

MAGIC OWNER'S MANUAL

Understanding your Magic:

- Hull Materials
- Features

Using Your Magic:

- Initial Set Up
- Special Magic 14.5 Set Ups
- Transporting your Magic
- Caring for your Magic
- Storage Tips

Basic Gear:

- Paddle
- PFD
- Safety Equipment
- Personal Gear

UNDERSTANDING YOUR MAGIC

Hull Materials

Polyethylene

Rotationally molded boats are engineered to have sturdy hulls with maximum impact and abrasion resistance. Polyethylene can endure extended exposure to both ultraviolet light and temperature variation, enabling boats to be stored outdoors.

Features

First Class Seating™ (patent pending)

This unique seating system supports you for hours of paddling, fishing, or simply soaking up the sun. You can install or adjust your seat to 'trim' the boat (achieve a horizontal water line) when you carry heavy gear or are joined by your dog for a day of paddling.

Despite its structural integrity and adjustability it weighs only seven pounds. The seat can be removed quickly, making the boat lighter and loading so much easier than with other kayaks. Given the comfort and adjustability of its suspended seat design, it may become your favorite beach or campground chair!

Materials

~The anodized aluminum seat back reclines and the seat bottom can be raised to provide extra under-thigh support. The slightly raised position of the seat allows you to get a good look at where you're paddling, and the seat's base serves as a tray to store items that you want to access quickly.

~ 3-D Mesh Spacer Fabric

This unique mesh breathes and drains easily, so you don't have to sit in a water puddle or on a soggy cushion. It is 100% recyclable and produced using an environmentally-friendly process. Ozone-depleting cfcs (chlorofluorocarbons) that are generally used in foam manufacturing have been eliminated from the process.

~Textilene® Solar Screen Fabric

The fabric used to construct First Class Seats™ will withstand five years of daily sun exposure before it begins to break down. The light colored fabric stays much cooler than traditional black seats or compression molded seats.

Easy Foot™ Footbrace System

The Easy Foot™ Footbrace System makes it easy to adjust your foot pad position while seated. The foot pads are sized to specifically suit your boat.

Plug-and-Play™ (patented)

Your Magic First Class Seats™, Easy Foot footbraces and optional accessories utilize the Plug-and-Play attachment system which makes outfitting your boat quick and easy. Some accessories, such as paddle holders, clip directly into the molded channels, while others, like fishing rods, can be attached to anodized aluminum mounting bars that attach to the Plug-and-Play system.

Comfort and Convenience

- There are four **carry handles**, one on each end and one on each side in the center, which allow one or two people to carry and load the boat easily.
- **Paddle parks with bungee tethers** provide a secure resting place for your paddle whenever you need your hands free.
- A **5” waterproof hatch** behind the seat provides a safe dry location for important items.
- **Scupper Drains** relieve the boat of excess water but can be blocked with drain plugs when not needed.
- **Recessed footwells** lower feet and ankles to relieve Achilles tendon fatigue and maximize sitting comfort.
- The **crate dock** is surrounded by a raised curb to keep cargo crates or coolers from shifting.

Rudder (optional)

The rudder comes secured to the boat with a bungee. When you release this your rudder will be available and your footbraces will be freed to direct the rudder position.

To lower the rudder:

1. Look for the rope on the deck that is used to raise and lower the rudder. It features two barrel knots.
2. Grab the barrel knot that is farthest aft (toward the stern) and pull it forward.
3. Adjust your footbraces so that your knees are comfortably bent and you can exert a reasonable amount of force on the footbraces before your knees are completely straightened / extended.
4. You should now be able to steer to the right or left by applying pressure on the right or left footbrace, respectively.

To retract the rudder:

1. Check to be sure the rudder is centered behind the boat by positioning both your footbraces at the same distance from you.

2. Look again to the rope on the deck that features two barrel knots. Choose the knot that is farthest aft, and pull it forward. Your rudder should exit the water easily and land in the 'vee' notch of the rudder holder.
3. When you're ready to load up your boat, re-secure the rudder with the bungee as it was when you started out.

USING YOUR MAGIC

Initial Set Up:

Your First Class Seat™ is shipped unattached to the boat, so you will need to install it before you paddle.

1. Insert the First Class Seat™ into the desired position by inserting the side clips into the Plug-and-Play side notches. (see Solo and Tandem positions below)
2. Adjust the seat for your comfort.
 - a. Seat Back -- For a more *erect* position, tighten the side straps by pulling the free strap ends toward the front of the boat. For a more relaxed position, sit up so that the side straps are supporting you, but not stretched tight. Gently pull the rounded end of each strap buckle up and away from the strap. The strap will lengthen and loosen until you've found your desired position.
 - b. Seat Bottom -- From your seated position, raise your thighs by drawing your feet in and leaning back a bit. With one hand, lift the front edge of the seat up to take the weight off the adjustment bar underneath you. With your other hand, reposition the adjustment bar in one of its three positions.
3. Insert the Easy Foot footbraces into the desired position by inserting the side clips into the Plug-and-Play side notches. (see Solo and Tandem positions below)
4. Adjust your Easy Foot footbrace.
 - a. Unweight the pads.
 - b. Pull or push the adjustment bar until the footpad is in the desired position.
 - c. When you feel the footpad click into place on the track, let go of the adjustment bar.

Special Magic 14.5 Set Ups

Magic 14.5 Solo

1. The First Class Seat™ should be plugged into the 11th notch from the bow of the boat and one notch back from the side grab handles. This position may need to be adjusted if you will be carrying additional gear.

2. The Easy Foot footbraces will most often need to be kept 3 notches in front of the First Class Seat™ but can be placed further forward or back for the paddler's comfort.

Magic 14.5 Tandem

1. The front seat should be plugged into the 7th notch back from the bow and 3 notches in front of the side grab handles.
2. The rear seat should be plugged into the 15th notch back from the bow and 5 notches behind the side grab handles, which should place it right in front of the crate dock.
3. The Easy Foot footbraces will most often need to be kept 3 notches in front of the First Class Seat™ but can be placed further forward or back for the paddlers' comfort.

Transporting Your Magic

To transport your kayak securely, we suggest that you install a rigid bar, sport rack system on the roof of your vehicle. Your boat will remain most stable when loaded upside down. If you are unlikely to encounter rain during your road trip, you can also load it with the hull down.

Caring for Your Magic

A **fresh water rinse** for the hull and all moving parts is all that is necessary to keep your boat clean. It is heartily recommended after paddling in salt water, especially if your boat is outfitted with a rudder system. Thoroughly rinse the rudder, rudder cables, and foot braces with fresh water to remove dirt, sand and salt.

We also recommend that you treat your First Class Seat™ fabric with a **mold retardant cleaner** (found at grocery or home improvement stores) if you use it infrequently or if it will be stored in a moist or poorly circulated.

You should periodically **lubricate** all moving parts (like the footbraces, or rudder) to keep them in top working order. We recommend using 303 Lubricant, available at outdoor specialty and select home improvement retailers. For polyethylene hulls, 303 Lubricant can also be used to protect the luster of the boat's surface.

Polyethylene

Polyethylene is a tough, resilient material which can withstand a reasonable amount of impact and usage over rough surfaces. However, over time and with continued use, abrasions can reduce the hull's ability to glide smoothly through the water. You can minimize raised texture on the hull by scrapping the polyethylene ridges off with a sharp knife or buffing them out with sand paper. Also, please remember that the hull is tough, not indestructible, but minor

damages may be repairable. Contact your local Native Watercraft dealer for additional information and assistance regarding polyethylene repair.

Storage Tips

The ideal environment for storing your kayak is a shaded, dry space. Never store your kayak in direct sunlight. Position it upside down with each end supported on sturdy, cushioned racks. Wood 2 x 4's covered with carpet or closed-cell foam work nicely (coverings that will either dry quickly or not absorb moisture will keep mildew away).

Polyethylene material softens somewhat when it is exposed to extremely warm conditions. If your kayak is strapped tightly to a roof rack or sitting on a storage rack during a series of hot days, it may deform. You can encourage your boat to "remember" its original shape by unstrapping it and setting it on a flat or padded surface in the sunlight but it may not completely regain its shape if it has been deformed by severely tightened straps or ropes.

Storing the boat with the seat installed also helps encourage it to keep its shape.

Basic Gear

When you paddle you should always carry safety equipment, carry appropriate personal gear, use a comfortable paddle, and wear a PFD (personal flotation device).

Paddle

The choice of a paddle is as personal as the choice of your boat. Factors to consider in selecting your paddle include blade shape, length, weight and material. Synthetic paddles are the most damage resistant. Composite models will generally be lighter and better if you'll be paddling for long periods of time. Most paddlers use paddles between 225 and 240 cm in length: you should try different lengths and types of paddles before you make a purchase, just as you would test paddle your boat.

Take-apart paddles offer the ability to change blade angle ("feather") to suit your preference, and are easy to store and transport. A spare paddle is good to have as well. It can be an inexpensive take-apart paddle that can be stowed easily on deck.

PFD – Personal Flotation Device

A comfortable and securely-fitting PFD is an absolutely essential paddling accessory that should be worn when you're in your kayak. Try your PFD on before you make a purchase, to be sure it fits comfortably. Swing your arms and rotate your torso to make sure you can move your arms freely without feeling restricted. If it does, adjust the outfitting or try another model / size.

If you will be wearing a sprayskirt or have a short torso, wear your pfd while sitting in a boat: it should not ride up more than an inch or two, and someone should be able to pick you up by its shoulders without it lifting up over your head.

Safety Equipment

You should consider carrying a bilge pump to rid the interior of standing water that can destabilize your ride. United States Coast Guard regulations require an audible signal device (horn or whistle) on all watercraft.

Note: Safety equipment is not worth much unless you know how to use it. We recommend that you obtain qualified instruction and practice under controlled, comfortable conditions.

Personal Gear

The following is a list of items that you should keep with you on every trip in a dry storage bag or case:

- drinking water
- sunscreen
- a brimmed hat and sunglasses
- insect repellent
- compass
- waterproof flashlight
- matches or a lighter
- a first aid kit

The following should also be considered:

- A dry set of clothes, if the weather will not dry you quickly after a capsize
- Weather radio
- Global positioning device (GPS)
- Cell phone
- Navigation charts
- Repair kit
 - o Duct tape
 - o Screwdriver
 - o Vise grips
 - o Spare cord
 - o Knife

If you have additional questions about your new product from Native Watercraft or would like to learn about any of our suggested accessories, please ask your dealer. They will be happy to help you get to your next day on the water safely, and soon!

Native Watercraft
www.nativewatercraft.com