



Fish Cat Panther Owner's Manual



ALWAYS WEAR A GOVERNMENT APPROVED FLOATATION DEVICE WHEN
OPERATING THE FISH CAT PANTHER

- Know the limits of your ability and the limits of your equipment.
- Changes in air temperature and elevation could cause the air inside the Fish Cat Panther to expand which could cause the 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 raft, provide basic safety information, review boat maintenance tips, plus cover some simple field repairs. Please review this material and familiarize yourself with the craft before using it.

BEFORE YOU BEGIN...

Check for damaged or missing parts.

Fish Cat Panther Includes:

2 - Fish Cat Panther Pontoons
1 - 6 piece Frame
1 - Mesh Cargo Deck
1 - Seat Bottom
1 - Seat Back
2 - Pockets
2 - Side Aprons
2 - 7' 2-Piece oars
1 - Hardware Packet
1 - Repair kit

Hardware Packet Contains:

2 - Seat Hinge Pins
4 - Winged Seat Bolts
4 - Large Washers
6 - Springer Clips
2 - Clevis Pins
4 - Small Washers
2 - Split Rings
8 - 30" Cam Straps
2 - Small Oar Locks
2 - Split Rings
2 - Oar Stops

Repair Kit Includes:

2 - 6" X 6" PVC Material
2 - 6" X 6" Vinyl
1 - Summit Valve Wrench
1 - Summit 2 Valve Adapter
1 - Vinyl Tubing Adaptor
3 - Type B Adhesive Patches
2 - Alcohol Prep Pads
1 - Tear Aid Instruction Sheet
1 - Piece Sandpaper

Items Needed (Not Included):

1 - Phillips Screwdriver
1 - Pump
1 - 12 lbs. Anchor and Rope



Glue Not Included

Frame Assembly:

Items needed:

2 - Side Rails
1 - Seat Platform
1 - Anchor System / Motor Mount

2 - Foot Bar
1 - Mesh Cargo Deck
6 - Springer Clips

2 - Clevis Pins
4 - Small Washers
2 - Split Rings

1. Insert the Side Rails of the frame into the Seat Platform and secure with the 4 Springer clips. The Seat Platform includes 4 pieces of square tubing attached to 2 cross bars. The correct position for the Seat Platform is to position the welded rails above crossbars.
2. The adjustable Foot Bars are to be installed into the ends of the frame located closest to the Oar Stands and secured with 2 Springer Clips.
3. Insert the Anchor System / Motor Mount into the back of the frame.
4. Lay the Mesh Cargo Deck over frame and cam strap into place. Velcro the ends to Anchor System Motor Mount bar.



Seat Assembly:

Items needed:

1 - Assembled Frame
1 - Seat Bottom
1 - Seat Back

2 - Seat Hinge Pins
4 - Winged Seat Bolts
4 - Large Washers

1. Attach the seat back to the seat bottom by removing the (2) seat pins in the seat back, place the seat back in position then re-insert the seat pins.
2. Place the seat onto the seat platform and secure the seat using the (4) washers and (4) winged seat bolts.
3. The seat can now be adjusted forward or back depending on the weight load. Proper balance for the boat should be such that the boat floats evenly to slightly forward heavy.

Side Apron Assembly:

Items needed:

1 - Assembled Frame
2 - Side Aprons

1. Using the velcro tabs, attach a side apron between the side rails on the right side of frame.
2. Attach the remaining side apron between the side rails on the left side of frame.

Cargo Pocket Installation:

Items needed:

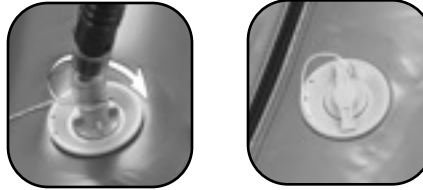
- 1 - Assembled Frame
- 2 - Pockets

1. Secure the (2) pockets onto the frame next to the oar stands using the side release buckles. (See image on front page for specific location.)

Pontoon Inflation:

Items needed:

- 2 - Fish Cat Panther Pontoons
- 1 - Vinyl Tubing Adapter
- 1 - Summit 2 Valve Adapter
- 1 - Pump (not included)



Inflate the pontoons using a hand, foot or an electric pump designed for inflatable boats. If using an electric pump for initial inflation, a hand pump must be used to top off the pontoons.

To inflate:

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 pontoon and will prevent the air from escaping.
3. Connect the clear vinyl valve adapter to the pump hose and to the gray 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 boat to a pressure of 2.5 psi.
6. Remove adapter and lock dust cap into place
7. Repeat procedure for all chambers.

If the pontoons start to look disfigured when inflating, stop and release the air from the pontoon. Carefully unzip the pontoon and adjust the interior bladder so that it fills the disfigured area. Once the adjustment is completed, carefully close the zipper, replace the split ring and re-inflate the pontoons following the steps above.

Inflation Pressure: A good rule for gauging the proper pressure is to push down with your thumb at the center of the tube. If you can deflect about a half an inch from the top plane of the tube, it will be close to 2.5 psi.

To deflate:

1. Depress the valve stem and turn it 1/4 turn to the right (clockwise). This positions the valve stem in the down or open position and will allow air to escape freely from the pontoons.



Changes in air temperature and elevation could cause the air inside the Panther to expand which could cause the tube to burst.

Never leave your fully inflated pontoon sitting in direct sun out of the water.

Always release some air when these conditions occur.

Securing the Frame:

Items needed:

- 1 - Assembled Frame
- 1 - Inflated Panther Pontoons
- 8 - 30" Cam Straps

1. Proper positioning of the Panther pontoons should be so that the logos on the outside of the pontoons and to the bow or front of the boat.
2. Place the Panther frame on top of the pontoons with the foot bars toward the front of the boat. Center the frame between the D-rings on the side of the boat.
3. Using the (8) 30" Cam Straps (one for each D-ring) secure the frame to the pontoons. One simple way to do this is to begin by running the strap through the frame near the D-ring leaving the buckle near the frame. Next, run the strap through the D-ring and insert the free end of the strap into the jaws of the buckle.
4. Once all cam straps are in place, tighten all cam straps evenly so they are snug against the Panther pontoons.

Oar installation:

Items needed:

- 1 - Assembled Boat
- 2 - 7' 2-Piece Oars
- 2 - Oar Stops
- 2 - Small Oar Locks
- 2 - Split Rings
- 1 - Phillips Screwdriver (not included)

The 7' 2-piece oars come with pre-installed oar sleeves.

1. Insert the Small Oar Locks in the oar stands and secure with the split rings.
2. Assembly both 7' 2-piece oars.
3. Fit the oar stops onto the oar sleeves.
4. To achieve the proper positioning of the oars, there should be about 3" to 4" between the oar grips at their closest position. The distance from the end of the oar handle to the oar stops should be same for both oars.
5. Once the position has been determined, tighten the bolts using the Phillips screwdriver.

Anchor Installation:

Items needed:

- 1 - Assembled Boat
- 1 - 12 Pound Anchor & Rope (Not included)

1. Tie one end of the rope onto the anchor using a secure knot. Next, thread the free end of the rope through pulleys 1 & 2, located underneath the motor mount.
2. Insert the rope between the bracket and pulley 3.
3. Feed the rope underneath the cargo deck and seat bar. (Cargo deck and seat are removed for illustration purposes) Insert the rope between the bracket and pulley 4.
4. Secure the rope in the rope cleat.



Storage

Short Term Storage - Allow to air dry, deflate and roll loosely or keep inflated at soft pressure

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.

Transport

To avoid excessive wear and extend the life of this craft we recommend transporting this craft assembled on a trailer or deflated in a bag. 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 CAP 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, mold and mildew.

To keep your boat performing 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 float tube to dry before rolling.

Basic Trouble Shooting

1. 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 if necessary.
2. Craft 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.
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.

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.

Adhesive Type B Patch Repair

Items Needed:

Towel
Type B 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 B 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 Vinyl 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. (For non Tear-aid Patches)
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

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 the frame, 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.



Outcast Sporting Gear ~ 800.966.0976 ~ 2021 E. Wilson Lane, Meridian, ID 83642 ~ info@outcastboats.com