



## DRIFTER 13 OWNER'S MANUAL



**ALWAYS WEAR A COAST GUARD APPROVED FLOTATION DEVICE  
WHEN OPERATING THE DRIFTER 13.**

**Know the limits of your abilities and the limits of your equipment.**

**Changes in air temperature and elevation may cause the air inside the Drifter 13 to expand which could cause a tube to burst. Always release some air when these conditions occur.**

**Never leave your boat sitting in direct sunlight when it is out of the water.**

**This owner's manual will help you with initial set-up of your new Drifter 13, provide basic maintenance tips, and covers simple field repair.**



**BEFORE YOU BEGIN,**  
Check for damaged or missing parts.



1 - Drifter 13 raft



2 - Seat bottoms with swivels  
1 - Regular seat bottom



3 - Seat backs



4 - 3' Cam straps  
2 - 4' Cam straps



2 - Oar locks



2 - Oar mounts



2 - Cross bars



1 - Foot bar



1 - Raised seat bar



1 - Stern seat bars



2 - Stern seat rails



1 - U-shaped thigh bar



3 - Seat mounts



1 - NRS 1/2" ratchet wrench

#### Repair Kit:

- 1 - Valve wrench
- 1 - Vinyl tube valve adapter
- 1 - Sand paper
- 3 - Tear-aid type A patches
- 2 - Alcohol prep pads
- 2 - Gray PVC
- 2 - Urethane
- 1 - Urethane coated nylon

### Anchor System



1 - Anchor control system  
with rope jam cleat



1 - Intermediate pulley



1 - Anchor mast



1 - U-Bolt with nuts  
and washers



1 - U-Bolt with nuts  
and washers



1 - 2.5" Bolt with  
nut and washers

### Hardware



22 - U-Bolt  
44 - Washers  
44 - Nylock Nuts



8 - Carriage bolts



4 - Hex bolts



8 - Large washers



4 - 1/4" washers



4 - Locking washers



8 - 1/4" Nylock nuts

### Items Needed For Assembly (Not Included):



Inflation pump



Standard screwdriver



1 - 6mm wrench or socket  
1 - 1/4" wrench or socket

## Step 1: Inflation

### Items needed:



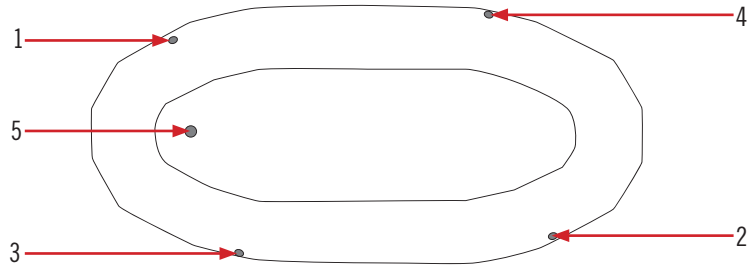
1 - Drifter 13 raft



Inflation pump



1 - Vinyl tube valve adapter



1. Remove the dust caps from the valves.
2. Push and turn the valve stem a 1/4 turn. This positions the valve stem in the up or *closed* position. Having the valve stem in the *closed* position allows air enter the chamber, but won't allow air to escape.
3. Inflation sequence is in a cross pattern. This helps keep the AIREcell in their proper place.
4. Start with an electric pump if you have one or use a hand pump.
5. Connect the vinyl tube adapter to the pump hose and connect the vinyl tube adapter to the valve.
6. Inflate each chamber to soft pressure.
7. Top off each chamber in the same pattern. If you hear a humming sound in the floor valve, it's the pressure release indicating the floor has reached maximum pressure (2.5 psi) and you can stop pumping. For the other chambers, maximum pressure is reached when you can depress about 1/4" for the top surface of the tube.
8. Close the valve caps finger tight.



Changes in air temperature and elevation could cause the air inside the Drifter 13 to expand which could cause damage to the AIREcells.  
Never leave your fully inflated tube sitting in direct sun light out of the water.  
**Always release some air when these conditions occur.**

## Step 2: Seat Assembly

### Items needed:



3 - Seat backs

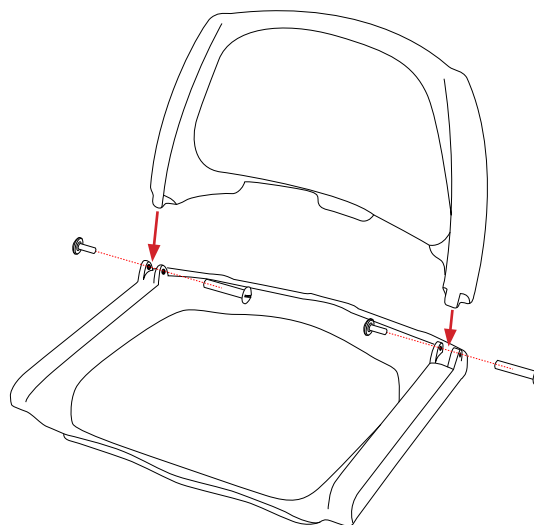


2 - Seat bottoms with swivels

1 - Regular seat bottom



Flathead screwdriver



1. Attach the seat backs to the seat bottoms with the seat hinge pins.
2. Tighten the hinge pin screws with a flathead screwdriver.

## Step 3: Frame Assembly

### Items needed:

2 - Side rails

2 - Cross bar

1 - U-shaped thigh bar

1 - Raised seat bar

1 - Foot bar

2 - Stern seat rails

1 - Stern seat bars

3 - Seat mounts

2 - Oar mounts

2 - Swivel seats

1 - Standard seat

1 - NRS 1/2" ratchet wrench

1 - 6mm wrench or socket

1 - 1/4" wrench or socket

22 - U-Bolt

44 - Washers

44 - Nylock Nuts

8 - Carriage bolts

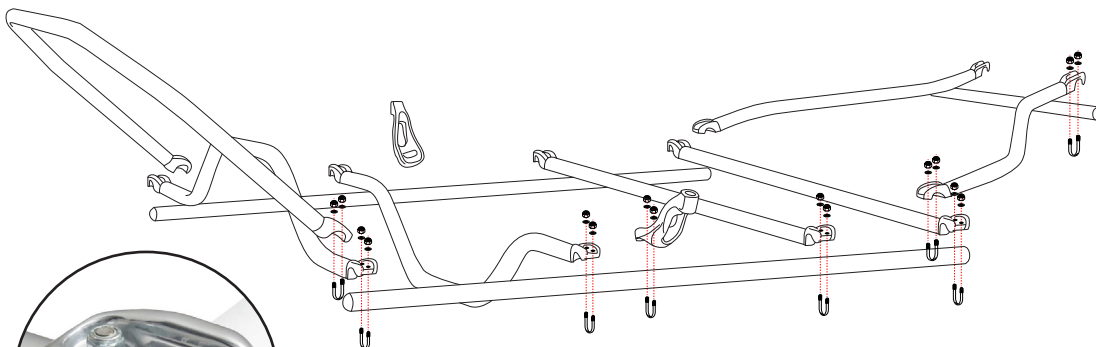
4 - Hex bolts

8 - Large washers

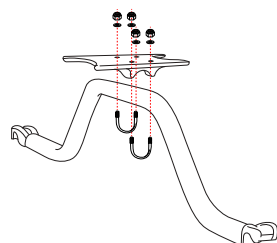
4 - 1/4" washers

4 - Locking washers

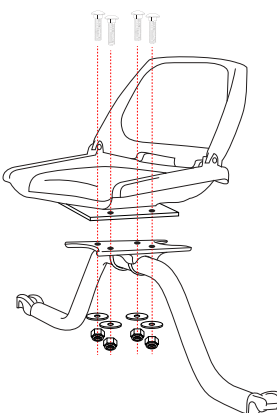
8 - 1/4" Nylock nuts



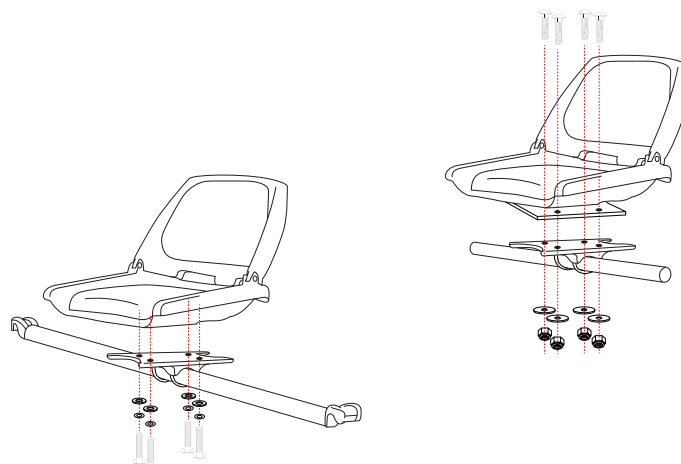
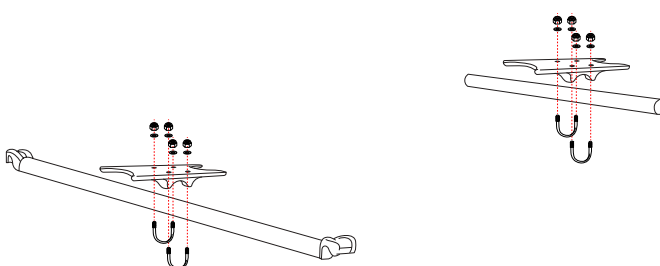
1. Assemble the frame in the inflated Drifter 13 as pictured above using 16 U-bolts, 32 washer and 32 Nylock nuts.



2. Attach the seat mounts to the raised seat bar, rowers cross bar, and the stern seat bar with 6 U-bolts, 12 washer and 12 Nylock nuts.
3. Center and level the seat mounts, tighten the Nylock nuts with the ratchet wrench.



4. Attach the seats with swivels to the bow and stern seat mounts with the 1/4" wrench. The carriage bolts go down through the swivel and seat mount, and are locked into place with the large washers and 1/4" Nylock nuts.
5. Attach the seat without a swivel in the rowers position with then 6mm wrench. Put the lock washers and the 1/4" washers onto the hex bolts, go up through the seat mount and attach the bolts directly to the seat.
6. With the frame in the boat, adjust the bars for best personal fit and tighten the frame Nylock nuts with the ratchet wrench.



## Step 4: Anchor System Assembly

### Items needed:



1 - Anchor control system with rope jam cleat



1 - Intermediate pulley



1 - Anchor mast



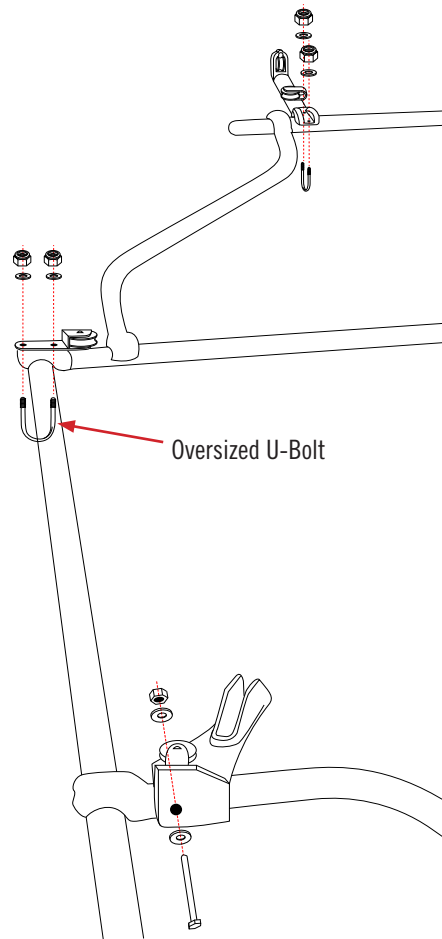
1 - 2.5" Bolt with nut and washers



1 - Oversized U-Bolt with nuts and washers



1 - U-Bolt with nuts and washers



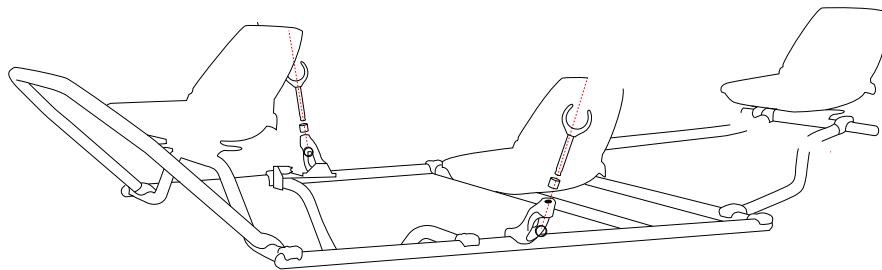
1. Remove the bolt that secures the LoPro fitting on the right side of the foot bar. Place the anchor control system on top of the foot bar with the pulley facing the stern of the Drifter 13. Line up the holes, insert the 2.5" bolt, with a washer on both ends, and tighten. This fastens the bracket in front and to the side of the rower.
2. Remove the U-bolt from the LoPro fitting on the right side of the rear cross bar. **Replace it with the oversized U-bolt.**
3. Place the intermediate pulley over both arms of the oversized U-bolt. Tighten the nuts.
4. Place the anchor mast to the right side of the stern seat bar and attach with the U-bolt.
5. Periodically check the tightness of all bolts.

## Step 5: Oar Assembly

### Items needed:



2 - Oar locks



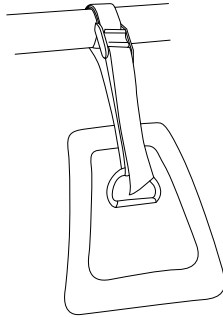
1. Slide the oar locks into the oar mounts and secure in place with the split rings.

## Step 6: Strap The Frame to the Drifter 13

*Items needed:*



4 - 3' Cam straps  
2 - 4' Cam straps



1. Strap the frame to side D-rings of the Drifter 13 with 4, 3' cam straps.
2. Strap the stern seat rails to the stern D-rings with 2, 4' cam straps.

## Deflation

Push down and turn the valve stem 1/4 turn. This positions the valve stem in the down or open position. Having the valve stem in the open position allows air to escape from the Drifter 13.

## Storage Tips

- It is best to store your Drifter 13 to soft pressure under a cover or car port that provides protection from environmental elements. This will help prevent weather and UV damage and will keep your AIREcells aligned.
- Allow your Drifter 13 to air dry 24-48 hours before rolling for long term storage.
- Do not stack or load other gear or equipment on top of your rolled Drifter 13.
- Be aware of folded and rolled corners of the Drifter 13, these areas are susceptible to damage when being dragged or moved around on concrete or gravel.
- Keep away from heat sources such as open flames, furnaces, and water heaters.
- Store in a cool and dry place protected from UV light.
- Store your boat in a boat bag, heavy tarp, or cloth.
- Store inside or up off the ground to keep it away from mice.

## Transport

To avoid excessive wear and extend the life of the Drifter 13 we recommend transporting this craft in a Outcast Sporting Gear boat bag or cover with clean, dry tarp. Do not load other equipment, particularly heavy or sharp objects, on top of the craft. If you transport your boat in an open truck bed please make sure all sharp objects are removed because more boats are damaged in transport than on the water.



Valve caps should always be in place whenever transporting an inflated boat.

## Cleaning and Maintenance

Your inflatable boat is constructed with high quality materials and superior workmanship however, as with all outdoor equipment proper cleaning and maintenance will extend the use of the product and allow it to perform better. Most damaging to your inflatable boat are extended UV exposure, insect repellents, mold and mildew.

To keep your boat performing at its best, please following these simple instructions.

- Do not set your boat on sharp objects.
- Do not over inflate your boat.
- Keep the zippers clean.
- Clean the boat with soap and water.
- Allow the boat to dry before rolling.



Scan QR code for cleaning video

## Basic Troubleshooting

Valve does not retain air when pump is removed.

- Clear any debris that might be preventing the valve from sealing. This can be accomplished by either pumping quick bursts of air into the valve or removing the core valve assembly and cleaning the valve with a cotton swab and denatured alcohol.
- Tighten valve with the valve wrench if necessary.

Drifter 13 becomes soft after the inflation process.

- Top off air pressure in the cold water to counter thermal contraction.
- Determine which air chamber is soft. Make sure the valve is functioning correctly, with no signs of leaking.
- Find the hole in the AIREcell and patch with the Tear Aid patch.

Zipper is difficult to operate.

- Use a combination of soap, water and an old toothbrush to clean the zipper.

Tear Aid patch does not stick to the AIREcell.

- Make sure the area to be patched is dry and clean. Use the alcohol pads to prep the area.

## Recommended Items for Repair Kit

This boat contains a starter repair kit that includes equipment for basic repair. Here is a list of items (not included) which you should strongly consider keeping with your repair kit at all times.

- \*1/4 pint Stabond 2-part adhesive
- Repair needle
- Repair thread
- Duct tape
- Old toothbrush
- Popsicle stick
- Extra AIREcell is the ultimate extended trip repair item

(\*It's recommended to replace the glue every year or after use.)

## Type A Adhesive Patch Repair

*Items Needed:*

Rag

Type A adhesive patch

Alcohol prep pad

Tear Aid instruction sheet

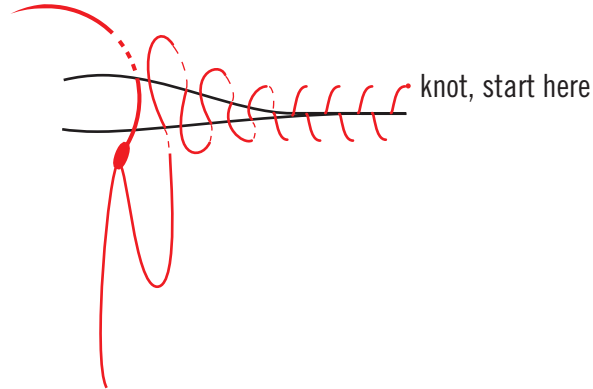
1. For most repairs, the airecell does not need to be removed completely.
2. Locate the hole in the boat and access that area of the airecell and outer skin by opening the zipper.
3. Using a rag, dry the area to be worked on.
4. Clean the area with alcohol prep pad and let the area air dry.
5. Peel backing paper off Type A adhesive patch and apply patch over punctured area. (See Tear Aid instruction sheet for more details.)
6. Press and rub patch so that the patch seals completely, without bubbles.



## Baseball Stitch Repair (For Outer Skin Repair)

### Items Needed:

- Repair needle
- Repair thread



1. Use the baseball stitch to repair cuts on the outer skin.
2. Each stitch for the baseball stitch starts at the BACK of the PVC and comes through to the FRONT of the PVC.

## Extensive Repairs

If you have a major rip or tear in your boat that is beyond your abilities to repair, please contact Outcast at 844-556-5730 for a Return Authorization (RA) number. Please put a brief note with your contact information and a detailed description of the repairs necessary inside the box and ship the package to the address below with the RA number clearly written on the outside of the box. Please ship the boat with a service that provides a tracking number.

## Warranty

### 5 YEAR LIMITED WARRANTY

**What this Warranty Covers:** The Five (5) year limited warranty covers retail purchases against manufacturing defects in materials and workmanship. This warranty covers the tubes, D-ring patches, AIREcells, valves and zippers to be functional and water worthy.

**What this Warranty Does Not Cover:** The 5 year limited warranty does not cover, damage caused by normal boat use, cosmetic wear, excessive UV damage, abnormal abuse, neglect and/or inappropriate storage. This warranty can be void if the boat is structurally altered or used commercially.

**The Period of Coverage:** Your boat is covered from the original purchase date for a period of five years.



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