

Product Bulletin

30214A01

SpiroGuide – Fixed Regulator version

LIDINGÖ December 15, 2008

ANNOUNCEMENT

Interspiro now offers a new improved version of the SpiroGuide

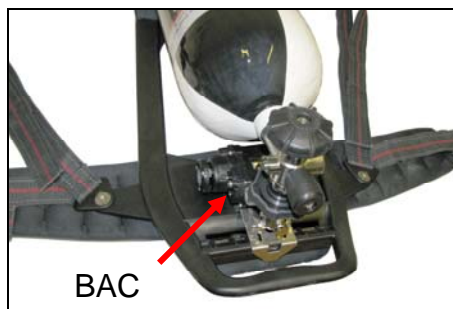
APPLIES TO

SpiroGuide products

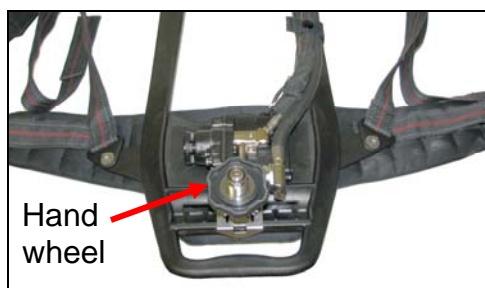
OVERVIEW

The new improved version has the SpiroGuide Breathing Apparatus Computer (BAC) placed between the back plate and the cylinder. This is the optimal position for protection and low profile. The regulator is mounted onto the back plate and hence this version is referred to as the “Fixed Regulator version”.

This new version replaces the previous version, “Floating Regulator version”.



The new design also includes a new ergonomic hand wheel.



CYLINDER MOUNTING – SINGLE CYLINDER

1. Check that the cylinder strap is positioned according to the marking, with one red line in line with the left edge (as worn) of the backplate and that the hoses are aligned according picture.



2. Slide the cylinder through the cylinder strap.

3. Check the connection O-ring and screw the cylinder valve hand-tight to the cylinder connection of the manifold block.



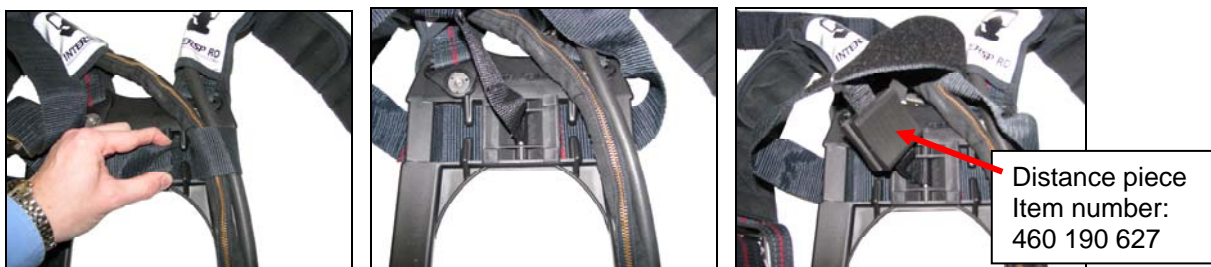
4. Tighten the cylinder strap by pulling the free end – do not over-tighten. If the strap is over-tightened the buckle and backplate will be damaged. Then close the lever on the buckle and secure the cylinder strap with the Velcro.



CYLINDER MOUNTING – TWIN CYLINDER

ATTENTION! When operating with two separate independently-valved cylinders, both cylinders must be charged with similar working pressures. Always open both cylinder valves when pressurising the breathing apparatus and ensure that both cylinder valves are kept open during the use of the apparatus.

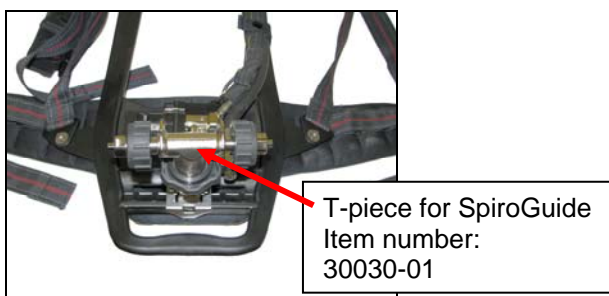
1. If previously used for a single cylinder, start by disengaging the cylinder strap from the four lugs on the backplate. Install the cylinder distance piece which is needed for most cylinder types.



2. Check that the cylinder strap is positioned according to the marking, with two red lines in line with the left edge (as worn) of the backplate.



3. Check the connection O-ring and screw the T-piece to the cylinder connection of the manifold block - Do not tighten.



3. Slide the cylinders through the cylinder strap with the strap holder between the cylinders. Check that the hoses are positioned between the cylinders and not squeezed between the cylinders and backplate.



4. Check the connection O-rings and screw the cylinder valves hand tight to the cylinder connections of the T-piece.

5. Tighten the T-piece to the manifold block by hand.

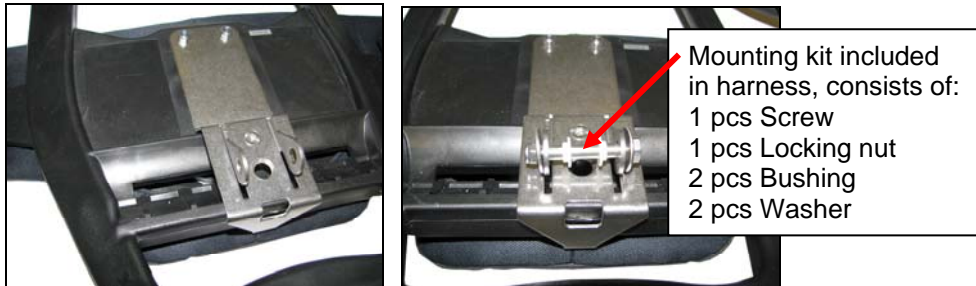


6. Tighten the cylinder strap by pulling the free end – do not over-tighten. If the strap is over-tightened the buckle and backplate will be damaged. Then close the lever on the buckle and secure the cylinder strap with the Velcro.



HARNESS

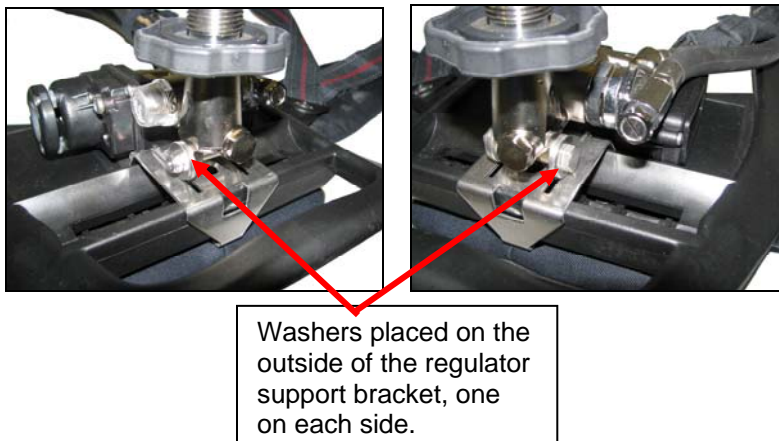
To accommodate the BAC in the optimal position the mounting onto the backplate has been customized for the SpiroGuide.



SpiroGuide harnesses are available under the following item numbers:
95100-45W Kevlar webbing, textile cylinder strap, wide shoulder pads
95100-45WA Kevlar webbing, textile cylinder strap, wide shoulder pads, adjustable

MOUNTING ONTO THE BACKPLATE

The mounting of the SpiroGuide regulator unit is very similar to that used for the mechanical QS regulator unit. The differences is that a longer screw is used together with two washer placed on the outside of the metal bracket.



For additional information, please contact your local Interspiro representative.