



# WELCOME & CONGRATULATIONS ON YOUR PURCHASE!

To help you get the most out of your paddling experience, please take some time to read over this owner's manual and familiarize yourself with the many features and benefits of owning a Delta Kayak.

At Delta Kayaks we are not only accomplished manufacturers, but also passionate paddlers. We have combined our extensive kayaking experience with innovative designs and the most advanced materials and methods to create some of the finest thermoformed kayaks available. Our focus on detail is evident in both our kayaks' appearance and performance, and we are confident that you will enjoy your Delta Kayak for many years to come.

12s.



## REGISTERING YOUR KAYAK

It's time to register your new Delta Kayak as you have **30 days** to register from your date of purchase. To activate your 3-year limited warranty, please visit the registration center on our website at the following address:

www.deltakayaks.com/owners-centre. Fill out the necessary information, and you will receive a confirmation email once the activation is complete.

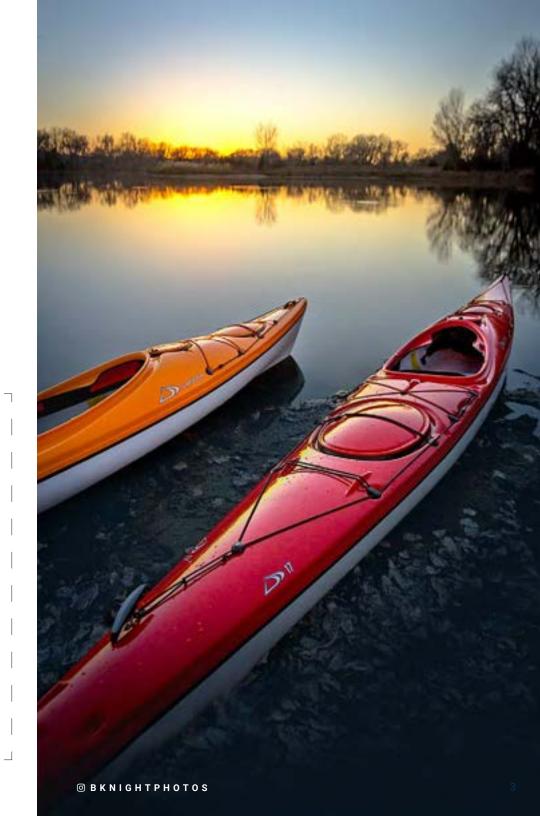
Delta Kayaks LTD. provides a limited 3-year warranty against material and manufacturing defects to the original registered owner. Find out more details on our warranty further in this document or on our website at

www.deltakayaks.com/owners-centre and click on the warranty tab.

## IMPORTANT INFORMATION ABOUT YOUR DELTA KAYAK

riease iiii tiiis out foi your records and to	o neip with your online registration.						
Dealer name where purchased:							
Province/State:	Date of Purchase:						
Model:	Rudder: Skeg:						
Colour:	-						
Serial #:	(12 alphanumeric digits IE:YGD12500A616)						
Delta Customer Care: 1-877-888-6544 or info@deltakayaks.com							

PRINT





## THE DELTA DIFFERENCE

Delta makes choosing the right kayak easy. As avid paddlers, we know that fit, comfort and performance are vital to experiencing the best that kayaking has to offer.

- The shape and designs of our kayaks are created using the latest computer modeling and analysis software and years of paddling and manufacturing experience, ensuring that each kayak performs at an optimal level for its intended use in varying conditions.
- All Delta Kayaks feature an extended waterline and pronounced keel to aid in tracking and afford each model with appropriate stability for their intended purpose and target paddler demographic.
- Optimizing your fit and comfort is quick and easy with our multi-position Contour II seat system, adjustable SeaDog™ foot braces and integrated padded thigh braces.
- Deck fittings and bungee lines are recessed, hatches are flush-mounted for a sleek look and no snag Design and carry handles are shock corded so they sit tight on the deck while not in use.
- Bow and stern Press-Lock hatches are large and provide easy access into full volume dry storage compartments. These hatches are sealed by curved and flanged watertight bulkheads elevating torsional rigidity and ensuring optimal buoyancy in case of capsize.
- Our low-profile Day Pod tucks out of the way yet provides ample storage and easy access to snacks, binoculars, hydration etc.
- All rudder and skeg cables and lines are tubed and channelled out of sight and out of the
  way eliminating the chance to snag them when loading or unloading hatches or when
  moving about in the cockpit.
- Deltas' clean-hull design features large pedal mounts securing the foot pedals inside
  the cockpit, spreading the load on a larger surface and doing away with the need to
  drill holes through the hull.



#### **FEATURES**

Model shown: Delta 15s

Take some time to learn about the various components of your kayak.

NOTE: Not all models include or come equipped with all parts shown.



- **1. Comfort Grab Handles** They are dual density polymer with a comfortable rubber skin, they are easy to grip even when wet and handled in colder weather.
- **2. Paddle Park** Convenient system allows paddlers to secure the blade of their paddle while rehydrating, taking a picture or having lunch. Makes retrieving your paddle quick and easy in case of sudden need.
- **3. Press-Lock Hatch System** Innovative, colour matched, hard-shell covers provide a secure seal with easy on and off convenience. They also offer larger than average dry storage access to facilitate loading and stowing of gear.
- **4. Day Pod** Accessible and low profile, it's perfectly placed to store essentials you may need to easily access during your paddle. *Note: Water sensitive items should always be stored in a waterproof case or bag.*
- 5. Padded Thigh Braces Built-in and padded for comfort and added grip while bracing.
- **6 . Contour II Seat System** Provides excellent back support in multiple positions. Its quick and easy adjustment offers every paddler optimal comfort in an ultralight, user-friendly design.
- **7. Locking Bar** Located behind the cockpit rim on the back deck of the kayak. It allows for easy and secure cable locking to your roof rack or trailer. *Note: Not to be used as a towing bar.*
- **8. Paddle Float Rescue System** Raised lines and scalloped deck make paddle float re-entry quick and easy with a one-handed operation.

- 9. Stern Spare Paddle Park Raised bungee lines make it easy to secure and access your spare paddle when you need it.
- **10. Delta Rudder System** Proprietary, lightweight aluminium rudder helps keep you oncourse, facilitating course corrections in wind and current.
- **11. Easy Rudder Up & Down Haul** Static lines and large parrel beads allow you to effortlessly locate and deploy the rudder even while wearing gloves. Snag free, under-deck lines allow for a smooth deployment of the rudder in all conditions.
- **12. Perimeter Lines** Our perimeter lines are shock corded and easy to grab with gloved hands for safe retrieval of your kayak in case of capsize and aid in rescue situations.
- **13. Delta Skeg System** Our skeg system is spring-loaded and easy to deploy. The skeg aids in tracking and is available on all our performance touring models (in lieu of rudder) \*

#### NOT PICTURED

**Bulkheads** (located in cockpit behind seat) All our bulkheads are curved and flanged to enhance the torsional rigidity and strength of our kayaks. They also help to provide a water-tight seal to the front and rear storage areas so your gear stays dry and add buoyancy in case of capsize.

**Inside Seam Construction** Creates a stronger, stiffer, leak-proof seam and doubles as an innovative cable tray for the rudder control tubes.

**Sea-Dog™ Foot Braces** Easy to adjust and durable foot braces. On models with rudders, braces are gas pedal-style, enabling you to stay braced while steering with your feet.



# GETTING TO KNOW YOUR KAYAK

Before you get on the water, it is important to take a few moments to familiarize yourself with the unique features of your new Delta Kayak. Carefully go over the different components of your kayak and the specifics on how to properly adjust them before your first outing. In the next sections, you will learn about Tracking Sytems, Foot Brace adjustment, Hatch Systems and our Contour I I Seat System. Each section will provide necessary information on how to maximize your fit, comfort and performance by adjusting key components and features. If you have any questions that may not be answered by this document, please feel free to contact us by email at info@deltakayaks.com or by phone at 1-877-888-6544.



## DELTA KAYAKS' UNIQUE DESIGN & CONSTRUCTION

Delta Kayaks are moulded from a proprietary blend of highly specialized thermoplastic materials. The kayaks' hull and deck are a multilayered construction featuring a "Solarkote" exterior layer for the ultimate protection against fading and weathering. This material gives our boats the high lustre finish, vibrant colors, and excellent abrasion resistance that will provide many years of virtually maintenance-free service. The substrate or secondary layer is a very tough high impact ABS thermoplastic providing a rugged backup to the Solarkote surface layer.

#### 1. Solarkote™ Exterior Layer

Offers outstanding abrasion and UV resistance for long lasting, vibrant colours and a high lustre, low friction finish.

#### 2. ABS Secondary Layer

Provides high impact resistance, rigidity and a smooth interior finish.

These materials have a higher impact strength than composite fiberglass and gel coats and are also easily polished or repaired if required. Unlike polyethylene kayaks, our thermoformed kayaks are far less likely to deform in the sun or on your roof rack due to a higher heat deflection threshold. You will also find our kayaks to be among the lightest on the market making lifting and transporting easy to manage.





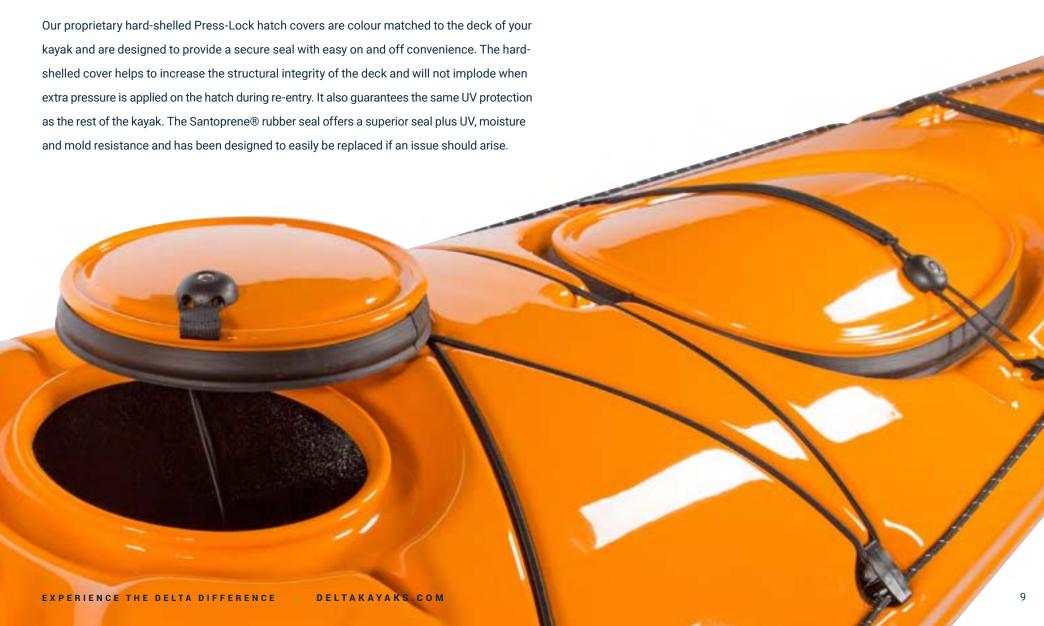
# | HATCH SYSTEMS

When paddling you often want to bring a snack, extra clothing or camping gear if you are heading out on an overnight or extended trip. We have outfitted our kayaks with appropriately sized hatches to fit the gear we think you may need while using each particular model. These hatches are sealed with rigid covers to ensure your gear is safe and secure during your outings. It is important to note that all valuables should be inserted into waterproof containers or bags before placing them in any compartment as there is always the possibility of water infiltrating into the hatches.



# | HATCH SYSTEMS

#### **Press-Lock Hatches**





## HATCH SYSTEMS

#### Press-Lock Hatches: How to use them

Due to the positive seal that these hatches offer, you will need a little leverage to get them open.

- Figure 1 Locate the tab that tethers the hatch to the deck.
- Figure 2 Simply pull the tab down, then towards you to unhook.
- Figure 3 Pull with an upward motion until the hatch cover is unsealead.
- Figure 4 Once opened, load your gear and firmly place the hatch cover back on the hatch rim.
- Figure 5 To close with a complete seal, place the hatch cover in place and place both hands on top. Apply a little downward pressure, and use a gentle twist or 'wiggle' to re-seal the cover.

If your Press-Lock hatches seem to be harder to get on and off over time, we recommend the use of Armor All™ Original spray or wipes to clean and lubricate the hatch seals for easy on and off operation.





## HATCH SYSTEMS

#### **Quarter-Turn Hatch Covers**

These hatch styles are found on our Delta 10AR and Cat 10.5 SOT (Sit-On-Top) models (Figure 1). They are easy to operate and flush mounted so they are out of the way. SEA-LECT Designs Quarter-Turn Hatch Covers are UV stabilized and feature a new locking system that prevents over tightening, jamming and cross threading. A specially engineered lubricated gasket is used in conjunction with a knife edge for a leak tested seal. They are also tethered to the inside of the hatch so there is little risk of losing them. (Figure 2) On the Delta Cat 10.5 SOT there is also a removable nylon storage bag incorporated in the hatch for cleaning purposes.

Model shown: Delta Cat 10.5 SOT







## CONTOUR SEAT SYSTEM

Personalizing your fit and comfort is simple with our feature rich, multi-position Contour II Seat System. Its ergonomic design provides optimum support with channel-vented foam cushioning for excellent drainage and air flow.

#### **Key features of the Contour II Seat System are:**

- 1. Hi-Low Backrest Adjustment
- 2. Channel Venting
- 3. Contour Fit Kit Ready
- 4. Core Drainage
- 5. Multi-Position Seat Adjustment

The seat-pan and backrest are designed to conform to your body and offer excellent ergonomic support. Self locking, hardware free backrest adjustment allows for easy backrest height positioning while in or out of your kayak. The Contour II Indexing System makes it easy to slide the seat forward or back in 5 positions for a personalized fit.





## CONTOUR SEAT SYSTEM

#### **Seat Pan Adjustment**

The Delta Contour II seat pan is designed to slide forward and back into 5 different positions. This feature adjusts the distance to the foot braces, adjust the position of your thighs under the thigh braces for maximum control, and adjust the trim of your kayak in cases where you have distributed the weight of your load unevenly. By adjusting the seat pan to its furthest rear position, entering and exiting your cockpit is made easier.

#### **Backrest Adjustment**

For back support, the backrest incline can be adjusted with the seat cord located on the right side of the cockpit coaming. This cord runs through the backrest and adjusts with a cleat. To adjust the backrest incline, release the cord from the cleat by pulling the cord inward towards the centre of the cockpit. When a comfortable incline position is found, lock the adjustment cord back into the cleat. To adjust the backrest height, simply pull up or push down on the backrest and it will slide into the next position on the seat post. You can also pull up or down on the tube located on the backside of the backrest and move it up or down on the ladder. Once pressure is applied on the backrest, this tube will seat itself into one of the positions on the seat post and secure in that position. The adjustment of your backrest incline and height can be done while on shore or seated in the cockpit while on the water.

#### **TOP VIEW**



**BACK VIEW** 



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## TRACKING SYSTEMS

#### Rudder

If your Delta Kayak is 14 feet or longer it may be equipped with our rudder system. It is designed to help navigate your kayak through waterways and help keep your kayak tracking straight in wind and currents. To lower the rudder blade into the water, first you must ensure the Rudder Locking clip has been lifted off the top of the blade (Figure 1). The Up-haul and Down-haul are located directly underneath your left elbow (Figure 2) Locate and grasp the ball furthest to the back of your kayak and slide it forward (Figure 3). To bring the rudder blade back to its holder on the deck, once again grab the ball that is furthest back and pull it forward. When beaching your kayak, or pulling into shore, retract the rudder blade to avoid damage.

Regularly flush out the track and pedal system with a hose to eliminate sand and gravel to keep the pedal sliding freely.

① To avoid damaging your kayak, DO NOT carry your kayak by the rudder. For ruddered models we use a gas pedal-style foot brace system which allows a constant brace and the ability to steer the kayak with only a slight push of the balls of your feet.





## TRACKING SYSTEMS

#### Skeg

Our performance touring kayak models come with the option of a skeg system instead of a rudder system. A skeg is located under the hull near the stern of your kayak. It is deployed by a cord on the left side of the cockpit and secured by a cleat. Simply release the cord from the cleat to deploy fully or in increments for partial deployment as needed. The skeg is used to increase tracking but unlike a rudder, does not help steer the kayak. Our skeg system is spring loaded so if you do happen to go over a submerged object, it will retract into the skeg box and spring back out when no longer obstructed. Our skeg uses a static cord instead of a cable to eliminate any possibility of kinking.

For best practice, retract the skeg into the skeg box before beaching or when launching to avoid potential damage to the skeg blade and box.





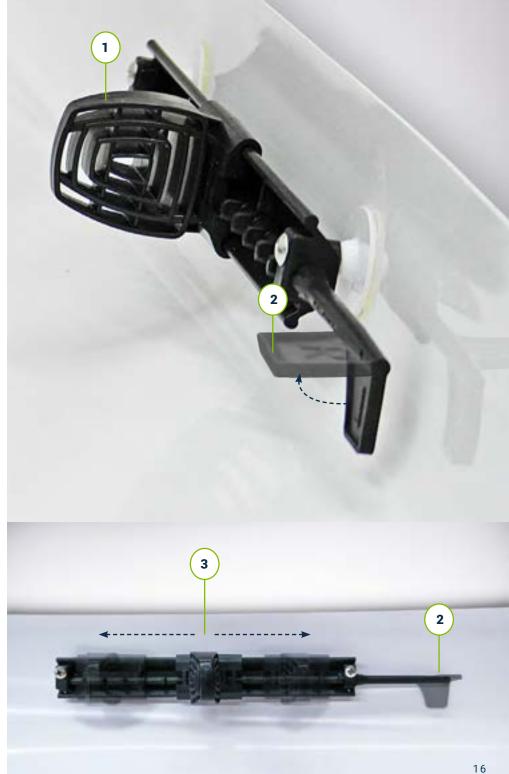
## FOOT BRACES

#### **Foot Brace Adjustment**

The balls of your feet should rest evenly against the foot braces (**Figure 1**)

Your knees should be slightly bent and resting on the padding that is positioned under the thigh braces and the underside of the deck. Your legs should be in a comfortable, relaxed and supported position.

Adjusting the distance between the seat and pedal is a simple procedure. Turn up the flag in front of the foot pedal track to a 90° angle so it points to the middle of the cockpit (**Figure 2**). This frees the locking lugs from the actual pedal. To move the pedal forward or backward simply push or pull the pedal on its track until it is in the desired position (**Figure 3**). This adjustment can be made using your foot or your hand. Once in place, simply flip the flag lever to the down position to lock.





# SAFETY

There are always risks involved in watersports and kayaking is no exception. It is very important to be aware of these risks before you go paddling. Although kayaking can be a very safe and fun-filled activity, paddlers at the beginner stage should note that they may be particularly at risk in unfavourable conditions, such as bad weather or rough waters. It is important to learn how these conditions affect kayaks and their operation. In addition, it is crucial to know how to re-enter your kayak in the event of capsize, particularly if this happens in cold water. It is also advised that you always paddle with a partner so that there is someone available to assist you in the event of capsize or other emergencies. Wearing a coastguard approved PFD (Personal Floatation Device) is vital to your safety while paddling, as well as, the proper clothing for the appropriate conditions. These are only preliminary guidelines and Delta Kayaks strongly recommends that you take a course from a certified instructor and learn as much as you can about kayaking to ensure your experience is as safe as possible.

Any person using kayaks built and/or sold by Delta Kayaks is personally responsible for determining that their abilities are equal or superior to the conditions that they may encounter during their outing and that exercising proper judgment in choice of where and when to paddle is crucial to a safe paddling trip. Any paddler using a Delta Kayak assumes all risks and takes complete responsibility for any and all damages or injuries, including death, which may result from use of a Delta Kayak.





# | SAFETY EQUIPMENT

US a	and Canadian Coast Guard regulations require the following:
	One Coastguard approved personal flotation device or life jacket of appropriate size for each paddler
	One buoyant heaving line of not less than 15m in length
	A watertight flashlight or 3 approved flares of Type A, B or C
	A sound signalling device (whistle or air horn)
	A bailer or bilge pump
	ddition, it is also recommended to carry the following upplemental safety gear:
	Change of clothing in case of capsize
	Water bottle
	Energy bar
	Sunscreen
	First aid kit including safety blanket
	Matches and fire starters
П	Float or Trip Plan





## CARE AND MAINTENANCE

Your Delta Kayak is designed to be as durable and maintenance-free as possible. However, there are some simple measures you can take to ensure that your kayak stays in the best condition possible giving you many years of use and enjoyment. The built-in Solarkote finish resists against abrasion and harmful UV rays. All that is required is washing with a soft cloth or sponge and warm soapy water. Whenever possible, avoid dragging your kayak on rough or rocky surfaces. If minor scuffs and abrasions do occur, we recommend the use of Novus Polish or similar polishing products.

NEVER USE STRONG SOLVENTS, SUCH AS ACETONE OR LACQUER THINNERS ON YOUR KAYAK AS THESE CAN SERIOUSLY DAMAGE THE FINISH AND INTEGRITY OF THE POLYMER YOUR KAYAK IS CONSTRUCTED FROM.

After use in saltwater it is very important to thoroughly rinse your kayak with clean freshwater to prevent salt and grime buildup. Pay particular attention to the rudder system as this is where there are the most moving part. It is a good idea to flush out the holes where the rudder cables enter the deck of the kayak.

Routinely check all deck lines and rudder cables for abrasion or wear. Replace these as required. Contact the retailer where you purchased your kayak for information on replacement parts.

WE DO NOT RECOMMEND THE USE OF 303 PROTECTANT ON OUR BOATS AS IT IS KNOWN TO DEGRADE POLYMERS SUCH AS ABS. WE ARE AWARE THAT MANY OF OUR DEALERS SELL 303 BUT WE ADVISE AGAINST ITS USE.





## STORAGE

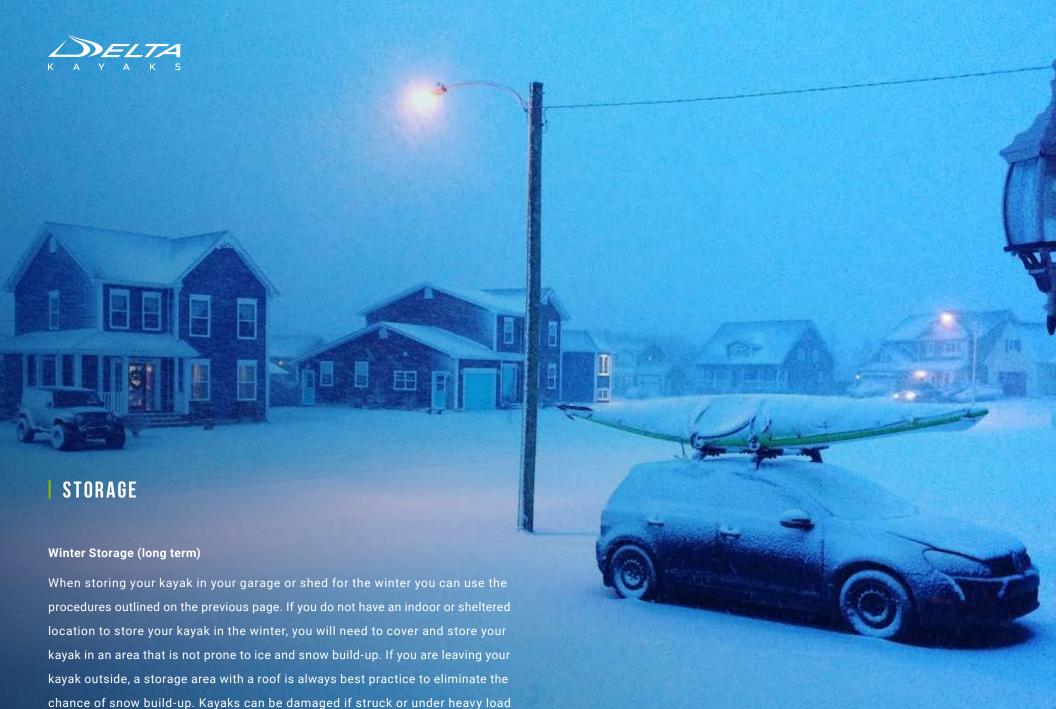
#### **General Storage**

Your kayak can be stored either right-side-up or upside-down. Ensure that you have supports on or near the bulkheads. We recommend using padded supports or straps that are a minimum of 1" in diameter to support your kayak on racks or hanging from a suspended point. Before you store your kayak, it is important that you have inspected and cleaned out sand and gravel underneath the seat and in the side seat tracks. Make sure all salt water is thoroughly rinsed off. It is good practice to use a Delta Kayaks cockpit cover during storage. It is best to store your kayak out of direct sunlight whenever possible to further prolong the life of your kayaks outfitting, seat padding and internal cockpit surfaces.

Do not cover cockpit or dry storage areas with hatches or seals until the inside of the kayak is completely dry as this may result in the formation of mold or mildew

Do not suspend your kayak using the bow and stern grab loops. They are not designed for this purpose.





in below freezing conditions.







# **ENVIRONTMENTAL IMPACT**

Consideration for the environment is also a major part of our philosophy at Delta Kayaks. While you are enjoying your kayak in the outdoors, you can be confident in the knowledge that Delta Kayaks are made from materials that are friendly to the environment unlike composite kayaks which release free styrene's and harmful emissions during processing. The thermoformed materials used to make Delta Kayaks are safe to manufacture and are completely recyclable. 100% of our scrap material and off-cuts are collected, recycled and used to make other consumer products.





## WARRANTY

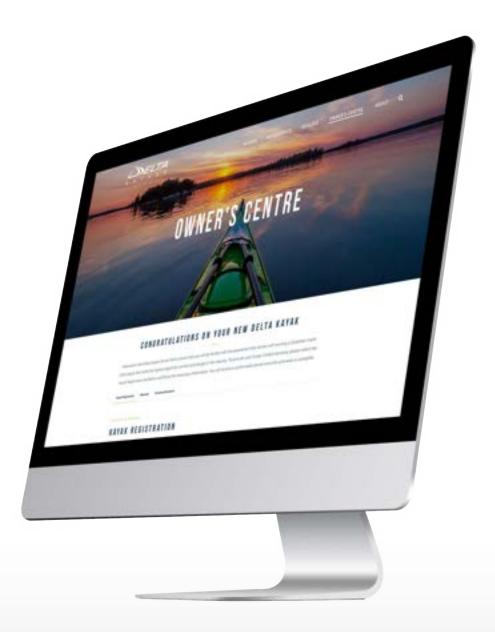
Delta Kayaks is pleased to accompany the finest thermoformed kayak with a three-year limited warranty to the original owner of the kayak.

You must register your kayak by filling out the registration form on our website (www.deltakayaks.com/delta-kayaks-registration-form.html) to initiate the warranty. In the unlikely event that a problem arises, please contact the retailer where you purchased your kayak and they will be able to assist you.

The Delta Kayaks Warranty covers defective materials or workmanship for a period of three years when used as intended and under normal conditions. The original warranty from the original owner cannot be transferred to another person.

The Delta Kayaks Warranty does not apply to rental fleets, outfitters, tour operators or other operations of this kind. In addition, Delta Kayaks does not cover kayaks that are altered or modified in any way from the original state of manufacture when purchased. Every claim must be accompanied by the original bill of sale and all warranty claims will be subject to an investigation by Delta Kayaks and they may repair or replace the defective product at their discretion. Photos accompanying the damaged part of the kayak and the serial number may be requested to ensure an accurate evaluation during the investigation.

Delta Kayaks Ltd. is not responsible for injury or accidents sustained during use of their product. Users acknowledge all assumed risks and are solely responsible for all damages or injuries incurred, including death, which may result from the use of Delta Kayaks Ltd. products and waive any and all claims against Delta Kayaks Ltd.





# | FINDING YOUR SERIAL NUMBER

You can locate your kayaks' serial number on the back deck of your kayak on the starboard deck (Figure 1). It is engraved into the deck and consists of 12 alphanumeric digits (ie:YGD12500A616). Your serial number is also located in a secondary area in case of tampering. Please contact us for this secondary location if the need arises. It is recommended to add the serial number to your bill of purchase for your records





## REPAIR INFORMATION

Your thermoformed kayak is made with materials that, if required, make repair very simple. Review the following repair methods below to determine the best course of action to take for your kayaks' repair needs or general maintenance.

#### **Abrasions**

Scratches and abrasions can be repaired by carefully wet sanding with 400 grit wet-dry sandpaper, followed by 600 grit. Use a cut polishing compound, such as Novus #2 or #3, to bring the finish back to its original high polish.

#### Leaks

If a leak is found in a bulkhead or deck seam we recommend sealing the problem area with Devcon Plastic Welder (methyl methacrylate), which is a two-part adhesive that can be purchased at most hardware shops across North America. A urethane marine sealant can also be used.



# DELTA KAYAKS MODELS & SPECS



## **SPECIFICATIONS**

LEGEND: AR | ADVENTURE REC LT | LIGHT TOURING TR | TOURING PT | PERFORMANCE TOURING

KAYAK MODEL	CATEGORY	LENGTH	WIDTH	DEPTH	WEIGHT	COCKPIT OPENING	COCKPIT VOLUME	DAY HATCH	BOW DRY STORAGE	STERN DRY STORAGE	MAX CAPACITY*	COLOURS	RUDDER	SKEG
DELTA 10ar	AR	10'	27"	14"	37 LBS / 16.7 KG	18.5" X 36"	58 GAL / 220 L	-	3.5 GAL / 13.2 L	33 GAL / 124 L	280 LBS / 127 KG		-	-
DELTA CAT 10.5 SOT	AR	10'5"	30"	11.5"	39 LBS / 17.7 KG	-	-	0.5 GAL / 2 L	-	-	320 LBS / 145 L	00	-	-
DELTA 12 AR	AR	12'	26.5"	14"	42 LBS / 19 KG	20" X 50"	60 GAL / 227 L	-	13 GAL / 49 L	33 GAL / 125 L	320 LBS / 145 L	••••	-	-
DELTA 12s	LT	12'	24"	12"	38 LBS / 17 KG	16.5" X 31.5"	39 GAL / 148 L	1.8 GAL / 7 L	12.5 GAL / 47.5 L	26 GAL / 99 L	220 LBS / 100 KG	••••	-	-
DELTA 12.10	LT	12′10"	25"	13.5"	41 LBS / 18.6 KG	17" X 32"	56.7 GAL / 214.6 L	1.8 GAL / 7 L	12.1 GAL / 45.8 L	30.3 GAL / 114.7 L	300 LBS / 136 KG	••••	-	-
DELTA 14	TR	14'	23.5"	13"	45 LBS / 20 KG	17" X 32"	46 GAL / 175 L	1.8 GAL / 7 L	19 GAL / 72 L	34 GAL / 130 L	320 LBS / 145 KG	••••	<b>✓</b>	-
DELTA 15.5gT	TR	15'6"	24"	13"	49 LBS / 22.2 KG	17" X 32"	48 GAL / 181 L	1.8 GAL / 7 L	25 GAL / 92 L	38 GAL / 147 L	360 LBS / 164 KG	••••	<b>~</b>	-
DELTA TRAVERSE 17.5 T	TR	17' 6"	27.25"	13.5"	65 LBS / 29.5 KG	17" X 32"	BOW: 45 GAL / 185 L STERN: 52 GAL / 198 L	9 GAL / 34 L	15 GAL / 56 L	32 GAL / 121 L	560 LBS / 254 KG	•0	✓	-
DELTA 15s	PT	15'	22"	11.5"	44 LBS / 20 KG	16.5" X 31.5"	56.7 GAL / 214.5 L	1.8 GAL / 7 L	12.1 GAL / 45.8 L	30.3 GAL / 114.7 L	260 LBS / 117 KG	••••	<b>~</b>	~
DELTA 16	PT	16′	22"	12.25"	48 LBS / 21 KG	17" X 32"	42.5 GAL / 161.0 L	1.8 GAL / 7 L	20.8 GAL / 78.6 L	31.7 GAL / 120 L	330 LBS / 150 KG	••••	✓	<b>~</b>
DELTA 17	PT	17'	22.5"	13"	50 LBS / 22.5 KG	17" X 32"	47 GAL / 179 L	1.8 GAL / 7 L	26 GAL / 100 L	42 GAL / 158 L	360 LBS / 164 KG	•••	~	<b>~</b>

