



AIRLITE® CONVERTIBLE CHEST RIG

OPERATOR'S MANUAL



**This manual must be carefully read by all persons who have or will have the responsibility for using or maintaining this product.**

Any warranties made by Crye Precision LLC with respect to this product are voided if the product is not used and maintained in accordance with the instructions in this manual. For any questions relative to the use or repair of this product, please write Crye Precision LLC or call **1-718-246-3838** during regular business hours.

** WARNING**

**The following are general safety warnings intended to call attention to fundamental performance limitations and areas of the product where proper usage must be followed. Failure to use and maintain the product according to the instructions and warnings contained herein may result in the product failing to perform as designed, and/or the persons relying on this product sustaining serious personal injury and/or death.**

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• This product is not flame resistant unless specified elsewhere in this manual.</li><li>• All replacement parts must be acquired from Crye Precision LLC or a licensed distributor.</li><li>• The most current version of this manual may be found at <a href="http://www.cryeprecision.com">www.cryeprecision.com</a>.</li><li>• DO NOT use this product except in its intended manner.</li></ul> | <ul style="list-style-type: none"><li>• DO NOT machine wash or dry clean the product. Exposure to detergents, bleach, or solvents may result in degradation and reduce the effectiveness of the product.</li><li>• Inspect the product for discoloration, cuts, tears, abrasions or cracks before and after each use.</li><li>• DO NOT alter the product in any way.</li><li>• DO NOT expose the product to open flame or excessive heat.</li></ul> |
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## INTRODUCTION

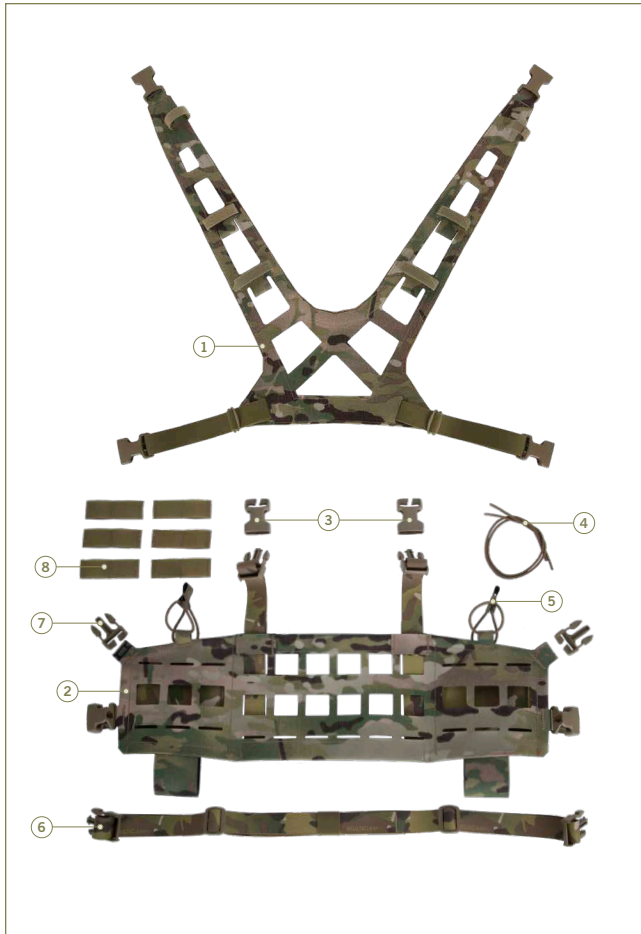
The **AIRLITE® CONVERTIBLE CHEST RIG** is a lightweight multi-functional load carriage platform designed for maximum flexibility, weight-savings and packability. At just under one pound, the **AIRLITE® CONVERTIBLE CHEST RIG** offers a variety of configuration options to suit varying operational needs.

The front panel can attach to the included shoulder harness or to the front of a vest using the included quick attach system.

Our patented **AIRLITE®** construction sheds unnecessary weight and bulk while improving overall ventilation.

## FEATURES

- Total system weight less than one pound
- Strong and breathable **AIRLITE®** laminate
- Easily attached to harness or front of carrier via 1" quick release buckles
- Highly adjustable. Front, back and side adjustment straps
- Integrated elastic pockets on back of chest rig allows for carrying magazine or radio
- Removable hook attachment tabs for secure fit on front of vests
- Strong, lightweight, breathable harness with multiple attachment points at shoulders



- ① ARLITE® HARNESS
- ② ARLITE® CHEST RIG PANEL
- ③ HARNESS QUICK ATTACH BUCKLES QTY: 2
- ④ SHOCK CORD FOR POUCH HEIGHT ADJUSTMENT QTY: 2
- ⑤ SHOCK CORD RETENTION WITH TAB
- ⑥ BACK STRAP
- ⑦ QUICK ATTACH BUCKLES QTY: 2
- ⑧ REMOVABLE HOOK TABS QTY: 6





## COMPONENT DESCRIPTIONS

## COMPONENT DESCRIPTIONS

Products are shown disassembled to depict the separate components. Images are not shown to scale.

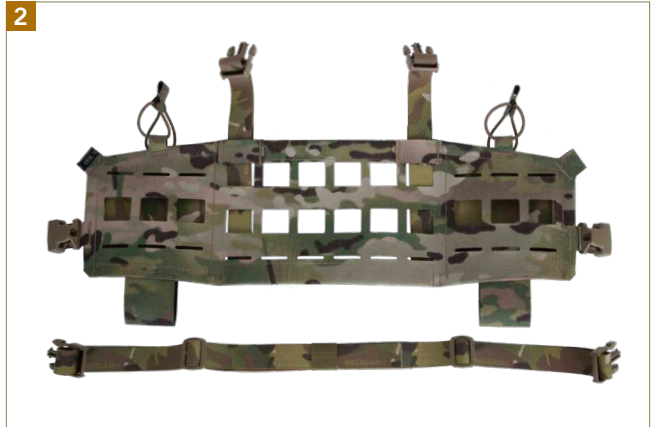
### AIRLITE® HARNESS

Minimal, lightweight harness attaches to the AIRLITE® CHEST RIG PANEL to form a standalone system.



## AIRLITE® CHEST RIG PANEL

Ultralight, adaptable load carriage panel  
mounts to AIRLITE® HARNESS or to vest  
platforms.





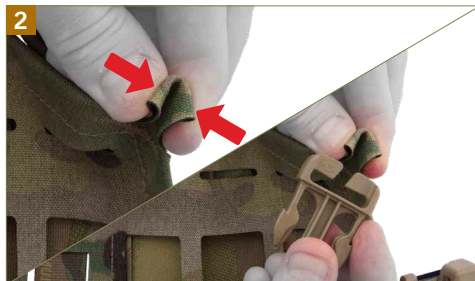
## OPERATOR INSTRUCTIONS

## ATTACHING CHEST RIG PANEL TO HARNESS

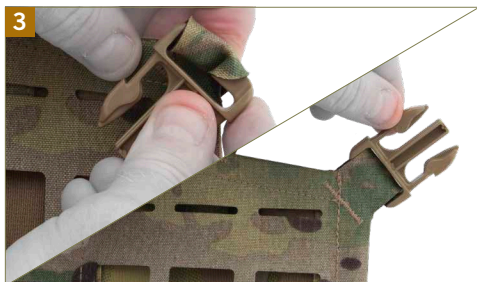
To use the chest rig panel with the harness, complete the following:



1 Install quick attach male buckles to right/left side of chest rig.



2 Squeeze width of tab together so edges are touching and place edges of tab into quick attach buckle opening slot.



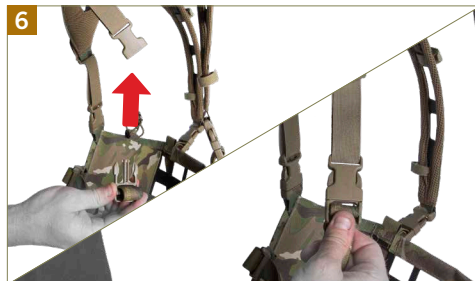
3 Push back of tab so edges expand.



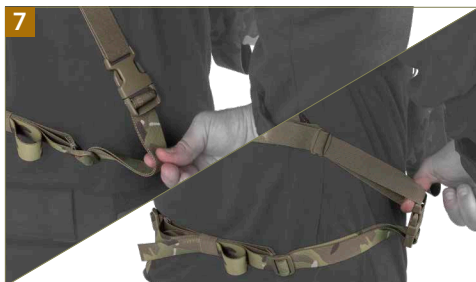
4 Loosen front adjustment buckles and connect to front of harness.  
Loosen back adjustment straps on harness and connect one side.



5 On the same side of the chest rig panel you connected in **STEP 4**, attach one side of the back strap to the lower buckle.



6 Connect the other two side straps to each other (this will make it easy to grab when putting on and connecting).

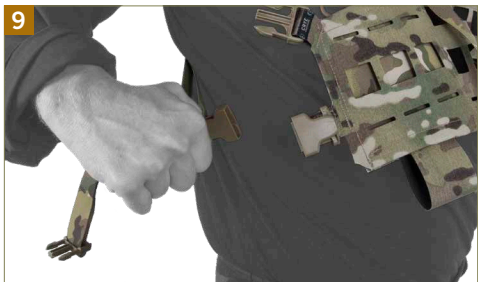


7 Place over shoulders and reach back to locate the straps you connected together in **STEP 6**.



8 Pull straps forward.

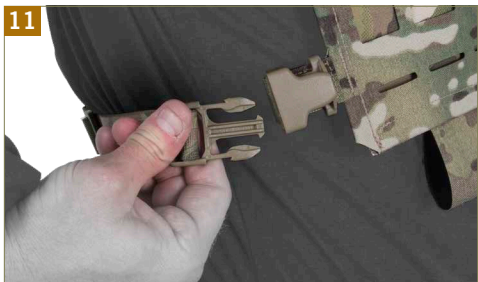
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Undo back strap buckle.



Connect the harness strap to upper buckle of chest rig.



Connect back strap to bottom of chest rig.



Completed set up.





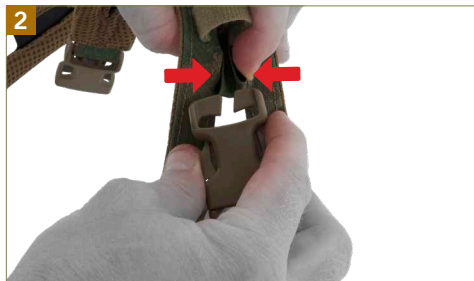
Adjust for snug fit. Remainder of harness strap can be folded and stored in slot.

## ATTACHING REMOVABLE BUCKLES TO HARNESS

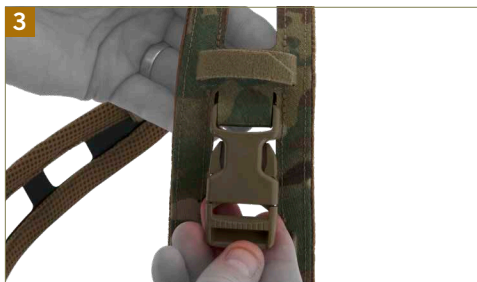
To attach removable pack or hydration to the harness, complete the following:



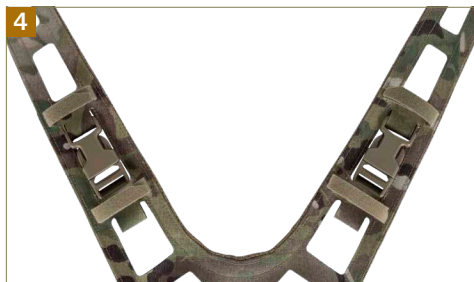
Choose the shoulder tab position where you want your strap connected to.



Squeeze width of tab together so edges are touching.



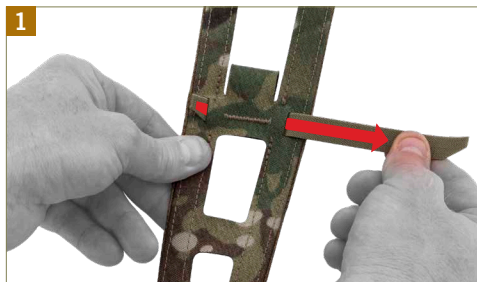
Place edges of tab into quick attach buckle opening slot.



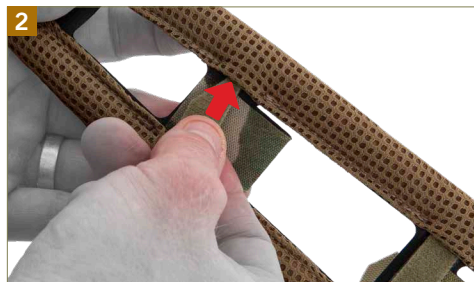
Push back of tab so edges expand. Repeat for opposite side.

## REMOVING/ATTACHING RETAINER STRAPS ON HARNESS

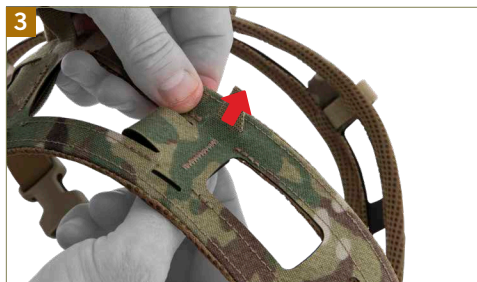
To remove or attach the retainer straps, complete the following:



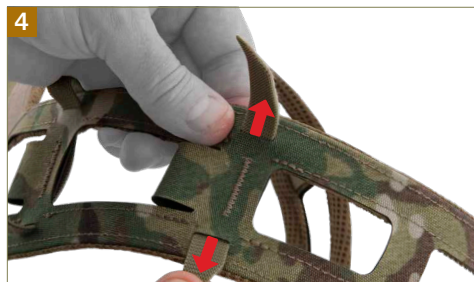
**TO REMOVE:** Undo strap on one side and pull out of slots.



**TO INSTALL:** Push tip of strap through one side of bottom slot on harness.



Push through opening slot on top of harness.



Repeat for other side.

## ATTACHING CHEST RIG PANEL TO A VEST

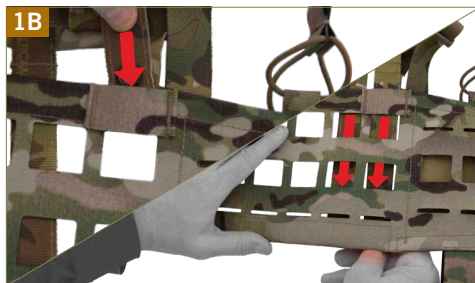
Six removable hook tabs are provided to help secure your chest rig on the front of your vest.



To attached, complete the following steps.



Attach pouch to the top portion of the chest rig in normal fashion.



Weave the straps over the top edge of the chest rig and through the first slots in the back of the pouch.



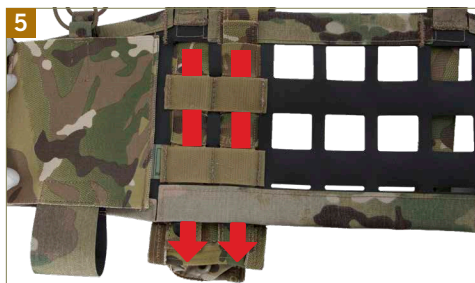
2 Slide the hook tab through the open slot on to the straps. Hook side towards body.



3 Continue weaving strap through back of pouch.



4 Slide next hook tab in same manner as above.



5 Push strap through bottom slots and secure pouch.

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To attach chest rig panel to a vest please complete the following steps.



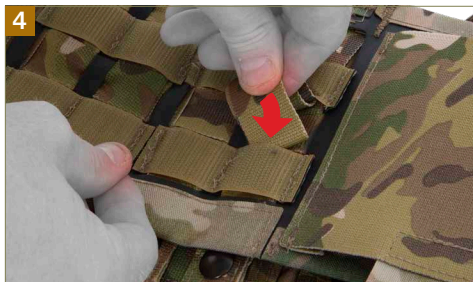
Attach female quick attach buckles to carrier by squeezing tabs together and inserting into slots on buckle.



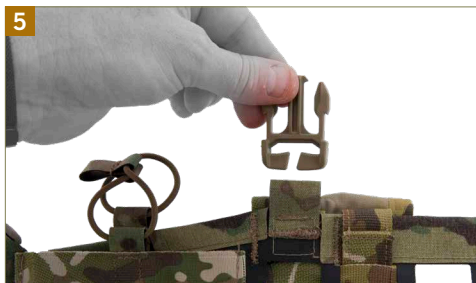
Route waist attachment strap to back of carrier.



Attach male buckle to female buckle and adjust straps for proper height.



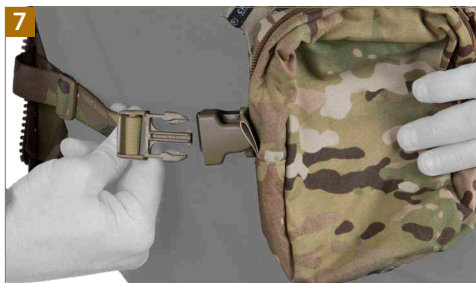
Remainder of straps can be stowed behind chest rig slots.



**NOTE:** For shorter/smaller chest rigs, a male quick attach buckle can be attached directly to the chest rig with the loop attachment points on the back.



Connect front of chest rig to front of vest using quick release buckles.



Connect waist strap.



Completed set up.



## ADJUSTING POUCH HEIGHT WITH SHOCK CORD

The side elastic pouches can be adjusted for height by using the spare shock cord provided. To adjust the height of the side pouch, perform the following:



Route one end of shock cord through back inside tab of chest rig.



Fold the flap ends back over to mate with the hook on the plate bag.



Close the slip pocket and flip the panel over to lay flat on the plate bag.





Completed installation. The panel can be secured using button tab on bottom edge of the plate bag.



Test fit with magazine inserted. Adjust knot as needed.



## CARE INSTRUCTIONS



## CARE INSTRUCTIONS

Care instructions must be read prior to each use.

Do not machine wash or dry clean. Remove dirt by using a cloth or soft brush. Hand wash carrier with warm water and cloth or soft brush.

Air dry indoors or in shade. Do not apply iron or any heat to the vest.











## ABOUT US

Crye Precision designs and manufactures truly innovative equipment for America's fighting forces. We are proud and honored to serve our customers' needs. We spend as much time as we can with users, continuously incorporating their experience and feedback into the gear. We give them our full support and are indebted to them for their service and their sacrifice. We make uncompromising gear for uncompromising individuals. We work hard to provide smart, high-performance, long-wearing gear for people who demand the best. We make all of our gear in America from American materials. Every item is designed to help you perform better.

## WARRANTY

If a defect in materials or workmanship is found in any of our products, we will repair or replace it, free of charge, for the lifetime of the product. This excludes normal wear and tear. Be aware that the customer is responsible for any and all return shipping charges. This applies to the original purchaser and is nontransferable.

## BODY ARMOR

It is against Federal Law for a person convicted of a violent felony to purchase or possess body armor. In addition, various states also have laws restricting the purchase or possession of body armor by persons convicted of certain felonies, other crimes of violence, or drug crimes. By purchasing body armor, you acknowledge and certify that (i) you have no felony convictions, (ii) you have not been convicted of any other crime that would restrict your ability to purchase or possess body armor under any Federal or State law, (iii) you do not intend to use the body armor for any criminal purpose and (iv) you are over 18 years old. Crye Precision reserves the right, in its sole discretion, to refuse to sell body armor to any person. Additionally, the sale of body armor to residents of Connecticut is restricted to in-person sales, unless the sale is made to certain law enforcement or military personnel. We require that all orders of body armor be accompanied by a government issued photo identification.

## CONTACT INFO

Crye Precision LLC  
Brooklyn Navy Yard  
63 Flushing Ave Unit 252  
Building 128B  
Brooklyn, NY 11205

Phone: 1.718.246.3838  
Fax: 1.718.246.3833  
sales@cryeprecision.com  
www.cryeprecision.com

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WHO PROTECT  
FREEDOM™**



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