



# ISLAND VOYAGE™2 INFLATABLE KAYAK

OWNER'S MANUAL  
MODEL AE3023-Y



## 1 OR 2 PERSON KAYAK

### IMPORTANT!

PLEASE READ THIS MANUAL CAREFULLY BEFORE PROCEEDING. AFTER READING THIS MANUAL, SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.



INFLATABLE KAYAKS WITH CUTTING  
EDGE TECHNOLOGY

## INTRODUCTION

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Designed in California, our goal at Advanced Elements is to develop new and unique paddlesports products that enhance our customers' outdoor experience. Our focus is on designing and manufacturing "Inflatable kayaks with cutting edge technology" and providing excellent customer service. We are deep rooted in product development with patented technology, striving to develop inflatable kayaks, iSUPs, and paddlesports accessories that excel in performance, quality, and portability. All of our products have been designed to give paddlers the tools they need at the value that they deserve.

We feel that it is extremely important to make sure that our customers are having the best experience possible. One of the ways we do this is by a passionate focus on customer support. It is the feedback from our customers that has allowed us to excel and continue to grow over the years.

Our offices, near San Francisco California, are not only where we conceive of and design our innovative products, but also where you will find our excellent Customer Service team that is ready to answer any questions you might have about our products and offer premier product support.

We hope to see you someday soon, on the water!

Sincerely,  
The Advanced Elements Team



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## 1. CAUTION - SAFETY WARNING

Users of this product agree by their use to accept the inherent risks involved in this paddlesports activity and agree to follow all instructions, cautions, and warnings carefully before using this Kayak.

(PLEASE READ CAUTION STATEMENT CAREFULLY)

### CAUTION

#### SAFETY WARNING

PADDLESPTS CAN BE VERY DANGEROUS AND PHYSICALLY DEMANDING. THE USER OF THIS PRODUCT SHOULD UNDERSTAND THAT PARTICIPATION IN PADDLESPTS MAY INVOLVE SERIOUS INJURY OR DEATH. OBSERVE THE FOLLOWING SAFETY STANDARDS WHENEVER USING THIS PRODUCT.

- GET PADDLESPTS INSTRUCTIONS SPECIFIC TO THIS TYPE OF CRAFT.
- OBTAIN CERTIFIED FIRST AID TRAINING AND CARRY FIRST AID AND RESCUE/SAFETY EQUIPMENT.
- ALWAYS WEAR A NATIONALLY APPROVED PERSONAL FLOTATION DEVICE.
- ALWAYS WEAR A HELMET WHERE APPROPRIATE.
- DRESS APPROPRIATELY FOR WEATHER CONDITIONS; COLD WATER AND/OR COLD WEATHER CAN RESULT IN HYPOTHERMIA. CHECK YOUR EQUIPMENT PRIOR TO EACH USE FOR SIGNS OF WEAR OR FAILURE.
- NEVER PADDLE ALONE.
- DO NOT PADDLE IN FLOOD CONDITIONS.
- BE AWARE OF APPROPRIATE RIVER WATER LEVELS, TIDAL CHANGES, DANGEROUS CURRENTS, WEATHER CHANGES, AND STRONG OFF SHORE WINDS.
- SCOUT UNFAMILIAR WATER; PORTAGE WHERE APPROPRIATE.
- DO NOT EXCEED YOUR PADDLING ABILITY; BE HONEST WITH YOURSELF.
- CONSULT YOUR PHYSICIAN PRIOR TO BEGINNING YOUR PADDLESPTS TRAINING.
- YOU MUST NOT USE ALCOHOL OR MIND ALTERING DRUGS PRIOR TO USING THIS PRODUCT.
- FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR THE USE OF THIS PRODUCT.
- IF ADDITIONAL OUTFITTING IS REQUIRED, USE MANUFACTURER'S APPROVED MATERIALS ONLY; DO NOT IMPAIR ENTRY OR EXIT ACCESS.
- READ OWNER'S INFORMATION PACKET PRIOR TO USING THIS PRODUCT.

THE USER OF THIS PRODUCT ACKNOWLEDGES BOTH AN UNDERSTANDING AND AN ASSUMPTION OF THE RISK INVOLVED IN PADDLESPTS.

**ADVANCED ELEMENTS, INC.**

**TOLL FREE 866-262-9076**




Please read this entire manual for additional safety information. Please pay close attention to items marked **DANGER, WARNING, CAUTION, IMPORTANT, NOTICE, NEVER, and ALWAYS.**



## 1.1 Boating Safety



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

	<p>Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury or substantial property damage.</p>
	<p>Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury or property damage.</p>
	<p>Indicates a potentially hazardous situation which, if not avoided, may result in property damage.</p>
<p><b>CAUTION</b></p>	<p>Used without the safety alert symbol indicates a potentially hazardous situation, which, if not avoided, may result in property damage.</p>
<p><b>NOTICE</b></p>	<p>Indicates installation, operation or maintenance information which is important but not hazard-related.</p>

The precautions listed in this manual and on the craft are not all-inclusive. If a procedure, method, tool or part is not specifically recommended, you must satisfy yourself that it is safe for you and others, and that the craft will not be damaged or made unsafe as a result of your decision. REMEMBER - always use common sense when paddling YOUR KAYAK!

## 2. SPECIFICATION

Dimensions:	
Length:	11'2"
Width:	37"
Weight:	31.5 lbs (14.3 kg)
Max. Person Capacity:	400 lbs (181 kg)
Max. Persons & Gear Capacity:	400 lbs (181 kg)
Recommended Pressure:	
Main chambers:	2.0 psi (0.14 bar)
Floor chamber:	1.0 psi (0.07 bar)

### 2.1 Capacity

The person/load capacity is determined by the availability of proper seating on the kayak. Acceptable seating determines the number of passengers, not the overall load capacity.



Island Voyage™ 2 Kayak Capacity Label

**⚠ WARNING:** Do not exceed the certified maximum capacities under any circumstances. Overloading will reduce freeboard and increase the likelihood of swamping, especially in heavy seas. Overloading causes handling to become sluggish, making it difficult to react quickly.

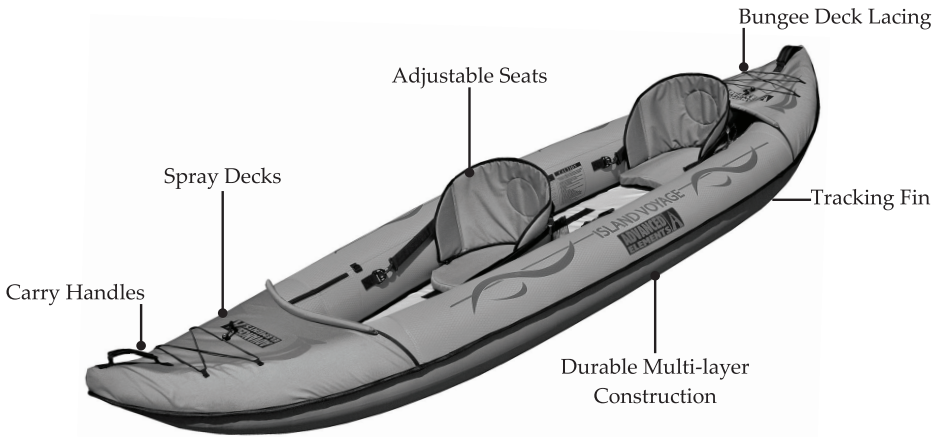
### 2.2 Features

*Durable:* Multiple layers of material for extreme puncture resistance.

*Easy to Set Up:* Pre-assembled at the factory. Simply unfold, inflate and attach the seats.

*Comfortable:* High support, adjustable padded seat provides comfort for hours of paddling.

*Versatile:* 3 seating positions offer easy set up for tandem or solo paddling.



### 3. ASSEMBLY/INFLATING/DEFLATION INSTRUCTION

#### 3.1 Assembly

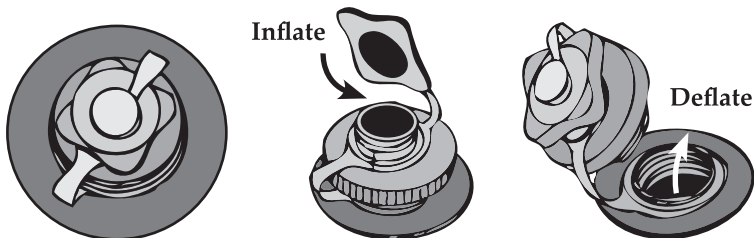
Your kayak comes from the factory pre-assembled. The only item that needs to be installed is the removable tracking fin. This fin simply hooks into the grommets located on the bottom side of the kayak. **Make sure to install the tracking fin before inflating the kayak!**

#### 3.2 Understanding Your Valves

Advanced Elements Island Voyage™ 2 kayak uses standard Boston valves. This common valve has great function and durability and is compatible with most standard pumps. The following illustrations in *Figure 1* show how to operate your valves.

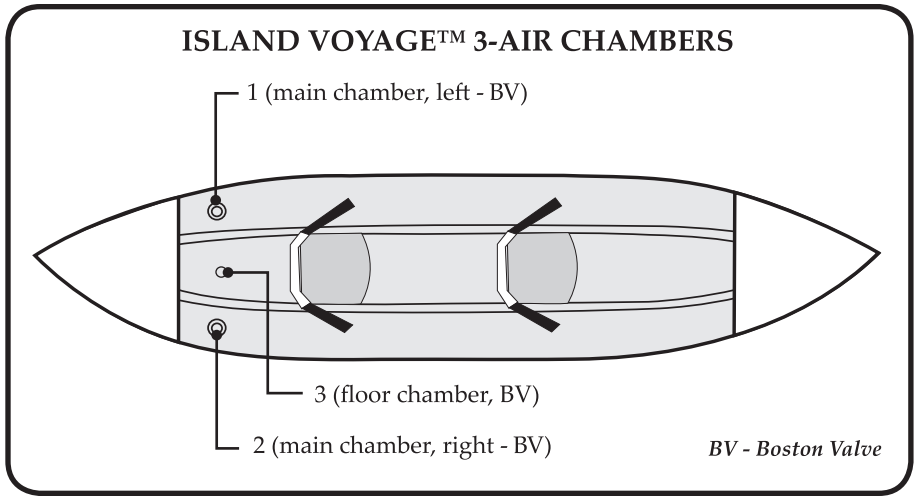
**To Inflate:** Make sure the valve body is screwed in tightly to the valve base. Make sure that the valve teather does not get caught between the valve body and base. Remove small cap and use the appropriate pump nozzle to inflate.

**To Deflate:** Unscrew the valve body from the valve base to release air from chambers.



*Figure 1. Inflate/Deflate Boston Valve*

To begin inflating your kayak, you will need a **Bellows Foot Pump** or a **Double Action Hand Pump**. **Never use compressors, CO2 or compressed air as they may damage you kayak.**



*Diagram of Inflation Chambers*

### 3.3 Inflating

**IMPORTANT:** Before inflating, check to be sure that the kayak is completely assembled. **Make sure to install the tracking fin before inflating the kayak!** Refer to sec. 3.1 on page 7. Inflate your kayak in the following order. **Failure to follow these instructions may cause damage to your kayak. Do not over inflate.**

1. Locate Chamber 1. Make sure valve body is screwed in tightly. **See Figure 1.** Remove small cap and use the appropriate pump nozzle to mate with the valve. Inflate Chamber 1 until firm to the touch (2.0 psi **ONLY**).
2. Proceed to Chamber 2. Make sure valve body is screwed in tightly. **See Figure 1.** Remove small cap and use the appropriate pump nozzle to mate with the valve. Inflate Chamber 2 until firm to the touch (2.0 psi **ONLY**). Close caps on chambers 1 and 2 tightly.
3. Locate chamber 3 “floor.” Make sure valve body is screwed in tightly. Remove small cap (*See Figure 1*) and use appropriate pump nozzle. Inflate chamber until firm (1.0 psi **ONLY**). **Do not over inflate!**
4. Make sure all valves are closed tightly and properly. Check to be sure the cap tether is not interfering with the valve seating on all chambers.

### 3.4 Over Inflation

**⚠ CAUTION:** Water temperature and weather will affect the air pressure of the kayak. In cold weather and water your kayak will lose some pressure. If this occurs, you may want to add a bit more air to the kayak to improve performance. In hot weather or prolonged sunlight, the air inside the kayak will expand. You must let some air out of the appropriate chambers to prevent the kayak from failing due to overpressure. You should avoid exposing your kayak to extreme temperatures (hot or cold).

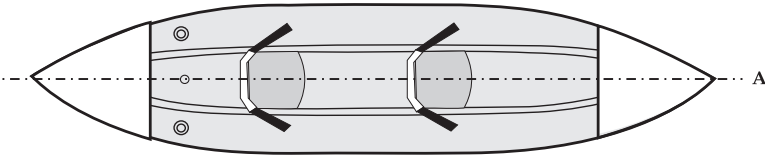
### 3.5 Deflation

1. Unscrew the valve bodies from chambers 1, 2, and 3 to allow the air to rush out. (See Figure 1)
2. Once the chambers are deflated you can use your pump to vacuum out any additional air to improve folding.

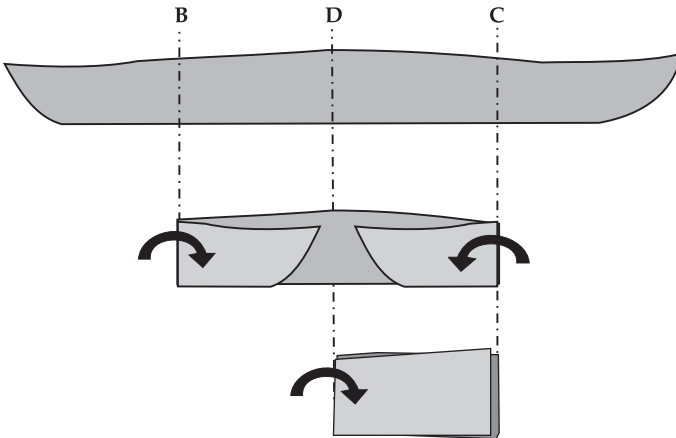
### 3.6 Folding

**NOTICE:** Reverse your pump to completely deflate all chambers.

1. Completely deflate all air chambers and thoroughly dry the kayak and remove the seats.
2. Fold in half, down the center, lengthwise.



3. Fold into 4 equal sections.



4. Place into duffel bag.

## 4. GUIDELINES FOR USAGE

Paddlesports can be very dangerous and physically demanding. The user of this product should understand that participation in paddlesports may involve serious injury or death. Observe the following safety standards whenever using this product. The user of this product acknowledges both an understanding and an assumption of the risk involved in paddlesports.

After you have inflated your kayak and before you put it in the water, inspect your equipment for obvious signs of wear or failure. Review local rules and regulations and read again the “CAUTION” statement.

Most areas have local laws and regulations about the use and equipment of small boats. Usually a phone call to the local authorities will provide you with the needed information. Some areas may require that you register and display a registration number on the front of your kayak. Once you have been issued a number, it is best to affix it to the kayak by printing it on the material with a permanent ink marker. If you are required to display a sticker or vinyl letters, an inflatable boat ID kit can be purchased at most marine stores.

Your kayak is designed to be paddled with a double bladed kayak paddle. Paddle with short and even strokes. Keep the blade close to the kayak and the paddle almost vertical. Pull with your lower hand and push with your upper hand. To reduce the amount of swaying at the front of the kayak, ease off on the force of your stroke. Paddling with a backward stroke can sometimes offer quick maneuverability.

**ALWAYS** practice safety and take the time to learn about the area where you are paddling. Get official information about the local tides and currents before paddling there. Be careful that you do not over estimate your strength, your endurance or your skill. Be careful never to underestimate weather conditions. Be aware of the dangers before you begin. Be aware of your skill level. Be sure you understand and accept the risk of these dangers. There are many paddling clubs all over the world. These can be a great source of information on places to paddle, people to paddle with and most importantly, continued safety practices.

## 5. PROPER CARE AND STORAGE

Your inflatable kayak is made of very durable materials. However, like anything else, proper use and care will increase the life of your kayak. Before storing your kayak, make sure it is both CLEAN and DRY. You may clean your kayak with a mild soap and water. **NEVER** use strong solvents to clean your kayak as they will destroy the material.

**NEVER unzip the chamber cover when the kayak is inflated.**

Be sure to rinse your kayak with fresh water after every use in salt water and allow it to dry thoroughly before storing. Use a dry towel to wipe up all moisture. It should be deflated and kept out of direct sunlight when stored. Avoid exposure to extreme temperatures (hot or cold). If your boat is exposed to freezing temperatures while storing, allow it to warm up before unfolding.

**Do not store your kayak for an extended period of time while wet.**

**Follow these steps for removing excess water.**

1. Unzip the 4 zippers that are located at the ends of the kayak.
2. Use a sponge or towel and wipe up any excess water in the outer cover.
3. Wipe off the floor (top and bottom)
4. If there is sand or gravel in the kayak, you can hose out the cover, and then wipe it down with a towel.
5. Most of the time you can wipe out the inside of the kayak absorbing most of the water, then pack it up.

## 6. REPAIRS

All kayaks come with a repair kit that includes glue and several patches. This should remain with the kayak in the event that you may need it. If service is required for your kayak, please call 866-262-9076 for assistance.

### 6.1 Repairing Small Punctures and Cuts

1. Cut a rounded patch at least ¼" or ½" larger than the hole or cut.
2. Clean the area where the patch will be placed with water and/or mild soap.
3. Make sure all surfaces are dry.
4. In a well ventilated area, spread a thin layer of glue on both the patch and on the damaged area. Let it sit for three to five minutes or until tacky.

### 6.2 Repairing Pinholes

1. Inflate the PVC tube. Locate the pinhole by sponging soapy water over the tube until you see air bubbles. Mark the location of the pinhole.
2. Deflate the tube and dry the affected area. Apply a drop of glue to the pinhole
3. Allow glue to dry completely.
4. Do not inflate the kayak for at least twelve hours.

## 7. TROUBLESHOOTING

### PROBLEM

**The kayak is sagging or under inflated.**

### SOLUTION

Be sure that the right pump is being used. You need a bellows foot pump or a double action hand pump. A 12-V electric does not supply enough pressure to fully inflate the kayak. The 12-V can be used to partially inflate the kayak but one of the other pumps is needed to top it off.

**The kayak will not hold full pressure for more than a couple of hours.**

Make sure that the valve body is seated properly in the valve base and that it tightly screwed down. Also, make sure that the valve body teather is not caught in-between the valve body and the valve base.

**PROBLEM**

**Kayak still loses air.**

**SOLUTION**

If you have checked all the previous possible reasons for the kayak losing air, then there may be a pinhole or hole somewhere on the tube. Pull tube from outer covers. Inflate. If you cannot see or hear where a leak may be, take a clean rag with soapy water and begin rubbing the tube. If a hole is present, bubbles will continually form. Repair using repair kit. If it is a very small pinhole, a dab of the glue may be sufficient.

**The floor is losing air.**

Make sure that the valve body is seated properly in the valve base and that it tightly screwed down. Also, make sure that the valve body teather is not caught in-between the valve body and the valve base.

**Tube is kinked or bent.**

The tube just needs to be adjusted. When kayak is fully deflated try adjusting the position of the tube inside of the outer shell.

**There is water in the kayak.**

There will almost always be a little water in the kayak. One reason is the water drips off of the paddle and into the kayak. Also, make sure that the drain plug at the rear of the kayak has been closed tightly and properly.

**The kayak does not track well.**

Try moving your seat forward a little more. This will allow for better weight distribution and better tracking. Also, make sure that the removable tracking fin is installed correctly.



Note: If your state requires the licensing of this boat, please use the form below. If you need any assistance filling out this form, please contact Advanced Elements Customer Service Department.

**MANUFACTURER'S STATEMENT OF ORIGIN**  
**FOR A VESSEL SOLD IN THE STATE OF \_\_\_\_\_**

The undersigned manufacturer hereby certifies that the new boat described below, the property of said manufacturer, has been transferred this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ on Invoice# \_\_\_\_\_ to:

Owner's/Dealer's Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_

Model Name \_\_\_\_\_ Model Year \_\_\_\_\_ Manufacturer's Hull Identification# \_\_\_\_\_  
○ Island Voyage™ 2 Kayak (AE3023) \_\_\_\_\_ HIN# \_\_\_\_\_

Type: Kayak \_\_\_\_\_ Hull Material: PVC/Polyester \_\_\_\_\_  
Length Overall: 11'2" \_\_\_\_\_ Beam: 37" \_\_\_\_\_

U. S. Coast Guard Capacity Plate Information (where applicable):  
Maximum persons capacity in whole persons: 400 lbs (181 kg)  
Maximum weight capacity (persons & gear): 400 lbs (181 kg)

The manufacturer further certifies that this was the first transfer of such new boat and that all information given herein is true and accurate to the best of their knowledge



P.O. Box 5128 Concord, CA 94524

Signature \_\_\_\_\_

**FIRST ASSIGNMENT**

FOR VALUE RECEIVED, in the amount of \$ \_\_\_\_\_  
the undersigned hereby transfers the Certificate of Origin and the boat described therein  
to \_\_\_\_\_

Address \_\_\_\_\_  
and certifies that the boat is new and has not been registered in this or any other state; Advanced Elements, Inc. also warrants the title of said boat at time of delivery, subject only to the liens and encumbrances as set out below:

Amount of Lien	Date	To whom Due	Address
_____	_____	_____	_____
Dates _____	_____ 20 _____,	at _____	_____

By: \_\_\_\_\_  
Transferrer (Firm name) Sign Here \_\_\_\_\_

Before me personally appeared \_\_\_\_\_ who by me being duty sworn under oath says the statements set forth above are true and correct. Subscribed and sworn to me before this \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_\_.

\_\_\_\_\_  
Notary Public Date commission expires \_\_\_\_\_  
(SEAL)

# *Declaration of Conformity*

(according to ISO/IEC Guide 22 and EN 45014)

**Manufacturer's Name:** Advanced Elements, Inc.

**Manufacturer's Address:** P.O. Box 5128  
Concord, CA 94524

*declares, that the product:*

**Product Name:** Island Voyage™ 2 Kayak

**Model Number (s):** AE3023

to which this declaration relates, **meets the essential health and safety requirements** and is in conformity with the relevant EU Directives listed below:

General Product Safety Directive

using the relevant section of the following EU standards and other normative documents:

EN ISO 6185-1 : 2001

ABYC H-29: 2012

Date: January 1, 2015



Clay Haller, President

This product complies with European directives for recreational vessels as published by the International Organization for Standardization (ISO).

# LIMITED WARRANTY

Advanced Elements, Inc. warrants this product to be free from defects in material or workmanship for a period of one year from the date of purchase. Products that prove to be defective under conditions of normal and proper use during the warranty period because of defective workmanship or faulty material will be replaced or repaired without charge. For warranty service, contact Advanced Elements, Inc.

Advanced Elements, Inc shall inspect all warranty claims and in the event of a defect, repair or replace the defective part or entire item, at its option. The purchaser must, before return of a defective product, obtain from Advanced Elements, Inc, a return authorization number and return center address. Please write or call as listed below. Once an authorization number is obtained, the purchaser must ship the product, POSTAGE PREPAID, to Advanced Elements, Inc for repair. Do not ship to P.O. Box address as it may be sent back.

This warranty does NOT cover:

Products used for rental, for hire or in professionally guided tours and other uses not considered normal recreational purposes; and punctures, cuts and abrasions sustained in normal use; and items involved in accidents; and items damaged in white water mishaps, and other unreasonable uses or improper storage.

Advanced Elements, Inc shall within (30) days from receipt of an authorized return from purchaser, perform its responsibilities in conformance with this warranty.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION OF THE FACE HEREOF. ADVANCED ELEMENTS SHALL NOT BE HELD LIABLE FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES.

THIS WARRANTY IS INCLUSIVE IN LIEU OF ALL OTHER WARRANTIES.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

Advanced Elements, Inc.

P.O. Box 5128, Concord, CA 94524

Toll Free - 866-262-9076 - email [info@advancedelements.com](mailto:info@advancedelements.com) - [www.advancedelements.com](http://www.advancedelements.com)

(cut along line)

## ADVANCED ELEMENTS WARRANTY REGISTRATION

(PLEASE TYPE OR PRINT CLEARLY)

Please complete and mail card to Advanced Elements within 10 days. It will register your product.

**Mail to: Advanced Elements, Inc.**

**P.O. Box 5128, Concord, CA 94524**

**Attn: Warranty Department**

Owner's Name \_\_\_\_\_

Address \_\_\_\_\_ Apt. \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Model \_\_\_\_\_ Serial # (12 characters) XZE \_\_\_\_\_

Purchase Date \_\_\_\_\_ (located at rear of boat)

Store Name \_\_\_\_\_

Store Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email \_\_\_\_\_

*Thank you for responding to the following.....*

1. How did you first learn of this product?

Dealer     Friend     Magazine     Radio     TV     Catalog     Other

2. What most influenced your decision to purchase this product?

Price     Features     Style     Quality     Other

## **IMPORTANT!**

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AFTER READING THIS MANUAL, SAVE THESE INSTRUCTIONS  
FOR FUTURE REFERENCE.**

**If you would like a catalog of our latest products please  
visit our website at  
[www.advancedelements.com](http://www.advancedelements.com)  
or call Toll Free 866-262-9076**

**PLEASE COMPLETE THE OTHER SIDE OF THIS  
WARRANTY REGISTRATION CARD AND RETURN TO ADVANCED ELEMENTS, INC.**

PLACE  
STAMP  
HERE



P.O. Box 5128  
Concord, CA 94524  
1-866-262-9076  
[www.advancedelements.com](http://www.advancedelements.com)  
Email: [info@advancedelements.com](mailto:info@advancedelements.com)