9586	2

Installation

Each piece of the side mount kit must be installed and set up correctly. Follow the instructions below to correctly install each piece of the kit.

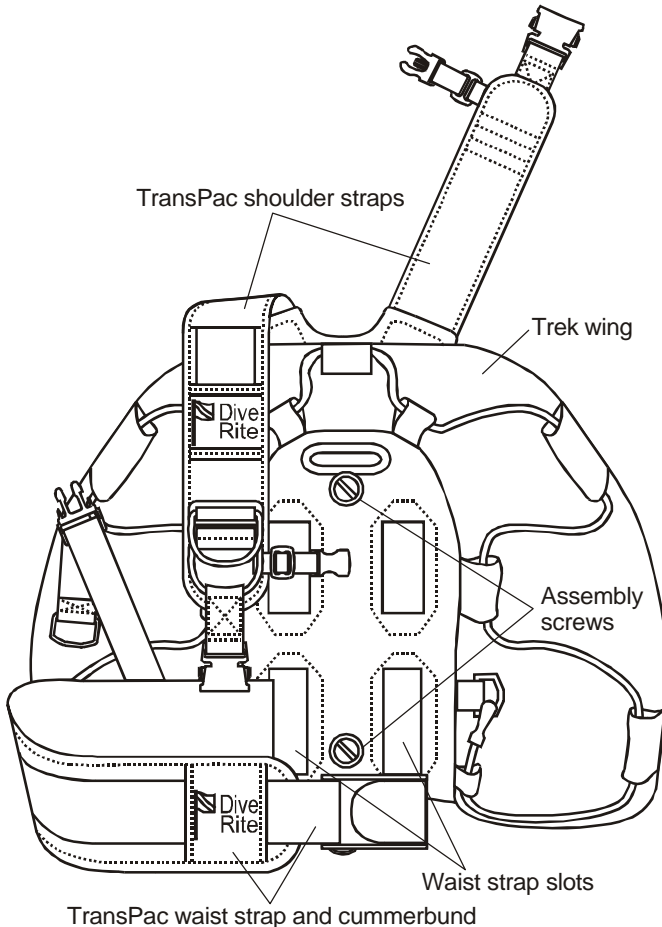
Step 1: Attach the Trek wing to the TransPac harness

Note: Refer to the "TransPac and wing assembly" diagram below for details.

1. Open up the TransPac by unclipping the shoulder straps and waist strap.
2. Remove the TransPac back pad. The pad cannot be used with the side mount system.
3. Make sure the cummerbund is *not* routed through the webbing retaining straps at the base of the TransPac backpack. If it is, slip it out of the retaining straps so that it lies on top of the TransPac backpack. Route the waist strap webbing through the retaining straps on the ends of the cummerbund.
4. Place the TransPac face up on a flat surface. Extend the shoulder straps and waist strap so that the TransPac is lying flat and opened completely.
5. Place the Trek wing on top of the TransPac. The wing gusset control cord should be facing up.
6. Line up the top grommet hole on the Trek wing with the *bottom* grommet hole at the top of the TransPac. Line up the bottom grommet hole on the Trek wing with the cummerbund's *bottom* grommet hole.
7. Attach the wing to the TransPac and cummerbund using two of the provided assembly screws. Slip the female end of the screw through the bottom of the

grommet holes and thread the male end of the screw through the top of the grommet holes.

8. Tighten the screws until they are snug. The wing and cummerbund should now be securely fastened to the TransPac.
9. Route each side of the waist strap, cummerbund, and base plates through the open slots at the base of the wing. The waist strap, cummerbund, and base plates should drape over each side of the wing.
10. Place the corrugated inflator hose in the Velcro epaulet on the left shoulder strap.
11. Flip the shoulder straps over the top of the wing and clip into place.



TransPac and wing assembly diagram

Step 2: Attach the cylinder bungee strap

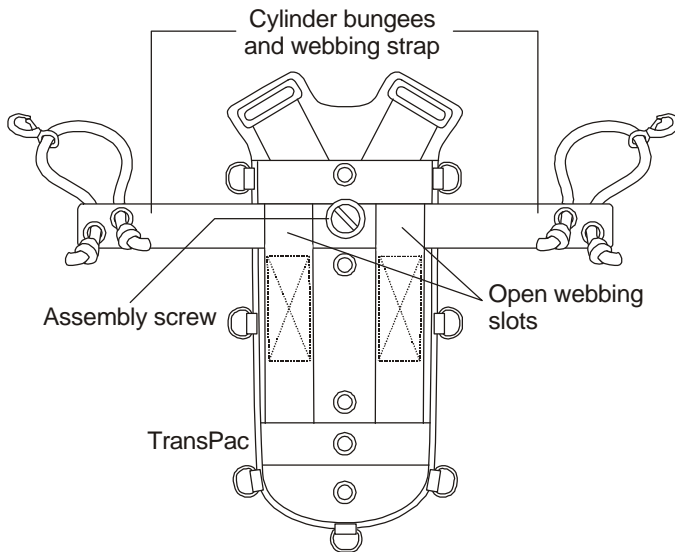
The cylinder bungee straps are used to hold the side mounted cylinders in place under your arm pits. The bungees should be slipped over the cylinder valves so that the cylinders do not hang below your chest.

Note: Refer to the Bungee strap assembly diagram below for details.

1. Place the TransPac face down.
2. Locate the open webbing slots at the top of the TransPac.
3. Remove the bungee cord from one side of the webbing strap.
4. Slide the webbing strap through the webbing slots. Make sure the grommet hole faces up.
5. Align the grommet hole on the webbing strap with the grommet hole on the TransPac.
6. Using one of the assembly screws provided, secure the webbing strap to the TransPac. Slip the female end of the screw through the bottom of the grommet hole and thread the male end of the screw through the top of the grommet hole.
7. Tighten the screw until it is snug. The cylinder bungee strap and webbing should now be securely fastened to the TransPac.
8. Reattach the bungee cord to the webbing strap. Make sure a brass clip (not provided) (HW1005 fixed eye #1 clip is recommended) is on both bungee straps.

Note: The bungee straps will have to be sized based on the cylinders you are using and your body size. Do not cut the bungee cords until you are sure they are sized to your requirements.

9. Clip each side of the strap to the D-rings on the TransPac shoulder straps. This keeps the bungee straps in place and easily accessible.



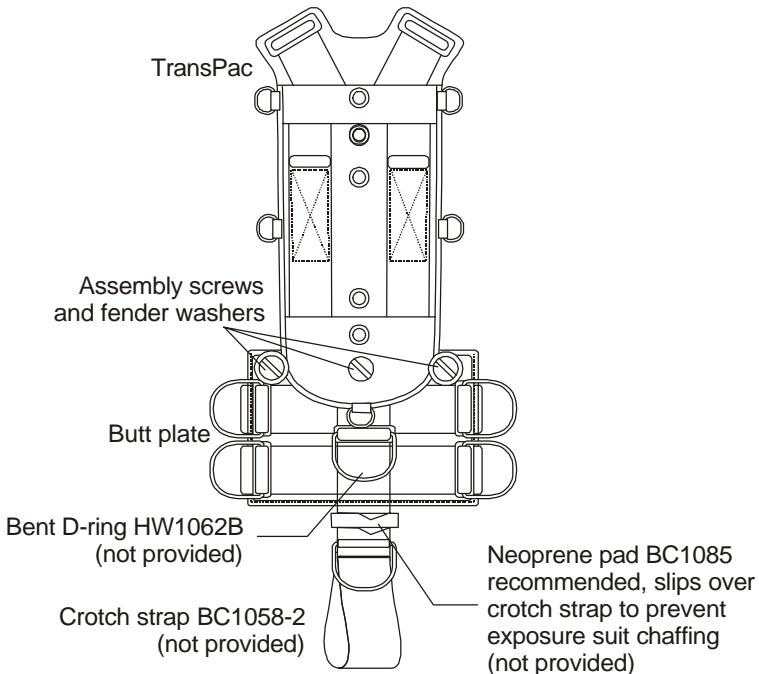
Cylinder bungee strap assembly diagram

Step 3: Attach the butt plate

The butt plate is used to attach the bottom of the side mounted cylinders. Your cylinders clip directly to one of the D-rings on each side of the butt plate. The butt plate also has an attachment point for a 2-inch crotch strap (not provided).

Note: Refer to the Butt plate assembly diagram below for details.

1. Place the TransPac face down.
2. Slip the top of the butt plate under the bottom of the TransPac but on top of the cummerbund and wing.
3. Place the butt plate grommet holes under the two small D-rings on the side of the TransPac and the grommet hole in the center of the TransPac.
4. Using two of the assembly screws provided and the two fender washers provided, secure the butt plate to the TransPac. Slip the female end of the screw through the outside grommet holes on the butt plate and then through the D-rings on the TransPac. Place a fender washer over the female end of the screw, and then thread the male end of the screw through the top of the fender washer and D-ring.
5. Use the third assembly screw to attach the center of the butt plate to the TransPac. Slip the female end of the screw through the center grommet hole on the TransPac and butt plate and then thread the male end of the screw through the top of the grommet hole.
6. Tighten the screws until they are snug. The butt plate should now be securely fastened to the TransPac.



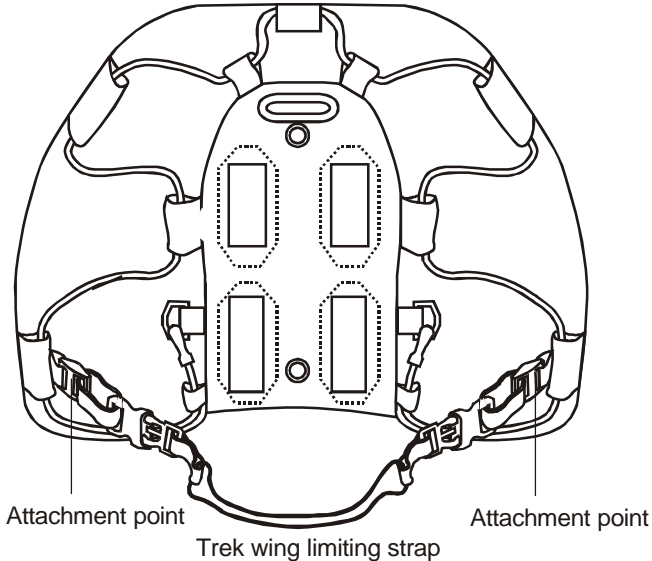
Butt plate assembly diagram

Step 4: Attach the Trek Wing limiting strap

The Trek wing limiting strap is used to keep the bottom part of the wing streamline and flat on your back. If you do not use the limiting strap, you will get “angel” wings, where the wings stick straight up off your back. This reduces your ability to navigate tight restrictions and makes the wing vulnerable to damage. You will have to adjust the size of this strap based on your exposure suit and body size. The strap can be cut and retied based on your requirements.

Note: Refer to the Trek wing assembly diagram below for details.

1. Locate the limiting strap attachment points on each side of the wing.
2. Weave each side of the limiting strap webbing piece with the female portion of the clip to the attachment points on the wing.
3. Clip each side of the limiting strap into the clips that are now attached to the wing.
4. Wearing your exposure suit, adjust the length of the bungee strap so that it is tight enough to keep the wing lying flat on your back. Once the bungee strap is sized, you can trim off any excess bungee.



Trek wing assembly diagram

Step 5: Adjust the wing gusset control cord

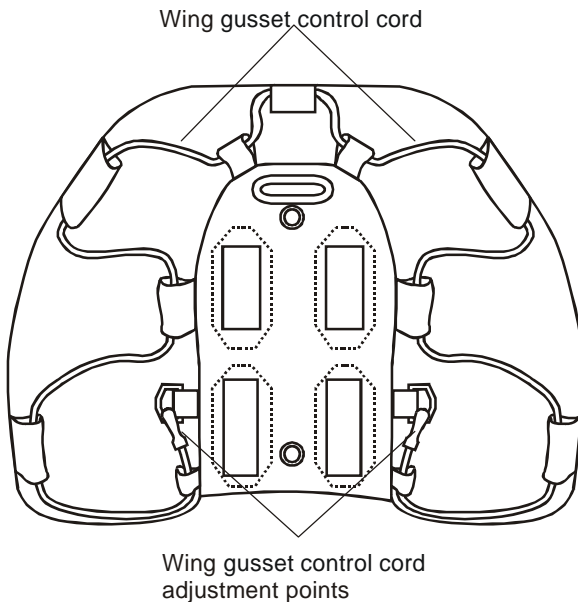
The wing gusset control cord keeps the wing material streamline and secure but stretches when air is added to the wing. For side mounting, this is very important so that the wing does not extrude or bulge out, making it vulnerable when squeezing through tight restrictions.

Note: By tightening the gusset control cord, you lose some buoyancy capability. Do not over tighten the gusset control cord. When diving a dry suit, you can usually keep the gusset control cord tight. When diving a wetsuit or with heavy tanks, you may need to keep the gusset control cord looser so that you can get the most buoyancy from the wing.

To adjust the wing gusset control cord:

1. Unclip the gusset control cord from one of the adjustment points.
2. Slide the excess gusset control cord through the retainers so that the wing conforms evenly.
3. Slide the button clip down the gusset control cord until it meets the first retainer.
4. Clip the gusset control cord end onto the D-ring.

Note: If there is a lot of excess gusset control cord, either tuck it away or cut it off and reattach the clip. Make sure that you do not cut off too much because you might have to loosen the gusset control cord at a later date.

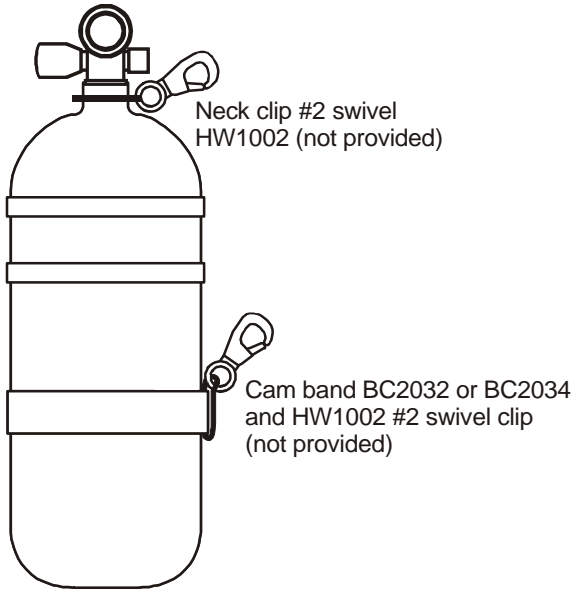


Wing gusset control cord adjustment diagram

Step 6: Attach clips to each cylinder

Two clips must be attached to each side mount cylinder. One clip must be attached to the cam band. The cam band should be positioned just below mid-point on the cylinder. The clip is used to attach the cylinder to a butt plate D-ring and provides the primary attachment point for the cylinder.

A second clip must be placed around the neck of the cylinder. This clip provides a safety attachment point for the cylinder. It clips directly to a shoulder harness D-ring and provides the second attachment point for the cylinder.



Cylinder clip attachment points

