



# SOLO HARNESS USER GUIDE



## NOTICES

### LIMITED WARRANTY

For details, refer to the Product Warranty section on the Hollis web site: [www.HollisGear.com](http://www.HollisGear.com)

### COPYRIGHT NOTICE

This operating manual is copyrighted, all rights are reserved. It may not, in whole or in part, be copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine readable form without prior consent in writing from Hollis.

Solo Harness User Guide, Doc. No. 12-4175  
© Hollis, 2014  
San Leandro, CA USA 94577  
(510)729-5110  
[www.hollisgear.com](http://www.hollisgear.com)  
e-mail: [info@hollisgear.com](mailto:info@hollisgear.com)

### TRADEMARK, TRADE NAME, AND SERVICE MARK NOTICE

HOLLIS, the HOLLIS logo type, and Solo are registered and unregistered trade-marks, trade names, and service marks of HOLLIS. All rights are reserved.

---

### SOLO HARNESS PARTS



*Note: Backplate not included*

## ASSEMBLY

### SHOULDER STRAPS

Insert main harness webbing through top slot of plate that would be on your right shoulder. Make sure the grommet is in front of the plate with about 6 in (15.2 cm) of webbing between the grommet and the front of the plate (**Fig. 1**). Now insert the grommet side of the webbing back through the angled slot, next to the top slot, and pull the webbing through. The grommet will now be on the back side of the plate (**Fig. 2**). Pull the webbing across the back of the plate, and insert the webbing through the angled slot on the opposite side of the plate. Adjust the webbing so the grommet is centered with the bolt hole in the plate (**Fig. 3**). Now, from the front, pull the webbing back through the top slot so the webbing mirrors itself on both shoulders (**Fig. 4**). Place the plate so that the front is facing forward and bring the webbing to the front (**Fig. 5**).



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

SHOULDER PADS

Make sure when installing the shoulder pads that they curve away from the center of the backplate; they will then wrap naturally around your body. Each pad has 3 elastic slots that the webbing must weave through (**Fig. 6**). Between the elastic slots are 2 spaces for included D-rings. Slide the pad on to the harness webbing to where you feel it will sit best on your shoulder and insert D-rings with belt slides between each elastic slot to hold the shoulder pad in place (**Fig. 7**). Choose one of the left shoulder D-rings and sliders to attach the black bungee loop. The loop will be used to retain the corrugated BCD hose when diving. Pads can be adjusted later when the harness is complete. Repeat the same process on the opposite shoulder (**Fig. 8**).



Fig. 6



Fig. 7



Fig. 8

WAIST STRAPS

Making sure the shoulder straps contour in and around the body, pull the webbing through the lower inside slots on both sides. Insert webbing through a metal keeper on the backside of the backplate and then back through the lower outside slot. The webbing should now be on the front side of the plate, as shown (**Fig. 9**). Adjust the webbing so there is enough slack in the shoulder area to don and doff the harness. Additional adjustments can be made when the harness is complete. If desired, included D-rings can be inserted on either side of the harness waist strap (**Fig. 10 & 11**). D-rings can be adjusted to any position on the waist webbing as desired.



Fig. 9



Fig. 10



Fig. 11

**CROTCH STRAP**

Take the side of the crotch strap that is not looped; secure a D-Ring with a belt slide. Leave about 8 in (20.3 cm) of webbing between the slide and the end of the webbing. Then weave webbing through the backplate from the back side (**Fig. 12**). Use the larger slot at the center of the backplate's bottom and weave the webbing back through the belt slide (**Fig. 13**). This is where adjustment to the crotch strap will be made. The looped end will thread onto the waist strap. When adjusted properly the D-ring should be spaced approximately one hand width from the backplate, facing the backside, and secured with a belt slide (**Fig. 14**).

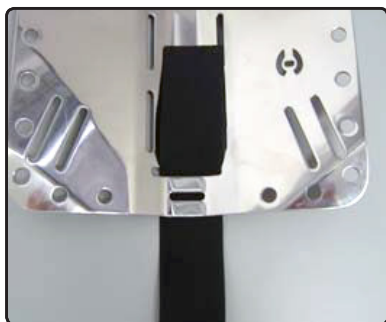


Fig. 12



Fig. 13



Fig. 14

**WAIST BUCKLE**

Insert the waist buckle on the left side of the waist webbing. See pictures for recommended buckle weave. Weave (**Fig. 15**). When at the desired length pull the remaining webbing through the first slot and tighten (**Fig. 16**).

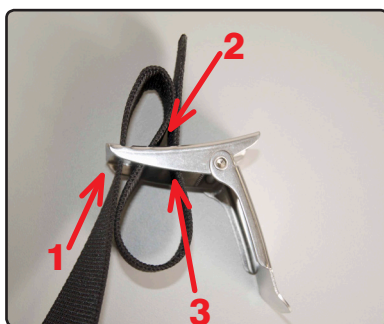


Fig. 15

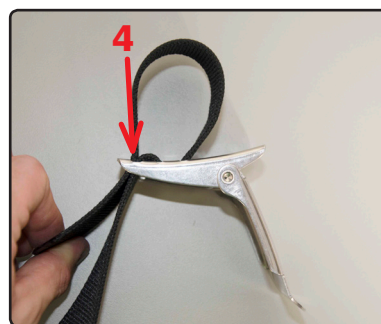


Fig. 16

**! NOTE:** Excess waist strap material may be trimmed. To prevent fraying, use a lighter to burn the edge of trimmed webbing.

**POST DIVE CARE**

Rinse with fresh water and allow to air dry.