

TIRADE™

Operator's Manual



1-800-659-0790

www.ravesports.com

Table of Contents

Product Instructions and Warnings.....	2
Water Sports Safety Code	6
Inflating Instructions.....	9
Towing Recommendations	10
Trouble Shooting	11
Cleaning and Storage	11
Repairs	12
Return Authorization Policy	13
Warranty Information	14

Water sports can be safe and fun for all levels of enthusiasts. The Operator's Manual is presented to enhance your enjoyment of the sport. It is intended to alert you to some of the potentially dangerous conditions that can arise in all water sports.

Copyright ©

All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the publisher. Requests should be mailed to RAVE Sports, Inc., 3325 Labore Rd., St. Paul, MN 55110.



WARNING

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

1. This tube is designed to carry no more than two persons or 340 lbs
2. Use a tow rope of at least 2,375 lbs. average tensile strength for pulling this tube and its riders.
3. Read Operator's Manual before use. Do not remove warning.

Product Instructions and Warnings

To reduce the risk of injury or death using this tube, follow these guidelines:

- Carefully read this manual and follow the instructions.
- Only use your tube with a responsible watercraft operator who knows how to operate a watercraft properly
- Take all reasonable precautions in the use and operation of your tube and boat.
- Teach anyone using your tube how to attach it to the rope, how to ride it and how to maintain it.

Product Instructions and Warnings (continued)

- Do not exceed the manufacturer's recommended number of riders for your particular tube.
- If the tube is designed for more than one person, take extra precaution to avoid colliding with one another.
- Never strap or attach anyone to the tube or cover. Never put your feet or hands through the strapping of the towing system or handles. Never wedge your hands or feet under the cover or between the cover and the tube.
- Never attempt jumps or dangerous tricks with your tube. If more than one tube is being towed, avoid collisions with other tubes.
- Scout the area before use to avoid any debris or obstacles that might present a safety hazard.
- Know your own limits. Stop when you are tired. Act responsibly. Be in good physical condition and cautious in your use of this or any other towable tube.
- Check the rope and connectors for frays, cuts, sharp edges, knots, or wear before each use. Discard rope if any such condition exists or if rope appears to be worn. Such conditions may lead to breaks.
- Do not use tow rope with elastic or bungee material to pull riders. Such an addition can break or stretch, which may lead to injury of users or boat occupants.
- The stress on the rope is different than the stress on the tube, and will vary with the weight of the riders, design and surface area of the tube.
- Rope is subject to deterioration when exposed to direct sunlight. The life of the product will be extended when stored away from sunlight.

Product Instructions and Warnings (continued)

- The tow rope should be replaced when signs of deterioration appear, indicated by the existence of discoloration, wear, fraying or unraveling.
- Do not add hardware or attachments that are not otherwise supplied by the manufacturer.

W A R N I N G

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



WARNING

- **Do not use at speeds that exceed the skill of the rider. Boat speed should never exceed 20 mph for adults and 15 mph for children.**
- **This product should never be used by children except under adult supervision.**
- **This is not a personal flotation device.**
- **Always wear a U.S. Coast Guard approved Type III (PFD) vest.**
- **Never place wrists or feet through handles or towing harness. Ensure tow rope is clear of all body parts prior to or during use.**
- **Rider should keep feet out of the water.**
- **Watercraft driver is responsible for the ride since the tube cannot be controlled by the rider.**
- **Always have a person other than the driver observing the rider.**
- **Watercraft driver should avoid excessive speed or sharp turns which might cause the tube to flip over abruptly, resulting in serious injury to the rider.**



W A R N I N G

- **Do not tow in shallow water or near shore, docks, pilings, swimmers or other boats.**
- **Do not exceed the manufacturer's recommended number of riders for your particular tube.**
- **Use a tow rope of at least 1,500 lbs. average tensile strength for pulling a single person; 2,375 lbs. average tensile strength for pulling two people; 3,350 lbs. average tensile strength for pulling three people; and 4,100 lbs. average tensile strength for pulling four people on an inflatable tube. The tow rope should be at least 50 feet in length but not to exceed 65 feet.**
- **Do not operate watercraft or ride under the influence of alcohol or drugs.**
- **Read Operator's Manual before use.**

Watersports Responsibility Code

Water sports 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:

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 boat driver as an observer.
- Rider, observer and driver must agree on hand signals.
- Never start out until rider signals he/she is ready. Observer and rider should maintain eye contact.
- 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.

Your equipment and your tow rope:

- Inspect all equipment prior to use. Check tube and attachment point and flotation device prior to each use. Do not use if damaged.
- Always wear a U.S. Guard Type III (PFD) vest.
- Ropes should be attached to the watercraft in an approved fashion with hardware designed for pulling. Refer to your watercraft manual for instructions on proper tow rope attachment.
- Tow ropes stretch during use. If a rope breaks or is suddenly released, it can snap back into the watercraft. Warn all riders and occupants of the danger of the rope recoil.

- When in the boat, keep away from the tow rope to avoid injury. Passengers can be hit or become entangled in the rope.
- Inspect tow rope and its attachments before using. Do not use tow rope if frayed, knotted or damaged. Replace when signs of excessive deterioration are indicated by discoloration, broken filaments, unraveling or other obvious signs of wear on the rope or hardware.
- Use proper tow rope for the activity.
- Ensure rope is clear of all body parts prior to starting out or during use.
- Keep persons and ropes away from propeller when engine is running, even in neutral. Should rope become entangled in propeller, SHUT OFF ENGINE AND REMOVE IGNITION KEY BEFORE RETRIEVING ROPE.

When You Ride:

- Attempting land or dock starts can increase the risk of injury or death. **USE THIS PRODUCT ONLY ON WATER.**
- Always remove any slack in the rope between watercraft and rider before starting. Sudden shock loads may cause injury to the rider or failure of rope, resulting in snap-back or breakage.
- Do not ride in shallow water, near shore, pilings, docks, rafts, swimmers, other boats or other obstacles. Such obstacles are examples of risks that are inherent in the sport.
- The driver and rider must watch for and be able to stop or turn to avoid obstacles.
- Always ride in control and at speeds appropriate for your ability. Ride within your limits. Follow instructions on tube for safe speed limits.
- Do not ride over ramps or jumps.
- Falling and the injuries that may result are inherent risks in the sport.
- Use a flag to signal to others that a rider is in the water.

- Driver must use extra caution approaching fallen rider and keep eye contact on fallen rider at all times.
- Put the boat in neutral when near a fallen rider. Turn the engine off when people are getting in or out of the boat, or while in the water near the boat.
- Do not operate watercraft or ride under the influence of alcohol or drugs.

Inflating Instructions

CAUTION: DO NOT OVER-INFLATE. Use of an air compressor or over-inflation can rupture the tube beyond repair, thus voiding the warranty.

Step 1:

Lay TIRADE on a flat surface. Make sure there are no sharp objects under the product that might puncture the tube.

Step 2:

Remove the fiberboard insert from the rooster tail device.

Note: It is highly recommended that you keep this insert to place back into the rooster tail device during storage. Doing so will help maintain the shape of the device.

Step 3:

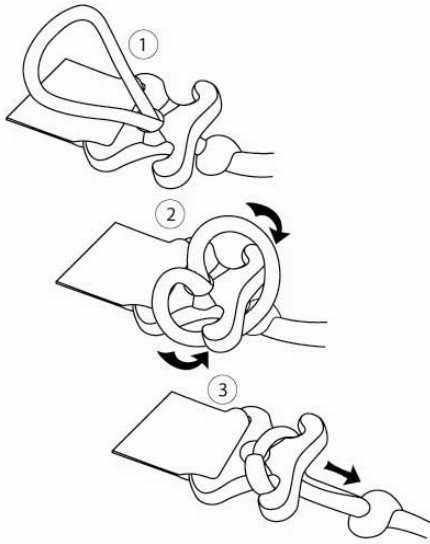
Locate the clear stem valves for the floors. Inflate floors first.

NOTE: Moisten the plug of the clear stem valve prior to inserting into the valve and push plug down into the valve body fully.

Step 4:

Locate the clear stem valves for the headrests. Inflate headrests second, making sure nylon cover is pulled down and fitted securely around headrests. Inflate the main chamber last. Check cover positioning during inflation and adjust if necessary.

Step 5:



Attach a properly rated tow rope (not included).

Important: Loop end of rope **MUST** pass through hole of the quick-connect prior to wrapping loop around hooks. Inspect condition of molded tow point prior to each use. Do not use if it shows signs of damage, cracking or breaking.

To Deflate:

- Unscrew entire valve body from base.

Towing Recommendations

For best performance and stability in turns, rider weights should be as equally balanced as possible.

Note: To avoid damaging the rooster tail device:

- Do not drag the product on the ground.
- Do not store product in excessively hot area.
- Do not tow or sit in the product while it is in contact with the ground.
- Avoid extreme shallow water starts as the weight of the rider(s) can depress the rooster tail device into the lake bottom causing damage during takeoff.

Troubleshooting

Air chamber(s) won't hold air:

- Check stem valves to ensure plugs are fully seated down into the valve body.
- Check main Boston valve to ensure plastic ring is not caught under the seal or cap.
- Check for holes in bladder following the procedures in the “Repair” section.

Cleaning and Storage

- When the inflatable product is not being used, we recommend that you store it in a covered, shaded area. This will help protect it against ultraviolet (UV) rays and extend the life of the product.
- Clean the inflatable completely with a mild soap and fresh water. **NEVER USE PETROLEUM BASED PRODUCTS OR SOLVENTS FOR CLEANING.**
- Product should be completely dry and remain dry while stored.
- Replace the insert into the rooster tail device.
- Roll the product loosely and place in a vented storage bag or container.
- Store in a cool, dry location. Do not store product directly on concrete surface. Place mothballs around stored inflatable to keep mice and insects away.
- Secure the product to prevent unauthorized or unsupervised use.

Repairs

For Minor Holes or Tears:

- Remove the inner bladder from the cover.
- Inflate the tube and locate the leak by spraying the tube with soapy water. Bubbles will appear where there is a leak.
- Determine the hole size and cut a circular patch $\frac{1}{2}$ - 1 inch wider than the hole.
- Remove air from the tube and dry tube completely where the patch is to be applied.
- Peel off paper back from patch, apply repair patch to area and work out any air bubbles from beneath the patch.
- Apply weight to the patched area for one hour before re-inflating.
- Put the bladder back into the cover.

NOTE: Ensure the outer edge seam of the bladder is aligned with the cover seam and is spread out evenly within the cover. A misaligned cover can cause distortion and less than optimal performance of the tube and rooster tail.

For Other Repairs:

- If the tip of the rooster tail device becomes bent, apply medium heat with a hot air gun or blow dryer and restore the shape. Install the fiberboard insert that came with the device. Let cool.

Return Authorization Policy

1. Customer agrees to ship the product covered by the Return Authorization (R/A) number within thirty (30) days of receipt of the R/A number. Customer understands that failure to ship the product within thirty (30) days will result in the forfeiture of the R/A. RAVE Sports, Inc. (RAVE) will not accept any product that fails to ship within the thirty day time period and the customer will be responsible for all expenses related to shipping and return of rejected product.
2. Customer agrees that RAVE, at its own discretion, will determine whether the product being returned under the R/A Policy is covered by RAVE's Limited Warranty.
3. RAVE agrees to notify or provide, within a reasonable time period , the customer with:
 - a. The acceptance or rejection by RAVE of the warranty claim with regard to the product returned.
 - b. For products outside of the Limited Warranty, a price quote for the repairs required to return the product to a usable state including a cleaning charge for excessively dirty products. The customer agrees that rejection of the price quote or failure to approve the price quote in accordance with Section 3(c) below will result in the immediate return of the product, in the condition it was received by RAVE, FOB shipping location to the address provided by the customer. Customer further authorizes RAVE to charge the customer's credit card for the costs of shipping and handling associated with the return of the product, and the customer agrees to accept such charges.
 - c. If RAVE does not receive an approval from the customer within 45 days of first attempt, the product will be returned to the customer at the customer's expense. Customer authorizes RAVE to charge the customer's credit card for the costs of shipping and handling associated with the return of the product, and the customer agrees to accept such charges.
4. Upon customer approval, RAVE will complete all necessary repairs. If while repairing the product additional damage is discovered and the cost of the repair is less than 10% of the original quote or \$25.00, RAVE will proceed with the repair. The customer agrees to accept these additional charges. If the additional cost exceeds 10% or \$25.00, RAVE will contact the customer for approval.
5. Once all repairs are complete, the customer authorizes RAVE to charge the customer's credit card for the costs of the repairs, and all shipping and handling associated with the return of the product, and the customer agrees to accept such charges.
6. RAVE will ship the product to the address provided FOB shipping location.

Terms and Conditions

Limited Warranty

1. The limited warranty set forth below is given by RAVE Sports, Inc. (RAVE) with respect to product(s) purchased and used in the United States and internationally.
2. RAVE's product(s), when delivered to you in a new condition in original container, are warranted against defects in material or workmanship for a period of one (1) year from the date of original purchase. Defective product(s) returned to RAVE or authorized service location and proven to be defective upon inspection, will be repaired or exchanged for new product(s) or part(s) where applicable. The warranty period for any replacement product shall begin upon shipment of the same, but shall in no event exceed the warranty period of the defective product.
3. When returning any product under this limited warranty, you must first contact RAVE to obtain a return authorization number and then return the product in accordance with RAVE's Return Authorization Policy. The product must be packaged in its original carton with a copy of the bill of sale (or invoice of purchase), together with a complete explanation of the problem and the other information required by the Return Authorization Policy. Shipping charges, if any, must be prepaid. Products covered by this limited warranty will be returned to you without charge by RAVE.
4. This limited warranty covers all defects encountered in normal use of the product and does not apply in the following cases:
 - a. Loss or damage to the product is due to abuse; mishandling; alteration; accident; vandalism; theft; failure to follow operating, maintenance or storage instructions; service performed by a party other than RAVE authorized service personnel; or any acts of God, including but not limited to storm damage or animal damage.
 - b. The product has had its serial number(s) or dating altered or removed.
- 5. NO IMPLIED WARRANTY (OR CONDITION), INCLUDING ANY IMPLIED WARRANTY (OR CONDITION) OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLIES TO THE PRODUCT AFTER THE APPLICABLE PERIOD OF EXPRESS WARRANTY STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY, EXCEPT AS MENTIONED ABOVE, GIVEN BY ANY PERSON, FIRM, OR CORPORATION WITH RESPECT TO THE PRODUCT SHALL BIND RAVE SPORTS. (SOME STATES OR PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU).**
- 6. RAVE SHALL NOT BE LIABLE FOR LOSS OF REVENUE OR PROFIT, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, OR FOR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE OR INABILITY TO USE THE PRODUCT REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF RAVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOR SHALL RECOVERY OF ANY KIND AGAINST RAVE BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY RAVE AND CAUSING THE ALLEGED DAMAGE.**
7. Without limiting the foregoing, you assume all risk and liability for loss, damage or injury to you and your property and to others and their property arising out of the use, misuse, or inability to use any product sold by RAVE not caused directly by the negligence of RAVE. (Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.) This limited warranty shall not extend to anyone other than the original purchaser of any product, or the person for whom it was purchased as a gift.
8. This limited warranty gives you specific legal rights, and you may have other rights which vary from state to state or province to province.



3325 Labore Rd.
St. Paul, MN 55110
1-800-659-0790
www.ravesports.com

August 2008