

 **LPV<sup>TM</sup> SYSTEM**

USER MANUAL

 **WARNING**

**THIS USER 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 User Manual. For any questions related to the use or repair of this product, please write Crye Precision LLC or call +1 718-246-3838 during regular business hours.

**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.**

**▲ WARNING**

 **WARNING**

- 01 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
- 02 Holes or cuts in the product may be indicative of damage to ballistic inserts. Inspect and replace damaged ballistic inserts immediately
- 03 Check the product for conditions that could prevent the operation of emergency-doff systems. Carefully adhere to assembly instructions in this User Manual
- 04 This product is **NOT** flame resistant unless specified elsewhere in this User Manual
- 05 **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
- 06 Inspect the product for discoloration, cuts, tears, abrasions, or cracks **BEFORE** and **AFTER** each use
- 07 **DO NOT** alter the product in any way
- 08 **DO NOT** expose the product to open flame or excessive heat
- 09 All replacement parts must be acquired from Crye Precision LLC or a licensed distributor
- 10 The most current version of this User Manual is available at [www.cryeprecision.com](http://www.cryeprecision.com)

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# 01 LPV™ SYSTEM

07

# LPV™ SYSTEM

The Low-Profile Vest (LPV™) system addresses the need for a low-visibility vest that functions as an outer carrier. Drawing inspiration from the LV-MBAV and incorporating elements from the LVS™, the LPV™ system bridges the gap between concealment and operational readiness.

Two distinct configurations emerged during the LPV™ system's development—a streamlined "slick" version designed to carry a single plate, and a tactical version engineered to support a full loadout. The system is further supported by a suite of LPV™ accessories, including the Lowdraw line of magazine pouches. The pouches' versatile design allows magazines to be worn underslung below the front plate bag. When the system is worn discreetly under a shirt or jacket during low-visibility operations, the underslung pouches enable unobstructed reloads.

## **02 OPERATOR INSTRUCTIONS**

- 09 Installing the LPV™ Tactical Shoulder Release Buckle
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# OPERATOR INSTRUCTIONS

## INSTALLING THE LPV™ TACTICAL SHOULDER RELEASE BUCKLE

To install and adjust the shoulder release buckle, perform the following:



- 01 Lay the carrier flat and remove the ballistics, shoulder cover, and back strap from the shoulder pad



02 Fold the front shoulder pad under the webbing bar on the inside-front of the carrier



03 Attach the quick-attach buckle end of the one-inch, side-release buckle to the folded edge of the strap



04 Attach the back connection strap to the removable shoulder pad. Adjust the strap until it matches the length of the opposite strap



05 Place the shoulder cover over the end of the removable pad and position the back connection strap on top of the pad in the desired location

# INSTALLING THE BALLISTIC PROTECTION



01 Open the flap



02 Insert the ballistic protection



03 Secure the plate by closing the top flap

# ADJUSTING THE SHOULDER STRAP RIDE HEIGHT

To adjust the ride height of the LPV™, perform the following:



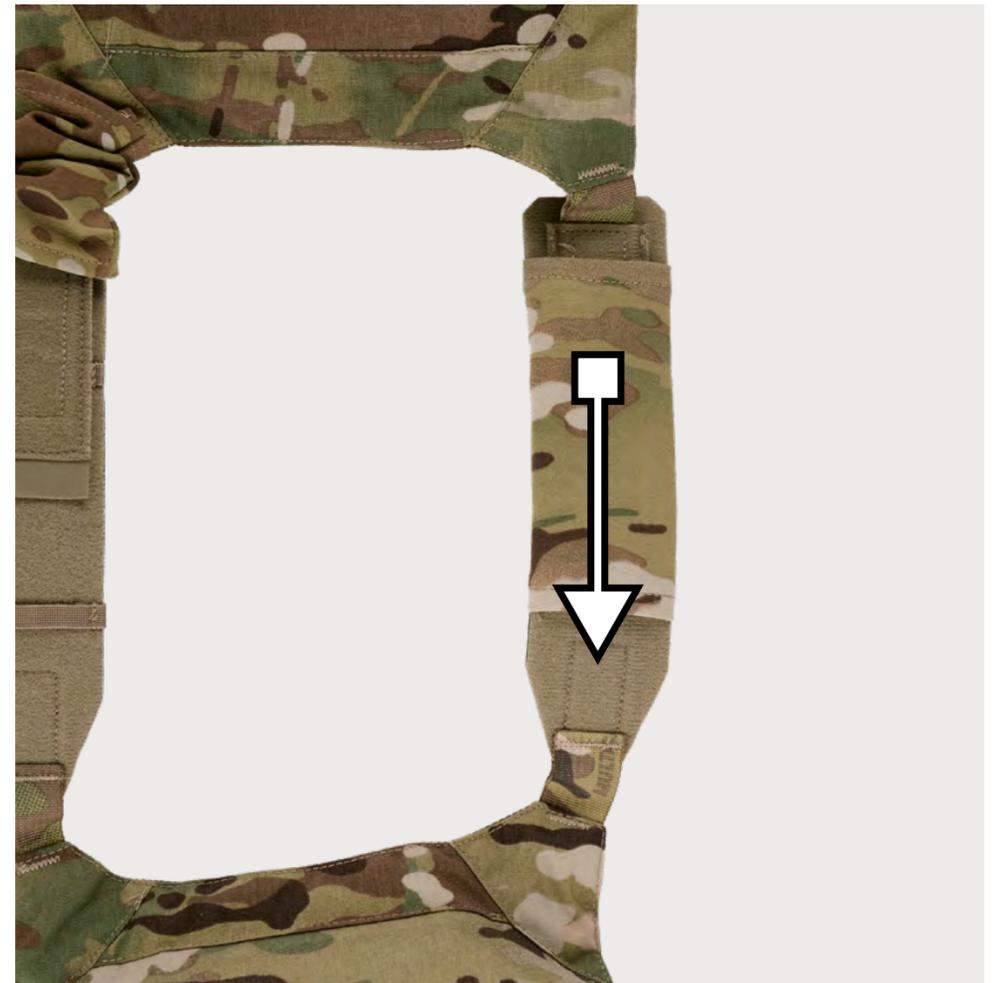
01 Lay the carrier flat and slide the shoulder cover down



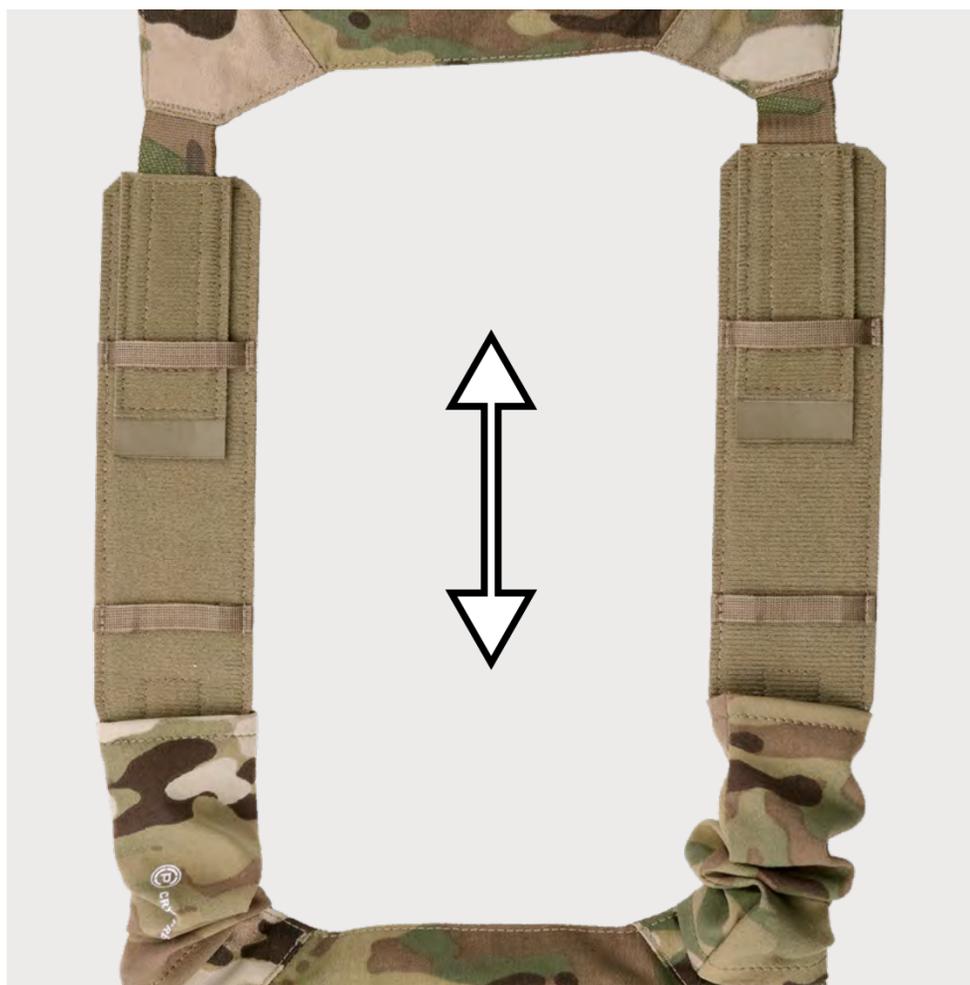
02 Insert the back strap under the horizontal pad webbing



03 Squeeze the back strap together and insert to the desired length



04 Slide the shoulder cover back over the pad



Shoulder straps adjusted more loosely for a lower ride height



Shoulder straps adjusted more tightly for a higher ride height

# INSTALLING AND ADJUSTING THE CUMMERBUNDS

To install and adjust the cummerbund, perform the following:



01 Insert the cummerbund ends through the metal slides and route to the desired length



02 Feed the lace ends of the webbing back and secure them in the elastic keepers

# INSTALLING THE LPV™ TACTICAL FRONT CONNECTION BUCKLES



01 Slide the webbing through the bottom slot of the buckle



02 Slide the webbing through the top slot of the buckles

## **03 OPTIONAL ACCESSORIES**

- 22 Installing the LPV™ Detachable Chest Rig
- 27 Changing the LPV™ Side Radio Pouch Orientation
- 32 Installing and Adjusting the LPV™ Side Radio Pouch
- 36 Installing and Adjusting the LPV™ Lowdraw Pouches

# OPTIONAL ACCESSORIES

## INSTALLING THE LPV™ DETACHABLE CHEST RIG



Final installation



01 Detach the center  
strap and remove  
the metal slide



02 Insert the metal slide and buckle onto the strap



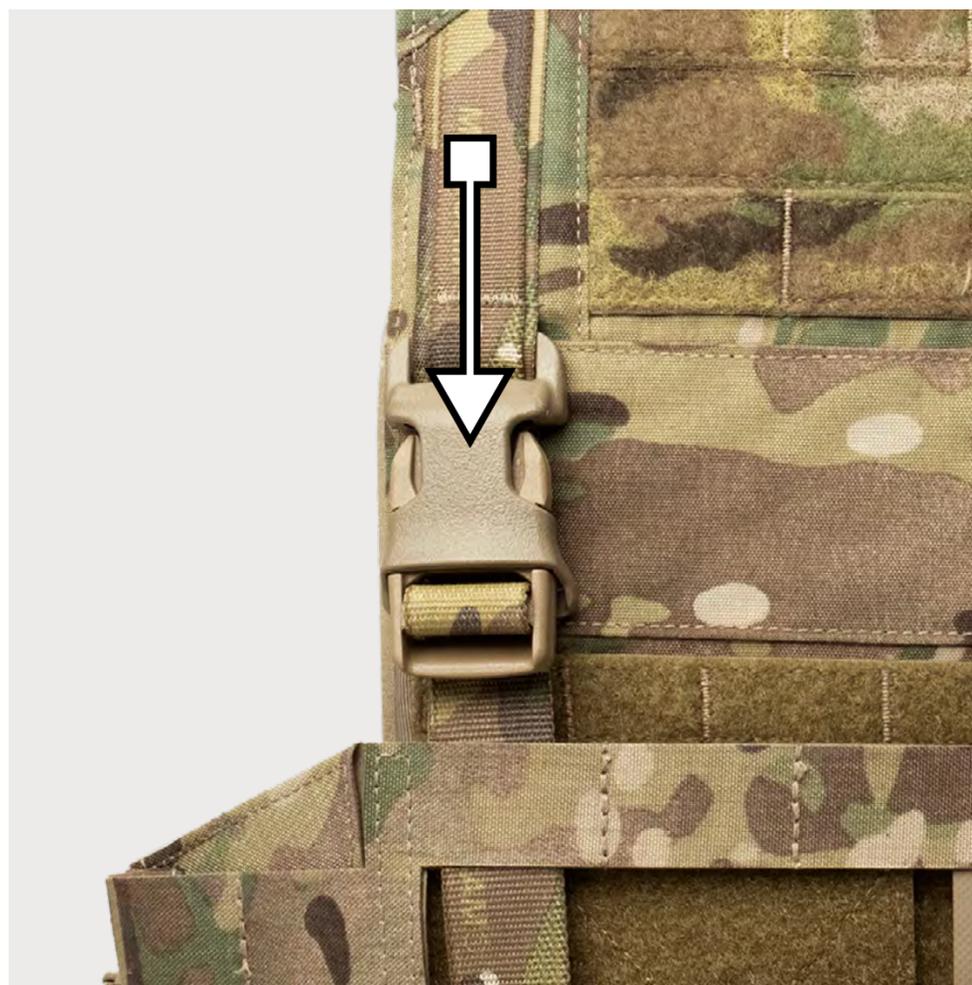
03 Reinsert the strap into the back metal slide



04 Insert the elastic into the slide



05 Tuck the excess under the back flap. Repeat for the opposite side



06 Clip the chest rig into the front buckles



07 Clip in the side buckles



# CHANGING THE LPV™ SIDE RADIO POUCH ORIENTATION



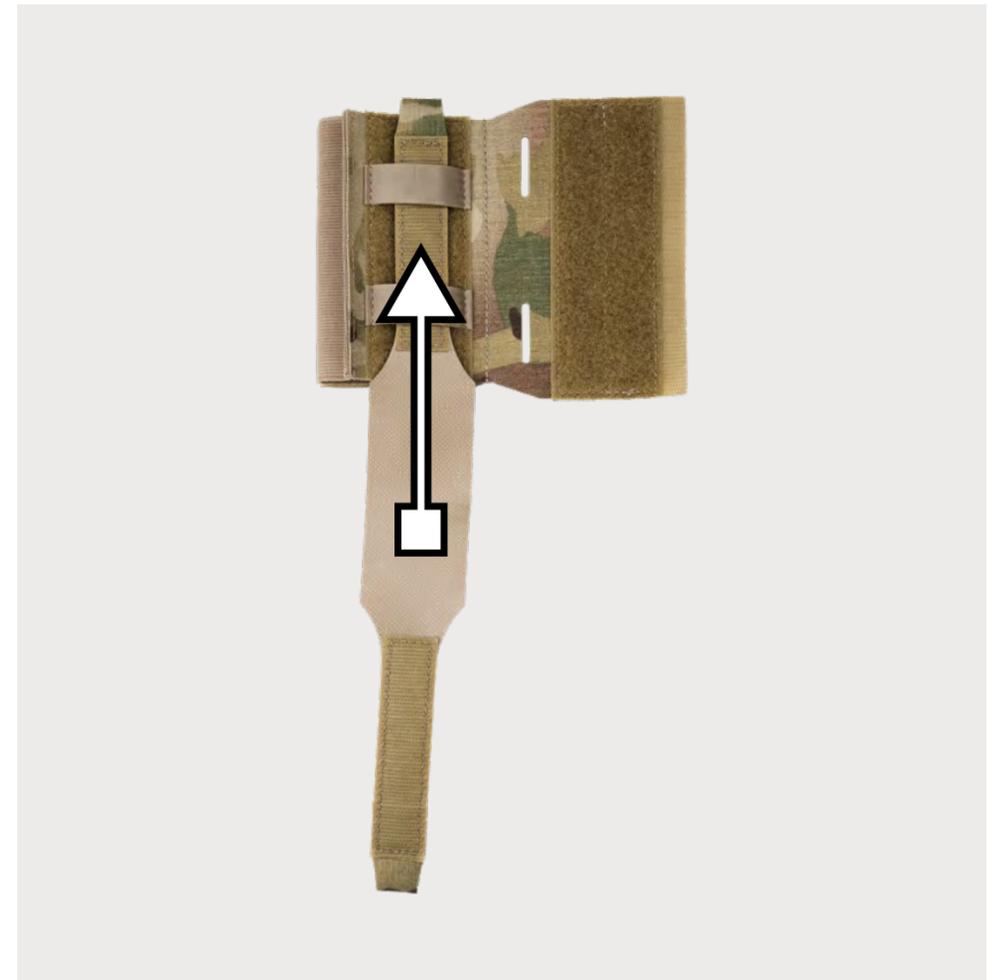
01 Untie the knot in the shock cord



02 Remove the pull tab and the shock cord



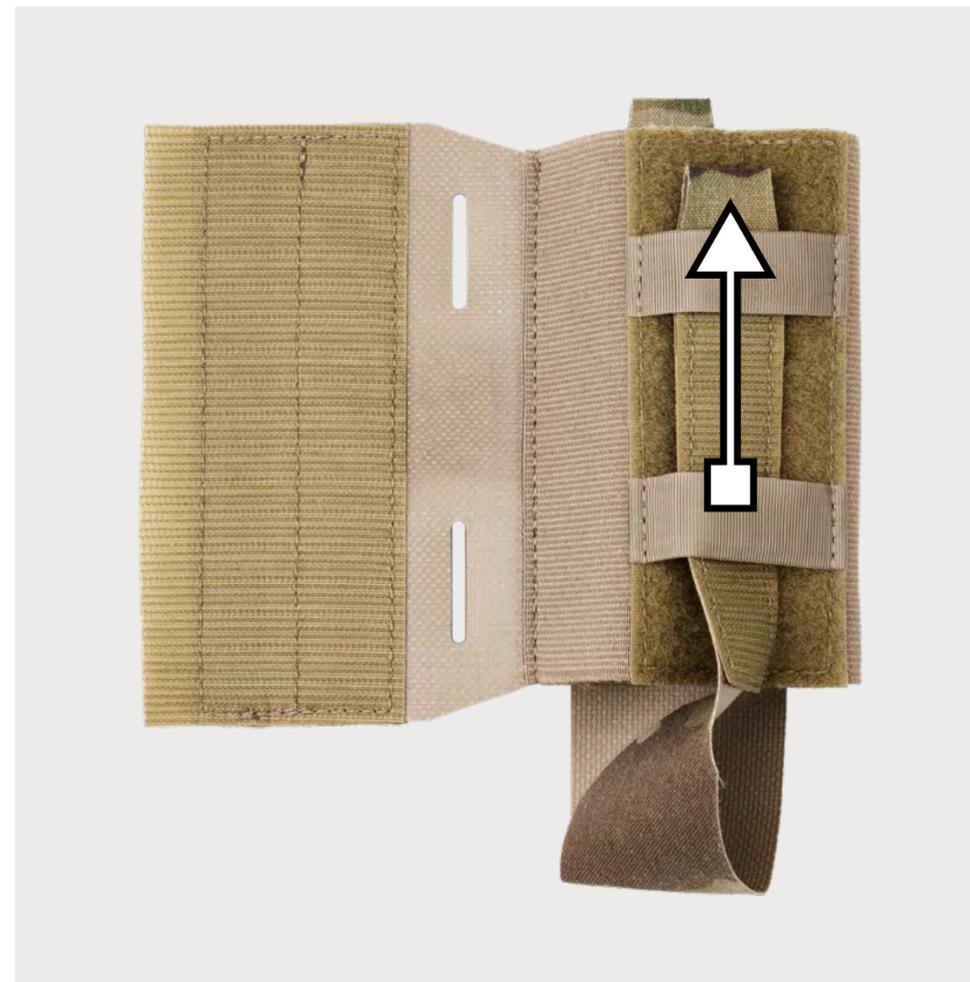
03 Remove the **LPV™ SIDE RADIO POUCH** bottom



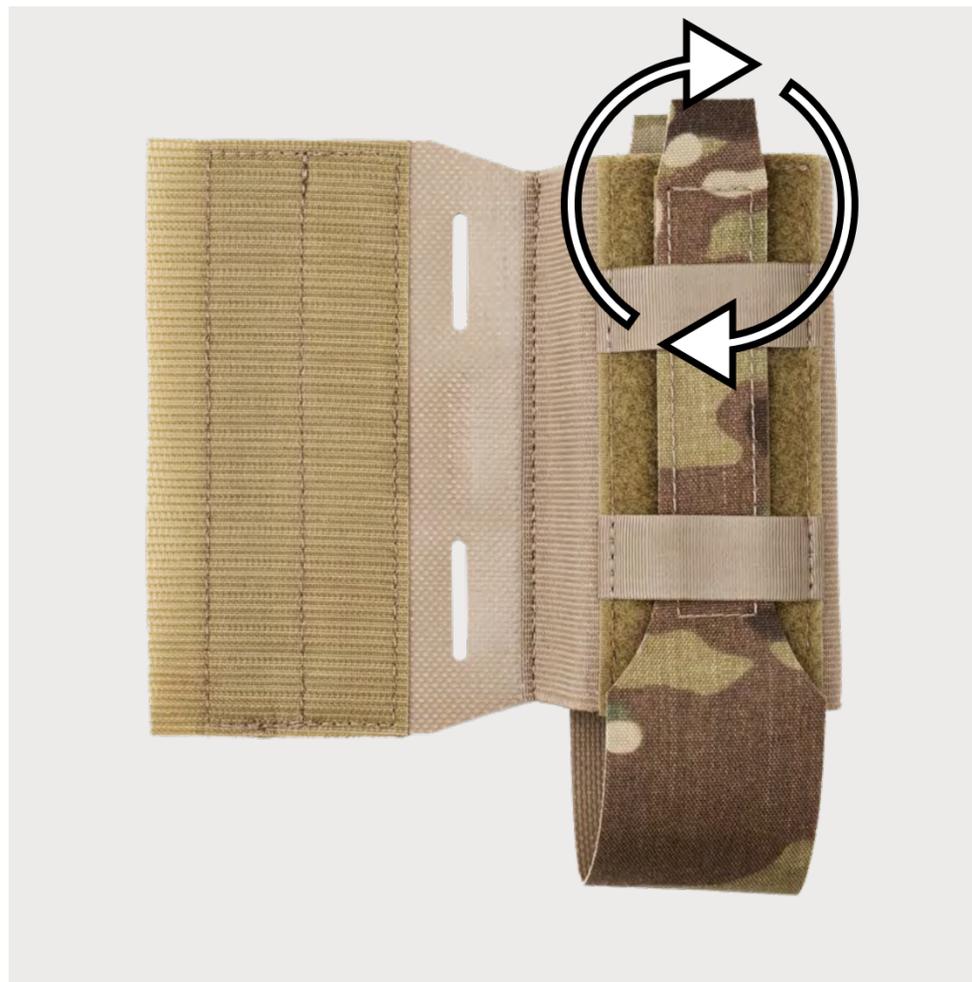
04 Rotate the pouch and insert the strap hook-side up



05 Twist the strap into place



06 Insert the other end of the strap on the opposite side



07 Twist the strap into place



08 Reinsert the shock cord and the pull tab

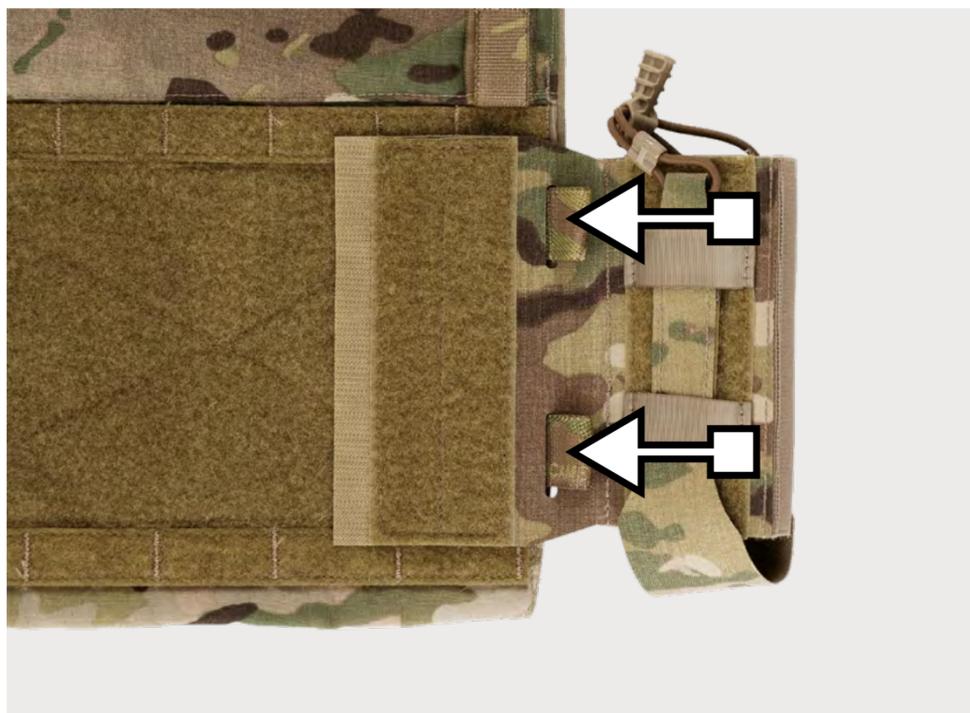


09 Tie a knot through the back



10 Stow the knot and trim the excess cord if desired

# INSTALLING AND ADJUSTING THE LPV™ SIDE RADIO POUCH



01 Place the **LPV™ SIDE RADIO POUCH** on the front of the carrier and route the one-inch webbing loops through the slots

02 Either the one-inch, quick-attach buckles or FS Tubes® can be attached to the side webbing loops. Hardware is **NOT** included

If desired, perform the following steps to make the carrier compatible with FS Tubes®:



01 Detach the VELCRO® Brand flap from the carrier



02 Cut the flap off of the elastic straps



03 Attach one-inch, female, quick-attach buckles or male FS Tubes®

04 Attach the opposite piece to the side webbing loops on the carrier

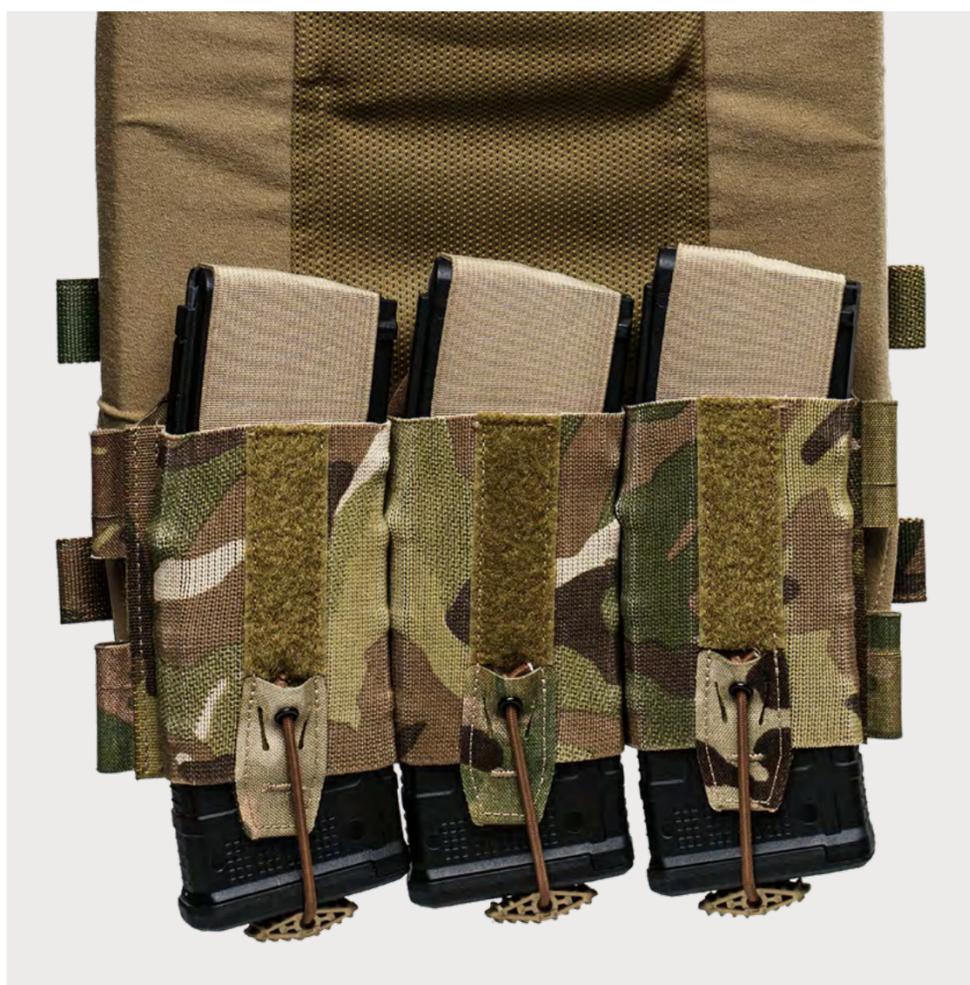


05 Slide the FS Tubes® parts together



06 Secure the parts

# INSTALLING AND ADJUSTING THE LPV™ LOWDRAW POUCHES



01 Place one or multiple Lowdraw pouches on the inner front of the carrier



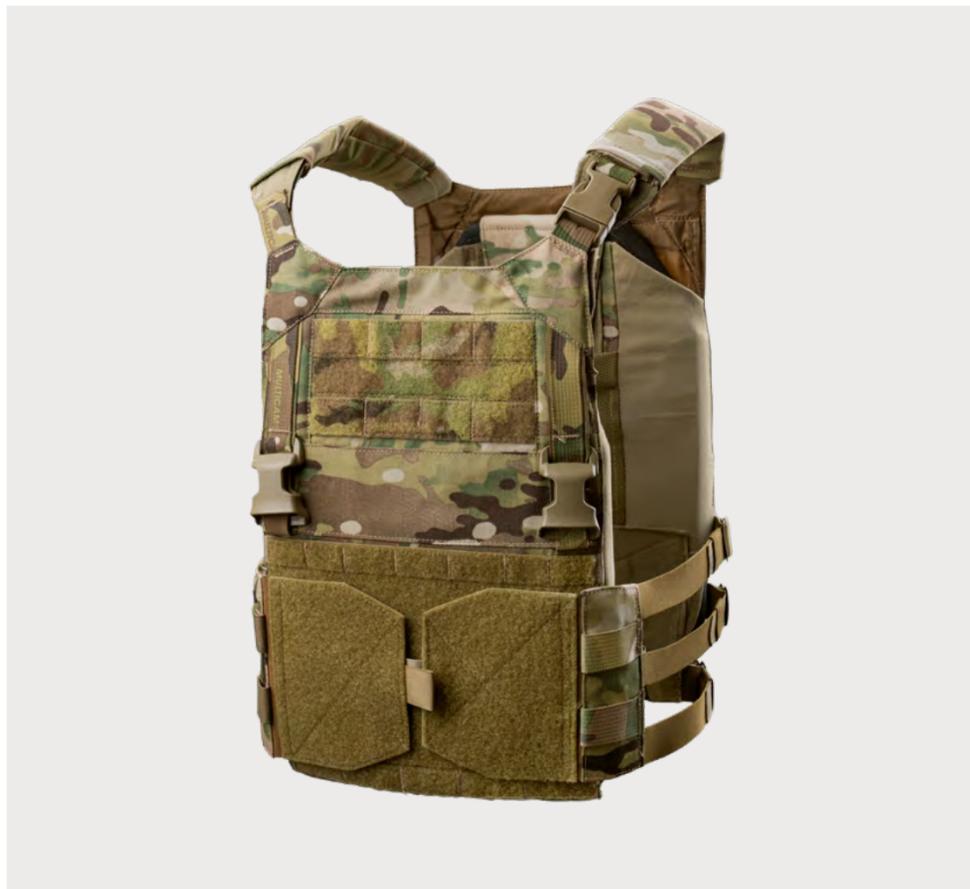
02 The **LPV™ M4 LOWDRAW TRIPLE** can be worn as a traditional front flap for the **LPV™ TACTICAL** carrier

03 LPV™ Lowdraw pouches can be combined and configured for different mission requirements

# 04 COMPONENTS

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# COMPONENTS



**LPV™ TACTICAL**

LBMPH3

**LPV™ SLICK**

LBMPH2

SM MD LG XL

SM MD LG XL





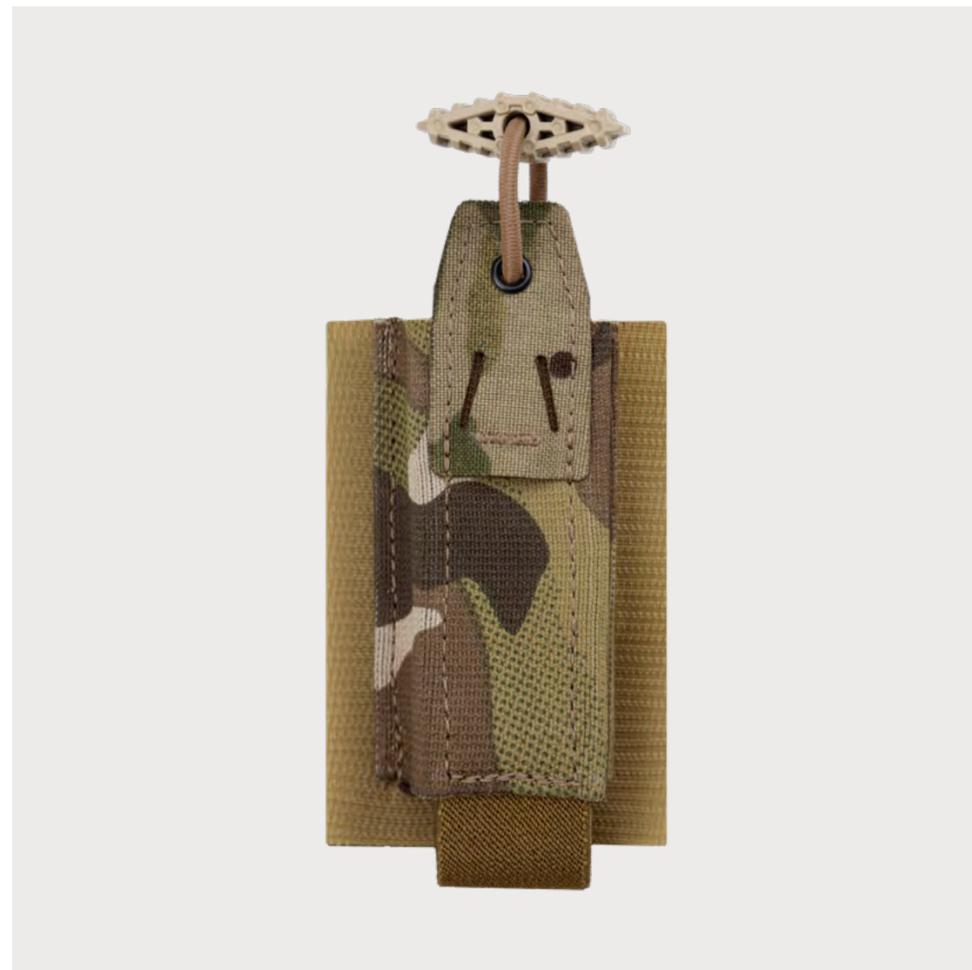
**LPV™ M4**  
**LOWDRAW**  
**TRIPLE**  
ONE SIZE

LBM065

**LPV™ M4**  
**LOWDRAW**  
**SINGLE**  
ONE SIZE

LBM064





**LPV™ PISTOL**

LBM067

**LOWDRAW**

**DOUBLE**

ONE SIZE

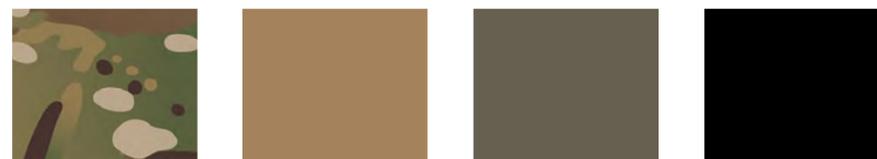
**LPV™ PISTOL**

LBM066

**LOWDRAW**

**SINGLE**

ONE SIZE





**LPV™ SIDE  
RADIO POUCH**  
ONE SIZE

LBM063



**LPV™  
DETACHABLE  
CHEST RIG**  
ONE SIZE

LBM062



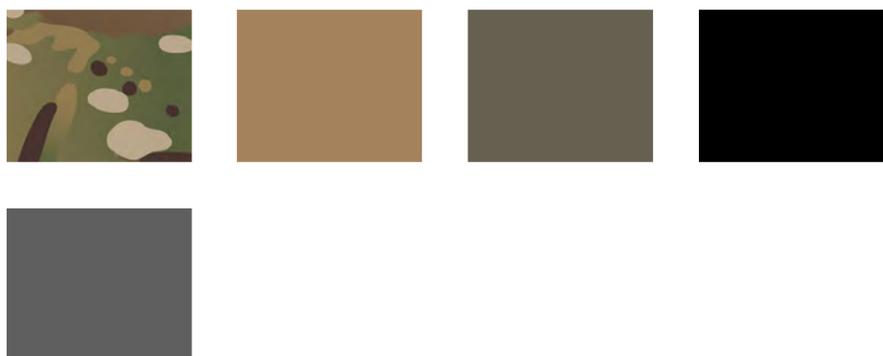


**LPV™ MAG  
CUMMERBUND**  
SM/MD LG/XL

LBM061

**LPV™ SIDE  
ARMOR  
CUMMERBUND**  
SM/MD LG/XL

LBM060



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# INFO

## CARE

### INSTRUCTIONS

- 01 **DO NOT** machine wash or dry
- 02 Remove dirt by using a cloth or soft brush
- 03 Hand wash carrier with warm water and cloth or soft brush
- 04 Air dry indoors or in shade

### MATERIALS

Body	100% nylon
Stretch	77% nylon 23% spandex
Mesh	100% polyester

## ABOUT US

Our mission is to deliver innovation with integrity to those in harm's way by creating ground-breaking products that improve performance, safety, and comfort.

We pride ourselves on being able to rapidly design, manufacture, and support these products by

employing a wide range of manufacturing techniques and highly skilled operators.

We will always continue our pursuit of innovative excellence—expanding our products and offerings in support of the ever-changing needs of our customers.

## 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 more than 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

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PROTECT FREEDOM™