



ALARIS™ PATROL 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 LORICA Equipment Ltd. with respect to this product are voided if the product is not used and maintained in accordance with the instructions in this manual and the body armour use and care manual included with your armour system. For any questions relative to the use or repair of this product, please write LORICA Equipment Ltd. or call 1-604-392-2295 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.

- Carrier alone has no protective qualities. Refer to the armour panel label for protection level.
- Improper care or storage of your body armour will void the warranty.
- Upon receiving your body armour, carefully inspect the model, carrier style and all components. Contact the distributor or retailer immediately if you have any discrepancies.
- Your body armour is an important part of your safety equipment. It must be adjusted to be worn properly in order for it to function as designed.
- Before and after wearing your armour, make sure that the ballistic panels are in the proper position within the carrier and the armour is adjusted properly to cover your torso.
- If the body armour is ever completely submerged in water to the point of saturation, it is recommended the ballistic panels be replaced.
- There should be no expectation of bullet and/or stab resistance in areas not covered by the ballistic/stab materials. The armour is not bullet-proof or stab-proof, but resistant.
- If any part of your ballistic panel is torn or damaged it should be brought to the attention of your local dealer/distributor representative. DO NOT attempt to repair the garment yourself.
- DO NOT bleach. DO NOT iron. DO NOT dry clean.
- The most current version of this manual may be found at www.loricaequipment.com.



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INTRODUCTION



The ALARIS™ Patrol Carrier is the body armour carrier solution for security and general law enforcement officers that require essential load carriage with ample coverage. The carrier incorporates numerous duty-ready features that make it a versatile choice for a wide range of operations.

FEATURES

- Made in Canada from durable, quick-drying, and abrasive resistant 500D CORDURA® nylon
- Advanced laser cut padded shoulders with routing channels
- Several mic/radio attachment points on shoulders
- Inner trauma pocket accepts standard trauma plates over the center chest
- Front and rear loop for ID patches
- Dual 1"x4" chest loop for name tag/ID patches
- Large chest pocket with integrated pen elastics
- Large volume front pocket with inner gear retention elastics for essential administrative patrol gear
- Comprehensive MOLLE webbing on front and sides
- Highly breathable, antimicrobial, and moisture-wicking 3D inner mesh lining for temperature regulation and added comfort
- Zippered armour inserts with internal panel suspension
- Ballistic nylon reinforcement in key wear areas for increased durability
- Fully adjustable and removable internal elastic cummerbund

CARRIER CARE AND MAINTENANCE

To ensure that the outer carrier provides you with years of unflinching service, please follow the care instructions listed below. These can also be found on the label located on the inside of your carrier:

IMPORTANT: REMOVE ARMOUR PANELS BEFORE WASHING

1. MACHINE WASH CARRIER USING GENTLE cycle at COOL temperature.
2. DO NOT iron.
3. DO NOT bleach or use fabric softener.
4. DO NOT commercially dry-clean.
5. DO NOT MACHINE DRY. Hang to air-dry.
6. Ensure outer vest is FULLY DRY before inserting armour panels.
7. DO NOT machine wash armour panels. Follow instructions on panel label.





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

1.0 FRONT CARRIER

The front carrier accepts soft body armour and standard sized trauma plates via internal pockets. Loop is incorporated for name tag and ID patches. Top administrative pocket with pen and phone elastics. Large volume main pocket on front flap with internal retention elastics and MOLLE webbing platform. Front flap lifts for side closure attachment and adjustment. 3D mesh is found on the inside for breathability, moisture-wicking, and comfort.



1.0 Exterior



1.0 Interior

2.0 REAR CARRIER

The rear carrier accepts soft body armour and standard sized trauma plates via internal pockets. Loop for ID patches. Back flap for side closure attachment and adjustment. Loop for inner elastic cummerbund attachment and adjustment. 3D mesh is found on the inside for breathability, moisture-wicking, and comfort.



2.0 Exterior



2.0 Interior

3.0 SHOULDER PADS

The advanced laser cut shoulders are padded for comfort and feature the same breathable 3D mesh as the front and back carriers. The straps on the front carrier are routed through the shoulder pads to attach the front and back.



3.0

3.0 SIDE CLOSURES

The side closures are available with various attachment options. Side closures are attached and adjusted via the carrier front and back flaps.

The side closures feature MOLLE webbing and rear elasticsation for comfort and mobility.



4.0 INTERNAL ELASTIC CUMMERBUND

The internal elastic cummerbund helps with donning and doffing the carrier and distributes the weight. The woven elastic straps attach to the rear carrier loop interface and is secured in the front by wrapping around the torso.





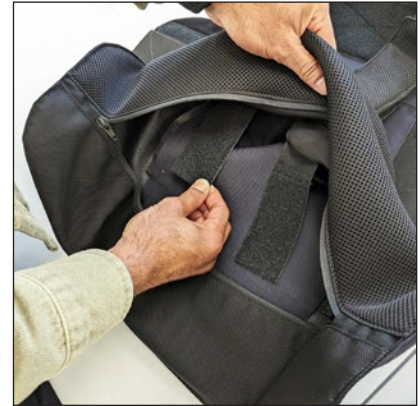
1.0 INSERTING ARMOUR PANELS

Armour panels are inserted and removable via the zippered pockets on the inside of the front and back carriers.

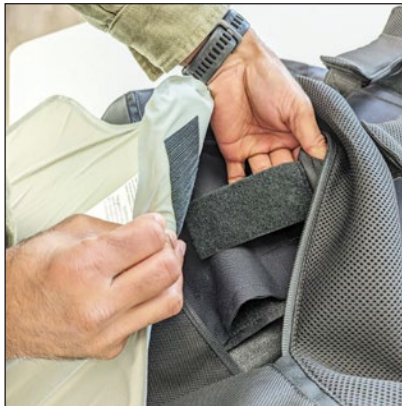
- 1.1 Lay out the carrier components on a clean, flat surface.
- 1.2 Open the zipper on the inside of the front carrier.
- 1.3 Reach up into the shoulders to locate the panel suspension loop tabs.
- 1.4 Pull the tabs down to the opening almost inverting the carrier.
- 1.5 Attach the hook on the panels to the loop tabs **with the panel label facing upwards and towards the body side.**
- 1.6 Carefully fold the sides of the armour inwards and slide the panel up into the carrier.
- 1.7 Unfold the sides of the armour and ensure that the panel lays completely flat in the carrier. Repeat these steps for the other half of the carrier.
- 1.8 Zip the openings closed and ensure that your ballistic panels are properly positioned and lying flat.



1.2



1.3 + 1.4



1.5



1.6



1.8

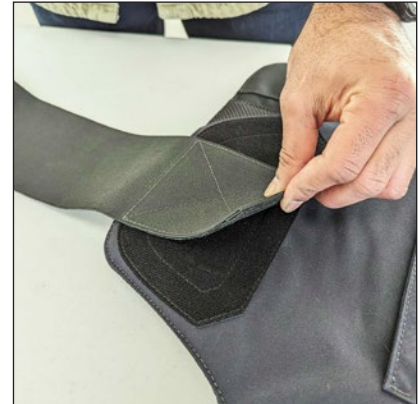
2.0 ATTACHING THE INTERNAL ELASTIC CUMMERBUND

The internal elastic cummerbund is attached and adjusted via the loop interface on the rear carrier.

- 2.1 Lay the rear carrier with the outside facing upwards.
- 2.2 Locate the back of the cummerbund by finding the square hook side.
- 2.3 Attach the hook to the loop on the sides of the rear carrier for both sides of the cummerbund.
- 2.4 Adjust as needed in the front and back when wearing the carrier.



2.2



2.3



2.3



2.4

3.0 ATTACHING THE SIDE CLOSURES

The side closures are attached and adjusted via the carrier front and back flaps.

- 3.1 Lay out the front carrier with the outside facing upwards.
- 3.2 Open the front MOLLE flap.
- 3.3 Identify the left and right closures by checking that the inside elastic pocket opening is facing upwards when attached.



3.2



3.3

- 3.4 Attach the side closures to the front loop interface ensuring they are aligned evenly and the attachment system is accessible if present**.



3.4



3.4

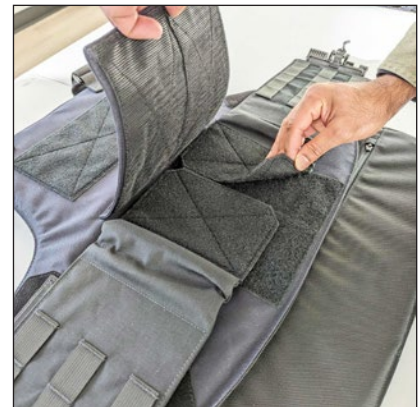
- 3.5 Disconnect the attachment system.
- 3.6 Flip the vest over so the back carrier is facing upwards and open the rear flap.
- 3.7 Attach the disconnected part of the side closures to the back flap of the rear carrier ensuring they are aligned evenly. Remember to check the inside elastic pocket to ensure they are on the correct side (left/right).

These can be adjusted when fitting to ensure a proper and comfortable fit.

** If the carrier has Velcro Closures (VC) first attach at the rear of the carrier and adjust as required when fitting.



3.5



3.6 + 3.7

FITTING



Proper fitting and adjustment of the carrier is essential for maximum protection and comfort.

1.0 ADJUSTING THE SIDE CLOSURES

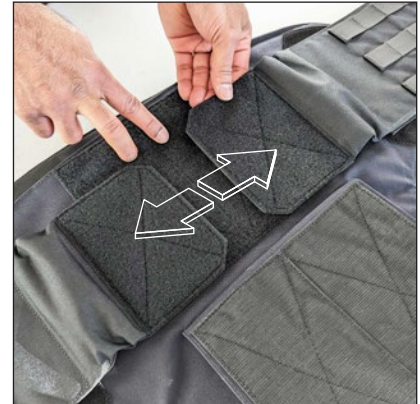
The side closures are attached and adjusted via the carrier front and back flaps.

- 2.1 Remove any headgear. Don the vest once the side closures are assembled - see Assembly, 3.0 of this manual.
- 2.2 Check both the side overlap and comfort of the vest around the torso. The NIJ and LORICA recommends a 2" overlap for maximum side protection.
- 2.3 If it is too snug, remove the vest and adjust the position of each side closure in the rear by moving each side outwards evenly to loosen.
- 2.4 If the vest is too loose, remove the vest and adjust the position of each side closure in the rear by bringing them closer together and/or overlapping the hook and loop to tighten.
- 2.5 Don the vest and double-check the fit. Repeat the previous steps if needed until the vest fits comfortably.
- 2.6 The side closures can also be micro-adjusted in the front of the carrier depending on the amount of clothing worn underneath.

** It is recommended that you do not over tighten the side closures as it reduces comfort and airflow to your torso. For an ideal fit, secure the vest to a point where it feels snug and allow an additional 1/2" of allowance on either side.



2.2



2.3



2.4



2.6

2.0 ADJUSTING THE SHOULDERS

Properly adjusting the shoulders ensures the armour panels are situated for maximum protection.

- 2.1 Remove any headgear. Place the vest over head and attach the side closures.
- 2.2 The front armour panel should sit just below the center notch at the base of your throat. The rear armour panel should sit just below the prominent vertebrae at the base of your neck.
- 2.3 To adjust, open the double-overlap shoulder pads and fully release the shoulder strap.
- 2.4 Adjust higher by pulling forward to tighten. To lower, pull down carefully on the front carrier. This can also be achieved by doffing the vest and adjusting as needed.
- 2.5 Ensure the straps are evenly adjusted and the front and back panels are centered on the body.
- 2.6 Reattach the straps and the double-overlap shoulder pads, don the vest, and double-check the fit.

** The shoulders may need adjustment depending on the thickness of the clothing worn underneath the carrier.

The thickness of inserted hard trauma plates can also shift the positioning of the carrier.



2.2 Front



2.2 Back



2.3



2.4



2.5

2.0 ADJUSTING THE SHOULDERS CONT.

- 2.7 If more than 1" of adjustment is needed, you can re-thread the strap through the shoulder pad to gain an additional 2" total of adjustment.
- 2.8 To re-thread the strap remove the vest and separate the shoulder pad from the strap.
- 2.9 Thread the strap through the two most inner slots of the shoulder pad.



2.7 Standard threading



2.8 Additional adjustment threading

3.0 FINAL DONNING

- 3.1 Remove any headgear. Place the vest over head, centering both front and back panels on the body.
- 3.2 Attach the internal elastic cummerbund.
- 3.3 Attach the side closures.



3.1



3.2



3.3



INSERTING TRAUMA PLATES



The ALARIS™ Patrol Carrier features an internal trauma plate pocket that accepts standard 5x8" and 7x9" trauma plates. More sizes are available, contact sales for more information.

1.0 INSERTING TRAUMA PLATES

- 1.1 Open the soft armour panel zipper on the inside of the front or rear carrier.
- 1.2 Locate the trauma plate pocket by lifting the soft armour up from the bottom.
- 1.3 Open the hook and loop closure at bottom of the pocket and slide the plate up until fully inside the pocket.

Ensure the label of the plate is facing upwards and to the body side.

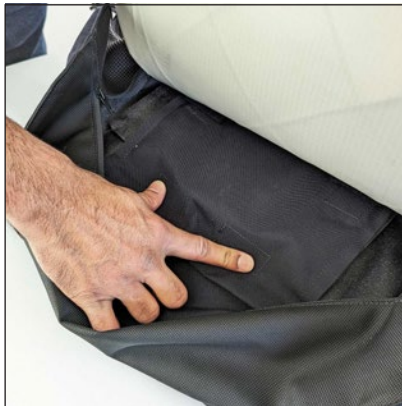
- 1.4 Close the hook and loop closure of the trauma plate pocket.
- 1.5 Re-insert the bottom of the soft armour panels ensuring they are laying completely flat and close the zipper.



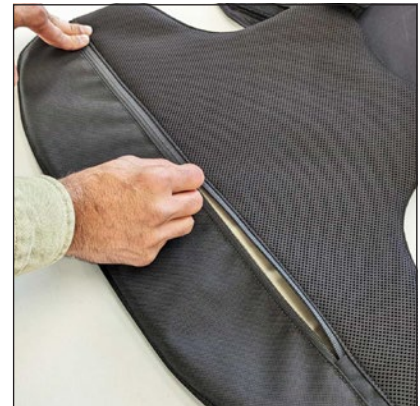
1.2



1.3



1.4



1.5

MOLLE/PALS WEBBING



The ALARIS™ Patrol Carrier is outfitted with load-bearing MOLLE webbing on the front and side closures. The MOLLE webbing is compatible with most universal MOLLE/PALS pouches. It is recommended you carefully plan out the placement of your pouches prior to installation to ensure optimal access to your critical equipment.

1.0 ATTACHING MOLLE POUCHES

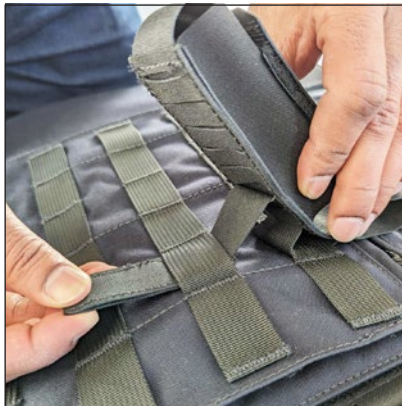
- 1.1 Empty any contents of the pouch.
- 1.2 Release and pull out the attachment strap.
- 1.3 Thread the strap through the top MOLLE attachment point and continue down, weaving the strap in-between each carrier and pouch webbing opening.
- 1.4 Once you have threaded the MOLLE webbing completely, attach the bottom strap by pushing the rigid piece up inside the bottom opening to secure your pouch.
- 1.5 Repeat for all of your MOLLE compatible pouches.



1.2



1.3 A



1.3 B



1.3 C



1.3 B



ABOUT

Inspired from ancient Roman military garments, LORICA refers to many forms of personal armour. LORICA Equipment pays homage to these iconic soldiers and aims to continue the tradition of forging legendary technical equipment for today's heroes.

We collaborate with industry leading manufacturers, operators, and agencies to solve common challenges and drive product development that more effectively addresses operator needs.

We progress in unison - advancing our customer's capabilities and strengthening our abilities as a team.

WARRANTY

The outer carrier is warranted to be free from material and workmanship defects for 24 months from the date of issue.

All outer carriers which have material and/or workmanship defects, must be inspected by the manufacturer, if approved, the outer carrier will be repaired or replaced at no cost to the customer. Be aware that the customer is responsible for any and all return shipping charges. This applies to the original purchaser and is nontransferable.

This warranty shall be void if the product has been altered, misused, stored improperly, or not cleaned in accordance with cleaning instructions.

CONTACT

LORICA Equipment Ltd.
202 - 43923 Progress Way
Chilliwack, BC
V2R 0E6

1-604-392-2295
sales@loricaequipment.com
www.loricaequipment.com

