



BAT-X-RAY PVC DOABLE™ OPERATOR'S MANUAL

Important information is enclosed in this manual. Please read these materials prior to assembling and using this product. Keep for future reference.

For questions on assembly, parts or warranty, contact the experts at Sportsstuff. **DO NOT RETURN** this product to the store!

Contact us TOLL FREE: 888-814-8833 (USA) (8am-5pm, CST Monday-Friday)

Congratulations on your new Doable purchase! Sportsstuff prides itself in making the most innovative inflatable products on the planet. Your high performance Doable is designed to provide an exciting and unique riding experience for the whole family.

Product Name	Model #	Inflated Dimensions	Rider Capacity	Weight Limit
Bat-X-Ray PVC	53-1510	59x48in / 145x120+cm	1	170lbs 77kg

The Bat-X-Ray PVC Doable™ includes:

- VEER Towing System for Slalom from Side to Side Across the Wake
- Removable 4K Tow Connector with PATENTED Aluminum Quick Connect Tow Point
- Multiple Strategically placed Tiger Tooth Steering Fins
- Special Formula PVC Construction
- High Visibility Custom Graphics
- Heavy Duty Molded PVC Handles
- Heavy Duty Stainless Steel D-ring for Directional Changes
- Aerodynamic Shape with Fuel Saver Drag-less Design
- PATENTED Speed Safety Valve for fast Inflation and Deflation
- Designed for 1 Rider



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.



DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.



NOTICE is used to address practices not related to personal injury.

IMPORTANT SAFETY INSTRUCTIONS READ AND FOLLOW ALL INSTRUCTIONS

WARNING

USE OF THIS PRODUCT AND PARTICIPATION IN THE SPORT INVOLVES INHERENT RISKS OF INJURY OR DEATH.

- Not a lifesaving device.
- This product should never be used by children except under adult supervision.
- Never leave children unattended.
- Read the operator's manual carefully before using your Sportsstuff product.
- The watercraft driver is responsible for the doable towable and rider(s) since the doable towable is connected to the boat. The rider(s) may not be able to see where he/she is going. Maintain control of tube at all times, tube responsibly.
- Always have an experienced operator (driver) at the helm of the watercraft.
- Always have three or more people present for safe tubing: one to drive, one to be a spotter, and one or more to ride. Always have a person other than the driver act as a spotter.
- Spotter in the boat should keep the driver aware of the doable towable rider(s) status.
- Always keep a lookout for other watercrafts, boats, swimmers, doable towables, and other obstructions in the water.
- Do not tow in shallow water or within 100 feet (31 meters) of shore, docks, pilings, swimmers or other boats and obstructions. Use in the center of a clear boat path 200 feet (61 meters) wide.
- The watercraft driver should avoid excessive speed or sharp turns which might cause the doable towable to flip over, resulting in serious injury or death to the rider.
- Do not use at speeds that exceed the skills of the rider. Never exceed 20 mph (32 km/h) when towing adults or 15 mph (24 km/h) when towing children.
- Use a tow rope specifically designed for towables.
- Never operate the watercraft or ride the doable towable under the influence of alcohol or other drugs.
- Never place wrists or feet through the handles or towing harness. Ensure that the tow rope is clear of all body parts prior to or during use.
- Riders should keep arms and feet out of the water.
- Always wear a U.S. Coast Guard (USCG) approved Type III (PFD) ski vest or as recommended by proper government authorities.
- Do not exceed the manufacturer's recommended number of riders for this tube.
- Do not use this unit when it is under-inflated. The risks involved with this could include entrapment which may result in death or serious injury.
- Use a tow rope of at least 1500 lbs (680 kg) average tensile strength for pulling a single person, 2375 lbs (1.08 Mg) average tensile strength for pulling two people, 3350 lbs (1.52 Mg) average tensile strength for pulling three people, and 4100 lbs (1.86 Mg) average tensile strength for pulling four people on an inflatable tube. The tow rope should be at least 50 feet (15.24 meters) in length but not exceed 65 feet (19.81 meters).

SAVE THESE INSTRUCTIONS

RELEASE OF LIABILITY:

By assembling and inflating this product, you agree that you have read and understand the entire Sportsstuff's product manual, including all instructions and warnings contained in that material prior to using this product. You additionally agree that you will ensure any additional or subsequent users of this product will read and understand the entire operator's manual. Misuse or improper use of this product could result in risks, dangers and hazards which may result in serious injury or death. The risks and dangers that may be encountered through the improper use of this product can be avoided by reading and following the warning guidelines listed within the operator's manual and by proper use of this product. Your assembly and use of this product shall be evidence of your agreement, to the fullest extent permitted by law, to properly follow the instructions and abide by the warnings set forth within the product manual. Your assembly and use of this product shall also constitute a release, to the extent permitted by law, by you and by any third party permitted by you to use, in any manner, this product, to Sportsstuff from any and all liability for any loss, damage, injury and/or expense that you or any user of this product may suffer as a result of the use of this product. This release shall extend to any loss, damage, injury or expense due to any cause whatsoever, including negligence or breach of contract on the part of Sportsstuff and/or any party participating in the design and/or manufacture of this product. The terms of this release shall be effective and binding upon you, your heirs, next of kin, executors, administrators, assigns and representatives. Your assembly and use of this product shall constitute your agreement to assume and accept any or all known or unknown risks of injury to you and/or to third parties through the use of this product. Sportsstuff and related parties have not made and hereby expressly deny any oral or written representation and/or warranty, including warranty for a particular purpose, other than what is set forth herein and in the Sportsstuff's owners manual.

! WARNING

FOR 1-PERSON TOWABLES

Use of this product and participation in the sport of tubing involves inherent risks of injury or death. Before using this tube, read the owner's manual carefully. This tube is designed to carry no more than 1 person or 170lbs (77kg). Use a tow rope of at least 1500lbs (680kg) average tensile strength for pulling this tube and its rider. The stress on the rope is different from the stress on the tube, and will vary with the weight of the passengers, design, and surface area of the tube.

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ASSEMBLY AND INSTALLATION:

1. Locate the valve on the tube.
2. Inflate tube until it is firm to the touch (Please see the INFLATION section below for proper inflation instruction).
3. Close valve completely.

INFLATION:

Your Doable™ towable is equipped with the following type of inflation valve:



Speed Safety Valve - A hybrid valve utilizing the best of both the Oversized Safety Valve and the Speed Valve. Pulls out for fast inflation/deflation, then can be pushed in flush with the tube. For use with standard electric pumps, shop vac, wet vac, leaf blowers, and vacuums with a 2-way switch for fast inflation/deflation. Secure the valve by firmly fastening the bottom portion of the valve into the base. To inflate, open cap or top portion of the valve. Using the hose from your inflator, inflate through the top opening of the valve.

The best air pumps to use are:

- 110v electric: 2.5 psi (model #57-1509) or 3.0 psi (model #57-1508)
- Hand/foot pump specifically for towables: LP1 (model #57-1004)
- 12v pumps can also be used but their maximum output is only .8 psi so a secondary pump such as the Sportsstuff LP1 hand pump (model #57-1004) will need to be used.
- Leaf Blower
- Vacuum with two-way switch

Various types of air pumps are available from Sportsstuff at 1-888-814-8833 or online at <http://www.sportsstuff.com>

IMPROPER INFLATION



PROPER INFLATION



Photo "A" shows a severely underinflated tube. Note how the adult sinks in when standing on the tube. Under-inflation causes the towable to sit low in the water. Additional stress is applied to the tube, rope and boat/watercraft, by being dragged through the water instead of pulled across it. This stress causes the air in tubes to be displaced and the tube may rupture. The boat/watercraft cannot plane off and extra gas is consumed.

Photo "B" shows a properly inflated tube. Note how the adult barely sinks in when standing on the tube. This tube would ride high on the water, providing you with an exciting ride - less stress on the tube, rope, and boat/watercraft. Proper inflation will insure a longer life-span for your product.

Inflation Maintenance:

Finally, it is not enough to simply fill it up and go! It is important to monitor the amount of air in this product as heat will cause the bladder to expand, possibly causing damage to the seams or I-beams. If you leave a full tube sitting in the sun for any length of time, it will expand. Either store it in the shade, or let some air out. Don't let it sit on the beach, dock, or boat/watercraft full of air! At the same time, if it is stored out of the sun in a cool place, you may need to add air. Check and adjust inflation levels each time you use your tube. You'll have more fun, and your products will last longer.

QUICK CONNECT SYSTEM:

Using the aluminum quick connect system allows you to very quickly and easily hook a tow rope to the tow system on the tube. Follow the instructions below to properly attach the tow rope when using this system.



Step 1:
Find the loop on the end of your tow rope



Step 2:
Pull the end of loop under itself, back towards the knot



Step 3:
Slide the loops made in step two over the ends of the aluminum quick connect



Step 4:
Pull the rope tight

RIDING INSTRUCTIONS:

Bat-X-Ray PVC:

1. Boat Driver
 - a. The Doable tubes are designed so that the boat driver needs to only drive the boat straight. The rider should be able to maneuver the tube in and out of the wake by himself/herself.
 - b. The driver should read the manual and all warnings before pulling any towable.
2. Starting off
 - a. The rider should lie on their stomach and hold onto the front handles to start off.
3. Riding
 - a. Doables perform best in smooth water conditions. Riding Doables in choppy waters is much more difficult.
 - b. We recommend starting off slowly. The rider should only go straight until he/she gets comfortable with how the item handles.
 - c. Once comfortable going straight the rider can slowly try to slalom the Doable back and forth inside the wake. In order to go back and forth the rider needs to shift his/her weight to the side of the item in the direction that he/she wants to go.
 - d. Once the rider gets comfortable moving the item within the wake he/she can start going in and out of the wake. In order to get the Doable far outside the wake the rider will need to lay on the side of the tube in the direction he/she wants to go. The farther to the outside the rider is able to lean to while maintaining his/her balance, the farther outside of the wake the rider will be able to go. An advanced rider will be able to lay only on the wing and get almost parallel with the boat.
 - e. Once the rider gets outside the wake he/she will want to cut back into the wake

and jump it. The key to a good jump is maintaining enough speed going into the wake. The way to do this is by keeping the rope taut. The tauter the rider can keep the rope while cutting back into the wake, the more air he/she will be able to get when jumping the wake.

f. NOTE: Riding a Doable is not like riding a regular towable. In many ways it is more like skiing or wakeboarding. It takes practice to learn how to ride. Don't get frustrated. Keep trying.

PRODUCT MAINTENANCE:

Very little care is required for the bladder.

- You may clean your towable using soap and water or mild detergent.
- Never use strong cleaning agents.
- The towable, when clean and dry, can be deflated and stored in a cool, dry area out of direct sunlight.
- To deflate, simply unfasten the entire valve from the base.
- Avoid storing this product in areas of extreme temperatures and please take precautions against animals and rodents.

REPLACING PRODUCT PARTS:

If a leak or problem is suspected with your tube, locate the valve and deflate the item to inspect possible problem areas. Contact Sportsstuff warranty department for prompt parts replacement if a problem is located. For non-warranty parts replacement, follow the same procedure. When a replacement is received, repeat steps 1-3 in the ASSEMBLY AND INSTALLATION section.

TOW ROPE RECOMMENDATIONS FOR SPORTSSTUFF PRODUCTS:

The watercraft owner/operator is responsible for informing all the persons riding or using tow ropes of the WSIA Recommendations for tow ropes. Improper use of your tube and rope could result in serious injury or death.

- Following are the WSIA (Water Sport Industry Association) Recommendations for tow ropes:

Number of Riders	Combined Weight of Riders	Rope Tensile Strength
One	170 lbs 77 kg	1500 lbs 680 kg
Two	340 lbs 154 kg	2375 lbs 1.08 Mg
Three	510 lbs 231 kg	3350 lbs 1.52 Mg
Four	680 lbs 308 kg	4100 lbs 1.86 Mg
Sportsstuff recommendation- no current industry standard exists for 5-6 riders:		
Five-Six	1020 lbs 463 kg	6100 lbs 2.77 Mg

- A standard tow rope should be at least 50 feet (15.24 meters) in length but not exceed 65 feet (19.81 meters).
- The tow rope should be assembled in a manner appropriate for the watercraft and tow tube.
- Please check all rope connections for frays, cuts, sharp edges, knots and wear and tear before each use. Discard any ropes that appear to be worn. It is recommended that you replace each tow rope at the beginning of the boating season.
- Tow ropes are subject to stretching during use. Please warn riders and persons in the boat/watercraft of the danger of ropes recoiling.
- DO NOT place arms, legs or head in the handle section as serious injury may result.
- Ensure that the tow rope is free from all body parts prior to towing any rider(s).
- Do not use a tow rope with a bungee material to pull skiers or riders. This type of apparatus could also result in serious injury or death to the tube rider or passengers in the boat/watercraft.
- Ropes will deteriorate with direct sunlight exposure. Please store away from direct sunlight and discard any rope that is frayed, discolored or raveling.
- Do not add hardware to this product that is not supplied by Sportsstuff.

- Avoid the propeller and engine at all times. Should the rope become tangled in the propeller, shut off the engine and remove key from ignition before retrieving rope from propeller.
- The stress on the rope is different from the stress on the tube, and will vary with the weight of the passengers, design, and surface area of the tube.
- When in the boat, keep away from the tow rope to avoid injury. Passengers can be hit, or become entangled in the rope.
- Use proper tow rope for the activity.
- Ensure tow rope is clear of all body parts prior to starting out or during use.

WARNING! GENERAL USE AND SAFETY:

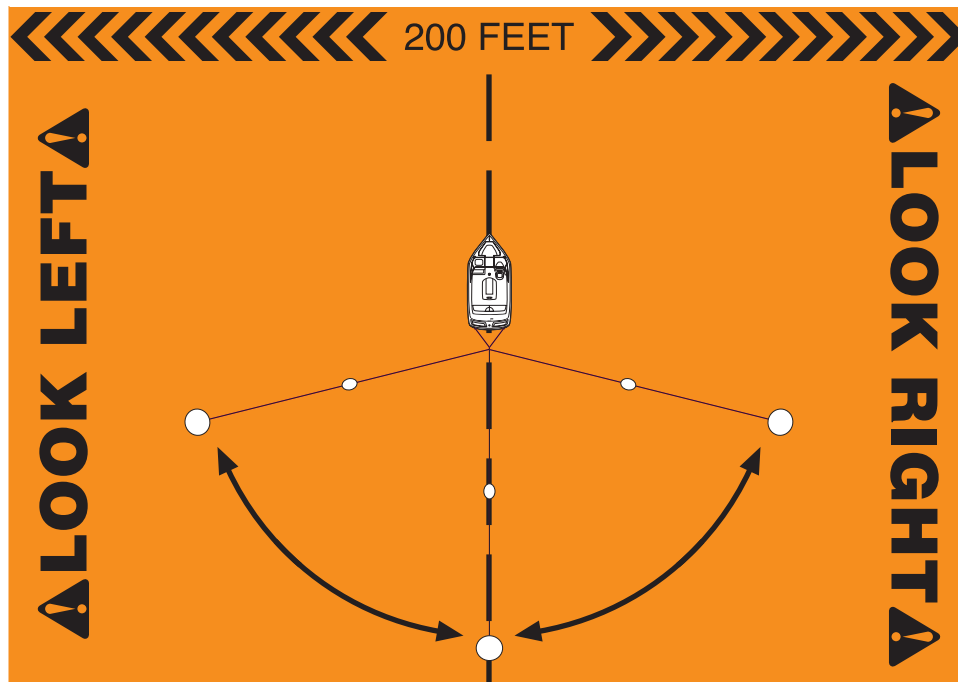
- When using a Sportsstuff product, you are engaging in an exciting recreational activity with inherent risks. Act responsibly and only use your product with the awareness of and willingness to accept the risks involved.
- Teach anyone using your tube how to attach it to the rope, how to ride it, and how to maintain it.
- Read all instructions and warnings provided to you in this operator's manual and those printed on the product. Do not discard this manual.
- As in any recreational activity, reckless use, misuse, inexperience and/or neglect of the proper equipment used may result in serious injury or death.
- Visually inspect the towable and tow rope before each use. Do not use if product or tow rope is damaged in any way.
- This product should never be used by children except under adult supervision.
- Never leave children unattended.
- Sportsstuff products are NOT to be used for rental use.
- Do not consume alcohol or other drugs while using this product. Even small quantities of alcohol and other drugs can impair judgment, balance, and coordination which can greatly affect one's performance.
- Make sure all riders are wearing a U.S. Coast Guard Type III (PFD) approved life vest at all times.
- Be conscious of the weather conditions as weather changes can occur very quickly.
- Check with your state or local government to learn their specific legal requirements concerning towables and towing.
- Use tow ropes that are designed specifically for towables with WSIA (Water Sports Industry Association) break strength guidelines.

WARNING! BOAT DRIVERS NOTICE:

- The boat/watercraft driver has the ultimate responsibility for the safety of the riders.
- Carefully survey the water before you begin towing riders.
- Do Not pull a towable without a rider. A towable is designed to have a rider in order to balance the weight distribution of the product
- Be aware of water conditions along with changes in the weather. The condition of the water greatly influences the type of ride the rider will have. Please take into consideration the age and physical ability of your rider.
- It is the boat/watercraft driver's responsibility to instruct the riders how to ride a towable. The boat/watercraft driver should carefully instruct the riders of potential risks and possible injury that may occur if they partake in careless behavior.
- At the beginning of the ride, carefully take the slack out of the tow rope. Never jerk start a towable. After the rider has signaled that he/she is ready, the driver can slowly bring the towable to a planing point.
- Most towables will plane out at 10 to 20 mph (16 to 32 km/h), depending on the weight of the rider(s). It is important to keep the nose of the item up until the item is planing.
- The resistance of the product varies widely with these factors: boat speed, turns, water conditions, number of riders and their weight, towable size, shape and function. The boat/watercraft driver should adjust the boat speed to fit these situations to minimize

resistance of the towable.

- Do not tow in shallow water or within 100 feet (31 meters) of shore, docks, pilings, swimmers or other boats and obstructions. Use in the center of a clear boat path 200 feet (61 meters) wide (see diagram below). Most accidents happen on turns and in congested areas.



- The boat/watercraft driver determines the speed and the action of the towable in turns and when crossing the boat/watercraft wake. In the straight-a-ways, the boat/watercraft towing speed is the same as the towable speed. The towable speed will increase when the boat/watercraft makes a 90 to 180 degree turn without increasing the boat/watercraft speed. If the boat/watercraft speed is 20 mph (32 km/h), the towable speed could be 30-40 mph (48-64 km/h). The "slingshot effect" sends the user outward from the center of the towable. Be aware of the limitations of the rider.
- Large wakes combined with the wave action and speed can contribute to a rough ride. Use a safe speed that enables the towable to plane out. The boat/watercraft driver should adjust the boat/watercraft speed and turns to fit the water conditions and the age, experience, skill and physical strength of the rider(s).
- Excessive speed or sharp turns might cause the tube to flip over abruptly, possibly causing serious injury to the rider.
- If the towable overturns, the boat/watercraft driver should not exceed 5 mph (8 km/h) until the towable is upright again.
- Driver must use extra caution approaching a fallen skier/rider and keep eye contact on fallen skier/rider at all times.
- Under normal conditions, the maximum safe speed for adults is 20 mph (32 km/h). Safe speeds for children are less than 15 mph (24 km/h), depending on the age and physical capability of the child.
- Please make sure your boat/watercraft is tow-worthy and has the appropriate horsepower to pull rider(s) and the tow tube. Do not exceed the boat/watercraft passenger capacity.
- Put the boat in neutral when near a fallen skier/rider. Turn the engine off when people

are getting into or out of the boat, or in the water near the boat.

WARNING! BOAT OWNERS WITH HIGH TOWER AND PYLONS:

- Tow/Ski towers are not designed for use with any inflatable tube towing.
- Use only lifting eyes/transoms on the boat for towing tubes with 2 or more riders.
- Do not tow any inflatable from a ski pylon or ski eye.
- Any tow pylon or ski pylons installed after market are not intended for inflatable tube towing.

WARNING! SPOTTERS NOTICE:

- Always use a spotter (observer) in the boat to communicate the needs of the rider to the driver.
- The spotter must be the eyes of the driver and the rider, always alert to recognize possible danger so proper action can be taken to avoid any risk to the rider.
- If the towable overturns, the boat/watercraft driver should not exceed 5 mph (8 km/h) until the towable is upright again.
- The spotter should hold up a safety flag cautioning all other boaters that riders are in the water.

WARNING! RIDER'S NOTICE:

- Do not use this item as a personal flotation device.
- Do not exceed the manufacturers recommended number of riders for your particular tube.
- Use a tow rope of at least 1500 lbs (680 kg) average tensile strength for pulling a single person, 2375 lbs (1.08 Mg) average tensile strength for pulling two people, 3350 lbs (1.52 Mg) average tensile strength for pulling three people, and 4100 lbs (1.86 Mg) average tensile strength for pulling four people on an inflatable tube. The tow rope should be at least 50 feet (15.24 meters) in length but not exceed 65 feet (19.81 meters).
- Only use this product with a responsible boat/watercraft operator who knows how to effectively operate the equipment.
- This product should be used in water only. Do not launch from dock or land.
- Do not use near piling, docks, shores or shallow water or other obstructions that could cause serious injury to the rider.
- Carefully instruct the other riders the proper way to attach rope and operate the towable.
- DO NOT strap or attach arms or legs to cover or tube. Never place hands or feet in between the tube and cover.
- Attempting to do stunts, aerial tricks, or jumps increases the risk of being seriously injured. Use good common sense to prevent serious injury at all times.
- If more than one tube is being towed, avoid collisions with other tubes.
- This item has no braking or steering mechanism and can develop high speeds under certain towing conditions. Use at your own risk!
- This product is not a life saving device.
- Take necessary breaks when you are tired.
- On a multi-rider towable, please take the necessary precautions and utilize common sense to avoid collisions with other riders.
- Never get near the propeller with the engine running, even if it is in neutral.

WATERSPORTS SAFETY CODE:

Watersports are fun and challenging but involve inherent risks of injury or death. To increase your enjoyment of the sport and to reduce your risks, use common sense and follow these rules:

Continued on next page...

WATERSPORTS SAFETY CODE:

Before you start:

- Familiarize yourself with all applicable federal, state and local laws, the risks inherent in the sport and the proper use of the equipment.
- Know the waterways.
- Always have a person other than the driver as an observer.
- Skier/rider, observer and driver must agree on hand signals.
- Never start out until skier/rider signals he/she is ready.

• Carbon Monoxide (CO) poisoning from engine exhaust may cause injury or death. Do not sit on the boat transom or swim platform while the engine is running. These activities may lead to excessive CO exposure which may cause injury or death. If you can smell engine exhaust while in the boat, do not stay seated in that position for prolonged periods. Never "Platform Drag" by holding onto the swim platform or be dragged directly behind the boat. An improperly tuned engine will produce excessive exhaust. Have your engine checked and corrected by a mechanic. Changing boat speed or direction relative to the wind can reduce or increase boat exhaust from accumulating near the boat and rider. Consult your boat Owners Manual, or the United States Coast Guard's website: www.uscgboating.org for more information on how to help protect others and yourself from the dangers of CO poisoning

- Use caution and common sense.
- Do not exceed the weight guidelines of your boat. Only use water ballast and people for additional weight. Do not allow passengers to hang outside the boat or sit on the gunwales outside the normal seating area of the boat. Uneven weight distribution or additional weight may affect the handling of the boat. Never allow water to overflow the gunwales of your boat.

THE WARNINGS AND PRACTICES SET FORTH ABOVE IN THE WATERSPORTS SAFETY CODE REPRESENT SOME COMMON RISKS ENCOUNTERED BY USERS. THE CODE DOES NOT PURPORT TO COVER ALL INSTANCES OF RISK OR DANGER. PLEASE USE COMMON SENSE AND GOOD JUDGMENT.

WARRANTY POLICY:

Sportsstuff warrants, to the original purchaser only, that their high performance products, when used for normal recreational purposes, are free from defects in material and workmanship for a period of ninety (90) days from the date of purchase. This warranty does NOT cover: products for rental, for hire and other uses not considered for normal recreational purposes; nor punctures, cuts, abrasions in normal use. For prompt parts replacement or warranty issues, contact Sportsstuff directly at 888-814-8833. Replacement parts are shipped within 48 hours of notification Monday through Friday. Do not return to your dealer (USA ONLY). This warranty is only valid in the USA.

If you have any questions about any Sportsstuff, Inc. product, replacement parts or locating a dealer in your area, contact us at:

Sportsstuff Inc.
11213 E Circle Suite A
Omaha, NE 68137
Toll Free: 888-814-8833
Tel: 402-592-9085
Fax: 402-592-1354
E-mail: customercare@sportsstuff.com

Warranty registration is available on-line at: <http://www.sportsstuff.com>

Prior authorization is required for returned merchandise. No credit will be given for a product that is sent back without prior authorization from Sportsstuff, Inc. After receiving an authorization number, please ship returned products to the following address:

Sportsstuff, Inc. Return Center
11213 E Circle, Suite A
Omaha, NE 68137
(Please label package with RA #)

