

One-Arm Freedom® Canoe Paddle

Product Manual

INCLUDED IN THIS DOCUMENT:

Introduction and Welcome	page 2
Intended Use, Assumption of Risks and Disclaimer	page 3
Product Safety, Warnings and Emergency Release Process	pages 4-5
Parts of the One-Arm Freedom Canoe Paddle and Shoulder Saddle	page 6
Personal Flotation Device Compatibility	page 7
Assembly Instructions	pages 8
Detaching and Reattaching the Paddle	page 9
Adjusting the Paddle to the User	page 9
Paddle Technique with the One-Arm Freedom Canoe Paddle	page 10
Troubleshooting	page 11
Product Care and Warranty	page 12



Read this manual before using the One-Arm Freedom Canoe Paddle. Failure to follow the instructions and safety precautions in this manual can result in serious injury or death.

Keep this manual in a safe location for future reference.

Introduction and Welcome

Congratulations on being a new owner of the One-Arm Freedom® canoe paddle! The unique patented design, U.S. Patent 7311573B1, enables people using only one arm to participate in flatwater canoeing at beginner through advanced levels. Paddlers who have difficulty using a typical canoe paddle because of a disability or limb difference will find the One-Arm Freedom Canoe Paddle opens up new opportunities and can enable them to excel in recreational and performance canoeing.

The One-Arm Freedom is especially well suited for canoeing on lakes and for Dragon boat and Outrigger paddling. With this paddle, you can paddle in the bow or stern position in a tandem canoe and even paddle solo. Whether you are seeking the opportunity to take a weeklong trip in the Boundary Waters, catch a wily trout in your local lake, take a youngster paddling, compete in Dragon Boat or Outrigger racing, or paddle flatwater Freestyle the One-Arm Freedom canoe paddle is here for you. We hope the One-Arm Freedom allows you to enjoy the many aspects of flatwater canoeing for years to come.

This manual provides important safety information unique to the design of this paddle and explains how to assemble and adjust your paddle. It is critical that you read and understand this information before using the paddle for the first time.

You can find more information on **our website:** <https://dillenschneiderdesigns.com/>

Videos are available on the **One-Arm Freedom Canoe Paddle YouTube channel:**

<https://www.youtube.com/channel/UC2EvoVI7jTxSzWcBeaPjy5Q>

- Introduction to the paddle and quick release
- Paddle Strokes with the One-Arm Freedom Canoe Paddle
- Advanced technique demo "A Water Dance"
- Beginning technique demo
- Introduction to canoe features

If you have questions, comments or success stories with your One-Arm Freedom paddle, please contact us at **DillenschneiderDesigns@Outlook.com**. We look forward to hearing about your paddling adventures!

Dillenschneider Designs LLC
C/o C. Dillenschneider
79270 State Highway 13
Washburn, WI 54891
USA

*** Trademark and Patent Notice:** One-Arm Freedom® is a trademark registered in the U.S. Patent and Trademark Office. This product is protected by Patent: US 7311573B1.

Acknowledgments

The One-Arm Freedom Canoe Paddle (Patent: US 7311573 B1) exists because of the support, encouragement, generosity and goodwill of numerous businesses, organizations, and individuals. We would like to recognize the following businesses, organizations, and individuals who have given generously to the development of this product.

Branches LLC, Osceola, WI; Extreme Tool and Engineering, Wakefield, MI; Northland College, Ashland, WI; PN Products, Scandia, MN; Core Products, Osceola, WI; Evan Sasman, Videography Professionals, Ashland, WI; Andy Noyes, Ashland, WI; John LaGow; University of Wisconsin-Milwaukee, College of Health Sciences; University of Utah, School of Engineering; Orthotics and Prosthetics Department Shriners Hospital, Tampa, FL; and World Class Precision Products, Bayfield, WI; Jeff Bach, Quietwater Media; Kevin Carr, Creating Ability, Chatfield, MN; the American Canoe Association; Ashland Area Development Corporation, Ashland, WI; Pan Am Dragon Boat, Tampa, FL; Mad Dragon Foundation, Inc. Tampa FL. Countless others have contributed to the development of this paddle and may not appear here. If you wish to have you or your organization's name added, please contact us at DillenschneiderDesigns@Outlook.com.

Intended Use, Assumption of Risks and Disclaimer

Intended Use

The One-Arm Freedom Canoe Paddle is designed for flatwater canoeing in unobstructed waters. It is not suitable for whitewater or for water environments with unavoidable floating or stationary obstructions.

Unique Design provides paddle control using only one arm

The One-Arm Freedom Canoe Paddle, US Patent 7311573, is different from typical canoe paddles in that it attaches to the non-inflatable Personal Floatation Device (PFD) worn by the user. This attachment makes it possible for the user to control the paddle and execute a wide range of canoe strokes using only one arm.

No Modification or Misuse

This product is designed and intended only for use in unobstructed flatwater canoeing and has not been designed or tested for use in any other boating or paddling activities. Except as noted in this product manual, this product cannot be modified or altered by the user as it may interfere with the functionality of the product. **The user assumes all risks and responsibilities associated with product misuse or modification, including any use for which the product was not designed or intended.**

Responsibility, Assumption of Risk and Disclaimer

Failure to heed any warnings in the product manual or other materials provided with the One-Arm Freedom Canoe Paddle, misuse of the One-Arm Freedom paddle, as well as inherent and other risks associated with this paddle can cause injury, damage, death or other loss. By voluntarily choosing to use the One-Arm Freedom and engaging in paddlesports activities, you are assuming responsibility for those risks.

In voluntarily choosing to use this product, the user assumes and accepts the inherent and other risks of paddlesport activities and use of this product, and is responsible for any injury, damage, death or other loss resulting from those risks or resulting from the user's negligence or other misconduct (including product misuse or modification). To the extent allowed by applicable law and outside the scope of any product warranty, Dillenschneider Designs LLC, and Branches, LLC., their owners, members, officers, directors, employees, agents, representatives and all other entities or individuals in the chain of distribution of this product, disclaim all liability or responsibility to product users (including for negligence) for any injury, damage, death or other loss resulting from use of this product.

General Paddlesports Safety Statement

Engaging in paddlesports is enjoyable but has inherent and other risks. The user is responsible for obtaining appropriate training in paddlesports from a qualified instructor in a reputable, organized program or school before using this product, and to exercise prudence and good judgment at all times to reduce the risk of personal injury or death.

Information supplied with this product is provided as a service only and does not substitute for good judgment and proper on-water instruction in paddlesports.

Product Safety and Warnings

Unique Risks of the One-Arm Freedom Canoe Paddle

Because the One-Arm Freedom Canoe Paddle attaches to the Personal Floatation Device worn by the user, it poses unique risks to the user. **For your safety, you must read and understand the following unique risks associated with this paddle and preventative actions the user can take to reduce these risks.**

Paddle Kickback



WARNING

Paddle kickback may result in serious injury or death

- Use the One-Arm Freedom Canoe Paddle in unobstructed flatwater only.
- This paddle is not for use by children under the age of 18 without adult supervision.

Paddle kickback risks and prevention: The One-Arm Freedom paddle is different from two-hand use paddles in that it attaches to the shoulder area of the Personal Floatation Device (PFD) worn by the user. In the event the paddle blade contacts a stationary object or heavy floating object while the watercraft is in motion, the paddle may be forced toward the user's face or knock the user off balance possibly resulting in serious injury or death. This risk is increased when executing cross over or offside strokes such as, but not limited to the cross bow draw, cross bow rudder, or cross bow forward stroke.

The risk of paddle kickback on water can be avoided by preventing contact with stationary or heavy floating objects while the watercraft is in motion. Avoid paddle contact with shore or docks when landing or docking. The paddle is unsuitable for use in whitewater or flatwater with unavoidable floating or stationary obstructions.

Paddle kickback can also occur on land if the blade contacts a stationary object while the user is in motion. When moving about on land, either detach the paddle from the PFD or make certain the blade points away from the direction of travel. Do not run while wearing the One-Arm Freedom Canoe Paddle.

Inability to Use the Quick Release Mechanism



WARNING

Inability to use the quick release mechanism may result in serious injury or death.

- Never cover, obscure, or wear anything over the shoulder saddle or quick release cord.
- Practice and be able to perform the quick release on land and in shallow water prior to paddling with the One-Arm Freedom. Do not use the paddle if you are unable to perform a quick release.

Inability to use the quick release mechanism risks and prevention: The One-Arm Freedom paddle is different from two-hand use paddles in that the paddle attaches to the user's Personal Floatation Device (PFD). In the event of capsize or entanglement, the user must be able to access the quick release mechanism and take specific action to release the paddle from the PFD.

Covering, obscuring or wearing anything over the shoulder saddle or quick release cord will prevent proper function of the quick release mechanism and may result in serious injury or death. All articles of clothing, including rainwear, must be worn underneath the PFD. To ensure access to and proper function of the quick release mechanism, never obscure, cover, or wear anything over the shoulder saddle or quick release shock cord.

Do not use the One-Arm Freedom Canoe Paddle with any inflatable PFD. Donning an inflatable PFD over the shoulder saddle may obscure or obstruct the quick release mechanism. Using the shoulder saddle with an inflatable PFD may prevent proper inflation of the PFD.

Be confident in your ability to perform the quick release under all conditions and use this product only within your capabilities and training. Practice releasing the paddle from your PFD while on land and in shallow water prior to paddling with the One-Arm Freedom. Do not use the One-Arm Freedom Canoe Paddle if you are unable to execute the quick release.

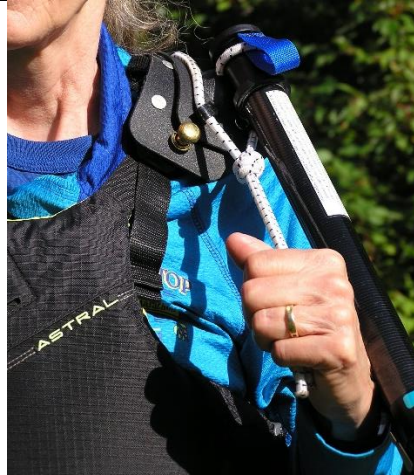
Emergency & Quick Release Process

In the event of capsize or entanglement, the user must take the following actions to release the paddle from the PFD:

Emergency and Quick Release Process



Step 1: Grasp the Quick Release cord



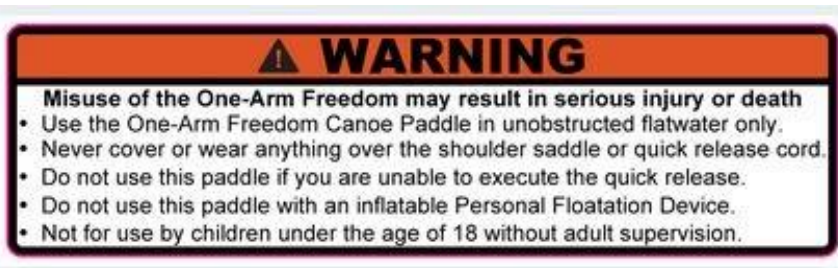
Step 2: Stretch and free the cord from the knob



Step 3: Push the paddle to the side, away from your body, to clear the cord from the rear of the shoulder saddle bottom plate

Paddle Misuse Warning Label

The Paddle Misuse Warning Label is affixed to the paddle. The label provides a general misuse warning and specific direction to avoid hazards associated with the unique design of this paddle. This is an abbreviated version of the Quick Release and Paddle Kickback warnings provided in the Product Manual. Read the Quick Release and Paddle Kickback warnings, risks and prevention explanations prior to using the One-Arm Freedom Canoe Paddle.



Parts of the One-Arm Freedom Canoe Paddle

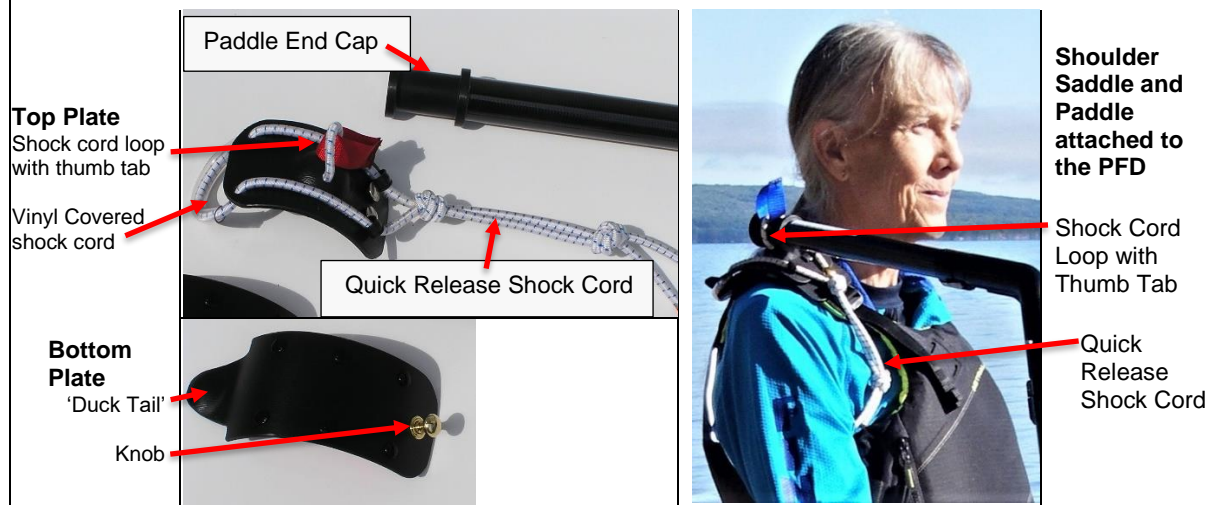
The One-Arm Freedom Canoe Paddle has two main components—the paddle and the shoulder saddle.

Paddle Features



Paddle: The paddle has a top shaft and a bottom shaft that connect at the elbow with a snap button. Both shafts have lever locks and tubular inserts to adjust the shaft lengths. You can also adjust blade orientation on the bottom shaft. The endcap on the top shaft is the attachment point for the shoulder saddle. Tech Tip: The paddle contains floatation plugs and will float when fully assembled. Some sections of the paddle will not float on their own. Take care disassembling the paddle when on or near the water.

Shoulder Saddle Features



Shoulder Saddle: The shoulder saddle has a top plate with a raised center. The small shock cord loop attaches to the paddle endcap. The bottom plate is larger and has a knob on the front and duck tail on the back. The bottom plate attaches to the shoulder strap of the user's PFD with hook and loop straps. The top and bottom plates connect together with the Quick Release shock cord. Tech Tip: The saddle components do not float. Keep the bottom plate attached to the PFD and the top plate attached to the paddle when on or near water.

PFD Compatibility and the One-Arm Freedom

The shoulder saddle of the One-Arm Freedom attaches to the shoulder area of the user's Personal Flotation Device (PFD) making it easy to put on and remove the paddle when on or off the water. Because of this feature, most paddlers will get the best performance while using a PFD that does not ride up your torso when paddling. Look for PFDs with the following features:

- 1) Adjustable torso straps, that when tightened, prevent the PFD from riding up while paddling;
- 2) Adjustable shoulder straps that can be snugged down against your shoulder on the strong side of your body;
- 3) Shoulder strap buckles on the front rather than the top, of the shoulder area.

Examples of PFDs with these features include Astral Designs' YTV and Stohlquist's Spectrum. Because everyone's body shape is unique, we recommend you try several different brands and models to find the best fit for your body.

Warning! Do not use the shoulder saddle of the One-Arm Freedom Paddle with an automatic or manually inflatable PFD. Using the shoulder saddle of the Freedom Paddle with an inflatable PFD can obscure and prevent access to the quick release mechanism. It may also prevent proper inflation of the PFD.

Reduce or Eliminate Shoulder Strap Movement for Best Paddle Performance

Most importantly, wear an adjustable PFD that fits your body well and does not ride up while paddling. Follow the steps below to minimize strap movement while paddling:

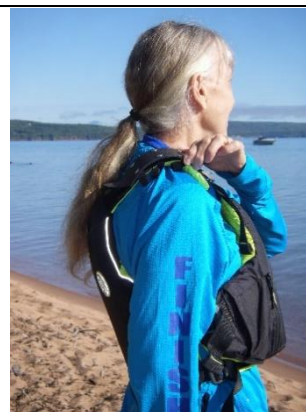
Steps to Reduce Shoulder Strap Movement While Paddling



Step 1: Tighten the bottom torso strap to achieve a snug fit that does not allow the PFD to ride up your torso. Tighten additional torso straps to snug the PFD to your body, but not restrict your breathing.



Step 2: Adjust the shoulder strap on your strong side so it fits snugly against your shoulder. Adjust the shoulder strap on your weak side for comfort without being floppy.



Step 3: Perform a PFD check. Have someone tug firmly upward on the shoulder straps. The PFD should not ride up your torso and no gap develops between your shoulder and the shoulder strap.

Assembly Instructions for the One-Arm Freedom

Join the two sections of the paddle

1. Align the snap button on the lower shaft with the hole in the elbow on the upper shaft.
2. Depress the snap button and slide the shaft into the elbow until the snap button clicks into place. If the snap button does not reach the hole, use the lever lock on the bottom shaft to lengthen the insert.

Attach the Top Plate of the Shoulder Saddle to the Paddle

1. Orient the top plate of the saddle so the long quick release cord faces the end cap on the top shaft of the paddle.
2. Insert the end cap through the small shock cord loop on the top plate of the saddle. For single hand application, insert a thumb or finger in webbing loop to stretch the cord and position the plate.

Attach the Bottom Plate of the Shoulder Saddle to your PFD

1. If your strong hand is on the right, you will attach the saddle on the right shoulder strap. Left handers will attach to the left strap of the PFD.
2. Position the bottom plate of the saddle on the shoulder area of the PFD with the knob facing forward.
3. Wrap the hook and loop straps on the bottom plate snugly around the shoulder strap of the PFD and center the curve on top of your shoulder when wearing your PFD.

Connect the Top and Bottom Plates of the Shoulder Saddle

1. Hook the vinyl covered shock cord on the top plate over the 'duck tail' on the bottom plate.
2. Stretch the quick release shock cord over the knob on the bottom plate.

One-hand Tip: Place your thumb under the top plate with your fingers around the top shaft and grasp them together. Keeping your hand in this position, lift your hand just above your shoulder and reach back to hook the vinyl covered shock cord over the 'duck-tail' on the rear of the bottom plate. Once the vinyl covered shock cord is hooked in place, release the top plate and shaft. Grasp the quick release shock cord on front of the top plate. Stretch the shock cord and hook the knot over the knob on the front of the bottom plate. Practice this in front of a mirror where you can view the connection between the vinyl covered shock cord and the rear of the bottom plate until you develop a 'feel' for a good connection.



Detaching and Reattaching the Paddle

Detaching the Paddle from the PFD

It is convenient and easy to detach the paddle from the PFD so the user is unencumbered when moving about on land, in the canoe, or in water. The quick release process is the same for emergency release or for convenience. **See photo sequence on page 5.**

Emergency/Quick Release Process for the One-Arm Freedom Canoe Paddle

1. Grasp the quick release shock cord located at the front of your chest.
2. Pull the quick release shock cord down and away from your body to release it from the knob on the bottom plate.
3. Grasp the paddle and push the paddle to the side, away from your body to clear the cord from the rear of the shoulder saddle bottom plate

Warning! The shoulder saddle must be exposed and visible at all times to release the paddle in an emergency. Never cover, obscure, or wear anything over the Shoulder Saddle or Quick Release cord.

Warning! Do not use the One-Arm Freedom Canoe Paddle if you are unable to execute the quick release. Practice releasing the paddle from your PFD while on land and in shallow water prior to paddling with the One-Arm Freedom. Be confident in your ability to perform the quick release under all conditions and use this product only within your capabilities and training.

Reattaching the paddle to the PFD

Reattaching the paddle to the PFD can take place in the canoe or on land. To reattach the paddle, follow the instructions for Connecting the Top and Bottom Plates of the Shoulder Saddle as described in the Assembly section of this product manual.

Adjusting the Paddle to the User

Set the paddle for left or right hand use

1. Sit in your canoe in about 3 feet of water
2. With the paddle attached to your PFD, grip the lower shaft with your strong-side hand and place the blade in the water next to your knee with the shaft perpendicular to the surface of the water.
3. Release the lever lock on the lower shaft and rotate the shaft so the tip of the blade angles forward and the edge of the blade is perpendicular to the keel line of the boat.
4. Re-engage the lock.

Adjust the Lower Shaft for torso length and seat height

1. Sit on the seat (or get in paddling position) in your canoe in about 3 feet of water.
2. Release the lock on the Lower Shaft and lengthen the shaft until your blade is fully inserted in the water.
3. Re-engage the lock.

Adjust the Top Shaft for arm length

1. Release the lever lock on the Top Shaft
2. Comfortably position your hand on the grip pad a few inches above the blade, extend the length of the Top Shaft until your arm has a slight bend at the elbow.
3. Engage the lever lock on the Top Shaft.

Paddle technique with the One-Arm Freedom

The One-Arm Freedom Canoe Paddle may look a little different from a typical two-hand canoe paddle, but it functions very similarly. The large muscles of your torso, not the muscles of the arm, should generate the power for your canoe strokes. Since you are using one arm to maneuver your paddle, and you may do hundreds if not thousands of strokes a day, it is important that you save your arm and hand muscles to control the angle of the blade, not to power your stroke. The following information will help you get started with your new paddle. Additional paddle stroke information is provided in the Paddle Stroke videos on the [One-Arm Freedom Canoe Paddle YouTube Channel](#).

Basic Paddling Position:

The One-Arm Freedom connects to the PFD on your strong arm side and the blade is placed in the water on the same side. If you are using your right hand, the shoulder saddle will be attached on the right hand side of your PFD and you will place the blade in the water on the same side. The paddle does not cross in front of your body during any basic paddle strokes (These onside strokes are: forward stroke, reverse/back stroke, draw, pry, and sweep).

Warning! Crossover or offside strokes increase the risk of injury from paddle kickback. Beginner paddlers should become proficient with onside paddle strokes and the emergency release before advancing to cross over strokes.

Hand Position:

Grasp the lower shaft a few inches above the top of the blade. Your hand should be in a comfortable position with the pad underneath your knuckles. The upper shaft rests on the shoulder area of your PFD on the same side of your body as the hand you will use to paddle. The tip of the blade should angle forward and the side of the blade should be perpendicular to the keel line of your boat.

Basic Forward Stroke:

The basic Forward Stroke consists of four steps or phases. Twist, Plant, Un-twist/Power phase, and Recovery.

1. **Twist:** To execute a forward stroke, twist your torso so the shoulder of your strong side points forward towards the bow of your canoe.
2. **Plant:** Reach the paddle forward and plant the blade in the water just forward of your knee and submerging the entire blade. When you have planted the blade, the lower shaft of the paddle should be nearly perpendicular to the surface of the water and your arm should be comfortably extended with a small bend at the elbow.
3. **Un-twist/Power phase:** During this phase of the stroke, your arm acts like a strut and the bend in your elbow does not change. Keeping the lower shaft of the paddle nearly perpendicular to the surface of the water, use your back, side, and stomach muscles to un-twist your torso until the paddle is even with your hip.
4. **Recovery:** Using your arm, slice the edge of the blade away from the canoe until it is out of the water. Using the Twist, Bring the blade forward for your next stroke by rotating your torso until your shoulder again points forward.

Troubleshooting

Problem	Solution(s)
The arm of the paddler fatigues quickly.	<ul style="list-style-type: none"> Try adjusting shaft length e.g. shorten the lower shaft. Change technique to generate power with torso rotation.
The end cap of the paddle pulls out of the shock cord loop under normal paddling conditions.	<ul style="list-style-type: none"> Lengthen the top shaft. Tighten the shock cord loop by retying the overhand knot recessed on the underside of the top plate of the shoulder saddle.
<p>The hook and loop straps are worn or damaged.</p> <p>Follow the replacement steps listed here or contact us for a return authorization number and approximate repair and shipping costs.</p>	<ul style="list-style-type: none"> Replace the hook and loop straps with new cable wrap straps purchased at your local hardware store. Unscrew the binding post screws on the bottom plate of the shoulder saddle. Create holes in the new hook and loop straps with a hole punch. Use a drop of medium thread lock to secure the binding post screws when reattaching them to the bottom plate.
<p>The shock cord is worn or damaged</p> <p>Follow the replacement steps listed here or contact us for a return authorization number and approximate repair and shipping costs.</p>	<ul style="list-style-type: none"> Before removing worn shock cord, take a photo of the top and bottom of the top plate making certain to have clear images of all knots and knot placement. Replace the shock cord with new ¼" diameter UV protected shock cord. Retie the shock cord using overhand knots. Tighten all knots to prevent them from working loose while paddling.
<p>The lever locks are too tight or too loose</p> <p>Follow the replacement steps listed here or contact us for a return authorization number and approximate repair and shipping costs.</p>	<ul style="list-style-type: none"> Carefully loosen the two outer screws 3 turns. To tighten the lock, turn the nut clockwise (to the right) one notch. To loosen the lock, turn the nut counter clockwise (to the left) one notch. Carefully tighten the two outer screws.
The paddle flutters as it is drawn through the water especially on the forward stroke.	<ul style="list-style-type: none"> Change technique to generate stroke power with torso rotation instead of the arm. See paddle technique instructions for the Basic Forward Stroke. Watch the Paddle Stroke section of the instructional video on our website.
The top plate of the shoulder saddle slides on the bottom plate while paddling.	<ul style="list-style-type: none"> Tighten the shock cord connecting the top and bottom plates by moving the upper knot closer to the shock cord guides on the front of the top plate. Lengthen the upper shaft of the paddle
The shoulder saddle moves around on my shoulder or rides up by my ear even though it is tightly secured to the Personal Flotation Device (PFD).	<ul style="list-style-type: none"> Use a PFD with adjustable shoulder straps and adjustable torso straps. Tighten the torso straps so the PFD does not ride up while paddling and tighten the shoulder strap to prevent movement of the shoulder saddle on your shoulder.
Flotation plugs in the paddle shaft have become dislodged.	<ul style="list-style-type: none"> Contact Dillenschneider Designs for instructions on proper plug placement before regluing

Product Care and Warranty

Product Care and Storage

Sunlight, heat, and contaminants can degrade and reduce the life of this product. After each use, the product should be disassembled; rinsed with clean water to remove grit, mud, silt, or salt; and allowed to dry. Store your paddle out of the sun and in a cool, dry storage area to prolong the life of the product.

Damage and breakage can occur when subjecting your paddle to forces it was not designed to handle. Care should be taken when transporting and storing your paddle to prevent damage. Never transport or store your paddle under heavy items.

Inspection and Repair

We recommend you inspect the One-Arm Freedom Canoe Paddle and shoulder saddle for any damage or wear and tear before and after each use. If you believe the product is damaged, do not continue to use it or attempt to repair it yourself. See Paddle Warranty Information below.

Product lifetime, replacement or retirement

The components of the One-Arm Freedom Canoe Paddle should be retired or replaced when they show significant wear or if the product shows any indication of being unsuitable for use. If the shoulder saddle or paddle must be replaced independent of each other, contact us regarding purchase of replacement components.

Paddle Warranty Information

We guarantee Dillenschneider Designs LLC and Bending Branches® paddle components against manufacturing defects for one year from date of purchase. Product damage from defect must have occurred during normal use, as we recommend for that model. To return a defective paddle, you must contact us at DillenschneiderDesigns@outlook.com for a return authorization number. With this RA number and a copy of the sales invoice- paid in full, you may send the paddle back to us for evaluation. If we determine the paddle is defective, we may repair or replace it. This is the extent of our liability under the warranty, and, to the extent allowed by applicable law; we shall not be liable for incidental or consequential damages or injury arising from the use of this product. This warranty does not cover any paddle used for white water, normal wear, or damage caused by apparent misuse or abuse. **TO THE EXTENT ALLOWED BY APPLICABLE LAW, DILLENSCHNEIDER DESIGNS LLC, BRANCHES LLC, AND THEIR OWNERS, MEMBERS, OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, REPRESENTATIVES AND ALL OTHER ENTITIES OR INDIVIDUALS IN THE CHAIN OF DISTRIBUTION OF THIS PRODUCT DISCLAIM ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ANY CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) WITH REGARD TO THE PRODUCT.**

Happy Paddling!