



# OSG COMMANDER

## OWNER'S MANUAL



**ALWAYS WEAR A GOVERNMENT APPROVED FLOATATION DEVICE  
WHEN FISHING.**

Know the limits of your ability and the limits of your Equipment.

Changes in air temperature and elevation could cause the air inside the OSG Commander to expand which could cause the boat 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.

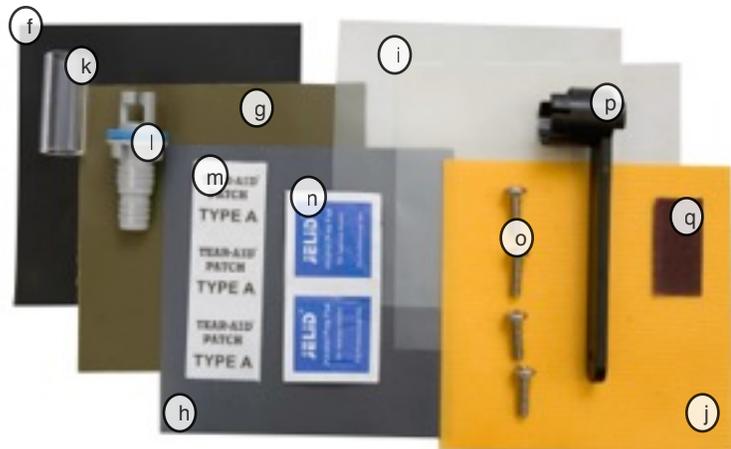
## OSG Commander Includes:

- a: 1 - OSG Commander
- b: 2 - 4' 2 Piece Oars
- c: 1 - Seat
- d: 1 - LCS Stripping Apron
- e: 1 - Repair Kit



## Repair Kit Includes:

- f: 1 - Black PVC
- g: 1 - Olive PVC
- h: 1 - Grey PVC
- i: 2 - Urethane
- j: 1 - Urethane Coated Nylon
- k: 1 - Vinyl Tube Valve Adapter
- l: 1 - Summit 2 Valve Adapter
- m: 3 - Type A Patches
- n: 2 - Alcohol Prep Pads
- o: 4 - Screws (Important! see Step 6)
- p: 1 - Summit II Valve Wrench
- q: 1 - Sand Paper



## Items Needed:

Pump

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## Set Up - Step 1 - Inflate to Soft Pressure:

### *Items Needed:*

- 1 - OSG Commander
- 1 - Vinyl Tube Valve Adapter
- 1 - Summit 2 Valve Adapter
- 1 - Pump (not included)

1. Remove the dust cap from the valve.
2. Push and turn the valve stem 1/4 turn to the left. This positions the valve stem in the up or closed position. Having the valve stem in the closed position allows air to be pumped into the chamber and will prevent the air from escaping.
3. Connect the clear vinyl valve adapter to the pump hose and to the Summit 2 valve adapter.
4. Insert the Summit 2 valve adapter into the valve on the boat. A 1/4 turn to the right will lock the adapter to the valve.
5. Inflate the chamber to a soft pressure.
6. Repeat procedure for all chambers.

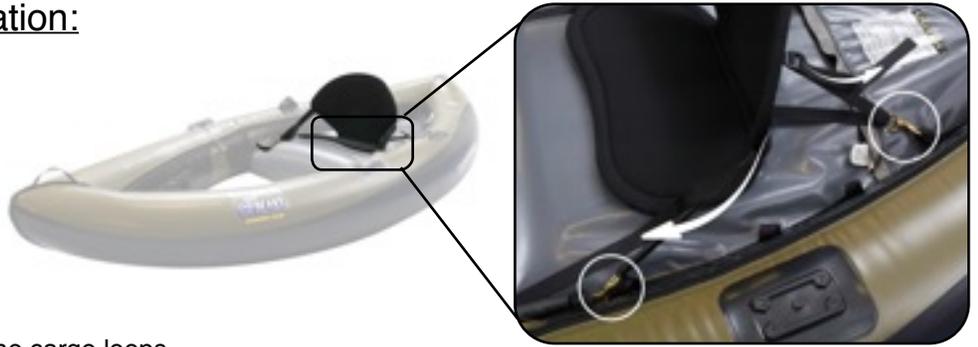


## Set Up - Step 2 - Seat Installation:

### *Items Needed:*

- 1 - OSG Commander on soft pressure
- 1 - Seat

1. Find the seat location that best suits you.
2. Connect the 2 front swivel snaps to the cargo loops.
3. Skip 2 cargo loops.
4. Connect the 2 back swivel snaps to the cargo loops.
5. Pull the seat straps tight.
6. The seat stays fully in place when you sit in it.

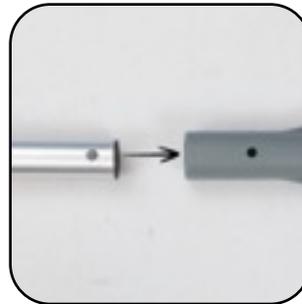


## Set Up - Step 3 - Oar Installation:

### *Items Needed:*

- 1 - OSG Commander on soft pressure
- 2 - Oar Blades
- 2 - Oar Shafts

1. Snap the oar blade into the oar shaft.
2. Slid oar onto bolt peg with the blade curving into the boat.
3. Screw the oar keeper onto the bolt. Be sure the string wraps on the outside of the oar.
4. Repeat steps for other oar.

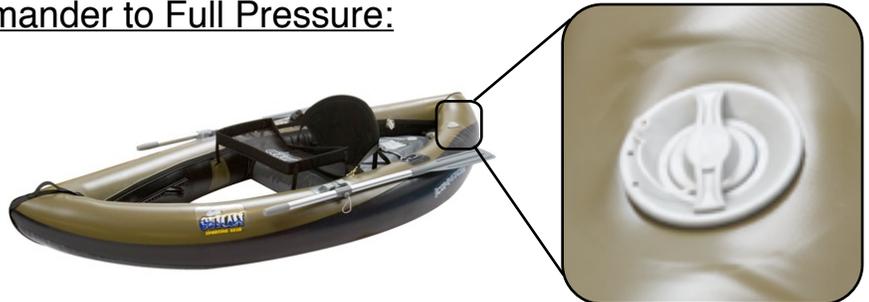


## Set Up - Step 4 - Top off OSG Commander to Full Pressure:

### *Items Needed:*

- 1 - OSG Commander on soft pressure
- 1 - Vinyl Tube Valve Adapter
- 1 - Summit 2 Valve Adapter
- 1 - Pump (not included)

1. Use a hand pump to top off OSG Commander to full pressure.
2. Connect the clear vinyl valve adapter to the pump hose and to the gray Summit 2 valve adapter.
3. Insert the Summit 2 valve adapter into the valve on the boat. A 1/4 turn to the right will lock the adapter to the valve.
4. Inflate the chamber to 2.5 psi, full pressure. A good rule for gauging the proper pressure is to push with your thumb at the center of the tube, when you can deflect about a half an inch from the top plane of the tube, it will be close to 2.5 psi.
5. DO NOT over inflate the kayak.
6. Cover valves with dust cap.



## Set Up - Step 5 - LCS Stripping Apron Installation:

### *Items Needed:*

- 1 - OSG Commander to full pressure
- 1 - LCS Stripping Apron

1. Secure left side of the apron stays into the stay pockets.
2. Once seated in the OSG Commander Secure the right side of apron.
3. Adjust apron to desired height.



Note: The LCS Stripping apron is designed to come out of stay pockets incase the boat becomes capsized.

## Step 6 - Scotty Rod Holder Base - Screw Details:

The OSG Commander comes standard with one Scotty Rod Holder Base and the option to put it either on the left or the right side. If you ever decide you would like two Scotty Rod Holder Bases, one for each side, you MUST use the 1/4 20 x .875 screws provided in the repair kit. DO NOT use the screws that come with the new Scotty Rod Holder Base, these screws are too long and can damage the boat. If you misplace the screws provided in your repair kit find 1/4 20 x .875 screws at your local hardware store.



## Transporting

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

**\*\*VALVE CAPS SHOULD ALWAYS BE IN PLACE WHENEVER TRANSPORTING YOUR 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, plus mold and mildew. To keep your boat performing its best please follow 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 drain properly so it can be stored dry.

## Storage

*Short Term Storage* - Allow to air dry, deflate and roll loosely

*Long Term Storage* - Store your boat dry and clean. After use, rinse off all debris and allow the boat to air dry on soft pressure and out of direct sunlight. Residual water inside the bladders/AIREcells will not damage the boat. Store the boat in a cool, dry place out of sunlight and away from exhaust fumes. If you store your boat inflated you should be able to pinch an inch of material.

## Repair Tips

Prior to opening the boat's zippers, make sure they are clean and clear of any debris so that they will operate freely, by cleaning the zippers with soapy water and an old toothbrush.

When patching the airecell, apply the patch to the outside of the airecell. When patching the PVC shell, apply the patch on the inside of the PVC. The airecell patch is for air retention. The PVC shell patch protects the airecell patch as well as prevents the hole from tearing further.

## Basic Trouble Shooting

1. Valve does not retain air when pump is removed.
  - Make sure that the valve stem is in the up and closed position.
  - 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 edge of the rubber diaphragm with a cotton swab and denatured alcohol.
  - Make sure that the core valve assembly is tight. Tighten valve if necessary.
2. Tube becomes soft after inflation process.
  - 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.
3. Tube is puckered or shows a void when inflated.
  - The AIREcell might be misaligned. Deflate the tube(s) and as they are brought back up to pressure, manipulate the tube(s) to free the AIREcell as it inflates. If this does not fix the problem, deflate the boat, open the zipper and adjust the AIREcell.
4. Zipper is difficult to operate.
  - Use a combination of soap, water and an old toothbrush to clean and clear the zipper of debris.
5. Tear Aid patch does not stick to AIREcell.
  - Make sure the area to be patched is dry and clean. Use the alcohol pad 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
- Scissors or knife
- Small paintbrush
- Roller
- MEK solvent
- Towel
- Duct tape
- Old toothbrush
- Popsicle stick or tongue depressor
- Standard Screwdriver
- Extra AIREcell is the ultimate extended trip repair item

\*It is recommended that the glue be replaced every year or after use.

## Adhesive Patch Repair

*Items Needed:*

Towel  
Type A Adhesive Patch  
Alcohol Prep Pad  
Tear Aid instruction Sheet

For most repairs, the airecell does not need to be removed completely.

1. Locate the hole in the boat and access that area of the airecell and outer skin by opening the zipper.
2. Using a towel, dry the area to be worked on.
3. Clean area to be worked on with alcohol prep pad and let the area air dry.
4. Peel backing paper off Type A Adhesive Patch and apply patch over punctured area.  
(See Tear Aid instruction sheet for more details.)
5. Press and rub patch so that the patch seals completely and is without bubbles.

## Glue Repair

### *Items Needed:*

Scissors or Knife	Stabond 2-part adhesive	Small Brush
Standard Screwdriver	Sand Paper	PVC Material or Urethane Material
Roller	Popsicle Stick	MEK or Alcohol Prep Pads

For most repairs, the airecell does not need to be removed completely. When patching the AIREcell, apply the patch to the outside of the airecell. When patching the PVC shell, apply the patch on the inside of the PVC.

1. Locate the hole in the boat and access that area of the AIREcell and outer skin by opening the zipper.
2. Using a towel, dry the area to be worked on.
3. Cut a patch of fabric at least two inches large in length and width than the puncture, hole, or tear.
4. Clean the area to be patched (using MEK or alcohol prep pads).
5. Rough up both the patch and the area to be patched with the sand paper.
6. After opening the 2-part adhesive, prepare the Stabond glue by pouring the entire contents of the glass jar into the metal can and stir using a popsicle stick or tongue depressor.
7. Apply an even coat of glue with a small brush to both the patch and the area to be repaired and let dry completely, approximately 10-15 minutes.
8. Apply a second coat of glue, and let dry 5 minutes or until tacky. If the glue is too dry, reactivate it with a small amount of cleaner.
9. Place the patch over the hole or tear, and press together. Using a roller or another blunt object press from the center of the patch to the edges to seal the patch to the AIREcell or outer skin. Make sure that the patch seals completely and is without bubbles.
10. Let the glue cure at least one hour before inflating (overnight if possible is best). Do not inflate to full pressure on the same day of the repair.

## Extensive Repairs

If you have a major rip or tear in your boat that is beyond your abilities to repair, please contact Outcast at 800-966-0976 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. For your protection, please ship the boat with a service that provides a tracking number.

## Warranty

This warranty covers defects in materials and workmanship only for a period of 5 year from the date of purchase from the original owner for non-commercial use.

Outcast reserves the right to determine whether to repair or replace any product covered by this warranty and the right to replace any discontinued models with current models when necessary. Colors may vary between original and replacement parts.

If you have any questions, please contact your nearest dealer or  
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