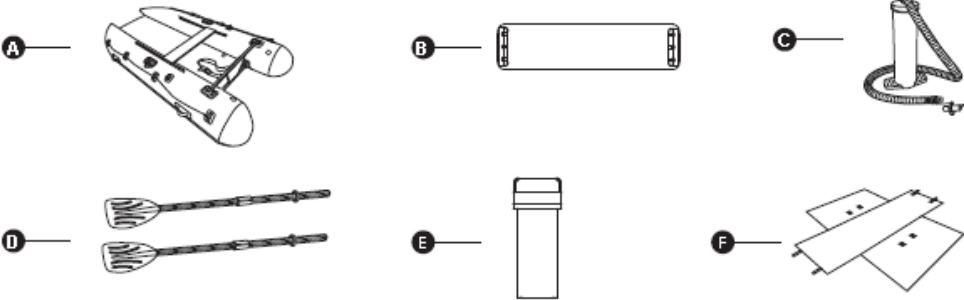


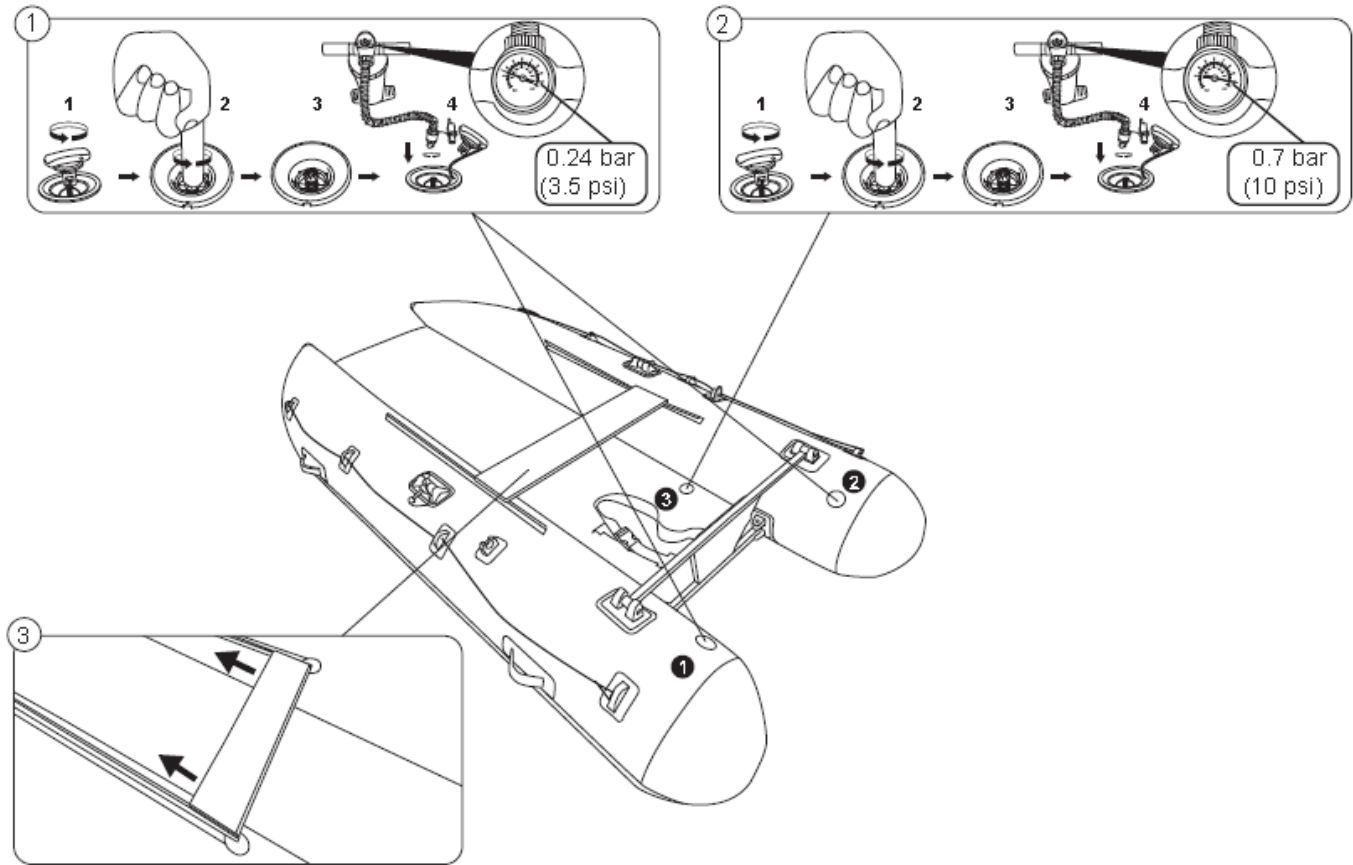
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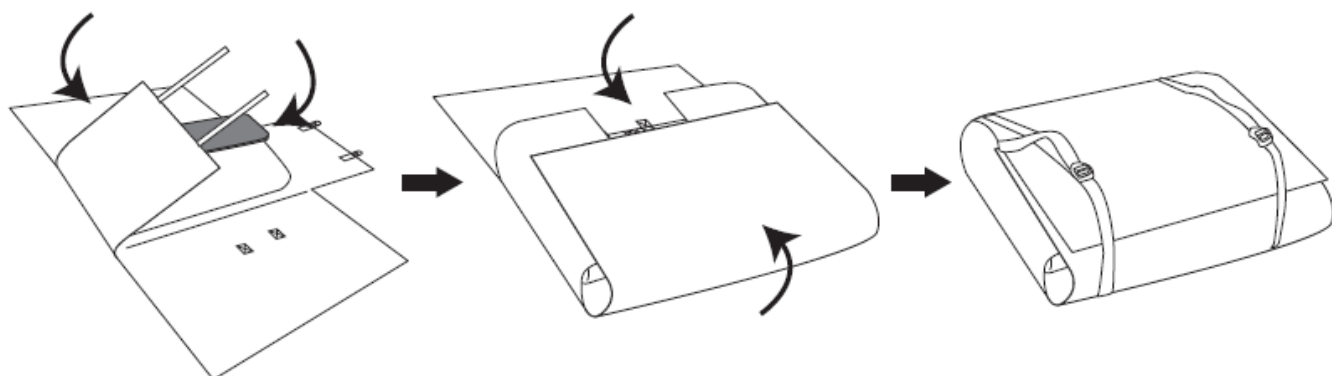
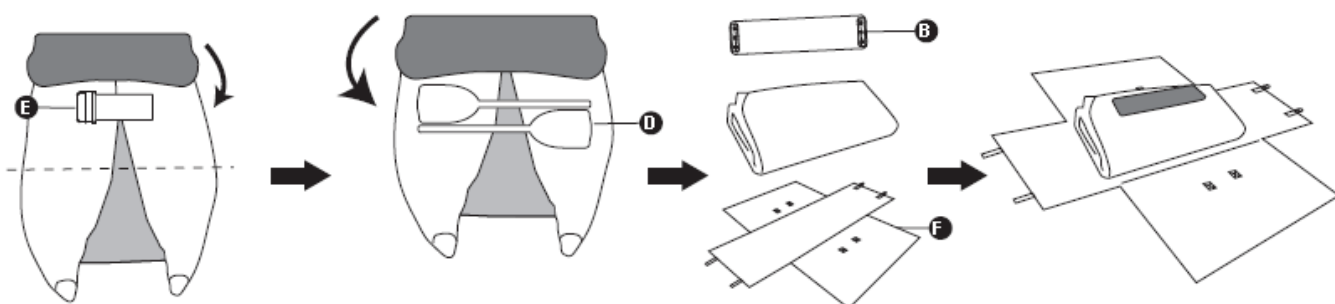
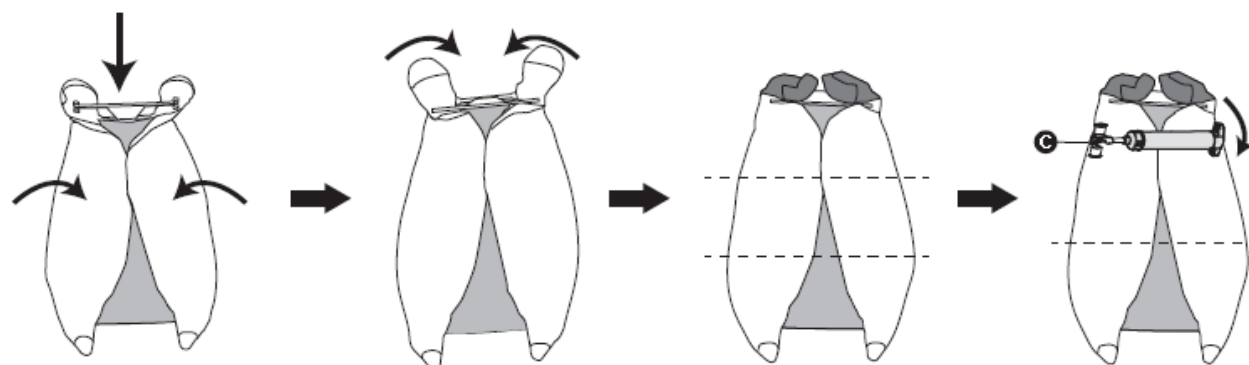
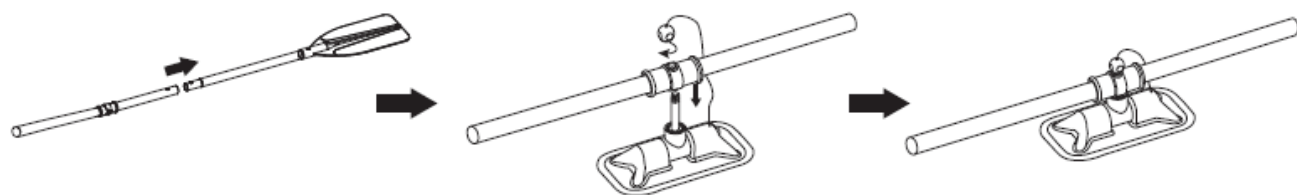
2024M-00100

Beacon Elite™ Sport Boat Manual



	A	B	C	D	E	F
65185	x1	x1	x1	x1	x1	x1





OWNER'S MANUAL

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GENERAL INTRODUCTION

- This manual has been compiled to help you safely and enjoyably operate your craft. It contains details for the craft, the equipment supplied or fitted, its systems and information on their operation, set-up, maintenance, prevention of risks and management of those risks. Please read carefully and familiarize yourself with the craft before using it.
- This owner's manual is not a course on boating safety or seamanship. If this is your first craft, or if you are changing to a type of craft you are not familiar with, for your own comfort and safety, please ensure that you obtain handling and operating experience before "assuming command" of the craft. Your dealer or national boating/sailing federation or yacht club will be pleased to advise you of local sea schools or competent instructors.
- Ensure that the anticipated wind and sea conditions will correspond to the design category of your craft and that you and your crew are able to handle the craft safely in these conditions.
- Even when your boat is categorized for them, the sea and wind conditions corresponding to the design categories A, B and C range from severe gale conditions for category A, to strong conditions for the top of category C, open to the hazards of a freak wave or gust. These are therefore dangerous conditions, where only a competent, fit and trained crew using a well-maintained craft can satisfactorily operate.
- This owner's manual is not a detailed maintenance or troubleshooting guide. In the case of difficulty, refer to the boat builder or their representative. If a maintenance manual is provided, use it for the craft's maintenance.
- Always use trained and competent people for maintenance, repair or modifications. Modifications that can affect the safety characteristics of the craft shall be assessed, executed and documented by competent people. The boat builder cannot be held responsible for modifications that they have not approved.
- In some countries, a driving license or authorization is required or specific regulations are enforced. Carriage requirements can be subject to local regulations.
- Always maintain your craft properly and take into account the deterioration that will occur over time and as a result of heavy use or misuse of the craft.
- Any craft, no matter how strong it is, can be severely damaged if not used properly. Inspect the craft regularly, especially after any kind of suspected damage. Always adjust the speed and direction of the craft to sea conditions.
- If your craft is fitted with a life raft, carefully read its operating manual. The craft should have the appropriate safety equipment on board (life jackets, harnesses, etc.) according to the type of craft, weather conditions, etc. This equipment is mandatory in some countries. The crew should be familiar with the use of all safety equipment and emergency maneuvering (man overboard recovery, towing, etc.). Sailing schools and clubs regularly organize training sessions.
- Everyone should wear a suitable personal flotation device (life jacket/ buoyancy aid) when on board. Note that, in some countries, it is a legal requirement to wear a personal flotation device, that complies with their national regulations.

PLEASE KEEP THIS MANUAL IN A SECURE PLACE, AND HAND IT OVER TO THE NEW OWNER WHEN YOU SELL THE CRAFT.

Save These Instructions – Read carefully before operating.

Follow all safety and operating instructions. If you don't follow these instructions, it may cause the boat to overturn or explode and result in injury or death.

IMPORTANT SAFETY INSTRUCTIONS – WARNINGS

The hazard heading meaning is explained below:

Danger — indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations.

Warning — indicates a potentially hazardous situation that, if not avoided, can result in death or serious injury.

Caution — indicates a potentially hazardous situation that, if not avoided, can result in minor or moderate injury.

Notice — indicates information considered important, but not hazard related, e.g. relating to property damage.

Craft design category, as marked on the builder's plate as follows:

1) a craft given design category A is considered to be designed to operate in winds of less than Beaufort force 10 and the associated significant wave heights;

NOTE 1: Typically such conditions can be encountered on extended voyages, e.g. across oceans, but can also occur inshore when unsheltered from the wind and waves for several hundred nautical miles. Depending on atmospheric conditions, winds can gust to about 32 m/s.

2) a craft given design category B is considered to be designed to operate in winds of Beaufort force 8 or less and the associated significant waves heights of up to 4 m;

NOTE 2: Typically such conditions can be encountered on offshore voyages of sufficient length but can also occur on coasts where shelter is not always immediately available. These conditions can also be experienced on inland seas of sufficient size for the wave height to be generated. Depending on atmospheric conditions, winds can gust to about 27 m/s.

3) a craft given design category C is considered to be designed to operate in typical steady winds of Beaufort force 6 or less and the associated significant wave heights of up to 2 m;

NOTE 3: Typically such conditions can be encountered on exposed inland waters, in estuaries, and in coastal waters in moderate weather conditions. Depending on atmospheric conditions, winds can gust to about 18 m/s.

4) a craft given design category D is considered to be designed to operate in typical steady winds of Beaufort force 4 or less and the associated significant wave heights of up to 0.3 m and occasional waves of 0.5 m height;

NOTE 4: Typically such conditions can be encountered on sheltered inland waters, and in coastal waters in fine weather. Depending on atmospheric conditions, winds can gust to about 12 m/s.

- Before every use, carefully inspect all boat components including air chambers, grab ropes, oars, and air valves, to ensure everything is in good condition and tightly secured. Please stop to repair if you find any damage.
- Passenger numbers and load weights shall by no means exceed specified capacities. Refer to the Technical Specifications section of this manual (Product Descriptions) to determine passenger numbers and load weights for your boat. Loads that are over weight will cause overturn and drowning.
- Inflate according to the numbered air chamber and rated pressure on the boat, or it may cause overinflation and boat explosion. Exceeding the data given on the capacity plate may cause the craft to damage, overturn and lead to drowning.
- Keep the boat balanced. Uneven distribution of persons or weight in the boat may cause overturning of the boat and drowning.
- **BE AWARE OF OFFSHORE WINDS AND CURRENTS.**
- Don't leave the boat exposed to the sun for long periods of time, as high temperatures can increase air expansion, which can cause irreparable damage.
- Never transport the boat in inflated condition on a vehicle. Be aware of the potential harmful effects of liquids such as battery acid, oil, petrol. These liquids may damage your boat.
- Any change in the disposition of the masses aboard (e.g. the addition of a fishing tower, a radar, a stowing mast, change of engine) can significantly affect the stability, trim and performance of the craft.
- Stability is reduced by any weight added above the main deck.
- In rough weather, hatches, lockers and doorways should be closed to minimize the risk of flooding.
- Stability can be reduced when towing or lifting heavy weights using a davit or boom.
- Air tanks shall not be punctured.
- Breaking waves are a serious stability hazard.
- Even if used with great care and skill, the design of this boat is such that capsize is always a possibility, even in light conditions.
- Warning! When in deep water, please board via the stern of the boat through the safety rope or safety handle. Always immediately hold on to any part of the rope or handle at the bow or stern, choose the lower position and keep calm.
- Always tow or be towed at a slow speed. Never exceed the hull speed of a displacement craft when being towed.
- Be aware of local environment laws and respect codes of good practice.
- Do not discharge toilets or holding tanks close to shore or in any prohibited zone, and use harbor or marina pump-out facilities to empty the holding tank before leaving the harbor.
- Be aware of international regulations against marine pollution (MARPOL).

TECHNICAL SAFETY INSTRUCTIONS

- Do not exceed the maximum recommended number of people. Regardless of the number of people on board, the total weight of people and equipment must never exceed the maximum recommended weight capacity. Always use the seats/seating spaces provided.
- When loading the craft, never exceed the maximum recommended weight capacity. Always load the craft carefully and distribute loads appropriately to maintain design trim (approximately level). Avoid placing heavy weights high up.
- The maximum recommended weight capacity includes the weight of all people on board, all provisions and personal effects, any equipment not included in the light craft mass, cargo (if any) and all consumable liquids (water, fuel, etc.).
- Buckets, water scoops and air pumps should always be available in case of air leakage or if the boat takes on water.
- When the boat is in motion, all passengers must remain seated at all times to avoid falling overboard.
- Use the boat in protected shore-zones, up to 300 m (984 feet). Be careful with natural factors such as wind, tidewaters and tidal waves.
- Be careful when landing on the shore. Sharp and rough objects such as rocks, cement, shells, glass, etc. may puncture the boat.
- If one chamber is punctured when the boat is in the water, it may be necessary to fully inflate the other air chamber to prevent the boat from sinking.
- To avoid damage do not drag the boat on rough surfaces.
- We strongly recommend always wearing a life jacket when using the craft!
- It is the responsibility of the owner/operator to have at least one bucket/bailer on board, secured against accidental loss.
- Be responsible, do not neglect the safety rules, this could jeopardize your life and the lives of others.
- Follow these instructions to avoid drowning, paralysis or other serious injuries.
- Know how to operate a boat. Check in your local area for information and/or training as needed. Inform yourself about local regulations and dangers related to boating and/or other water activities.
- Drawings for illustration purposes only. May not reflect actual product. Not to scale.

PRODUCT DESCRIPTIONS

Item Number	Size	Recommend ed Working Pressure	Floor Board Pressure	Maximum Weight Capacity	Maximum Number of People	Maximum Motor Power
65185	3.35 m x 1.6 m x 47 cm (11' x 63" x 18.5")	0.24 bar (3.5 psi)	0.7 bar (10 psi)	640 kg (1411 lbs)	5 adults	11.2 kW (15 HP)

SETUP INSTRUCTIONS

PARTS & TOOLS NEEDED

Compare the parts in your box to the parts listed in this manual. Verify that the equipment components represent the model that you had intended to purchase.

RECOMMENDATIONS DURING THE INSTALLATION – WARNINGS & OVERVIEW

Never use high-pressure air to inflate your boat. This will lead to damage and void your warranty (if applicable).

- Only use Bestway® approved inflation pumps.
- Never stand on or rest objects on the boat during inflation.
- Inflate the chambers until you can see some folding at the welding seams. After inflation, compare the pressure gauge with the data mentioned in this manual. DO NOT OVER-INFLATE.
- The pressure gauge is for inflation purposes only, and the value of it is just for reference. It should not be used as a precision instrument.
- Always check the inflation pressure before using the boat. Ensure that the boat has reached the correct pressure mentioned in this manual and printed near the inflation valve.
- Be sure the air valves are tightly closed before using the boat. Never open the air valve caps while the boat is in use.
- When the oars are not in use, lock the oars into the oar clasps to avoid damage.

ASSEMBLY INSTRUCTIONS

For installation instructions, follow the illustrations inside the manual. Drawings are for illustration purposes only. May not reflect actual product. Not to scale.

OUTBOARD MOTOR INSTALLATION

- With the boat fully inflated and in the water, attach your outboard motor onto Engine Mount at the center of the Transom.
- Ensure the motor is always fixed on the Transom.
- Read the instructions of the outboard motor for correct installation and operation.
- Overpowering a boat can result in serious injury, death or boat damage. The maximum motor power to be used see marking on the product.

REPAIR PATCH INSTRUCTIONS

The glue is not included in the repair kit due to shipping constraints. You can find silicone-based glue at most retail outlets. Carefully read the warning labels and closely follow instructions on the back of glue before attempting the following repair steps:

- Fully clean the area to be repaired.
- Cut the correct size from the repair patch material.
- Apply only the amount of glue needed to cover the repair site.
- Press the repair patch firmly to repair site for 30 seconds.
- Wait for 1 hour before inflation

DISASSEMBLY INSTRUCTIONS

- To deflate, open the air valves by pushing the control stem in and rotating until the valves stay open. Deflate all the hull chambers at the same time so the air pressure can drop together.
- Extended sun exposure can shorten the lifespan of your boat. Do not leave boats in direct sunlight for more than 1 hour after use.

MAINTENANCE & STORAGE

- Use the spanner to tighten the air valve if it is leaking.
- Remove the oars from the oar clasps and take down the seats.
- It is necessary to remove all residual air inside the chambers before storage. Fold the boat from the front to the back to remove additional air.
- Carefully clean the boat using a mild soap and clean water. Do not use acetone, acid and/or alkaline solution.
- Use a cloth to gently dry all surfaces. Do not dry the product in direct sunlight. Also, never dry with equipment such as electric blowers. Doing so will cause damage and shorten the boat's lifespan.
- Store in a dry place, with a temperature higher than 15°C/59°F, out of reach of children.