

OWNER'S MANUAL

Tri-Aids SwimSafe™

MODEL NO: XMSS400

SPECIFICATIONS:

Standard: Q/XMSS001-2004

Waist Size: 23 to 52 inches

Weight Range: over 60 pounds

Age Range: 13 years of age and older

Buoyancy (minimum): (50N) when fully inflated

Inflation System:

Manual Inflation Mechanism (located on your right side)

Inflation Time: less than 5 seconds

Oral Tube- (located on your left side)

General Product Life Expectancy: 5 years (with correct storage, use and care)

Co2 Cylinder: 16 Gram, neck 3/8 inch-24-UNF 1A

FITTING INSTRUCTIONS

Practice putting on the SwimSafe belt and adjusting before use or prior to in-water testing.

STEP 1: Put the SwimSafe belt around your waist, with the large and small buckle to the front.

STEP 2: Close large buckle, then adjust waist strap through slide until it is comfortable and a snug fit is obtained. Close small buckle and do the same.

STEP 3: Slide the belt around your waist so the red pull handle hangs on the right front side of your waist.



Oral Inflation

INSTRUCTIONS FOR USE

1. Check the following before using this PFD:

- Inspect PFD for damage
Make sure that the PFD is free from rips, tears or punctures. This type of damage on the outside covering indicates that the Inflatable chamber may have been exposed to potentially damaging elements. If these defects are noticed, discontinue use of PFD until you have the PFD inspected by an authorized repair facility. The inflatable chamber should be checked for leaks at the beginning of each season and at least every two months. The leak test procedure is described under user's inspection. (Refer to Page 4)
- Examine the Inflation Mechanism status indicators.
Manual inflator has a single indicator for the pull to Inflate Lever.
- Examine your co2 cylinder
The co2 cylinder contains the gas charge that will inflate your PFD when you jerk the pull-tab firmly downward. You must verify that the co2 cylinder installed is of the correct size and has not been previously used. To examine the cylinder, you must unscrew it and visually examine the flat surface on the threaded end (see step 4 and 5 on page 6). There are no indicators to show that the co2 cylinder is full. The cylinder needs to be replaced if there is any visible damage on the flat surface. See the product specifications section inside the front cover of this manual to determine the proper size cylinder. (Proper cylinder size includes both thread size and co2 gram weight). If the cylinder is ok, you must properly screw it back into the mechanism. If the cylinder is damaged, discard and install a new, undamaged cylinder into the mechanism.

Addition Notes on co2 cylinder:

- Failure to properly rearm the inflation mechanism prior to installing the co2 cylinder will result in immediate inflation (firing of the gas cylinder).
- Co2 cylinders are for one use only and cannot be recharged.
- Co2 cylinders are made with a protective coating that may wear off after a period of use or exposure to the environment. When this coating is worn off, the co2 cylinder may start to show signs of rusting. If this occurs, replace the co2 cylinder.

2. Rearming and Indicator Check Instructions

- The back cover of this manual provides the REARMING and INDICATOR CHECK INSTRUCTIONS for the mechanism on your PFD.

3. Fitting Instructions

- See inside front cover for diagram instruction. After putting on SwimSafe belt, locate the red handle “Jerk to Inflate” tab for the mechanism. It should protrude from the PFD as shown on the diagram. Make sure that you are comfortable locating the red handle “Jerk to Inflate” tab with right hand. Should an emergency develop, be prepared to use it! Always wear your PFD over, not under clothing.

4. Inflation Instructions

- MANUAL INFLATION-To inflate, grasp the red handle “Jerk to Inflate” tab and pull down firmly.
- ORAL INFLATION-The Oral Tube is located on the wearer’s left side. Open up the left side of the PFD and grasp the Oral Tube and bring to mouth. Blow air through the Oral Tube until the Inflatable Chamber is firm.
- COLD INFLATION-Oral Inflation may be required in addition to manual inflation if chamber is not firm due to cold temperatures at or below 40° F (4° C). Inflation Time using CO2 gas will be longer at these temperatures.
- OTHER INFLATION INSTRUCTIONS

ATTENTION:

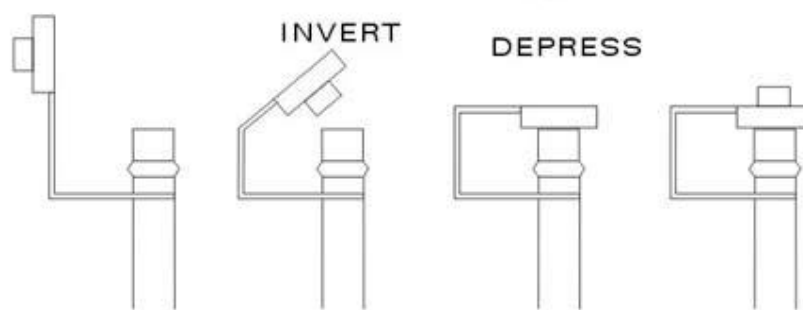
- ① CAUTION-Do not inflate the PDF orally and then manually inflate with the CO2 cylinder. This can damage the PFD to the point that it will not hold air or float.
- ② Never inflate this PFD with a Pump or Air-Compressor.

5. Deflation Instructions

- Depress Oral Valve (located inside end of Oral Tube) using either the protective cap or tab provided by inserting into the end of Oral Tube, see drawing. Gently compress air out of inflatable chamber while depressing the Oral Valve.

If for any reason the Oral Valve remains open, depress it several times. If it does not release, discontinue use of this PFD and take it to a certified repair station.

FOR DESIGNS WITH EXTENDED CAP



6. Other Use Guidelines

- Avoid all unnecessary activities that will be abrasive to the PDF.
- When wearing the PDF use extreme caution around sharp objects.
- Avoid unnecessary exposure to the sunlight. See GENERAL PRODUCT LIFE EXPECTANCY below.
- Inflatable PFDs are not designed for activities in which the wearer expects to encounter impact with the water at a high-speed such as water skiing, riding personal watercraft, etc.

CARE AND MAINTENANCE INSTRUCTIONS

1. General Product Life Expectancy

- The reliability and service life of this PFD depends greatly upon how it is used and cared for. Avoid storing PFD in direct sunlight. Sunlight contains ultraviolet radiation that weakens synthetic materials. Prolonged exposures to high temperatures and high humidity may shorten service life of this PFD. While it is known that these elements degrade the materials, every use environment is unique so there is no sure way to estimate how long the PFD will last. It is for this reason that you must follow the Care and Cleaning Instructions and perform the maintenance and service checks. Failure to follow these instructions rigorously could result in a non-functioning PFD causing Injury or death.

2. Care and Cleaning Instructions

- Drying - If the PDF is wet, place on a coat hanger to allow thorough drying. Do not place in direct sunlight to dry. Do not use any heat source or place on radiator.
- Cleaning - Damp wipe only with mild detergent recommended for synthetic fabrics. Remove grease and oil immediately. Always rinse well with fresh water.
 - DO NOT MACHINE WASH
 - DO NOT MACHINE DRY
 - DO NOT DRY CLEAN
 - DO NOT BLEACH

3. Inspection

- User's Inspection – The user should perform the following checks before each season, or as recommended below:
- Leak Test – This test should be performed every two months and at the start of each season. Inflate buoyancy chamber using the oral inflation valve and leave to rest for 16 hours. When buoyancy chamber remains firm and full of air there is no leakage and chamber is in operational condition. If the chamber deflates, immediately bring to a Repair Facility for repair.

- Test of Oral Valve – Remove the dust protection cap. With the PFD inflated, test the valve by pushing it down using the tab provided on the cap (Refer to Page 3). The valve should depress easily and when released return to closed position and reseal.
- Physical Inspection of Cover and Straps – Examine outer shell fabric, seams, webbing attachments, buckles, slides, etc. Fabric fading can indicate a loss of strength. Check for strength by pulling seams and attachments snugly. If device shows any signs of damage, return to a certified Repair Facility or replace the entire device. This inspection should be performed each outing.

4. Storage

- STORE IN CLEAN, COOL, DRY AREA.

WHY ARE PFD.s REQUIRED SAFETY EQUIPMENT?

Drowning is the leading cause of fatalities involving recreational water activities. A PFD provides flotation to help keep your head above water, help you to stay face up in the water, and increase your chances for survival and rescue. Most adults only need an extra 7-12 pounds of flotation to keep their heads above water. The proper size PFD will properly support the weight of the wearer. Since this inflatable PFD does not have inherent buoyancy, it provides flotation only when inflated. Familiarize yourself with the use of this PFD so that you will know what to do in an emergency.

HOW DO YOU TEST YOUR PFD

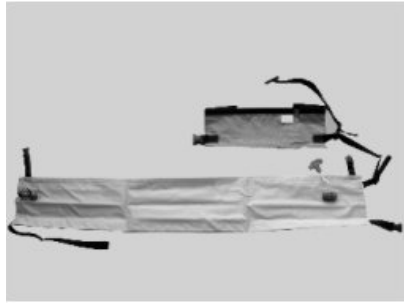
1. Put the (deflated) PDF on and get into shallow water (just deep enough so you can stand with your head above the surface).
2. Actuate the inflation system. Pull the red handle and the PFD should fully inflate.
3. When fully inflated, place the air bladder just under your arms, draw the legs up to a seated position and see if PFD will float you.
4. Remove, deflate, dry, and REARM THE PFD in accordance with the manufactures instructions!

REMEMBER: Inflatable PFD'S, especially belt packs are not recommended for weak or non-swimmers.

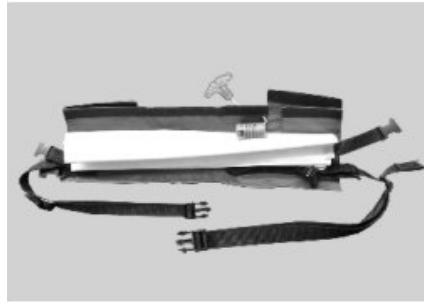
WEAR YOUR PFD

In approximately 80 percent of all recreational water fatalities, the victims were not wearing a PFD. Most fatal accidents happen on calm sunny days. This inflatable PFD is much more comfortable to wear than other PFD types. Get into the habit of wearing this PFD.

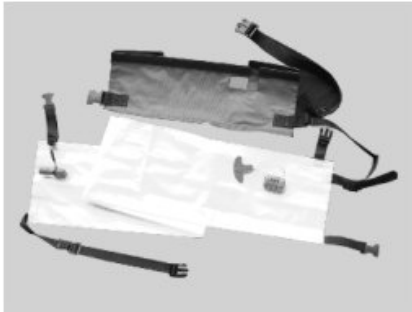
PHOTOS OF REPACKING INSTRUCTIONS



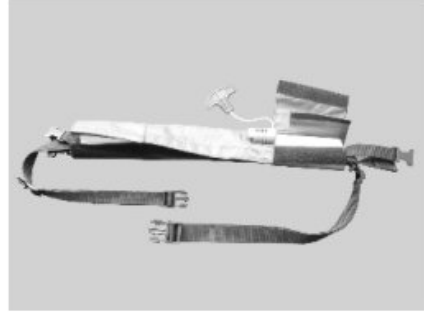
Step 1



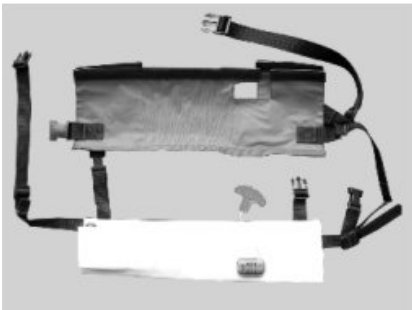
Step 5



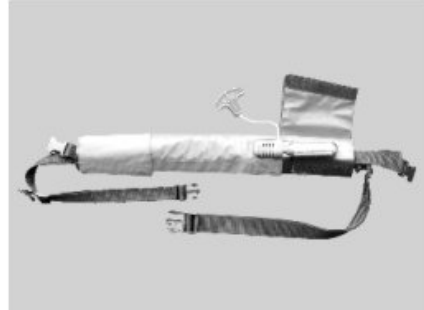
Step 2



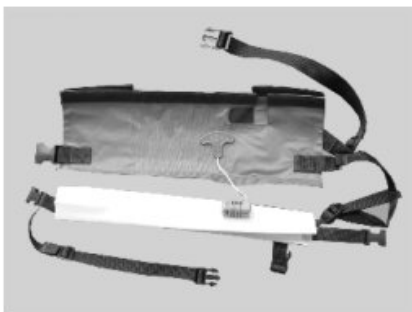
Step 6



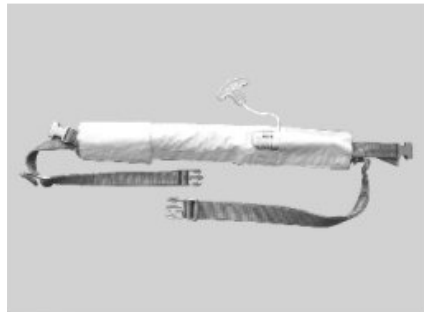
Step 3



Step 7



Step 4



Step 8

EACH OF THESE DEVICES IS INTENDED TO HELP YOU SAVE YOUR OWN LIFE

For your PFD to function properly follow these suggestions to verify that it fits, floats, and remains in good condition.

1. Check the inflation mechanism status indicators before each use.
2. Get in the habit of rearming the inflation mechanism right after each inflation.
3. Try your PFD on and adjust it until it fits comfortably in and out of the water.
4. Do not alter your PFD. If it doesn't fit properly, get one that does.
5. If your PFD is wet, allow it to dry thoroughly. Store it in a well-ventilated area.
6. Do not dry your PFD in front of a radiator or other source of direct heat.

REARMING INSTRUCTIONS

Step 1: Unscrew used co2 cylinder in a counter-clockwise direction and immediately discard. Do not insert new cylinder at this time. To avoid confusion later in the rearming process, we suggest you throw away the old co2 cylinder now.

Step 2: Close manual inflator arm within inflator body.

Step 3: Look into threaded cylinder receiver and view the gasket. If worn, replace with a new gasket.

Step 4: Inspect the flat surface on the neck of the new co2 cylinder. Be sure it is smooth and has no holes or scratches.

Step 5: Screw the new co2 cylinder in a clockwise direction firmly into the inflator. Do not over-tighten, but ensure the fit is tight.