



www.DiveRite.com

T3500 TransPlate XT Harness

Product Description

The TransPlate XT Harness is a hybrid harness designed for divers who want the support of a backpack-style harness for better weight-load distribution, yet wish to dive a hard metal backplate. Designed like a mountaineer's backpack, the TransPlate XT harness disperses weight across the hips and back, minimizing shoulder strain. When used with a 6-pound steel backplate, divers can remove or minimize weight pockets. Adjustable straps adapt to a wide variety of exposure suits and means easy donning and doffing. The modular design allows for customization with a wide variety of pockets and accessories. Available in sizes M to XXL. Made in the U.S.A.



Harness Contents

- 1 – 2" shoulder strap webbing with grommet (2 protective sleeves installed)
 - * 75" (190cm) length
- 2 – 2" waist webbing (1 protective sleeve, 1 stainless steel loop on each)
 - * 35" (89cm) length
- 2 – Shoulder pad
- 2 – 1.5" lower shoulder strap assembly with quick release buckle and stainless steel side plate
- 2 – Shoulder transition plate
 - * Left side will have 1" chest strap webbing
 - * Right side will have chest strap buckle
- 1 – Floating Dive Rite epaulet
- 2 – 2" stainless steel bent D-ring on slide (Not included on size Medium)
- 2 – 2" stainless steel bent D-ring
- 2 – 2" stainless steel D-ring
- 4 – 2" stainless steel belt slide
- 1 – stainless steel belt buckle



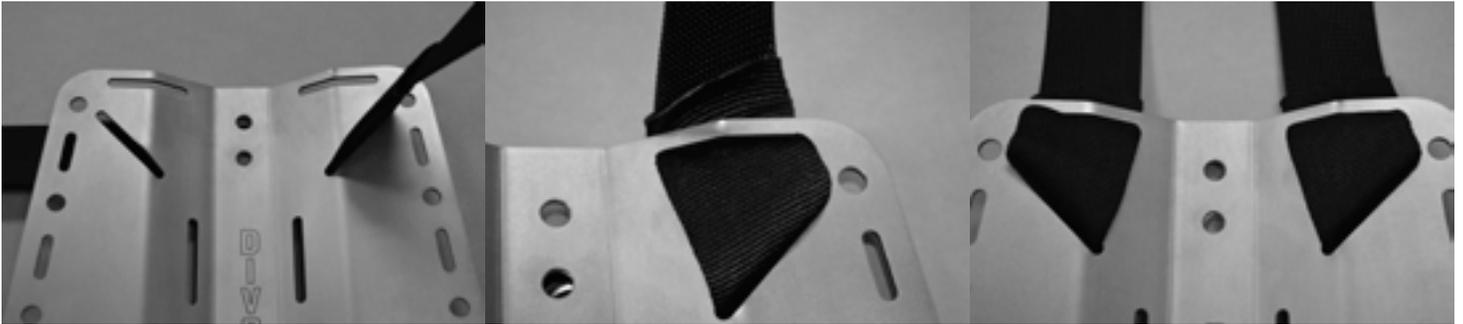


Attaching TransPlate XT Harness to a Hard Backplate

The TransPlate XT easily attaches to any hard backplate, such as stainless steel or aluminum. The shoulder straps and waist straps are threaded through the pre-cut slots on the backplate.

To attach the TransPlate XT shoulder straps to a hard backplate:

1. Weave the shoulder strap webbing (longest piece with grommet in center) thru the shoulder strap slots. First pass will be thru the slanted slot coming from the rear of the plate, then through the straight slot at the top of the plate. Make sure the protective sleeves slide thru the slots and are in contact with the backplate. These will protect the webbing from abrasion.



2. Align the grommet hole on the shoulder webbing with the bottom of the 2 holes on the center of the backplate



3. Slide the shoulder pads onto each shoulder strap so that the top of the shoulder pad (indicated by size tab) is 1" (2.5cm) away from the backplate. Weave the shoulder webbing thru the first webbing loop on the shoulder pad.





T3500 TransPlate XT Harness

www.DiveRite.com

4. With the shoulder pad spaced 1" (2.5cm) away from the backplate, install one 2" stainless steel belt slide (raised center facing up) so that it is touching the top webbing loop on the shoulder pad. This will hold the shoulder pad in position.



5. On the left hand shoulder, install the floating Dive Rite epaulet.
NOTE: This is a floating epaulet and is not intended to be in a fixed position on the shoulder assembly.



6. Install bent D-ring on stainless slide to shoulder webbing. This should be positioned so it sits just above the lower webbing loop on the shoulder pad. After D-ring is installed, pass webbing through lower webbing loop.
NOTE: Due to space limitations, size Medium does NOT include this part.



7. Weave shoulder strap webbing thru first slot of transition plate only, making sure the transition plate lines up with the rounded bottom of the shoulder pad.

NOTE: Transition plate for the left shoulder will have the 1" webbing for the chest strap. Transition plate for the right shoulder will have the buckle for the chest strap.

NOTE: To install transition plate: Weave webbing from the underside of the transition plate up thru the first slot.



8. Install bent stainless D-ring (no belt slide) between shoulder strap webbing and first two slots on the transition plate. With D-ring secured between shoulder strap webbing and transition plate, continue to weave the shoulder strap webbing up thru the third slot, and then down thru the fourth slot.



9. After weaving shoulder strap webbing thru the fourth slot of the transition plate, tuck the webbing so that it is stowed between the shoulder strap webbing assembly and the shoulder pad.

NOTE: Tucking webbing between shoulder strap and shoulder pad allows for easy addition and removal of shoulder D-rings.

NOTE: Be sure all fitting to the diver has been confirmed before trimming away excess webbing.





www.DiveRite.com

T3500 TransPlate XT Harness

10. Repeat process for right shoulder assembly.
NOTE: Right shoulder does not contain epaulet.

11. Install chest strap.



To attach the TransPlate XT waist straps to a hard backplate:

1. Install left side waist webbing. Facing the inside of the backplate, weave open end of webbing thru the inner slot. Be sure protective sleeves are in place between webbing and backplate to protect against abrasion. The folded portion of the webbing should be facing the outside of the backplate.



2. Weave the waist webbing thru the outer slot of the backplate with protective sleeve between waist webbing and backplate slot.
3. Weave waist webbing thru the 2" stainless steel loop sewn in the waist webbing, and pull tight.





www.DiveRite.com

T3500 TransPlate XT Harness

4. Install side plate (lower portion of shoulder assembly) on to the waist webbing so that the taller side of the sideplate is facing the backplate.

NOTE: At this point confirm that the pull tab on the shoulder adjustment is facing out (away from the diver).

NOTE: Sideplates should be positioned to be lined up directly below the armpits when assembly is complete



5. Install 2" belt slide and 2" stainless steel D-ring in desired location on waist webbing.

NOTE: If using the Transplate Harness with a 1" or 1.5" crotch strap, install the crotch strap loop at this point on the Left side waist webbing.



6. Attach stainless steel buckle to left side waist webbing by weaving webbing thru buckle slots.



7. Repeat steps 1-5 for right side waist webbing assembly.

Your Dive Rite TransPlate XT harness is now fully assembled. Reference our TransPac XT fitting video for tips on how to achieve the optimal fit of your new harness.



www.DiveRite.com

T3500 TransPlate XT Harness

To adjust the TransPlate XT Harness:

To achieve the optimal fit on your TransPlate Harness, the shoulder pads should terminate at the nipple line on men and just above the bust line on women. The shoulder pads should form a 90 degree angle with the chest strap. The following steps are how to achieve this fit.

1. Loosen the shoulder and cross-chest straps.
2. Put on the TransPlate and fasten the waist strap so that it is comfortable.
3. To start, slide the shoulder-strap base plates (on the waist-strap) so that they are approximately four inches from the back-plate. You may have to move them farther forward depending on your size. Note: The plates should never be placed forward of your hipbones.
4. Fasten the cross-chest strap so that the shoulder straps are parallel on your chest, but do not tighten it.
5. Partially tighten the shoulder straps.
6. Partially tighten the cross-chest strap.
7. Repeat steps 5 and 6 until you achieve the most comfortable fit.
8. If installed, fasten the optional crotch-strap. Tighten the crotch-strap until it fits securely.
9. Rock gently from side to side to make sure the harness fits tightly and is secure.
10. Fully inflate the BC wings to ensure it does not restrict your breathing or movement

Caution: Properly fitted, the TransPlate should not restrict your breathing when the BC wings are fully inflated.



www.DiveRite.com

T3500 TransPlate XT Harness

Care and Maintenance:

With proper care and service, your TransPlate XT can provide you years of safe, enjoyable use. Without proper care, your TransPlate XT can become damaged and be either unserviceable or dangerous to use.

Note: Stainless steel can develop rust even when properly cared for.

General maintenance procedures

- The sun's ultraviolet rays can fade and damage the TransPlate, shortening its life. Store the TransPlate away from sunlight and excessive heat.
- Keep sharp objects from coming in contact with the TransPlate
- Take care when handling the TransPlate. Do not rest heavy objects on the TransPlate or drag it over rough surfaces
- Due to the type of material used in the construction of the TransPlate, clean it only with fresh water and mild detergent. Chemicals, strong detergents, and cleaning solutions can damage the TransPlate and shorten its life.
- Have the TransPlate inspected yearly by your local, authorized Dive Rite dealer
- Avoid excessive pool use. Excessive use in chlorinated water can lead to premature discoloration and shorten the products life.
- Rinse the TransPlate thoroughly after each use and allow it to dry completely before storing. Dive Rite recommends Salt-X for salt removal (www.salt-x.com)



www.DiveRite.com

T3500 TransPlate XT Harness

WARNINGS:

Before using your TransPlate, there are several things you must do. These include:

- Obtain a minimum of entry-level open-water scuba diver training and certification from a recognized diver-training organization.
- As part of this training, you must master all the basic skills of buoyancy control, including proper weighting, ascents, descents, surface swimming and resting, and establishing neutral buoyancy under water. This training must also cover (both at the surface and underwater) the use of buoyancy control devices (BCs), oral inflation of BCs, low-pressure inflation of BCs, and deflation of BCs using a variety of methods.
- You must read and understand this owner's manual and all other warnings that accompany the product. If you do not understand some part of this manual, contact Dive Rite or your local authorized Dive Rite dealer.
- Misuse of the TransPlate can result in uncontrolled ascents, descents, or loss of buoyancy control. This, in turn, can cause serious personal injury or death.
- Failure to follow the instructions given in this manual or to heed the warnings it provides can cause equipment loss or damage, serious personal injury, or death.
- The TransPlate is NOT a United States Coast Guard approved personal flotation device (PFD). It will not provide face-up flotation for all users and conditions.
- The TransPlate is not a substitute for adequate swimming and scuba diving skills.
- The TransPlate is not a lift bag. Attempting to use it as such places a diver at extreme risk for a dangerous, uncontrolled ascent.
- The TransPlate should not be used as the sole form of flotation; divers should have additional forms of flotation, such as wetsuits or dry suits, to provide buoyancy in case they need to abandon the TransPlate or it malfunctions.
- Changes to the TransPlate or use of after-market accessories can prevent its proper function or result in damage to the TransPlate. This can cause serious personal injury or death.
- If you wear a weight belt with the TransPlate and are using the optional crotchstrap, remember to fasten the crotchstrap first and then put the weight belt on over it. Failure to do so may hinder your ability to release the weight belt in an emergency.



www.DiveRite.com

T3500 TransPlate XT Harness

Warranty Information:

Dive Rite will—at its sole discretion—repair or replace TransPlate components proved to be damaged by faulty manufacture or material, at no cost, for a period of up to one year (365 days) from the date of purchase.

This warranty applies only to the original retail purchaser. It does not cover commercial or rental use, nor does it extend to units purchased from other than an authorized Dive Rite dealer.

This warranty specifically excludes color changes, light fastness, or fading. Dive Rite does not accept responsibility for stains or transference or bleeding of color to other items.

If we deem a TransPlate component to be beyond repair — through no fault of the user — then, and only then, will we replace the affected component(s).

To make a claim under this warranty, the owner must have registered his/her warranty using Dive Rite's website (www.diverite.com). All warranty repairs (international or domestic) must be accompanied by a copy of the purchase receipt. For warranty repairs (international or domestic) the product must be returned to the store where the item was purchased or directly to Dive Rite. A Return Authorization must be obtained by calling Dive Rite corporate offices (386-752-1087) to send items to Dive Rite. No warranty service will be performed for other than registered owners. **Note:** Local dealers and distributors are not responsible for service of items purchased from unauthorized dealers, internet dealers, or dealers from other territories.

This warranty becomes void if the TransPlate system components are damaged by anything other than normal recreational diving use, or if they have been serviced or repaired by other than authorized Dive Rite dealers.

Repairs made under this warranty will not extend the warranty period.

All further claims, especially for damage after diving accidents, are excluded from coverage under this warranty.

Dive Rite has no obligation to honor any extension of this warranty.

This warranty is in lieu of all other warranties, expressed or implied. No other person or representative is authorized to assume for Dive Rite any other liability in connection with the sale of this product.

Activating and utilizing your warranty

1. To activate your warranty, you must register your TransPlate within 30 days of purchase through our online product warranty registration. This is located within our website at www.diverite.com/warranty.
2. Proof of original ownership is provided by your purchase receipt and should be retained for your records.
3. If you intend to receive your service directly from Dive Rite, you must first obtain a Return Merchandise Authorization (RMA) number by calling Dive Rite at 386-752-1087. Your RMA number is to be printed on the address label of your package.