



USER CARE & INSTRUCTION MANUAL · ST-GPV

Sarkar General Purpose Vest

The preferred armour vest of Armed Forces and Police authorities around the world — effective front, back and side ballistic protection in an overt carrier. This configuration adds integrated neck and groin protection.

COVERAGE

360° WRAP

SOFT ARMOUR

NIJ IIIA

PLATE POCKET

25×30 CM

WARRANTY

2 / 10 YR

An overt platform built to carry the fight.

The Sarkar Tactical GPV is a front-to-back wrap-around armour vest with MOLLE webbing throughout. Front and rear plate pockets accommodate 25×30 cm Hard Armour Plates, and an integrated adjustable cummerbund distributes load while the side closures dial in fit. Built around a Cordura® outer and a Coolmax® 3D spacer mesh lining, it is engineered for long-duration wear.

This configuration ships with integrated neck protection, a collar and groin protection. Fitting instructions follow in this manual.

WARRANTY

Carrier	2 YEARS
Soft Armour Panel (SAP)	10 YEARS
Hard Armour Plate (HAP)	10 YEARS

- A1

Cordura® outer carrier — abrasion-resistant overt construction
- A2

MIL-Spec hardware — Velcro, thread, webbing and elastic throughout
- A3

Coolmax® 3D spacer mesh lining for airflow and all-day comfort
- A4

Front-to-back wrap-around ballistic protection
- A5

Integrated adjustable cummerbund with adjustable side closures
- A6

Dorsal drag strap for casualty extraction
- A7

3560 MOLLE webbing for accessory pouches

03 / SPECIFICATION

MODEL	ST-GPV
CARRIER	Cordura® outer · Coolmax® 3D spacer mesh lining
HARDWARE	MIL-Spec Velcro, webbing & elastic
COVERAGE	Front · back · side wrap-around
PLATE POCKET	25×30 cm — front & rear (HAP)
SOFT ARMOUR	NIJ 0101.06 Level IIIA
THIS MODEL	Collar, neck & groin protection
SIZES	S–XL · bespoke tailoring available

Know your vest.

Your GPV ships as a carrier with separate ballistic panels and protection accessories. Lay all components out and identify each part before fitting. The views below show every component from the inside (wear face) and the outside.



FIG. 01 — OUTSIDE

ALL COMPONENTS



FIG. 02 — INSIDE / WEAR FACE

ALL COMPONENTS

- 01 **Body armour carrier** — Cordura® outer shell
- 03 **Hard Armour Plate pockets** — 25×30 cm (HAP)
- 05 **Neck yoke** — optional
- 07 **Adjustable cummerbund** — side closures

- 02 **Front & rear Soft Armour Panels (SAP)**
- 04 **Collar / shoulder protector**
- 06 **Groin protector** with soft armour
- 08 **Dorsal drag strap**

Installing the SAP into the vest carrier.

Fit the soft armour panels into the front and rear of the carrier before adding any hard plates. Always insert the panel with the labelled wear face toward the body.



Lay out the parts. Place the Soft Armour Panel (SAP) and vest carrier with the wear face facing upward.



Open the closure. Open the hook-and-loop closure to access the internal cavity.



Fold the panel. Fold the SAP as required to fit through the opening.



Insert the panel. Insert the SAP into the carrier, ensuring the shoulder corners are correctly positioned.



Check the seating. Check that all corners are fully seated, the SAP is flush against the carrier, and there are no folds or creases.



Close and secure. Close and secure the hook-and-loop closure. Repeat for the rear panel.

Loading the groin protector.

The groin protector carries its own soft armour panel. Load the panel before attaching the protector to the vest. Keep the wear face toward the body and the mounting straps uppermost.



- 01 Lay out the parts**
Place the Soft Armour Panel (SAP) and groin panel carrier with the wear face facing upward.



- 02 Insert the panel**
Insert the SAP into the groin panel carrier, ensuring the wear face is oriented correctly.



- 03 Close and secure**
Close and secure the hook-and-loop closure, ensuring all corners are fully seated and flush within the carrier.

NOTE

Attach the loaded groin protector to the vest using the buckle adjustment on page 10.

Adding 25×30 cm hard plates.

The front and rear plate pockets accept 25×30 cm Hard Armour Plates for rifle-rated protection. Always fit the soft armour panel first, then add the hard plate in front of it. The strike face must always point away from the body.

01



Lay out and inspect. Lay the vest flat with both plate pockets accessible. Inspect the vest and armour plates for any signs of damage, defects or excessive wear before installation.

02



Remove the patches. Remove any patches fitted to the front flap.

03



Remove the neck yoke. Remove any neck yoke attachment fitted to the collar.

04



Open the front flap. Open the front flap by separating the hook-and-loop closure to access the plate pocket.

05



Insert the plate. Insert the Hard Armour Plate (HAP) into the pocket with the strike face oriented towards the outside of the vest and the wear face towards the inside.

06



Seat the plate. Ensure the plate is fully seated within the pocket and fits securely without excessive movement.

Securing the plate & the second pocket.

Close the loaded pocket and refit the items removed earlier, then turn the vest over and repeat the procedure for the second plate pocket.



Close and secure. Close and secure the hook-and-loop flap over the loaded pocket.



Reattach patches & yoke. Reattach any patches and the neck yoke that were removed during installation.



Turn the vest over. Turn the vest over so that the opposite side is facing upward.



Repeat for the second pocket. Repeat steps 2–7 for the second plate pocket, fitting the plate strike face outward as before.

WARNING

Hard plates must be fitted in addition to — not instead of — the soft armour panels. Confirm the strike-face marking before every deployment, and inspect plates regularly for cracks or damage. A damaged plate must be replaced.

Fitting the Collar

The collar mounts to the back panel and folds forward over each shoulder for full soft armour coverage around the neck.

01



Separate the shoulder fasteners. Release the hook-and-loop shoulder fasteners on both shoulders.

02



Open the panels. Separate the front and back panels, leaving only the back panel accessible.

03



Position the collar. Set it onto the back panel, aligned with both shoulder seams for full soft armour coverage.

04



Fold the back panel. Fold the shoulder section of the back panel over the corresponding shoulder section of the front panel and secure it.

05



Fold the shoulder flap. Fold the upper shoulder flap from the front panel back over the shoulder section to secure the assembly.

06



Repeat and raise. Repeat steps 4–5 on the opposite side, then raise the collar into position.

Adding the optional neck yoke.

The neck yoke attaches to the fitted collar to extend protection. It is fully removable for lighter, lower-profile wear.

07



Open the retention flap. Open the collar hook-and-loop retention flap.

08



Align and attach. Align the neck yoke with the collar and attach it on both sides.

09



Close the flap. Fold the retention flap back into place, ensuring the neck yoke is fully enclosed and secured.

10



Secure the webbing tab. Slide the webbing tab underneath the MOLLE webbing to secure it in position.

Groin buckle adjustment.

Mount the loaded groin protector to the front of the vest by threading its webbing through the buckles. Tighten both sides evenly so the panel sits snug against the front of the vest.

01



Position and thread. Position the groin and front panels wear face up, then thread the webbing through the rear of the upper slot in the buckle.

02



Fold back. Fold the webbing back on itself and thread it downward through the lower slot of the buckle.

03



Thread the retaining slot. Pass the webbing through the retaining slot as shown.

04



Repeat on the opposite side. Thread the second buckle the same way.

05



Tighten and raise. Pull both webbing ends to tighten the assembly, then raise the groin panel until it overlaps the front of the vest.

Adjusting the integrated cummerbund.

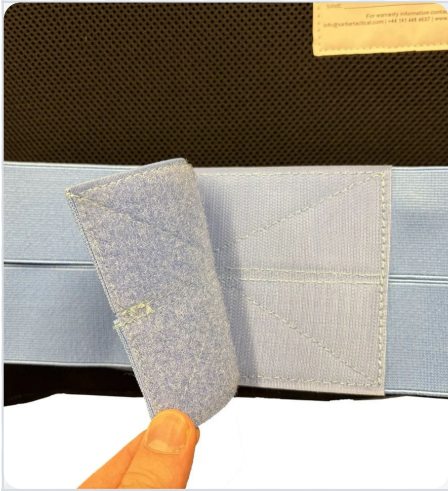


FIG. 05 — ADJUSTABLE SIDE CUMMERBUND CLOSURE

01 Undo the side closures

Release the hook-and-loop side closures on both sides.

02 Lift the front of the vest

Lift the front of the vest to access the inner closure.

03 Adjust the elastic closure

Adjust the middle hook-and-loop closure, which has elastic, to set the girth for a snug fit.

04 Wrap & fasten

Bring the cummerbund around the torso and press the closures firmly together.

05 Check the fit

The vest should sit snug without restricting breathing or movement.

06 Reattach the side closures

Re-engage the hook-and-loop side closures on both sides.

Looking after your GPV.

Always separate the ballistic panels from the carrier before cleaning. The instructions below apply to the outer shell vest (carrier) only — never wash, immerse or machine-clean the ballistic panels themselves.

- 1

Remove ballistic panels from the front and back of the outer shell vest (carrier).
- 2

Ensure hook-and-loop fasteners are in the closed position during the washing cycle.
- 3

Machine wash the outer shell vest (carrier) at 40 °C.
- 4

Use a low-sudsing detergent per the detergent manufacturer’s directions.
- 5

Do not bleach.
- 6

The carrier only may be tumble dried at a medium temperature setting, or may be line dried.
- 7

The carrier only may be dry cleaned.
- 8

The carrier must be completely dry before inserting panels.
- 9

Do not iron.

WARNING

This carrier offers no ballistic protection without ballistic panels being inserted. See the ballistic panel labels for the protection level provided, in accordance with the NIJ standard. This garment is not intended to protect against sharp-edged or pointed instruments.