



T4000 TravelPac System T5000 VoyagerPac System

PRODUCT DESCRIPTION

The TravelPac and VoyagerPac are lightweight travel systems designed for value and convenience, combining the popular TransPac harness and the Travel EXP or Voyager EXP wing into one unit, and perfectly suited for travel and warm-water, single-tank recreational diving. The donut-style wings provide 27-lbs (12kg/120N) of lift in the Travel EXP and 40-lbs (20kg/178N) of lift in the Voyager EXP, with an even volume of inflation on top, sides and bottom, improving buoyancy control and a more efficient, horizontal trim. TravelPac: 5-lbs 13-oz (2.6kg/27N), VoyagerPac: 6-lbs 2-oz (2.8kg/28N). Made in U.S.A.



Hardware is streamlined with one epaulet on the left shoulder, 2 standard shoulder pivots, 2 bent chest D-rings, 2 waist D-rings and one 36-inch cam-strap with a stainless-steel buckle. The sideplates are narrow and give more room on the waist belt for accessories. Included is a chest strap, one-piece waist-belt with a stainless steel belt-buckle and 1.5-inch crotch-strap. Dive Rite's 16-lb QR Quick-Buckle Weight Pockets are available as an optional accessory.

CE information

The PPE (Personal Protection Equipment) mentioned in this manual was tested and certified according to 89/686/EEC Directive, for a maximum depth of 50 meters (150 feet) by ITALCERT, Viale Sarca 336, 20126 Milano-Italy, Notified Body No. 0426. The device is in compliance with the EN250:2000+A1:2006 (PPE of category III in accordance with 89/686/EEC Directive) and EN1809:1997 (PPE of category II in accordance with 89/686/EEC Directive) and it is not a lifejacket; it does not guarantee a head-up position of the wearer on the surface. The TransPac Harness system must be used in conjunction with one of Dive Rite's buoyancy compensator wings.

CE0426 is the conformity marking according to 89/686/EEC Directive. The number 0426 identifies the Notified Body ITALCERT for the controls on the product according to Article 11A of the 89/686/EEC Directive (only for PPEs of III category).

SIZING SPECIFICATIONS

The TravelPac/VoyagerPac is available in size XS through XXL, as well as a "tall" variation in sizes L-XXL. The harness size is located on the inside of the shoulder pad, near the top. The size denotes the shoulder strap and backplate length. To ensure proper shoulder strap length, measure from a point at the top of your shoulder to a point at your waist that is immediately below your shoulder, as shown in the diagram to the right.

The extra small (XS) and small (S) TravelPac/VoyagerPac has a backplate that is 2.0 inches (5.0 cm) shorter than the standard size TravelPac/VoyagerPac harness. These are the preferred sizes for anyone whose back-of-neck to waist measurement is less than 17.0 inches (43 cm) (typically children or very petite women). Sizes large (L), extra large (XL) and extra extra large (XXL) are available in a Tall size that has a backplate that is 2.0 inches (5.0 cm) longer than those of the standard harness. The Tall is preferred for anyone whose back-of-neck to waist measurement is 24 inches (61.0 cm) or more (typically divers who are over 6 feet (182 cm) in height or are very long-waisted





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Size Chart

Size	Shoulder to Waist Length**	Torso Length	Waist Size	Weight	Height
XS	13 - 16 inches (33 - 41 cm)	Short	24 - 34 inches (60 - 86 cm)	<90lbs (<40kg)	<5 ft (150cm)
S	14 - 17.5 inches (35 - 45 cm)	Short	24 - 34 inches (60 - 86 cm)	90 to 110lbs (40 to 50kg)	<5 ft (150cm)
M	15 - 18 inches (38 - 46 cm)	Standard	32 - 42 inches (81 - 110cm)	110 to 150lbs (50 to 68kg)	5 - 6 feet (150 - 180 cm)
L	17 - 22 inches (43 - 56 cm)	Standard	32 - 42 inches (81 - 110 cm)	150 to 200 lbs (70 to 90kg)	5 - 6 feet (150 - 180 cm)
L/Tall	24+ inches (61 cm+)	Long	32 - 42 inches (81 - 110cm)	150 to 200 lbs (70 to 90kg)	>6ft (182 cm)
XL	18.5 - 23.5 inches (47 - 60 cm)	Standard	32 - 42 inches (81 - 110 cm)	180 to 220lbs (82 to 100kg)	5 - 6 feet (150 - 180 cm)
XL/Tall	24+ inches (61 cm+)	Long	32 - 42 inches (81 - 110 cm)	180 to 220lbs (82 to 100kg)	>6ft (182 cm)
XXL	22.5+ inches (57 cm+)	Standard	42+ inches (110 cm+)	220lbs + (100kg+)	5 - 6 feet (150 - 180 cm)
XXL/Tall	24+ inches (61 cm+)	Long	42+ inches (110 cm+)	220lbs + (100kg+)	>6ft (182 cm)

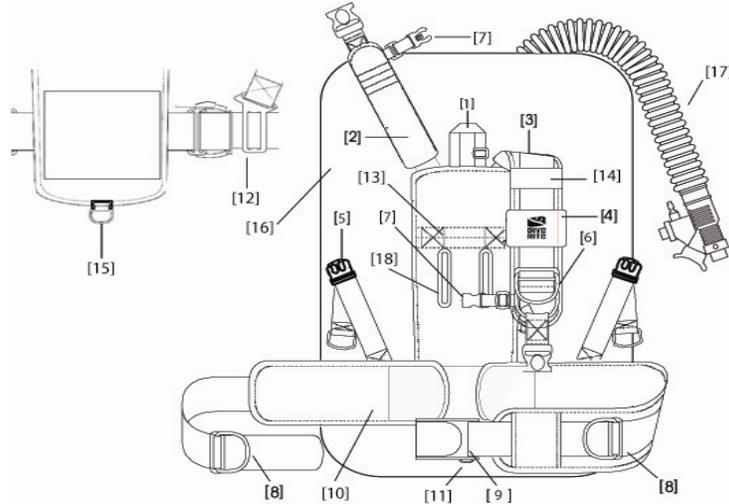
** To ensure proper shoulder strap length, measure from a point at the top of your shoulder to a point at your waist that is immediately below your shoulder.

The hip-pad provides padding at the waist and comes as one standard size on XS-XL TravelPac/VoyagerPac Harnesses and a larger size for the XXL TravelPac/VoyagerPac harness.

Any combination of shoulder, backplate or hip-pad lengths can be special ordered to design a custom-sized TravelPac/VoyagerPac, if desired.

FEATURES AND FUNCTIONS

The TravelPac and VoyagerPac have many features. Each feature is detailed below with its position on the TravelPac/VoyagerPac and the function it performs.



- [1] Tank adjustment strap: Used to maintain the TravelPac/VoyagerPac height adjustment on a cylinder.
- [2] Padded shoulder-straps: Provides the comfortable secure fit.
- [3] Shoulder-strap attachment point: Enables adding or removing D-rings from the shoulder strap.
- [4] Floating, self-closing "epaulet" on the left side: Used to keep inflation hoses secured and under control.
- [5] Shoulder strap adjustment and quick-release buckles: Used to make sizing adjustments and quickly undo the shoulder-straps.
- [6] Two-inch (50 mm) shoulder D-rings: One D-ring on each shoulder strap is bent at a slight angle for better access and can be adjusted for height.
- [7] Cross-chest strap: Used to adjust the TravelPac/VoyagerPac for proper comfort and fit.
- [8] Two-inch (50 mm) waist-strap D-rings: One D-ring on each side of the waist-strap is adjustable to any position on the waist-strap.
- [9] Waist-strap and Buckle: Two-inch (50 mm) waist-strap webbing with a stainless quick-release buckle. The waist-strap design enables easy mounting of pockets and other accessories.
- [10] Hip-Pad (2-pieces): Padded for comfort and to help transfer cylinder weight to the hips. Each piece of the Hip-Pad is attached with a plastic belt-slide to the back-plate.



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- [11] Crotch strap attachment D-ring: D-ring for attaching the 1.5-inch crotch strap. Other crotch-strap widths can also be accommodated.
- [12] Shoulder strap base plates: Stainless plates allow for easy adjustment of the shoulder straps. The plates can be moved back and forth on the webbing strap to get the best fit and performance.
- [13] Backplate pad attachment Velcro (two pieces): Used to attach the back pad to the back plate.
- [14] Shoulder strap retaining band: Holds the shoulder webbing strap in place on the shoulder pad.
- [15] Backplate pad attachment ring: Attaches the back pad to the back plate using the Velcro strap at the bottom of the back pad.
- [16] BC Wing: The wing is in a compact donut-shape, and the inner bag is replaceable in the event of a tear or abrasion.
- [17] Inflator: Used to inflate and deflate the wing. The low-pressure inflator hose connects to the inflator. The mouthpiece is used to manually inflate the BC and when dumping air from the BC.
- [18] Cam-strap mounting slots: Used to attach a two-inch (50 mm) cam strap so the TravelPac/VoyagerPac can be used with single cylinders.
- [not shown] Back pad: Lumbar and back support pad provides comfort and a better fit.

Adjusting the TravelPac/VoyagerPac

A snug, secure fit is extremely important, which is a chief benefit of the TravelPac/VoyagerPac system. Adjusting the TravelPac/VoyagerPac to fit properly is essential.

To adjust the TravelPac/VoyagerPac:

1. Loosen the shoulder and cross-chest straps.
2. Put on the TravelPac/VoyagerPac and fasten the waist-strap so that it is comfortable.
3. To begin, 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. Fasten the 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 TravelPac/VoyagerPac wing to ensure it does not restrict your breathing or movement.



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Caution: Properly fitted, the TravelPac/VoyagerPac should not restrict your breathing when the BC wing is fully inflated.

Sizing the TravelPac/VoyagerPac Shoulder-Straps

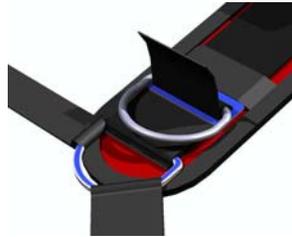
The TravelPac/VoyagerPac shoulder-straps can be adjusted in size if they do not fit as comfortably as you would like.

To size the shoulder straps:

1. Undo the cross-chest strap and the shoulder-straps where they buckle to the lower portion of the shoulder-straps.
2. Unweave the top piece of shoulder-strap webbing through the weight-stop at the top of the shoulder-strap.



3. Continue unweaving the webbing strap through the epaulet (left side only) and lower D-ring.



4. Adjust the shoulder-strap webbing through the D-ring where the cross-chest strap and lower portion of the shoulder-strap attach until it is the right length for the size you need. You will be pulling the webbing strap through the D-ring to shorten the shoulder straps or you will be feeding the webbing strap back through the D-ring to loosen the shoulder straps.



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5. Weave the shoulder-strap webbing back through the lower D-rings and weight stops, through the epaulet, through the top weight stop on the shoulder-strap and then through the shoulder-pad retainers.

Attaching the TravelPac/VoyagerPac

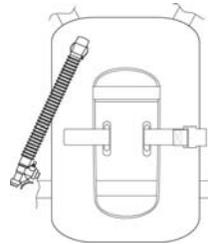
The TravelPac/VoyagerPac is easily attached to a single cylinder using the standard stainless steel cam-band and buckle provided. The cam-band attaches to the backside of the TravelPac/VoyagerPac and can be easily removed for cleaning or transport.

Attaching the TravelPac/VoyagerPac to a cylinder:

1. Completely open the cam-strap by sliding the webbing out of the cam-buckle.
2. Thoroughly soak the cam-strap in water and allow it to stretch.

WARNING: Failure to soak the cam-strap in water and allowing it to stretch may result in the band loosening during use, resulting in the possible shifting of or loss of the cylinder in or out of the water. This can cause serious personal injury or death.

3. Slide the cam-strap through the slots in the back of the TravelPac/VoyagerPac and out through the wing's center webbing slots.



4. Rethread the webbing back through the cam buckle.
5. Slide the cam strap (now attached to the TravelPac/VoyagerPac) over your dive cylinder.

6. Hook the tank-height adjustment strap over the cylinder valve and position the system to the desired height. See "Adjusting the Tank Height Adjustment Strap" for information on adjusting the strap length. See the diagram to the right.



7. Adjust the cam strap until it snaps tightly around the cylinder.
8. Once the TravelPac/VoyagerPac is attached to a single cylinder, pick up the unit by the harness shoulder straps and shake it up and down. Make sure that the tank is fastened securely and that the band is tight enough to prevent it from coming undone accidentally. If the cam strap is not tight enough, tighten it and perform the shake test again.

WARNING: Before each use, check the TravelPac/VoyagerPac cam-band, straps, quick-disconnect clips, and the hip-pad/waist strap for wear. Have an authorized



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repair facility replace worn or damaged items before use. Failure to replace worn or damaged tank buckles and bands could lead to loss of cylinders or of the TravelPac/VoyagerPac assembly itself. This could lead to serious personal injury or death.

Adjusting the Tank-Height Adjustment Strap

The tank-height adjustment strap hooks over the cylinder valve and is used to maintain a consistent height position each time you attach the TravelPac/VoyagerPac system on a cylinder. The strap can also be used as a handle to carry the TravelPac/VoyagerPac system when it is not attached to a cylinder.

The tank-height adjustment strap fastens and adjusts using a belt slide. You need to experiment with the adjustment strap until the height is right for you.

Note: When the tank height adjustment strap is adjusted correctly, you should be able to reach back and turn on/off your cylinder's tank valve.

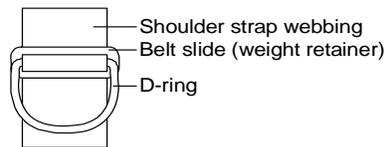
Adding and Removing D-rings on the Shoulder Straps

To add or remove D-rings from TravelPac/VoyagerPac shoulder-straps, you need to thread and unthread the 2.0-inch (50 mm) shoulder-strap webbing through the stainless belt-slide (weight retainer) found near the top of the TransPac where the shoulder straps connect to the back plate.

Note: It is recommended that you only add or remove D-rings from one shoulder strap at a time. This way, you can refer to the other shoulder-strap if you have difficulty in routing the webbing strap correctly.

To Add or Remove D-Rings:

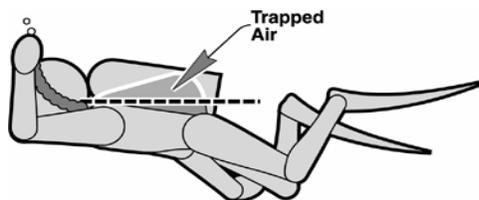
1. Pass the loose end of the shoulder webbing strap through the shoulder-strap retaining band (on the shoulder pad) and then the stainless-steel belt-slide (weight-retainer) at the top of the TravelPac/VoyagerPac.
2. Pass the loose end of the webbing-strap through the epaulet (left side only), and through the belt-slide holding the D-ring in place. Only unweave the belt-slides if you want to remove the D-ring.
3. Remove or add D-rings to the shoulder-strap as desired. Make sure you weave the webbing-strap through the belt-slide so that the D-ring is held in place. See diagram below.



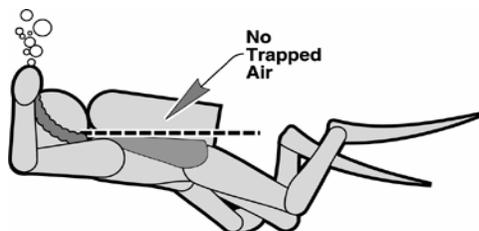
4. Once the D-rings are in place, route the webbing-strap back through the epaulet and the belt-slide.
5. Weave the shoulder-strap back through the shoulder-strap retaining band at the top of the shoulder strap.

Eliminating BC tank wrap

Before using any back-inflation style BC with single cylinders, there are some things you should be aware of. The figure below shows the tendency back-inflation style BCs have when used in conjunction with single cylinders. Air inside the wing causes the BC to wrap around the tank. This traps air above the level of the BC hose elbow when the diver is in a normal swimming position, which may interfere with venting air (deflating) the BC.



The figure below shows the benefit of eliminating tank BC wrap. The entire BC is now below the level of the BC hose elbow, allowing the diver to vent air (deflate) the BC either by using the remote exhaust valve in the hose elbow or by holding the end of the hose up and depressing the oral inflation/manual deflation button.





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CARE AND MAINTENANCE

With proper care and service, your TravelPac/VoyagerPac system can provide you with years of safe, enjoyable use. Without proper care, your TravelPac/VoyagerPac system 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 TravelPac/VoyagerPac, shortening its life. Store the TravelPac/VoyagerPac away from sunlight and excessive heat. Although the TravelPac/VoyagerPac is designed for use in water as cold as 28 F (-2 C) and as warm as 104 F (40 C), Dive Rite recommends storing the TravelPac/VoyagerPac between 0 and 104 F (-18 to 40 C).
- Keep sharp objects from coming in contact with the TravelPac/VoyagerPac.
- Take care when handling the TravelPac/VoyagerPac. Do not rest heavy objects on the BC or drag it over rough surfaces.
- Periodically lubricate the low-pressure inflator hose coupling and quick-disconnect plug with silicone lubricant.
- Due to the type of material used in the construction of the TravelPac/VoyagerPac, clean it only with fresh water and mild detergent. Chemicals, strong detergents, and cleaning solutions can damage the TravelPac/VoyagerPac and shorten its life.
- Have the TravelPac/VoyagerPac 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 TravelPac/VoyagerPac thoroughly after each use and allow it to dry completely before storing. Dive Rite recommends Salt-X for salt removal (www.salt-x.com).

WARNING: Do not disconnect the large-diameter inflation hose elbow/remote exhaust from the BC body. Detachment and re-attachment of this component should only be attempted by a qualified technician working under the supervision of an authorized Dive Rite dealer or distributor. Attempts to remove and/or replace this component without the necessary training and tools may result in permanent damage to the inflation hose assembly or BC.



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Note: The greatest threat to the BC's long life is the presence of contaminants inside the BC. Salt water, when it evaporates, leaves behind razor-sharp crystals that can easily puncture BC fabric. Other substances can cause the inside surfaces of the BC to permanently stick to one another. To prevent this from happening, follow these steps:

1. Drain any water that may have collected in the BC during the dive. To do so, partially inflate the BC and then turn it over so that the hose elbow is at the lowest point. Depress the oral inflator/manual deflator button while squeezing gently on the BC. Continue to do so until all of the water is out.
2. Refill the BC with fresh water until it is approximately one-quarter full. Inflate the BC the rest of the way with air.
3. Turn the BC over and over, so that the fresh water has the opportunity to rinse all of the BC's interior surfaces.
4. Repeat step 1 to drain the fresh water from the BC.
5. Repeat steps 2, 3, and 4 one or two more times.
6. Rinse the exterior of the BC by immersing it in a tub or fresh water or spraying it gently with a hose.
7. Inflate the BC until it is nearly full and let it stand for 30 minutes. After 30 minutes, check the BC for loss of air.
8. Lay the BC out flat or hang it upside down for several hours to allow it to dry thoroughly.
9. Store the BC partially inflated in a dry, dark place.



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WARNINGS

Before using your TravelPac/VoyagerPac, there are several things you must do and be aware of. 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 TravelPac/VoyagerPac 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 TravelPac/VoyagerPac is NOT a United States Coast Guard approved personal flotation device (PFD). It will not provide face-up flotation for all users and conditions.
- These wings are only to be used with standard air or enriched air nitrox with an oxygen concentration not to exceed 50%. Use with a greater concentration of oxygen may create a fire hazard and expose the user to risk of serious injury. For safety reasons, it is strictly forbidden to change from air to nitrox and vice versa unless the buoyancy compensator has been inspected and properly cleaned by competent personnel. Remember that the depth and the duration of the dive are strictly dependant by the percentage of oxygen in the breathing gas.
- In case of contamination with oil, the wing must be inspected and cleaned by competent personnel.
- Always open the cylinder valve slowly, especially when using nitrox.
- These wings must be used with compressed air compliant with the standard EN 12021.



Inflation and Deflation Warnings

- When using a remote exhaust pull-dump, DO NOT continue to pull if air is not coming out. Adjust your body position so that the exhaust valve is at the highest point and then LIGHTLY pull down on the exhaust again. Do not yank on the exhaust as doing so could cause damage to the BC.
- Do not attach the low-pressure inflator hose to a high-pressure air source, such as the HP (high pressure) port of a regulator. The BC's low-pressure inflator and its supply hose can only handle pressures of approximately 150 pounds per square inch (10 bar) over ambient pressure.

Note: Read your regulator manufacturer's instructions concerning the proper connection of low- and high-pressure hoses. Installing or changing hoses should only be done by trained technicians working for factory-authorized dive centers. Product damage can result from improper hose connection.

- Always inflate the BC slowly, both at the surface and underwater. Rapid inflation underwater can result in uncontrolled ascents. Uncontrolled ascents can cause serious lung overpressure injuries, such as Arterial Gas Embolism (AGE). Serious overpressure injuries can result in death.
- Maintaining a safe rate of ascent requires training and practice. The BCs' overpressure relief valve does not control or prevent uncontrolled ascents.
- These instructions do not incorporate all of the steps required to orally inflate the BC above or below the water. Oral inflation of BCs underwater requires special training and practice. This should first be attempted under controlled conditions and under the supervision of a certified instructor.
- Never breathe from the BC's oral inflator/manual deflator mouthpiece. The BC may contain contamination or gas residue that may be hazardous if inhaled.
- Use of the oral inflator/manual deflator or overpressure relief valve for deflation may allow water to enter the BC. Repeated deflation of the BC under water may allow enough water to enter the BC to substantially reduce the BC's lift capacity (buoyancy) or interfere with its ability to allow the user to control buoyancy.

Note: If you have questions regarding any of the information you find in this manual or — equally important — questions pertaining to information about the TravelPac/VoyagerPac you cannot find in this manual, contact your local authorized Dive Rite dealer. If there is no authorized Dive Rite dealer in your area, contact Dive Rite directly, using the contact information appearing in this manual.



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WARRANTY INFORMATION

The Dive Rite TravelPac/VoyagerPac carries a limited lifetime warranty. Dive Rite will — at its sole discretion — repair or replace a TravelPac/VoyagerPac proved to be damaged by faulty manufacture or material, at no cost, for the lifetime of the TravelPac/VoyagerPac.

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 TravelPac/VoyagerPac 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 TravelPac/VoyagerPac 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 TravelPac/VoyagerPac within 30 days of purchase through our online product warranty registration. This is located within our website at www.diverite.com.
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.