



MODULAR SIDE ARMOR CARRIER™

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 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 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">• This product offers no ballistic protection on its own and must be worn in conjunction with ballistic inserts in order for it to protect the wearer from ballistic threats.• Holes or cuts in the product may be indicative of damage to ballistic inserts. Inspect and replace damaged ballistic inserts immediately.• Check the product for conditions that could prevent the operation of emergency-doff systems. Carefully adhere to assembly instructions in this manual.• This product is not flame resistant unless specified elsewhere in this manual. | <ul style="list-style-type: none">• DO NOT machine wash or dry clean the product. Exposure to detergents, bleach, or solvents may result in degradation and reduce the effectiveness. Inspect the product for discoloration, cuts, tears, abrasions or cracks before and after each use.• DO NOT alter the product in any way.• DO NOT expose the product to open flame or excessive heat.• All replacement parts must be acquired from Crye Precision LLC or a licensed distributor.• The most current version of this manual may be found at www.cryeprecision.com. |
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INTRODUCTION

The **MODULAR SIDE ARMOR CARRIER (MSAC)™** features a revolutionary attachment system. Using our strong, lightweight **AIRLITE®** material with unique tab and slot geometry, a superior connection is provided without the potential failure that conventional snaps might have. Interior stretch fabric provides for a form fit that allows for carrying soft and hard armor plates. The **MSAC™** attaches securely to the **JPC™**, **AVS™** and skeletal cummerbunds. 5 size options provide all the overlap and coverage needed in a side armor system. Sold as a pair. Made in the US from US materials.

FEATURES

- Lightweight, strong attachment system
- Light inner stretch fabric allows carrier to form to body
- New attachment tab geometry provides secure fit with lowest profile
- Interior loop provides means for securing 6x6 plate in larger carriers
- Ambidextrous design allows **MSAC™** to be attached to the left or right side
- Available in 5 sizes: 6x6, 6x9, 6x11.5, 6x14 and 6x16
- Compatible with JPC™/ SPC™
- Compatible with AVS™
- Compatible with our skeletal cummerbund system

MSAC™ AVAILABLE SIZES



6X6



6X9



6X11.5



6X14



6X16

INCLUDED COMPONENTS



2-ADHESIVE BACKED HOOK STRIPS FOR 6X6 PLATES

CONFIGURING THE MODULAR SIDE ARMOR CARRIER™

INSERTING HARD ARMOR (6X6 SIDE ARMOR CARRIER)

To insert armor, complete the following:

1



Open side VELCRO® flap.

2



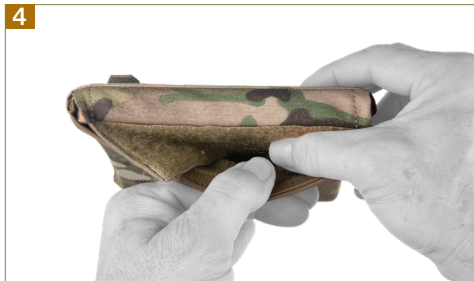
Insert curved portion of plate (side that will sit next to body) towards the stretch material.

3



To connect directly to the side of the JPC™ or SPC™ vest, insert plate with curved edge parallel to carrier straps. (see pg. 8)

4



Push VELCRO® flap back under plate and secure hook to loop.

INSERTING ARMOR PLATE OVER SOFT ARMOR IN 6X9 - 6X16 CARRIERES

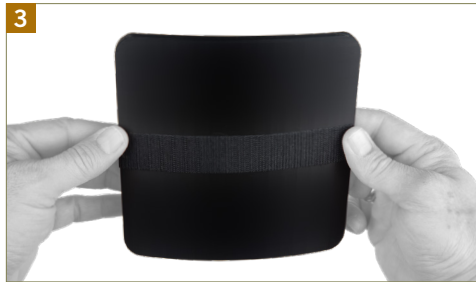
To insert armor, complete the following:



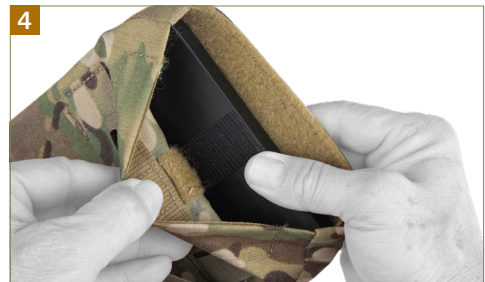
Open side VELCRO® flap.



If using a 6x6 side armor plate with soft armor, the provided hook strips can be adhered to the face of the plate to hold it in place.



Remove plastic film and adhere hook strip to face of plate.



Slide side armor plate inside carrier and position it to where you want it. Press the loop on inside of carrier to mate hook on face of plate.



Slide soft armor BEHIND the plate so it's towards the body.



Push VELCRO® flap back under soft armor and secure hook to loop.



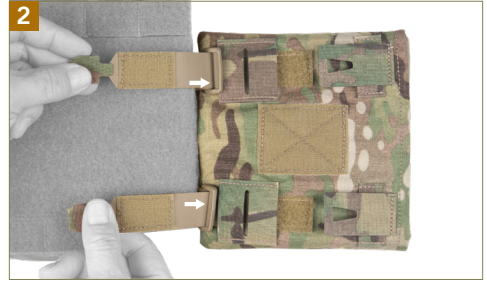
Soft armor towards body, plate facing out towards straps.

ATTACHING TO JPC™ / SPC™ SERIES VEST

The 6x6 side armor carrier can be connected directly to the side of the JPC™ or SPC™ vest. To attach:



1 Pull side straps out from carrier.



2 Route side strap through side loops on JPC™ or webbing on SPC™.



3 Push tab under first bar and pull out through slot.



4 Push end of tab through tab opening at bottom of slot.

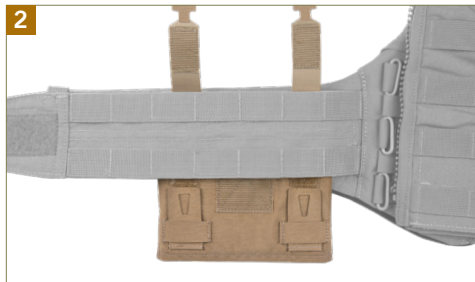
ATTACHING SIDE ARMOR CARRIER TO AVS™

The side armor carrier can be attached to the AVS™ in several different configurations:

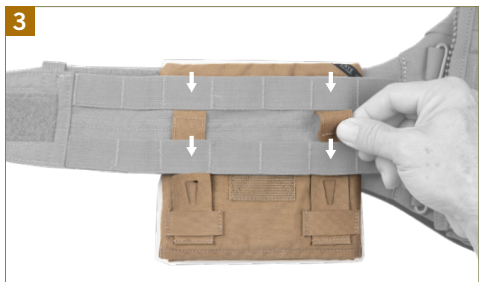
6X6 SIDE CARRIER ATTACHMENT TO THE OUTSIDE FLAP OF THE SUPPORT



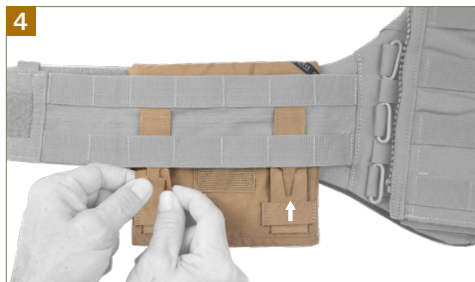
1 Pull VELCRO® flap away from AVS™ arm.



2 Place carrier between AVS™ support arm and flap arm.



3 Route strap of side carrier behind webbing on flap to connection of tab hole.



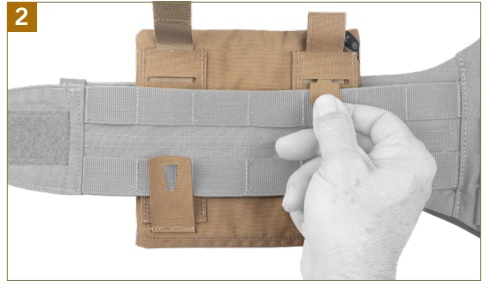
4 Push end of tab through tab opening at bottom of slot.

ADJUSTING 6X6 CARRIER VERTICALLY ON THE

The 6x6 side armor carrier can be adjusted up if needed:



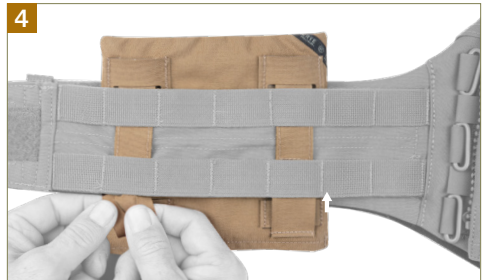
Place carrier over **AVS™** support arm and flap arm.



Route attachment tab **UNDER** first bar on carrier. Pull bottom attachment hole tab out from under bottom bar.



Route tab in same fashion as attaching to outer arm.



Tab will be connected in hole under second MOLLE row.

11 MODULAR SIDE ARMOR CARRIER™

ATTACHING SIDE ARMOR CARRIER TO THE AVS™

6x6 side carrier attachment to the support



Pull VELCRO® flap away from AVS™ arm.



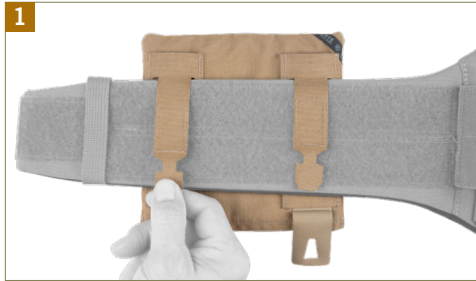
Place carrier in desired position, stretch fabric in towards body.



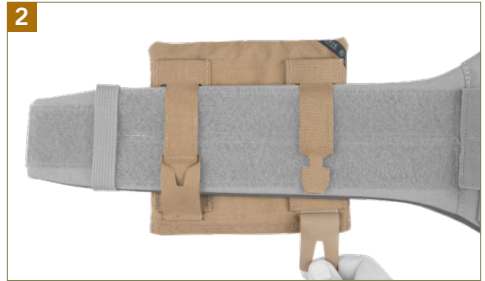
Route strap over arm and connect with bottom hole tab.

ADJUSTING 6X6 CARRIER VERTICALLY ON THE AVS™

The 6x6 side armor carrier can be adjusted up if needed:



Route attachment tab UNDER first bar on carrier.



Pull bottom attachment hole tab out from under bottom bar.

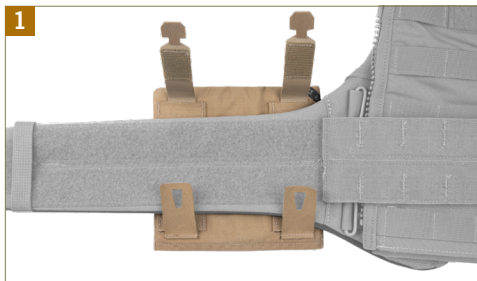


Route tab in same fashion as attaching to outer arm.

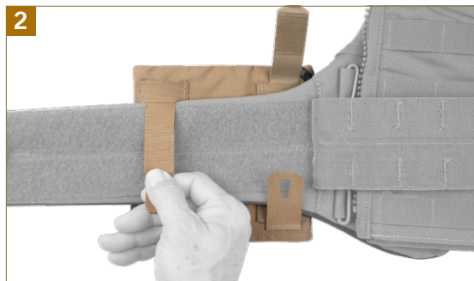


ADJUSTING 6X6 CARRIER HORIZONTALLY ON THE AVS™ ARM

The 6x6 side armor carrier can be adjusted towards the rear of the arm if needed:



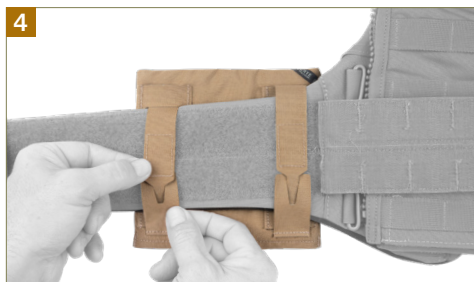
Pull VELCRO® flap away from AVS™ arm and place carrier behind flap arm.



Route rear strap over the first bar on carrier and the rear strap under the bar.



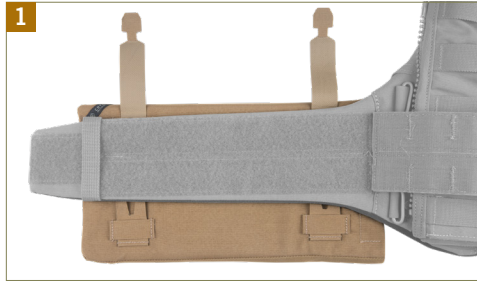
Route straps over the arm.



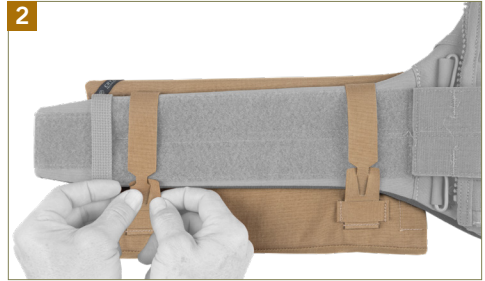
Push tabs into tab holes in bottom connection point.

ATTACHING LONG SIDE ARMOR CARRIER TO THE

The long side armor carrier can be attached to the AVS™ in several different configurations. 6x9, 6x11.5, 6x14, 6x16 side carrier attachment to the support arm:



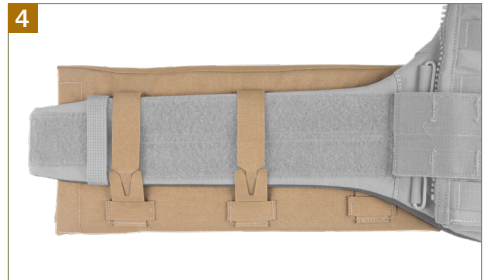
1 Pull VELCRO® flap away from AVS™ arm and place carrier behind flap arm.



2 Stretch fabric on carrier will be placed next to body. Push tab behind webbing on AVS™ side flap.



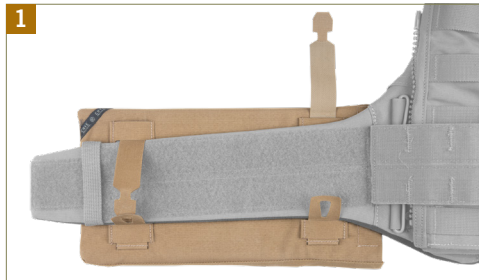
3 Connect straps in same manner as 6x6 side armor carrier. Secure tabs into retention holes.



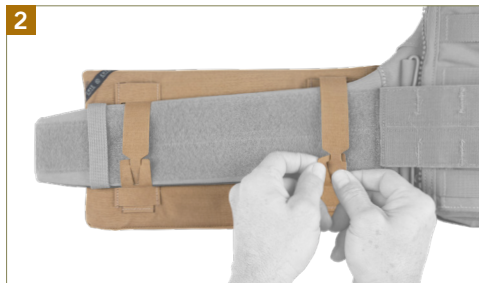
4 For 6x14 and 6x16 side armor carriers, only the front and middle straps are used to attach to the AVS™ arm unless using size L or XL.

ADJUSTING LONG SIDE ARMOR CARRIER VERTICALLY TO THE

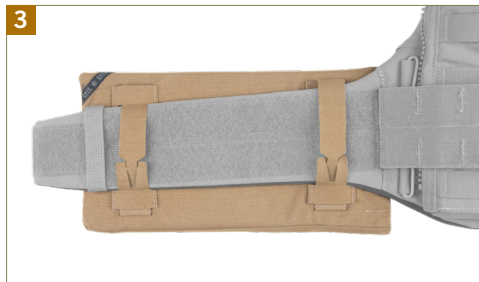
The long side armor carrier can be attached to the AVS™ in a couple of different configurations. 6x9, 6x11.5, 6x14, 6x16 side carrier attachment to the support arm:



Route rear strap over the first bar on carrier and the rear strap under the bar.



Route straps over the arm.



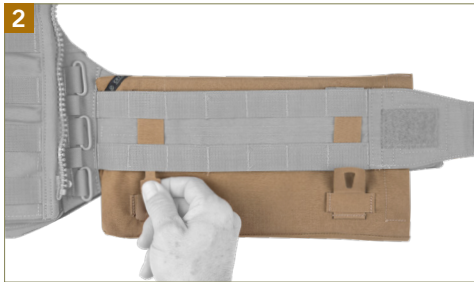
Push tabs into tab holes in bottom connection point.

ATTACHING LONG SIDE ARMOR CARRIER TO THE AVS™ OUTER FLAP

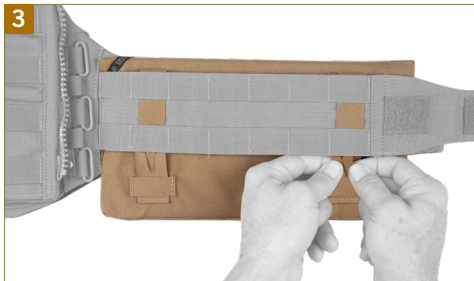
Long side armor carrier attachment to the outside flap of the support arm:



Pull VELCRO® flap away from AVS™ arm. Place armor carrier behind flap.



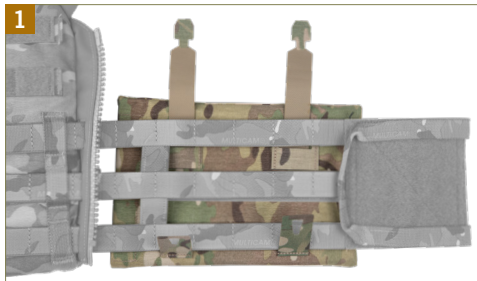
Route strap of side carrier behind webbing on flap to connection of tab hole.



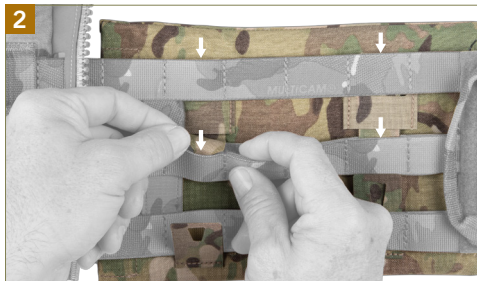
Side flap can be routed under webbing retention or be used to close AVS™ side

ATTACHING TO A SKELETAL CUMMERBUND

To attach side armor carriers to a skeletal cummerbund:



Place carrier behind cummerbund, stretch fabric side towards body.



Route straps through inside webbing row.



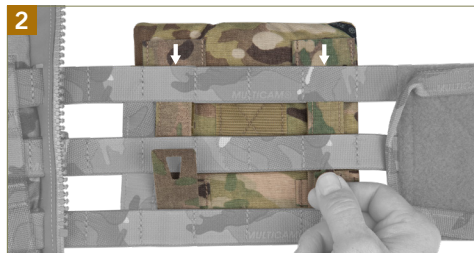
Connect strap tab at bottom hole connection point.

ADJUSTING SIDE ARMOR CARRIER VERTICALLY TO A SKELETAL CUMMERBUND

To adjust carrier vertically to a skeletal cummerbund:



Place carrier behind cummerbund, stretch fabric side towards body.



Route straps under first bar and through first slot on carrier.



Route through back side webbing of cummerbund.



Weave through and connect strap tab at bottom hole connection point.



6x9 Side Armor Carrier

CARE INSTRUCTIONS

CARE INSTRUCTIONS

Care instructions must be read prior to each use.

- Do not machine wash or dry.
- Remove insert prior to cleaning.
- Remove dirt by using a cloth or soft brush.
- Hand wash with warm water can cloth or soft brush.
- Air dry indoors or in shade.

STORAGE

- Store in a cool, dry space.
- **DO NOT LEAVE OUT IN DIRECT SUNLIGHT.**
- **DO NOT STORE WHEN DAMP.**

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.

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