



Mariner Owners Manual

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- Hull Materials
- Features

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Propulsion Options

Mariner MultiSport kayaks are available with four options for propulsion. These kayaks can be either motored, pedaled, sailed or paddled. Please follow the instructions provided with your Mariner for your specific drive unit.

UNDERSTANDING YOUR MARINER

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. When you are paddling Native Watercraft kayaks you can focus on your paddling experience knowing that your boat will perform for you on every trip.

FEATURES

Tunnel Hull

This signature tunnel hull is extraordinarily stable. It creates a boat-wide platform that minimizes rocking when you redistribute weight, and allows you to stand for long periods for scouting, poling or sight fishing, with confidence.

First Class Seating™

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,

~Expanded 3-D Mesh

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. Adjust the footpad by either pushing or pulling adjustment rod.



Plug-and-Play™

Integral channels are molded into the side of each boat and allow anodized aluminum bars to plug in securely. Specially designed accessories can be plugged directly into the boat, while general accessories can be fastened to mounting bars that are plugged in.



Your Mariner foot braces 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.

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.

Two mesh **side pockets** are located on the side walls of the cockpit. They are perfect for storing small items and keeping them readily accessible.

Hatch Storage

The forward hatch is accessible by a large hatch cover. It allows you to get to your gear quickly and easily, tethers to the boat so they won't get lost, and creates a waterproof seal.

To open the hatch:

1. Find the finger lift tab molded to the hatch cover.
2. Release the rubber strap.
3. Insert fingers under that tab, and lift the hatch cover gently pulling it up and away from the boat.

To seal the hatch:

1. Find the thin molded tab on the narrow end of the hatch cover and insert it into the recess on the hatch rim.
2. Gently press the hatch cover onto the hatch rim by working your way up toward the wider end of the hatch cover.
3. Replace the rubber strap over the finger lift tab.

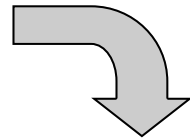
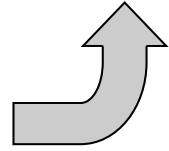
Gear should be stowed in such a way that it won't shift or slide while underway, possibly impeding the safe operation of your kayak. Heavier items should be stored toward the bottom of the kayak, with lighter items on top. We recommend stowing gear in waterproof bags unless it can get wet without harm. It is also wise to tether gear stored to the seat or to other stowed items so that if you capsize, the gear will remain with the boat.

Rudder

The Mariner line of kayaks is equipped with an integrated rudder system that is easy to maneuver using the “in cockpit” control handle. The rudder blade is located in line with the keel making it very responsive when called upon. * Do not drag your boat! Dragging your Mariner may cause damage to the rudder blade.

Rudder Controls

Pull the control handle back to guide your Mariner left and push the control handle forward to guide right. The rudder blade will be aligned with the keel when the handle is perpendicular to the flat edge within its recess.



Using your Mariner

Initial Set Up:

Adjust the seat for your comfort.

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.

Adjust your Easy Foot footbrace.

Unweight the pads.

Pull or push the adjustment bar until the footpad is in the desired position.

When you feel the foot pad click into place on the track, let go of the adjustment bar.

Removing and Re-installing the Seat:

Remove a First Class seat:

Release the buckles holding the seat in position. One buckle will be behind the seat, two others will be on the front sides of the seat bottom. Slide the seat forward, releasing the seat pan out from under the four deck fittings.

Re-install a First Class seat:

Slide the seat pan under the four deck fittings and then re-attach the three seat buckles.

Transporting Your Mariner

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. * Do not drag your boat! Dragging your Mariner may cause damage to the rudder blade.

Caring for Your Mariner

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 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 environment.

You should periodically **lubricate** all moving parts (like the foot braces, or rudder) to keep them in top working order. We recommend using 303 Protectant, 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. Learn more about 303 Protectant at www.303products.com.

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 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.

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 spray skirt 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
 - Duct tape
 - Screwdriver
 - Vise grips
 - Spare cord
 - 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