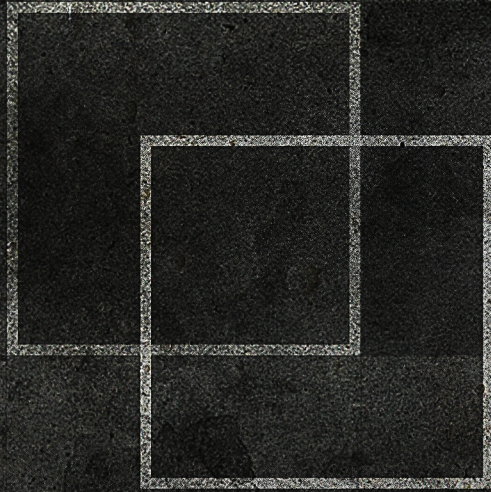


MISSION  
ESSENTIAL  
EQUIPMENT™

# P.A.R.I.S.™

PACK TO ARMOUR RAPID INTEGRATION SYSTEM



PRODUCT OPTIMIZATION GUIDE



CTOMS

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# P.A.R.I.S™

PACK TO ARMOUR RAPID INTEGRATION SYSTEM

[+]

## WARNING

- [+] **Failure to heed the information in this manual may result in suboptimal performance of this equipment.**
- [+] **Improper assembly and configuration of this equipment may lead to failure in the field.**
- [+] **This is an interface system that requires a CTOMS 2ndLine Pack and a MOLLE covered plate carrier.**
- [+] **This system will only work with the new MQRB Shoulder Straps on the 2ndLine Pack. If you have older Snap Dragon Shoulder Straps, please contact CTOMS to purchase upgrade to the MQRB system.**
- [+] **Assembly required.**



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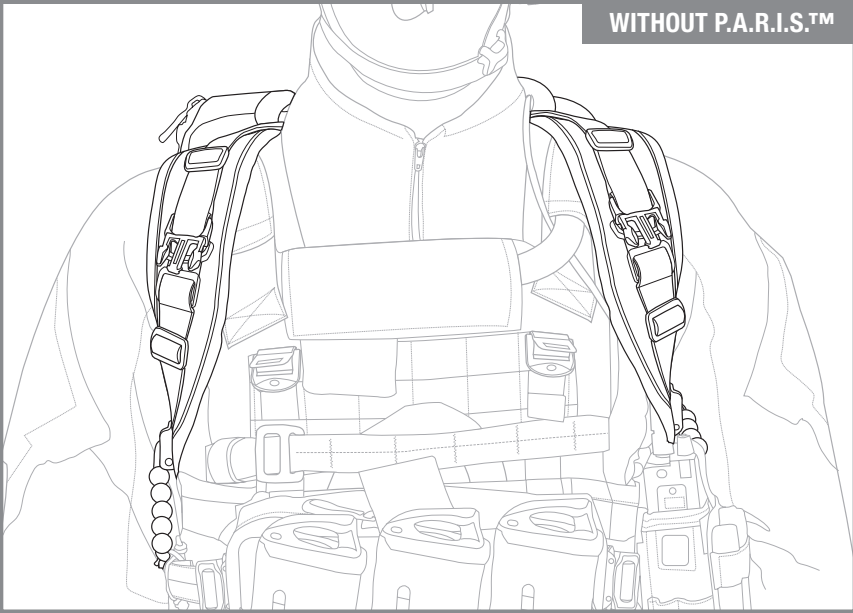
## **P.A.R.I.S.™ ADVANTAGES**

The Pack to Armour Rapid Integration System allows a quick attachment of the CTOMS 2ndLine Pack to any MOLLE plate carrier eliminating the traditional shoulder strap configuration that can cause problems such as:

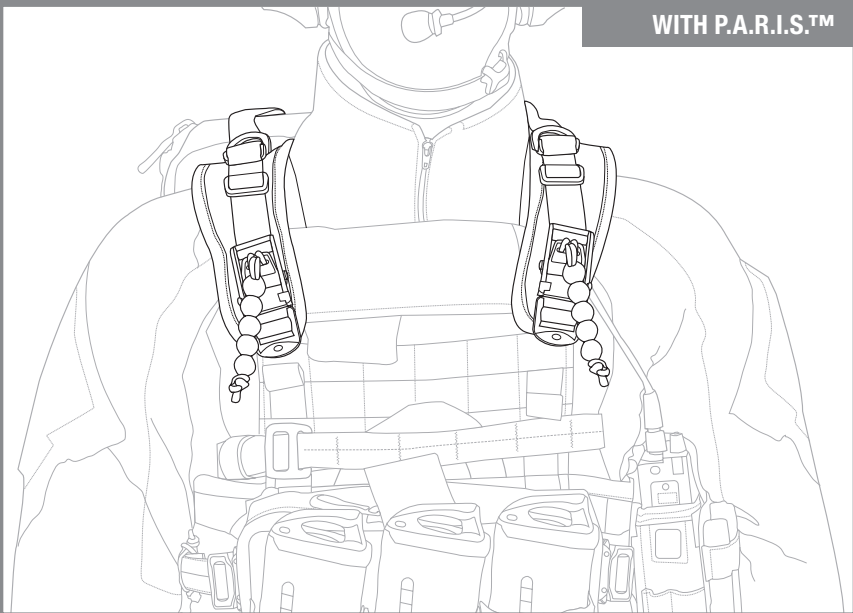
- [+] ***Restricting circulation to the arms;***
- [+] ***Restricting shoulder and arm range of motion;***
- [+] ***Affecting shooting stance;***
- [+] ***Affecting mobility, flexibility and agility; and***
- [+] ***Affecting long term comfort.***

The P.A.R.I.S.™ alleviates those issues. It is a retrofit to the CTOMS 2ndLine Pack with the new MQRB Shoulder Straps. It is compatible with most MOLLE armour/plate carriers and integrates with minimal effect on mounted pouches and equipment.

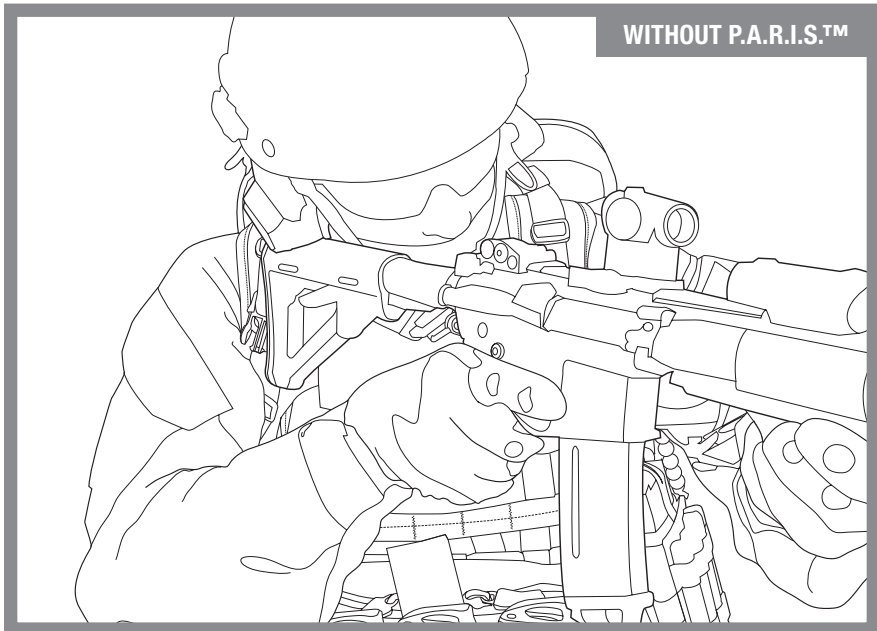
WITHOUT P.A.R.I.S.™



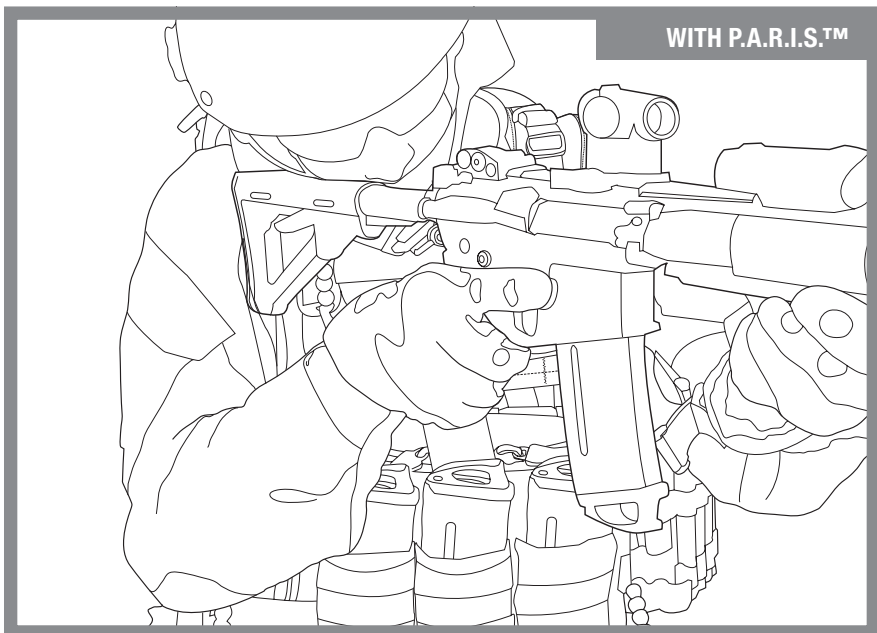
WITH P.A.R.I.S.™



WITHOUT P.A.R.I.S.™



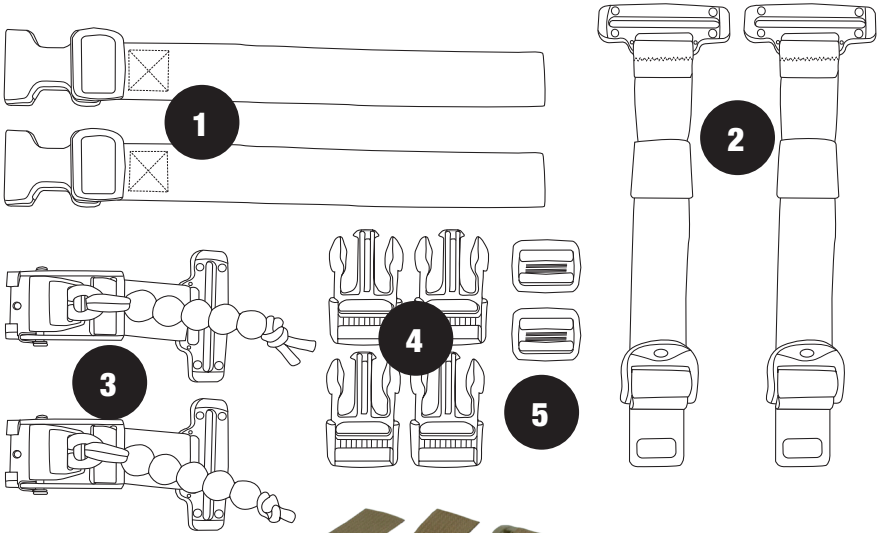
WITH P.A.R.I.S.™



**COMPONENT REFERENCE:**

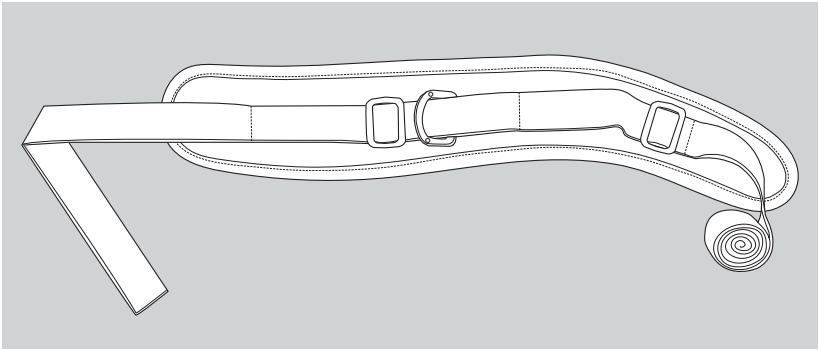
In the package:

- 1. 2 x Pack Attachment Straps
- 2. 2 x Armour Shoulder Straps
- 3. 2 x MQRB Assembly
- 4. 4 x Male Side Release Buckle
- 5. Tri-glide buckles



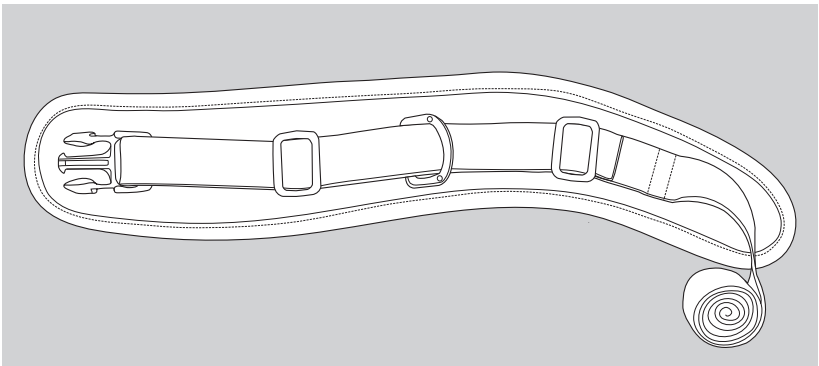
## SHOULDER STRAP RECONFIGURATION

1. Completely remove all components of the Sternum Strap if one is attached.
2. Remove Shoulder Straps from the 2ndLine Pack.
  - a. At the bottom, release the MQRB Buckle by pulling the Beaded Pull.
  - b. At the top, unthread the top straps from the Ladder Lock Buckle and Tri-glide.
3. Strip the shoulder strap of all non-permanent parts; buckles, elastic



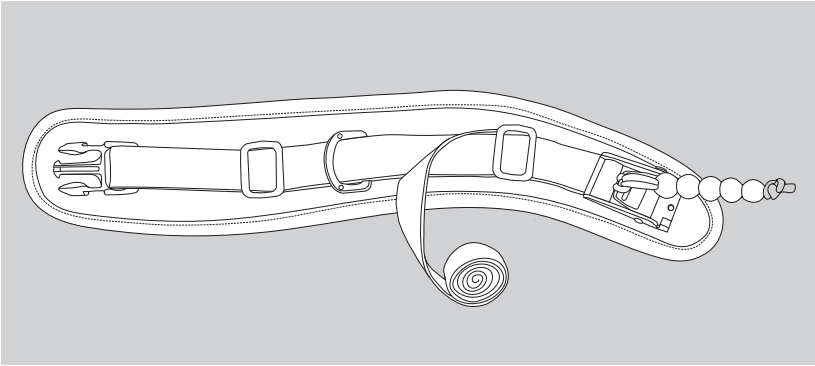
retainers etc. Move the top Tri-glide that cannot be removed as high up as possible until it is touching the stitching. Move the bottom Tri-glide to approximately  $\frac{1}{2}$ " above the bottom stitching.

4. At the top of the shoulder strap, thread a male Side release buckle on the webbing all the way to the stitching.
5. Thread the webbing through the Tri-glide, through the D-Ring, then the second Tri-glide.

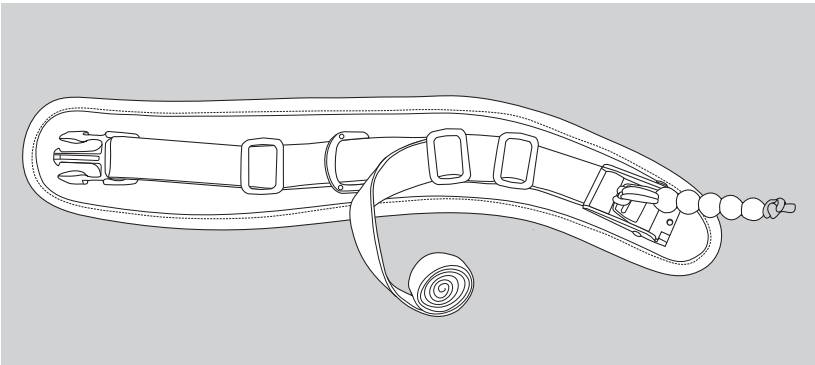




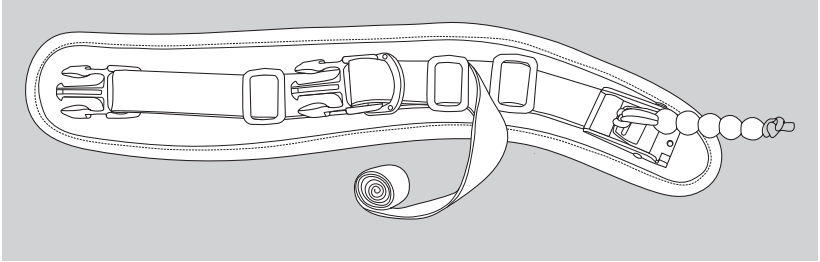
6. Thread the MQRB onto the bottom webbing up to the stitching.
7. Thread the webbing through the bottom Tri-glide.



8. Thread the free Tri-glide onto the webbing.

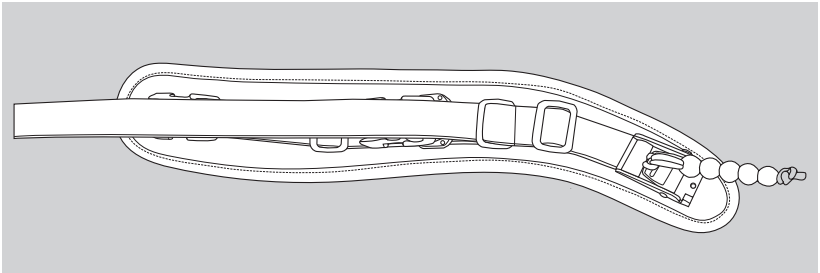


9. Thread the webbing through the D-Ring, around a male Side Release buckle, back through the D-Ring and then thread the webbing through the Tri-glide. About 1 to 1.5 inches of webbing should be measured between the Tri-Glide and the Male Side Release buckle.

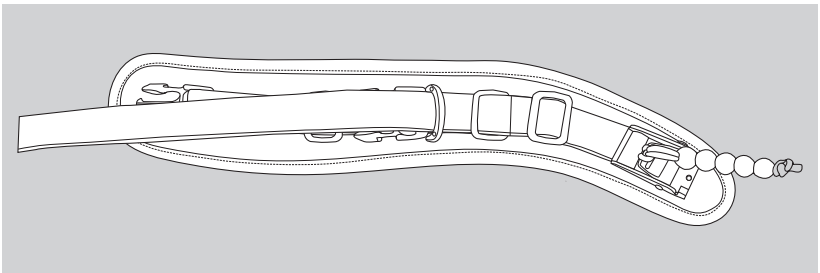


It is important to ensure the spacing of the end of the male Side Release Buckle is just touching or slightly overlapping the top Tri-glide Buckle at its tip.

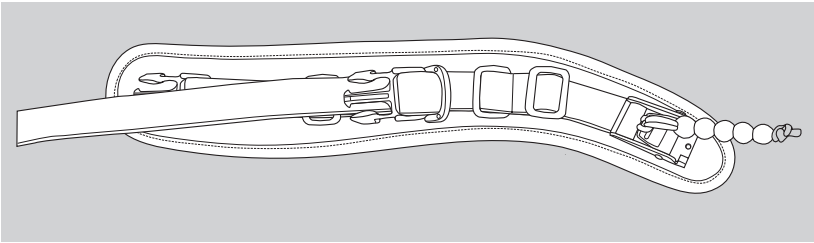
10. Thread the webbing back through the same Tri-glide creating a locking bite.



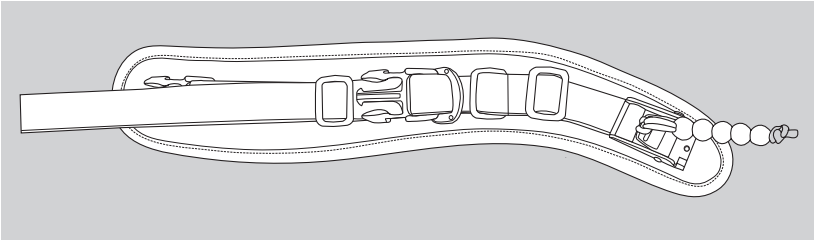
11. Thread the webbing through the D-Ring.



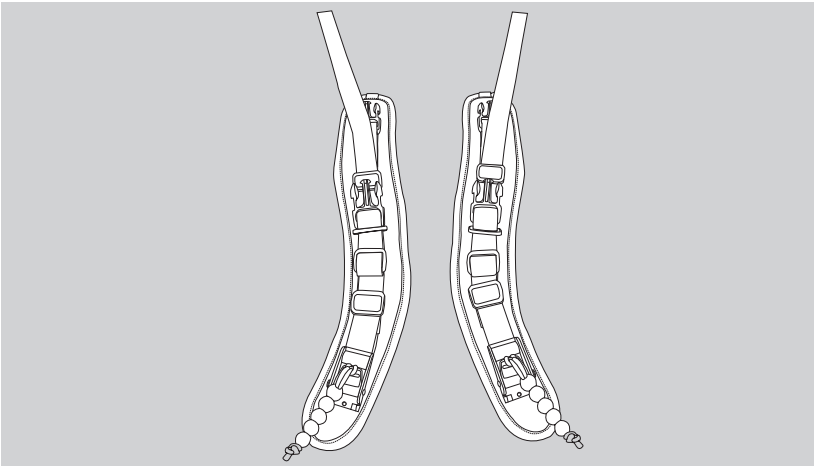
12. Thread the webbing through the slot in the male Side Release Buckle.



13. Thread the webbing through the top Tri-glide.

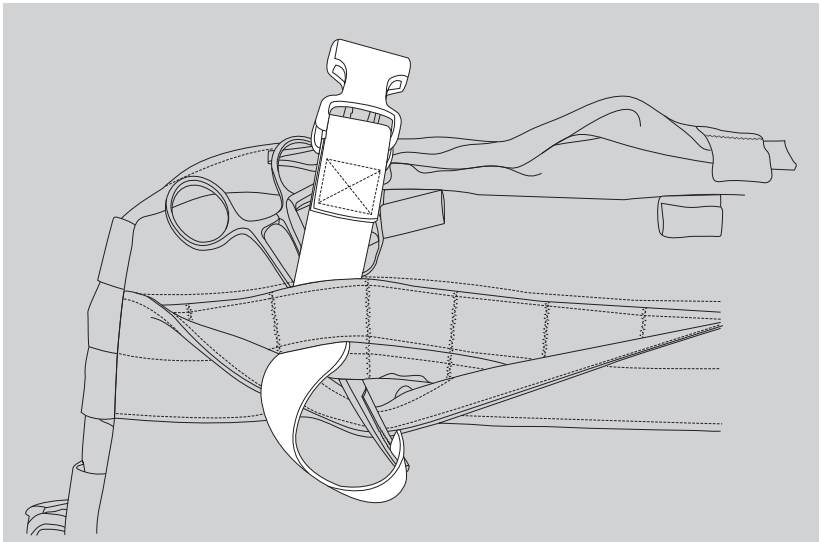


14. Repeat the same procedure for the second shoulder strap. Ensure buckle spacing is similar on both shoulder straps, especially the middle male Side Release Buckle, to ensure a symmetrical fit of the pack when worn.

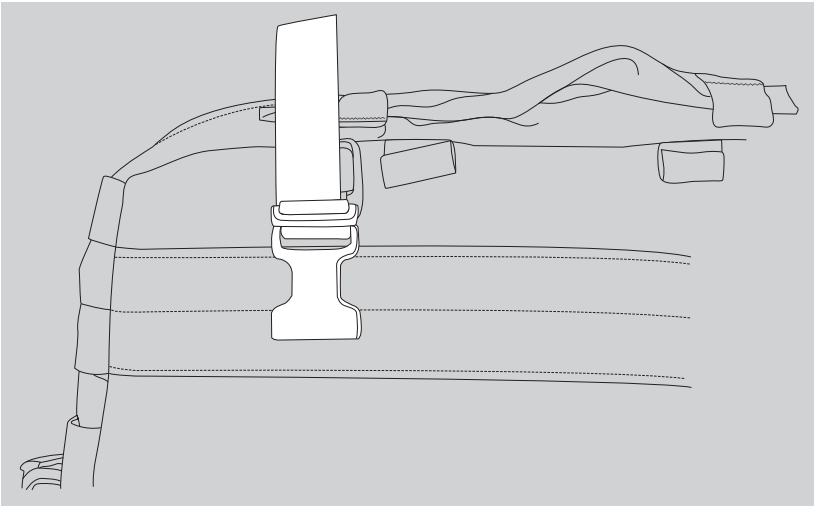


## PACK ATTACHMENT CONFIGURATION

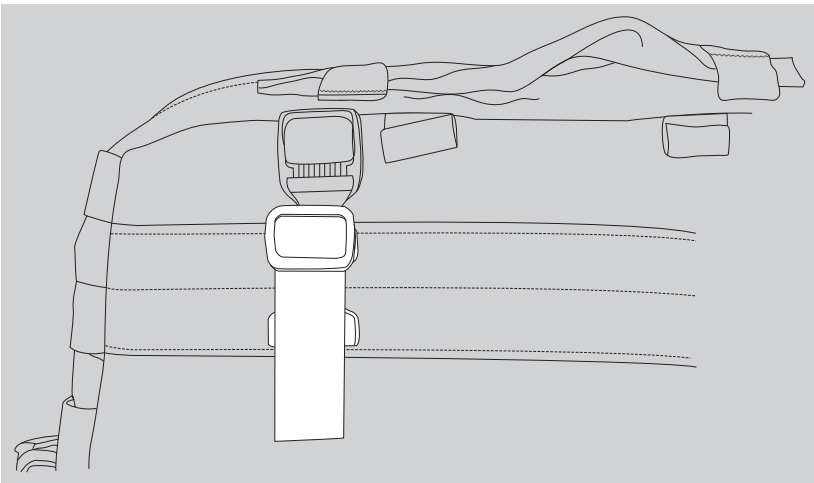
1. Decide what width you prefer to set the shoulder straps. It is recommended to set them at the wider (not widest) setting when using the P.A.R.I.S.™. The wide configuration is pictured in this instruction. If required, move the top Split-bar Ladder Lock Buckles to the appropriate setting.
2. Undo the Velcro flap and with the Tri-glide portion of the Pack Attachment Strap facing to the rear of the pack, thread the webbing:
  - a. Under the Velcro webbing.
  - b. Over, around and behind the anchor webbing (below the Velcro webbing).
  - c. Then behind the Velcro webbing. It will be very helpful to use a tool, such as a forcep if available.



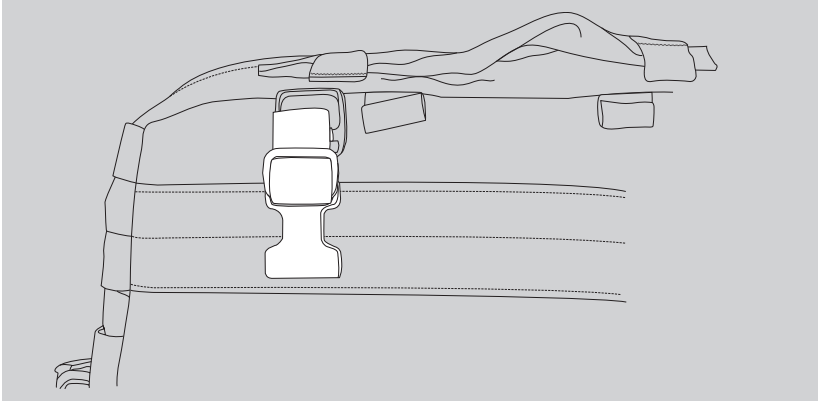
3. Pull the webbing tight, pulling the doubled over and box stitched webbing section under the Velcro webbing of the pack. Close the Velcro flap.



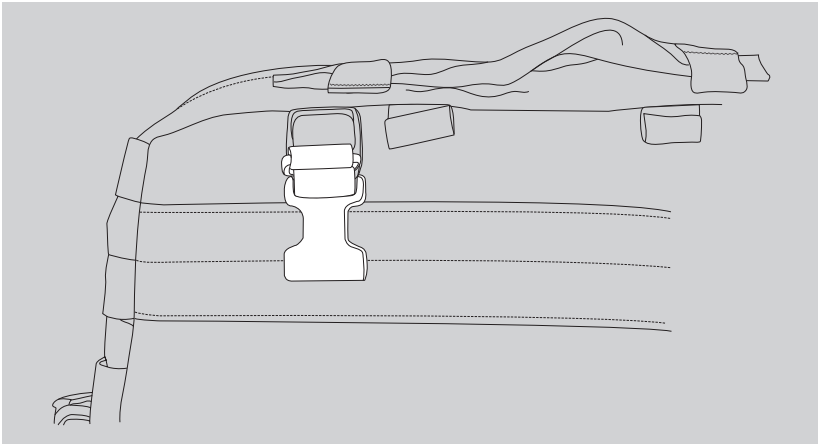
Thread the webbing through the Tri-glide.



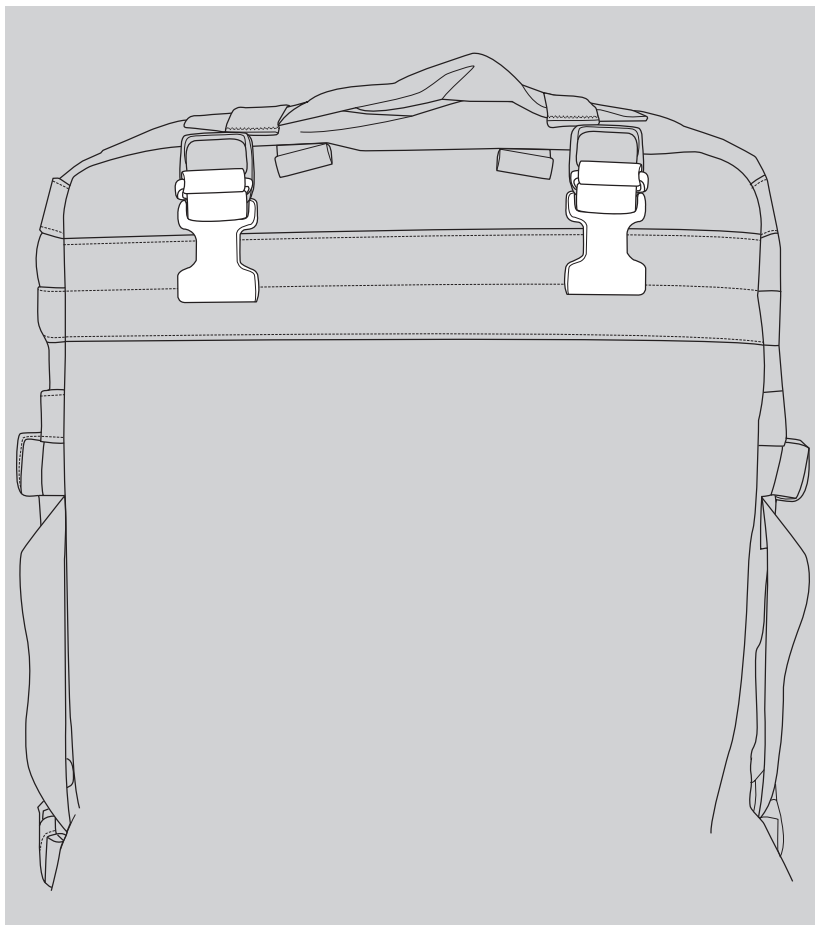
4. Thread the webbing back through the Tri-glide creating a locking bite.



5. Tuck the running end of the webbing into the slot behind the attachment.

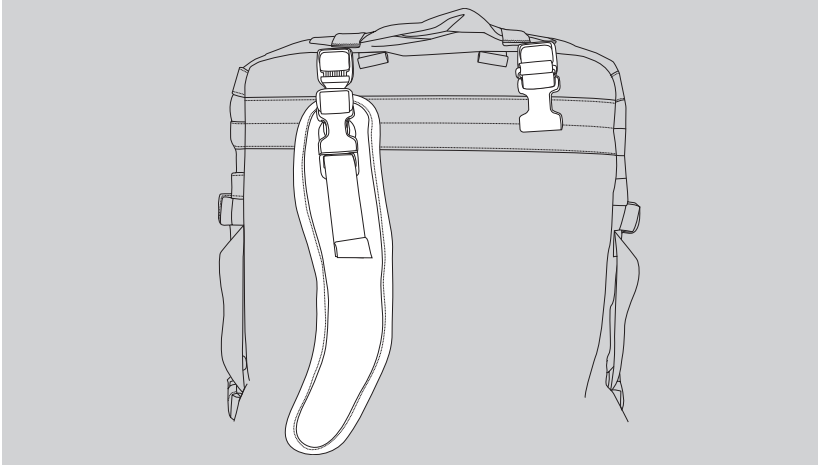


- Repeat this process for the second Pack Attachment Strap in a symmetrical position on the other side.

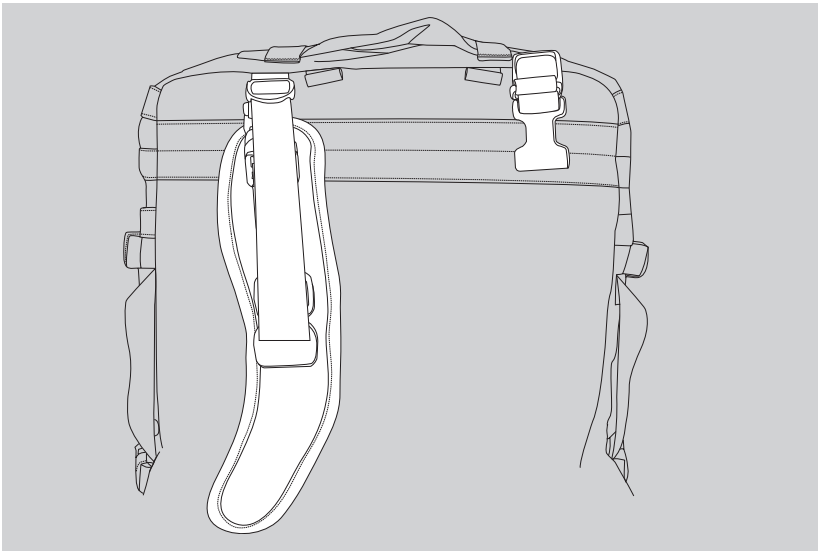


## SHOULDER STRAP ATTACHMENT (TRADITIONAL SHOULDER STRAP CONFIGURATION)

1. Ensure that the shoulder straps are being attached to the correct side of the pack. The bottom of the shoulder straps curve outward.
2. Insert the top male Side Release Buckle into the female Side Release Buckle of the Pack Attachment Strap.

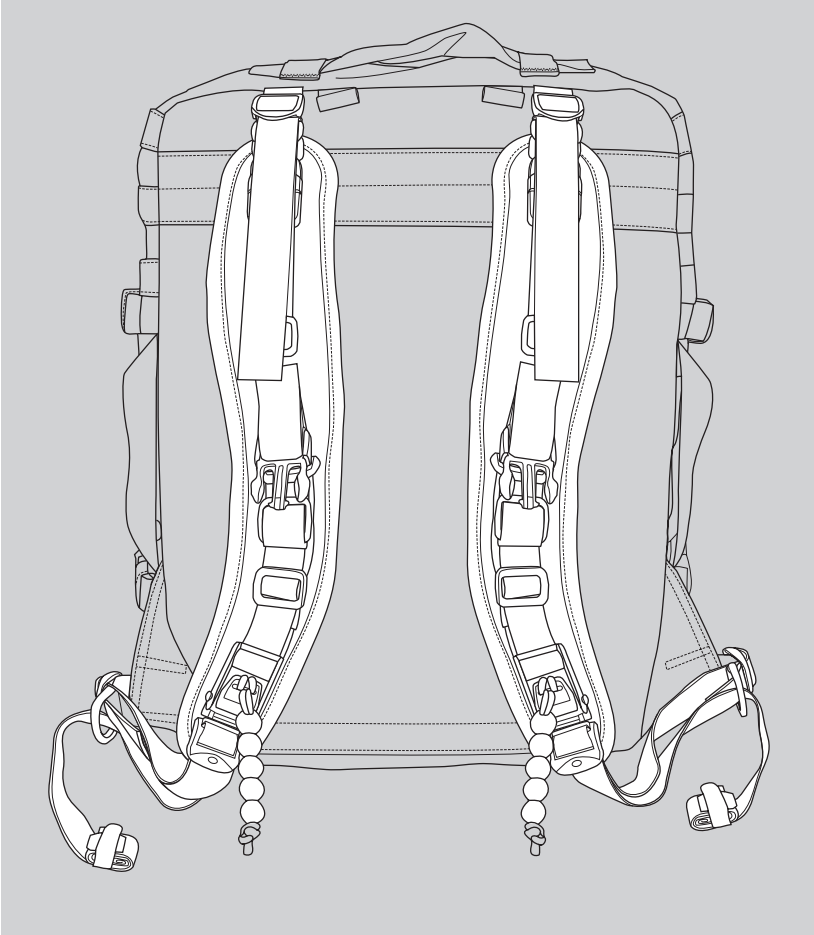


3. Thread the shoulder strap webbing through the Ladder Lock Buckle.





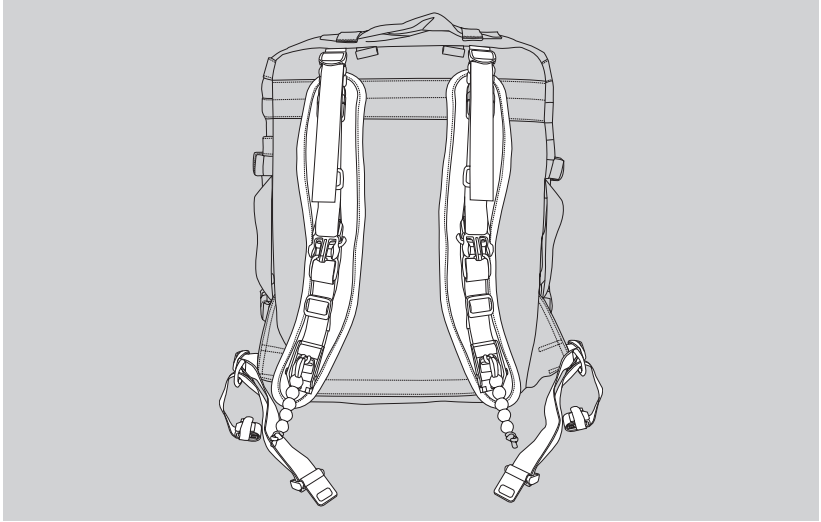
4. Repeat the process for the second Shoulder Strap. Attach the MQRB to the lower shoulder strap adjustment webbing on both sides.



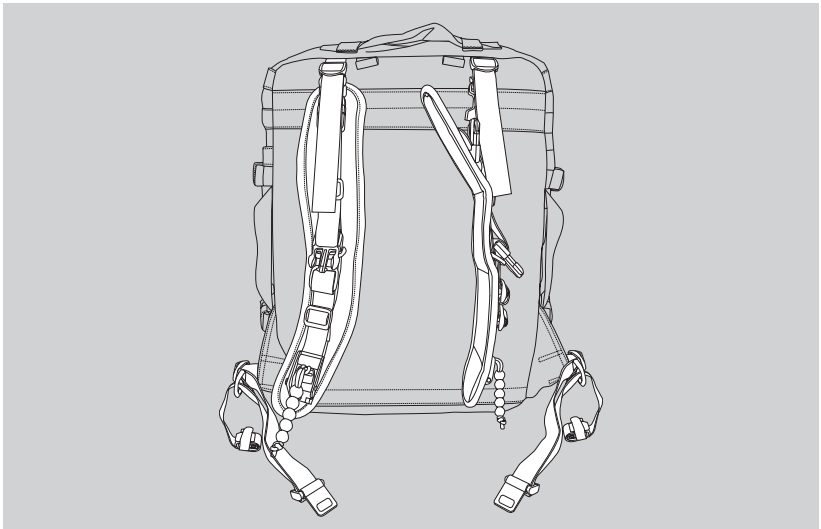
5. The pack can now be worn in the traditional manner.

## SHOULDER STRAP ATTACHMENT (PACK TO ARMOUR INTEGRATION CONFIGURATION FROM TRADITIONAL CONFIGURATION)

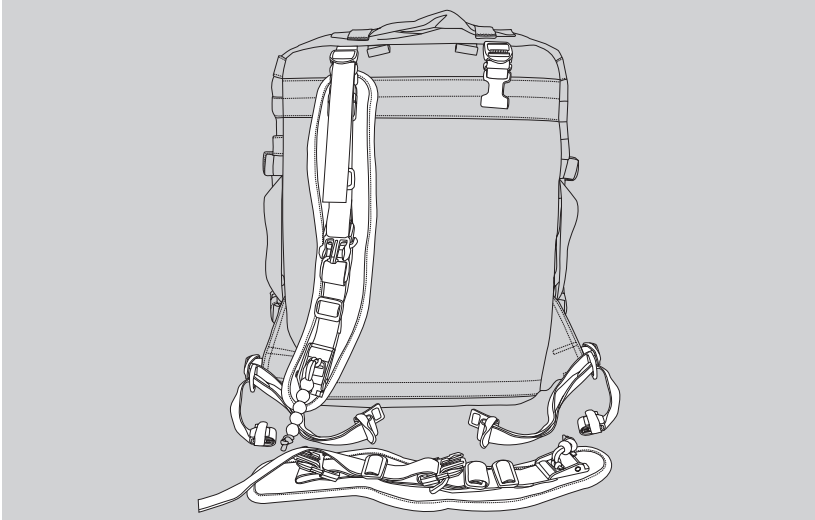
1. Release the MQRB Buckles by pulling the Beaded Pulls.



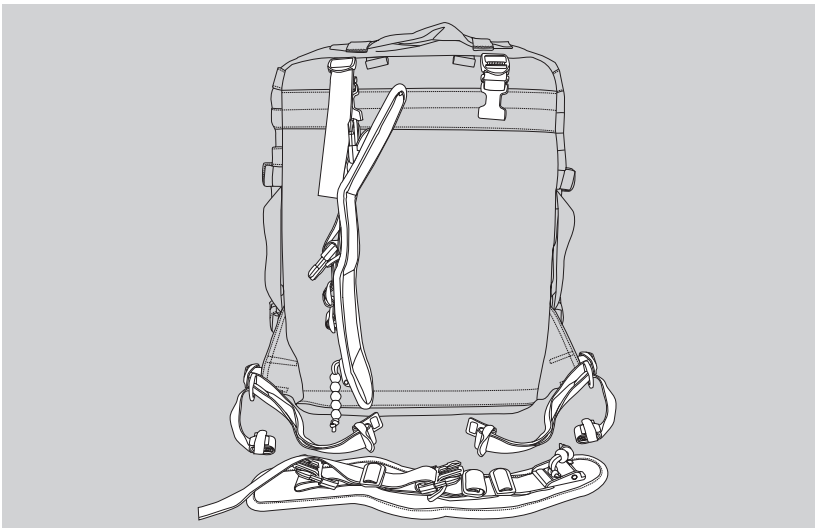
2. Release one Shoulder Strap top Side Release Buckle.



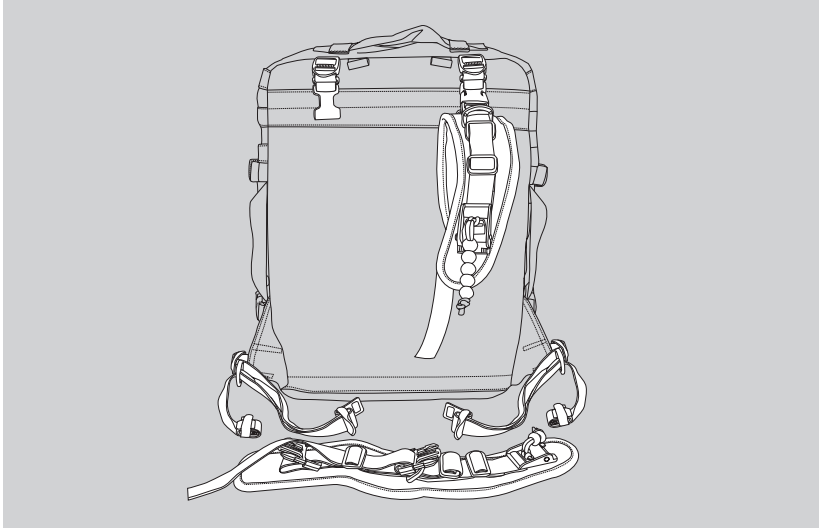
3. Unthread top Shoulder Strap webbing from the Ladder Lock Buckle.



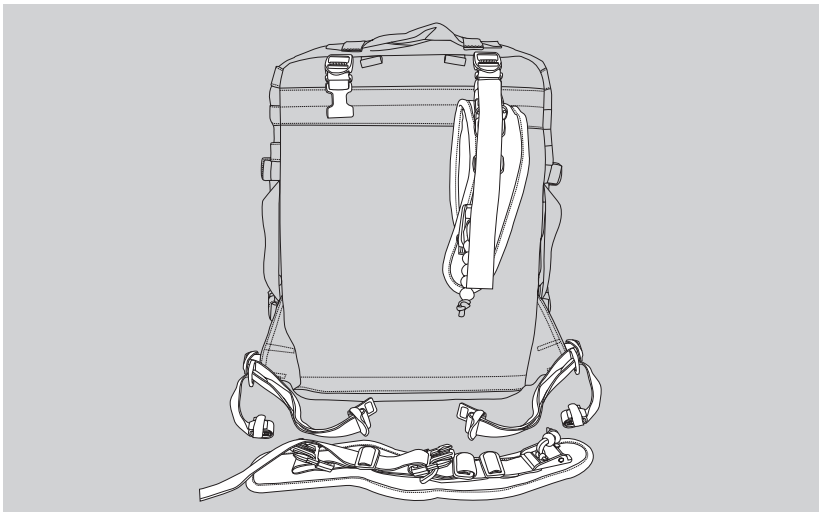
4. Release the other Shoulder Strap Side Release Buckle.



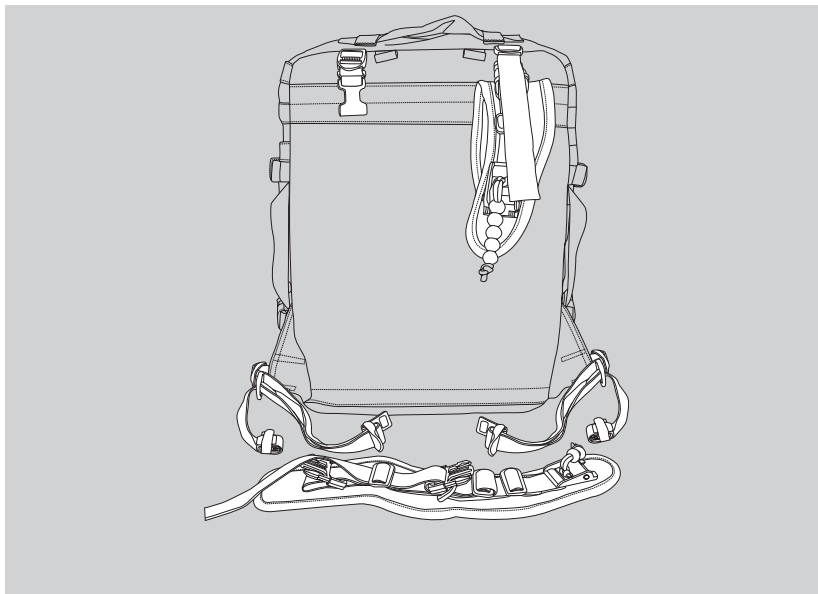
5. Unthread top Shoulder Strap webbing from the Ladder Lock Buckle then insert the CENTER male Side Release Buckle into the OPPOSITE side female Side Release Buckle on the Pack Attachment Strap.



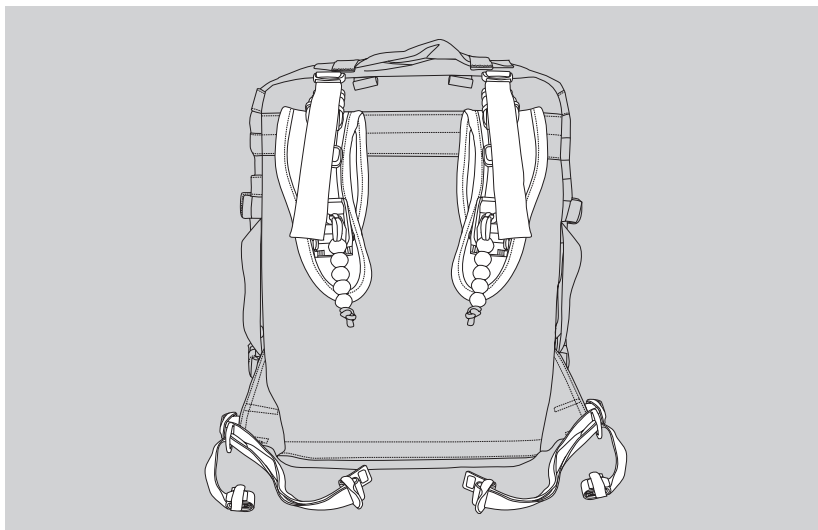
6. Thread the top Shoulder Strap webbing through the slot in the back of the Side Release Buckle.



7. Thread the webbing through the Ladder Lock Buckle and pull taught.



8. Repeat the process for the second Shoulder Strap.



## ARMOUR CARRIER CONFIGURATION

1. It is best to first strip pouches off the Armour Carrier however configuration can occur with pouches still attached. For ease of demonstration, all pouches have been removed from this Armour Carrier.



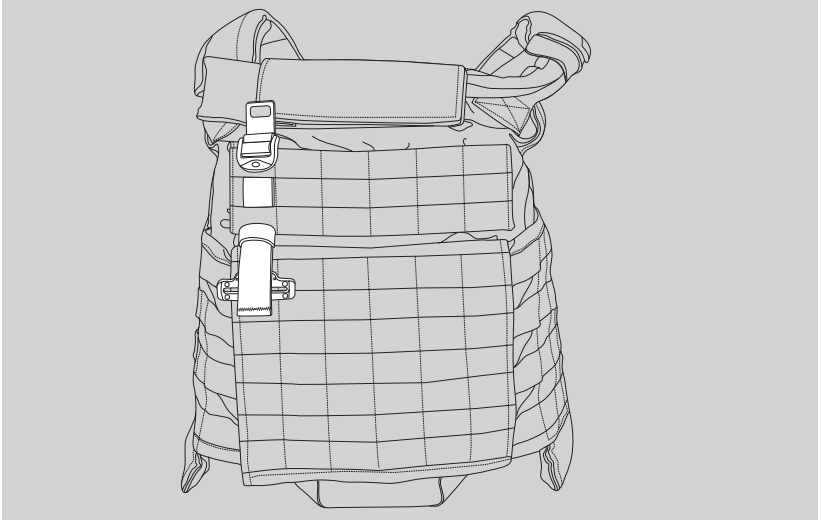
2. The P.A.R.I.S.<sup>™</sup> works on most MOLLE Armour Carriers. Some differences may exist between your Armour Carrier and the one pictured in these instructions. It may be necessary to amend these instructions in order for the system to integrate better with your system.
3. Strip the MQRB Ladder Lock and Elastic Retainer off the Armour Shoulder Strap if it is threaded on. Thread the Armour Shoulder Strap through the MOLLE on the front of the Armour Carrier directed upward. It is best to thread it through the MOLLE channel furthest to the outside of the plate. It may be threaded at any height (any row or MOLLE) and is best to be configured at the level of personal preference. You may thread the elastic retainer in between two MOLLE rows if you wish to fold and stow excess webbing. It is best to thread it as high as possible on the Armour Carrier.



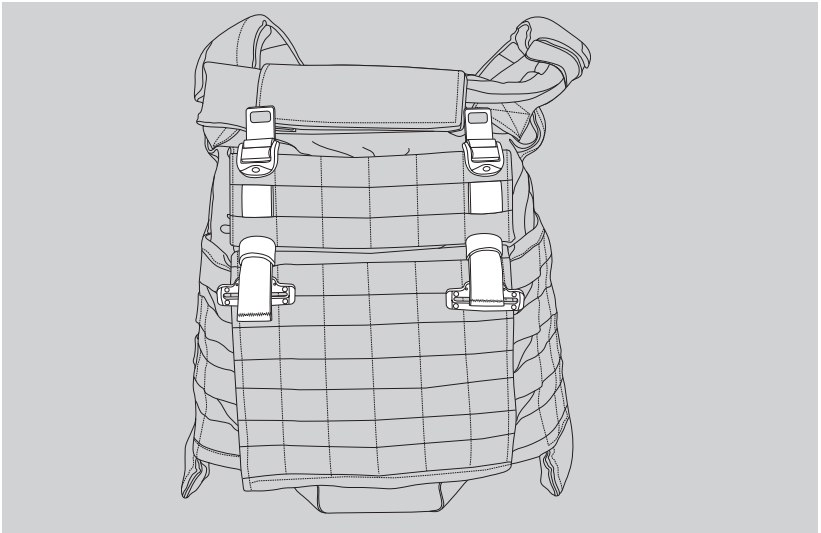
4. Thread the MQRB Ladder Lock onto the Armour Shoulder Strap webbing and tighten.



5. Thread the webbing back through the MOLLE channel. You can stow the excess webbing in the elastic keeper if desired.

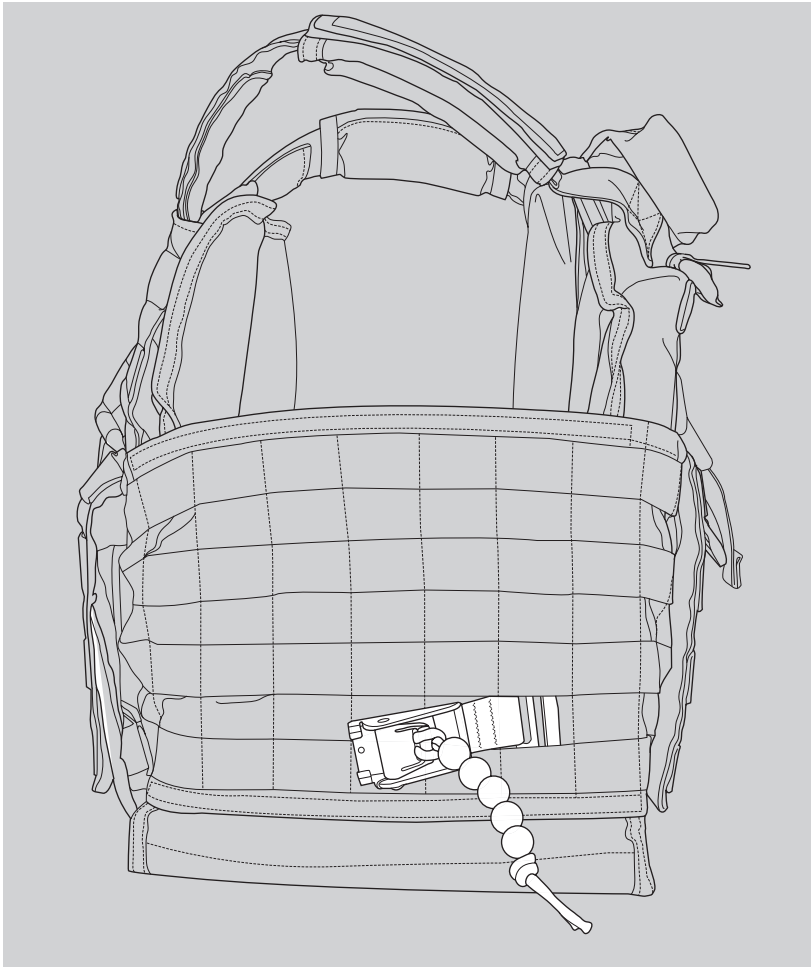


6. Repeat the process for the second Armour Shoulder Strap.



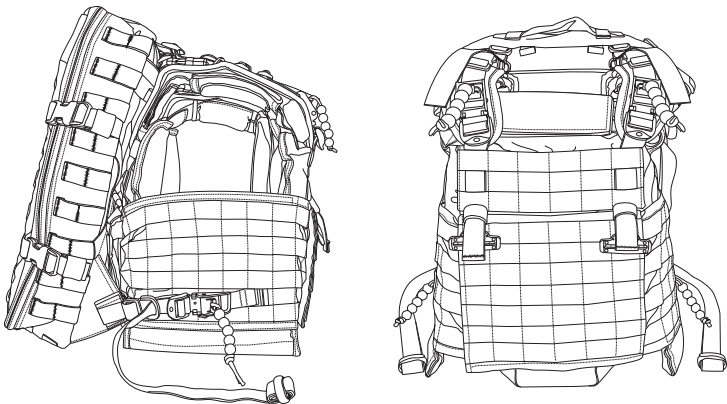


7. Pouches and equipment may now be placed over top of the Armour Shoulder Straps. It is best to keep the MQRB Buckles clear though.
8. Insert the side MQRB Assembly into MOLLE on both sides of the Armour Carrier. It is best if the placements are symmetrical, low and as far forward as possible. Keep in mind though, that the lower pack strap will run over any pouch or equipment between the MQRB Assembly and the Pack on the back.



## PACK TO ARMOUR INTEGRATION (DONNING THE PACK)

1. While the pack is configured in Armour to Pack Integration Configuration, grasp the Shoulder Straps and swing the pack over your head and onto your back. Ensure that there are no twists in the Shoulder Straps that run between your back and the pack and ensuring that they are not folded over. The best way to do this is while holding the pack by its straps over your shoulders, reach back and down as far as you can, then bring the pack into your back and drag it up into position. This should remove any folds in the straps and dress the shoulder straps off.
2. Lean forward to support the weight of the pack without it sliding down and secure the Shoulder MQRBs on each side. Pull on the beaded pull with one hand while inserting the other end into the buckle with the other hand. Release the beaded pull and ensure it seats securely to lock the buckle closed. You may now stand up however the pack will pull the Armour Carrier up to the neck. This will be solved in the next steps.
3. Secure the side MQRBs on each side. With practice, it is possible to accomplish this one handed.
4. Pull the side webbing running through the MQRB's as tight as is comfortable while shifting the load of the pack upwards. These side straps prevent the armor from riding upward while wearing a heavy pack.
5. The pack is now integrated with the Armour Carrier.
6. In an emergent donning situation, only one MQRB shoulder strap can be attached to support the pack.

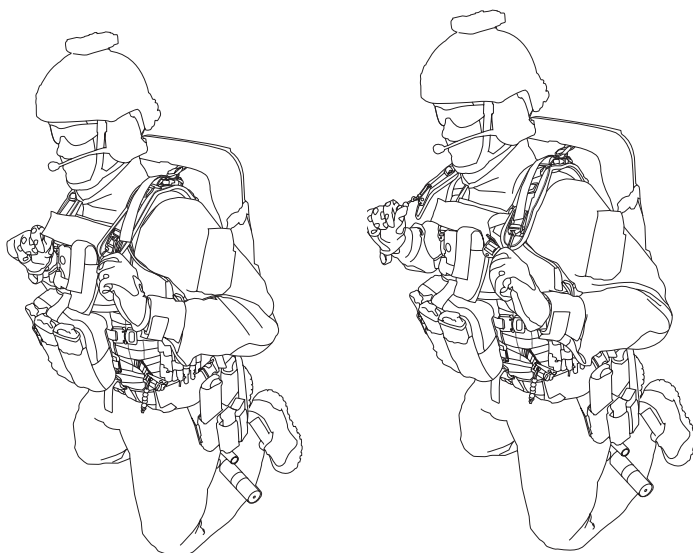


## PACK REMOVAL (DOFFING THE PACK)

1. Release the lower side MQRBs by grasping and pulling the beaded pulls on both sides.



2. Release the shoulder MQRBs by grasping and pulling the beaded pulls on both sides simultaneously. Maintain hold on the beads holding the weight of the pack.



3. Lower the pack to the ground under control.

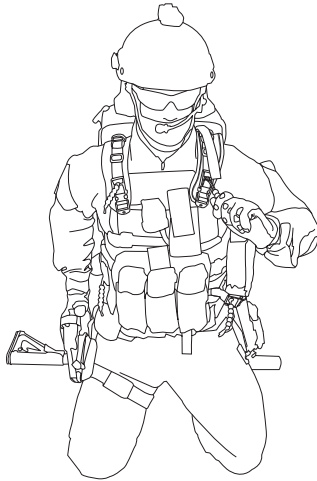


## **HALF PACK REMOVAL** (IF IMMEDIATE EMERGENT MOVEMENT IS ANTICIPATED)

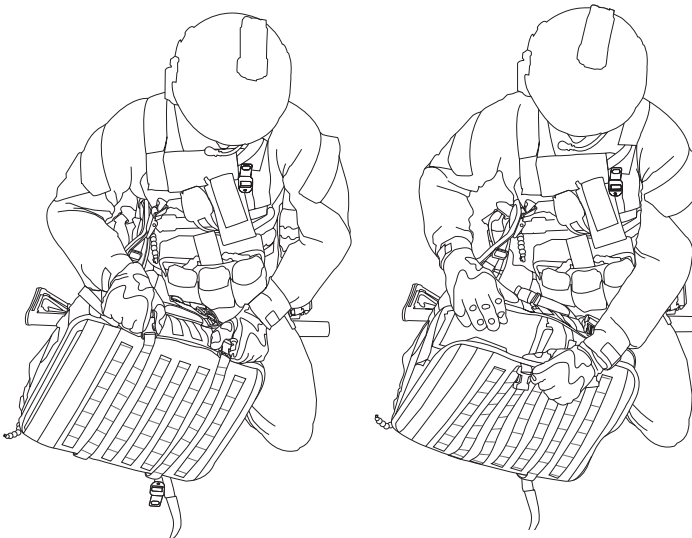
1. Release one lower side MQRB by grasping and pulling the beaded pull.



2. Release one shoulder MQRB on the same side by pulling and grasping the beaded pull.



3. The pack can then be rotated off the back and over the shoulder and contents accessed as necessary.



4. If required the pack can then be quickly slung back onto the back without doing up any buckles.





