

SEACURITY™

& SWIMMERS SEACURITY™

MANUAL INFLATABLE HORSESHOES



SURVIVAL TECHNOLOGIES GROUP

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OWNER'S MANUAL

Instructions for the use, care and maintenance of your Seacurity

Your Personal Inflatable Horseshoe has been designed to provide a compact, rugged, fast-acting and reliable flotation device to supplement Coast Guard required PFD's. SEACURITY is not intended to replace USCG approved units. Your SEACURITY has been inflation tested and packed at the factory to rigid standards. SEACURITY is designed for years of service given the care and maintenance procedures in this manual.

Seacurity/Model No. B01300

The manual model is simple to operate and inflates rapidly. All that is required is to pull the front flap all the way down with a swift motion. This action pierces a CO₂ cylinder which inflates the horseshoe. When inflated the horseshoe provides 35lbs. of buoyancy (enough to support 400lbs of bodyweight in the water).

Swimmers Seacurity/Model No. B01310

Operates in the same manner as above, but Swimmers Seacurity provides 25lbs. of buoyancy when inflated (enough to support 300 lbs. of bodyweight in the water).

NOTE: SEACURITY and SWIMMERS SEACURITY are basically identical in repack instructions. Please note the following differences: Size of CO₂ cylinder and the size of the horseshoe.

Wearing your Seacurity

SEACURITY must be worn with a strong belt and positive buckle to provide a means of assuring that the inflated horseshoe remains tethered to the wearer. The unit can also be worn as part of your safety harness system, either on the chest or shoulder strap. SEACURITY should always be worn on the outside of all clothing. Survival Technologies highly recommends owners exhibit prudence and discipline by using SEACURITY when boating regardless of weather conditions or sea state.

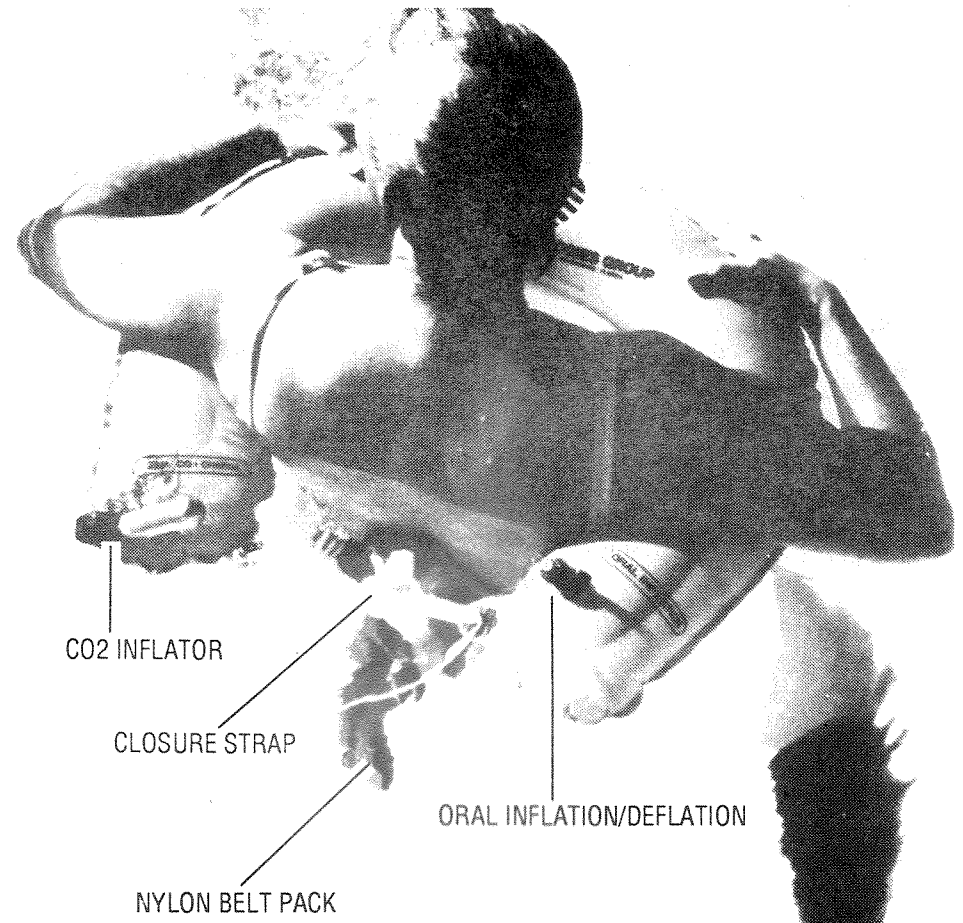
Warnings & Cautions

Not recommended for children under 12 years of age or for people who do not swim. SEACURITY is a horseshoe-shaped device that requires action by a conscious person who is not panic-stricken. The device will not float an unconscious person in the face-up position. If the retaining strap is not closed after donning SEACURITY there is danger that you can slip out of the horseshoe.

It is recommended that you become familiar with the operation, inflation, and flotation characteristics of SEACURITY by a trial inflation, in the water, in a non-threatening controlled situation. This trial will provide you with experience and give you confidence about using the equipment in a genuine emergency situation. Do not jump from a height with the horseshoe already inflated.

In-the-water use

SEACURITY is very simple to use. To deploy the unit, grab the front flap marked PULL TO INFLATE and pull sharply down all the way. This activates the CO₂ charge and inflates the horseshoe in approximately 2.5 seconds. The inflated horseshoe is attached to the case with a 6' nylon line. Activation of the unit should only take place when you are in the water at the surface. Once the horseshoe is inflated, place it under your arms with your chest at the closed end of the horseshoe. Rotate 90 degrees and close the retaining



strap. After inflation of the vest in the water avoid body movement or wasteful expansion of energy as much as possible. Remain as calm as possible. Should the inflatable cell lose some buoyancy (become soft) due to the contraction of CO₂ gas in cold water over a long period, remove the cap from the oral tube and blow into the valve. Replace the cap on the oral tube after you have "topped-off" the inflatable.

NOTE: CO₂ gas molecules are smaller than the coating on the fabric of your SEACURITY. In 24 to 36 hours the horseshoe will become slightly soft due to "leaching" of the gas. This is perfectly normal and is in no way a product defect.

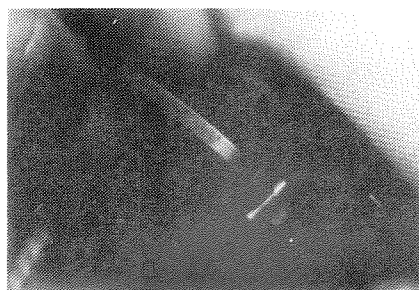
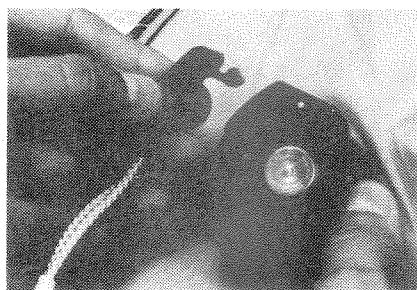
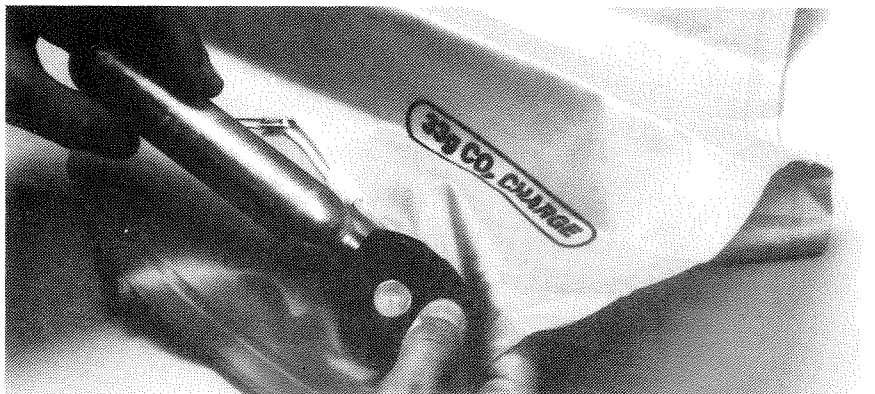
Repacking

Deflation

To deflate SEACURITY remove the cap from the oral tube and turn it upside-down in the top of the tube. Hold the cap in this manner and press the inflatable until all of the gas is allowed to escape. *Hold the oral tube away from your face and do not inhale the CO₂ gas.* Remove all the gas from the vest. Replace cap over tube (closed position).

Arm and charge the inflator

Unscrew the expended CO₂ cylinder and discard. Look inside the inflator



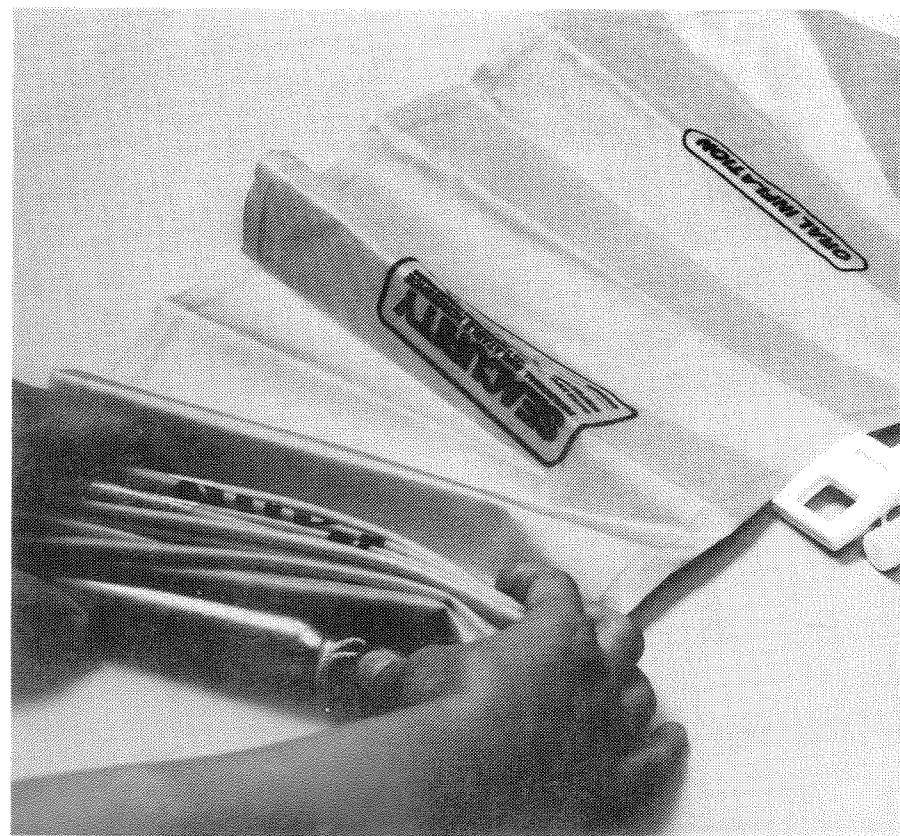
and examine the small rubber O-ring in the bottom to make sure it is not broken. Detach the linkarm lanyard from the beltpack flap and insert the trigger into the inflation valve housing. Rotate the trigger arm and look inside the threaded part of the housing to make sure the pierce pin is working. Screw a new CO₂ cylinder into the valve and hand tighten.

NOTE: You must use only a 33 gram CO₂ cylinder (STG part number S30202-33) for the large SEACURITY, and only a 25 gram CO₂ cylinder (STG part number S30202-25) for SWIMMERS SEACURITY. These cylinders are not interchangeable.

Folding the horseshoe

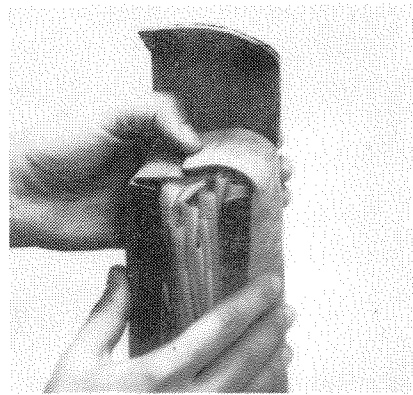
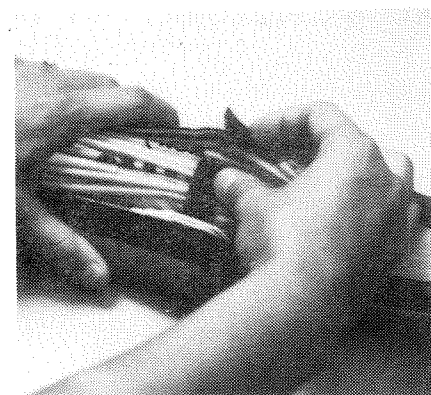
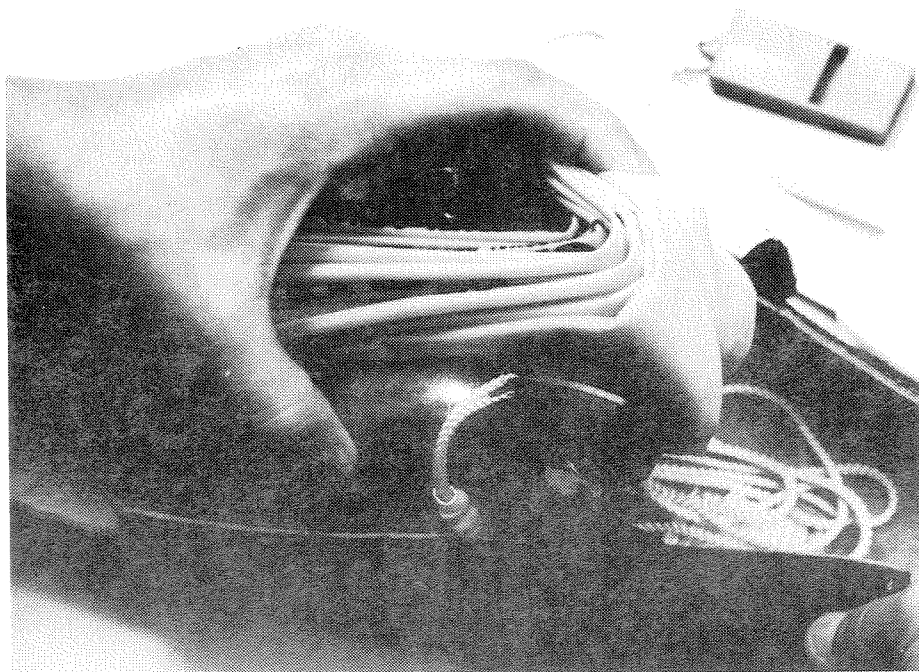
Lift the charged inflator and fold the grommet and strap under the inflator. With the lanyard held as shown, fold the horseshoe over the buckle to prevent fouling during inflation.

Begin making 1-1/2" accordin folds as shown. When deflated, your SEACURITY should indicate these folds because the fabric has creases.



Try to fold along these same creases. Creep the material towards you continuing to make the accordeon, keeping the charged inflator flat to the folds. As you continue to gather around the curve of the horseshoe the folds should be wedge shaped. Keep the inside edge of the curve as even as possible and the gathered folds neatly stacked for easy insertion into the case.

Continue the accordeon folds around the horseshoe until the oral inflation valve is reached. All excess gas should be purged from the horseshoe at this time. Firmly re-fasten the cap over the oral valve in the closed position. Make the last fold with the oral inflation valve inside the last fold of fabric.



Repacking the horseshoe in the case

Hold the entire accordeon bundle as shown. Fold the excess compactly behind the oral inflation valve leaving the charged inflator exposed. Coil the tether into the case and place the bundled horseshoe into the nest of the case.

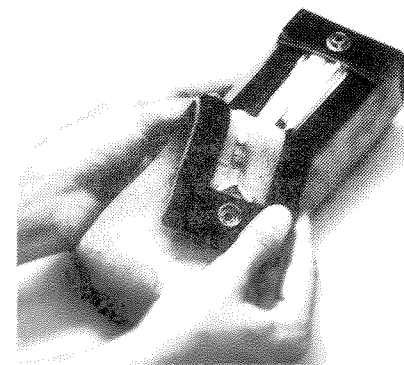
Fold the retaining strap and place in in the bottom of the case. Place the whistle (SWIMMERS SEACURITY does not have a whistle) along side the horseshoe above the oral valve.

Tack together the velcro tabs to hold the horseshoe in place. Going to the top of the case, fold over excess part of horseshoe and fasten together the two "ears" on the top of the case.

Close the case

Make certain that the linkarm lanyard to the CO2 inflator valve is not tangled. Fish it out from under the velcro strap and reconnect the two small keeper links. This lanyard **must lay over the top of the velcro strap**. The SEACURITY is now charged.

Completely close the flap and snap shut. Work the sides closed so that the velcro edges meet cleanly and evenly. Your SEACURITY is now armed, charged and packed for use.



MARINE PRODUCTS LIMITED WARRANTY

Any implied warranties of merchantability and fitness for a particular purpose refer only to this buoyant device's construction and operation. No buoyant device of any kind has ever been a sure guarantee against drowning. This device is intended to provide buoyancy to support a conscious person in the water by providing a floating object onto which he/she can hold. It is not intended to be a substitute for a PFD. This product has an indefinite shelflife providing it is properly cared for and maintained. However, exposure to environmental conditions may cause deterioration of some materials and the manufacturer suggests it be either factory inspected or inspected by an authorized inspection station at least once each 24 months.

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SPECIFICATIONS AND PRICES SUBJECT TO CHANGE WITHOUT NOTICE

NOTICE

The horseshoe in this SEACURITY is now a 25 gram unit, enough to support 300 pounds of bodyweight in the water. This new lightweight horseshoe is designed to make wearing and repacking easier without sacrificing quality or performance. Please make note of this when reading the owners manual and for replacement of the CO₂ cylinder. All other features and repacking instructions remain the same. STG 10/91