

REPAIR INSTRUCTIONS

WORK SPACE AND TOOLS:

- 1) Take care to position yourself in a clean, dry area with good ventilation. For proper curing of adhesives, temperature should remain above 10°C. In most cases you will need enough room to inflate the product.
- 2) Recommended items for leak repair (*not included*):
PVC Patch material, PVC Glue, glue brush, glue applicator, pencil, and rubbing alcohol, air pump, sharp scissors and/ or razor knife, dish washing liquid, water, small bowl or spray bottle, 120 Grit sandpaper, solvent such as MEK (Methyl Ethyl Ketone), clean dry cloth.

LOCATE LEAKS:

- 1) If there is a problem with air leaks, you will need to locate the leak(s) first.
- 2) Inflate the product fully. Some small leaks can close themselves at lower air pressures, so it is best to maintain full pressure by re-inflating periodically while checking for leaks.
- 3) Use a soapy water solution (50% / 50% dish soap & water) and a cloth to check for leaks. Work slowly around the product spraying or swabbing-on soapy water solution. Look for growing bubbles, which indicate a leak.
- 4) Once a leak is confirmed, dry the area well, mark it and prepare to patch.
- 5) Use solvent (MEK or Rubbing Alcohol) and a fresh cloth to clean the area to be patched, removing all debris.
- 6) Dry-fit the patch again and use pencil to carefully outline where the patch will be located.
- 7) Next, use the glue and glue brush to spread glue. Try to work neatly and quickly.
- 8) Using disposable brush, apply a thin, even layer of glue to the repair area making sure to cover the area completely. Stay INSIDE the pencil outline.
- 9) Using disposable brush, apply a thin, even layer of glue to the back of the patch making sure to cover the area completely.
- 10) Allow glue to cure for approximately 60 seconds.
- 11) Starting at one corner, carefully align the patch over the repair area using the pencil outline as a guide. Once the two surfaces touch, the bond will be immediate, so take care.
- 12) Starting at one corner and working outward, carefully apply the patch to the repair area using very firm pressure.
- 13) Rub the entire patch area using the glue applicator and the edges of the patch using very firm pressure.
- 14) Allow to cure for at least 24 hours before inflating.

WARRANTY

Malmsten warrants this product to be free of defects in material or workmanship to the original purchaser for ONE (1) year.

This warranty is subject to the following limitations:

- 1) Warranty is valid only with dated proof of purchase in the form of the original invoice.
- 2) Malmsten will make the final warranty determination which may require inspection and/or photos of the product which clearly show defect(s). We require the above be sent to another location of our choice, freight prepaid, or by email to info@malmsten.com
- 3) If a product is deemed to be defective by Malmsten the warranty covers the repair or replacement of the defective product only. Malmsten will not be responsible for any costs, losses, or damages incurred as a result of misuse of the product.
- 4) This warranty does not cover damage caused by misuse, abuse, neglect, or normal wear and tear, including, but not limited to, punctures, dragging the product over the ground, damage due to excessive sun exposure or seam failure due to over inflation in the sun, damage caused by improper handling and storage, damage caused by use in waves or shore break, and damage caused by anything other than defects in materials and workmanship.
- 5) This warranty is voided if any unauthorized repair, change, or modification has been made to any part of the equipment. Authorization for such must come in writing from Malmsten.
- 6) The warranty for any repaired or replacement equipment is good from the date of the original purchase only.
- 7) Any warranty claims must be accompanied by the original purchase receipt. The date of purchase must be clear and legible.



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1310014 - Swim Course Marker Buoy, Small 1310013 - Swim Course Marker Buoy, Large



READ THIS MANUAL CAREFULLY BEFORE USING THIS PRODUCT!

INFLATION INSTRUCTIONS

STEP 1:



• REMOVE VALVE CAP

STEP 2:



• MAKE SURE INNER VALVE IS CLOSED

STEP 3:



• INSERT AND SECURE PUMP END

STEP 4:



• INFLATE FEATURE

STEP 5:



0,5 bar inflation !
7 psi inflation !

• DO NOT OVER INFLATE!

STEP 6:



• SECURE CAP BACK IN PROPER CLOSED POSITION

INFLATION INSTRUCTIONS

1. Locate a flat, dry area with access to electricity. Ensure that all debris has been removed from the area. Place the feature in the center of the setup area while inside the box.
IMPORTANT: Sliding or dragging the feature across the ground can damage the feature and void the warranty. Ensure the setup area is in an area with easy access to water. Caution should be taken when moving products due to the large size and weight.
2. Once the feature is properly placed in the setup area, remove the carry cover and unfold the feature. Make sure that all valves are in the OPEN position. Locate the valve
3. Close the valve and attach the inflation hose to the chamber. Inflate the chamber to 7 PSI (0,5 bar). Check for proper air pressure using a manometer. After inflation, replace the primary valve cover. The chamber should be firm when inflation is complete.
DO NOT OVER-INFLATE. Pressures higher than recommended can damage the product and may void warranty.

ANCHORING

IMPORTANT: Proper anchoring is essential to the safety and performance of your product. Due to the wide variety of conditions, we advise using a professional skilled in mooring and anchoring, and experienced with local conditions. If improperly anchored, the product can move and/or float away. Malmsten is not responsible for any damage, injuries or losses due to improper anchoring.

- 1) Choose a location for your buoy. Make sure the water depth is at least 2 meters. Review your lake rules and restrictions with your local authorities.
- 2) Carefully check the water and seabed below the selected area for sharp or dangerous objects (i.e. rocks or stumps). Keep a safe distance from docks, boats, boat lifts, and any other structures. **DO NOT** tie the product to a dock!
- 3) Anchors and anchor chain are sold separately. Due to the wide variety of conditions (water depth, water type, seabed type, currents etc.) consult a local mooring/anchoring professional for anchor building guidelines.
- 4) When the product is in place, Bungee cord to the anchor chain. **BE SURE TO ALLOW** enough slack in the anchor chain to allow the product to move in wind or waves without displacing your mooring.
- 5) If strong winds or storms are expected, it is best to remove the product from the water and secure or store it.

CARE AND MAINTENANCE:

- 1) While your product has been initially treated with UV protectant, long-term exposure to sunlight will damage the product. Regularly apply a PVC safe UV protectant to the exposed surface of the product to ensure the life of your product. Monthly application while the product is in use is required. **NOT DOING THIS WILL VOID THE WARRANTY.**
- 2) **WARNING:** Certain products, especially petroleum-based solvents, cleaners and protectants such as Armor can damage the product and use of these products will void the warranty.
- 3) **WARNING:** Use of a high-pressure washer will damage the product and void the warranty. To clean, use a soft bristle brush with mild soap and fresh water.
- 4) Check the inflation of your feature often. Check for proper air pressure using a manometer. Maximum expansion will occur in the heat of the day. Proper inflation is critical to the safe operation of your product and will prolong damage from wear.

STORAGE:

- 1) Before storing, place the product on a clean, level area. Clean with mild soap and water and allow to dry completely. Apply PVC safe UV Protectant to all surfaces of the product before deflating.
- 2) Remove all attachments and store in a sealed container (i.e. a plastic covered box or bin).
- 3) Remove **ALL** of the air from the product using the deflation end of the high output inflater/deflater. If some air is left in the tube, it may freeze causing cracking.
- 4) Fold the deflated product in half (width), then roll loosely toward the valve.
- 5) Store the product out of direct sunlight and protected from the environment in a clean, dry location. It is best to store inside a container with moth balls to prevent damage from rodents. **NEVER** store uncovered, in a damp location, or on a concrete surface! **NEVER** store at temperatures below 10 degrees C.