

The Blokart Disc Brake will allow sailors to accurately control their speed, whether it is preventing first time sailors from losing control or preventing collisions in tight pack racing.

The brake will operate best in conjunction with traditional Blokart slowing techniques, such as sheeting out and steering upwind (see the owners manual).

Note: if your sail is powered up the brake will have minimal effect).



Note: This brake kit will only fit the current forged alloy front fork (released Feb 2007)

Disc Brake Set Includes:

- 1 x brake kit (calliper, rotor, lever & cable)
- 6 x rotor mounting screws
- 3 x velcro ties
- 1 x allen key

Tools required:

- Phillips screwdriver
- 17mm spanner



The Blokart Disc Brake is a piece of high precision equipment with fine tolerance. Any sand or grit from beach sailing may affect its performance.

Note: When beach sailing use adjusters on the brake lever or calliper to increase the brake pad tolerance letting grit and sand pass without clogging.



Put your front wheel on a clean surface with rotor holes facing up. (Complete wheel including bearings and spacer).

Note: The calliper needs to be fitted to the rotor before mounting the rotor on the wheel.

Fit the brake calliper to the rotor and tighten the brake pads using the adjusters and align the rotor so it is centered in the calliper. Place the rotor over the holes in the wheel. Fit the rotor mounting screws in a criss-cross pattern (12 o'clock, 6 o'clock, 2 o'clock, 8 o'clock, 4 o'clock, 10 o'clock pattern).



Fit your wheel to the fork and secure with 12mm axle nut. Rotate the wheel on the axle to make sure that the rotor screws don't rub on the bracket.



Remove the calliper mounting screws from the calliper mounting block. Loosen the brake pads on the calliper by rotating the adjusters either side and align the mounting block with the holes on the fork.



Align the calliper so the rotor is centered in the slot of the alloy casting and secure the alignment screws.

Adjust the brake pads so they are not rubbing on the rotor by rotating the adjusters either side of the calliper. The inside adjuster requires a 5mm allen key, the outside adjustment knob can fine tuned by hand.

Each time you make a minor adjustment spin the wheel to hear if there is friction between the brake pads and the rotor.

Once the inside adjuster is positioned correctly the small grub screw can be gently tightened with a 2mm allen key to hold the adjuster in place.



Changing the Brake Pads

When

The pads require changing when the outer adjuster wheel will NOT screw in further. DO NOT try to adjust the inner pad to compensate as you can distort the rotor.

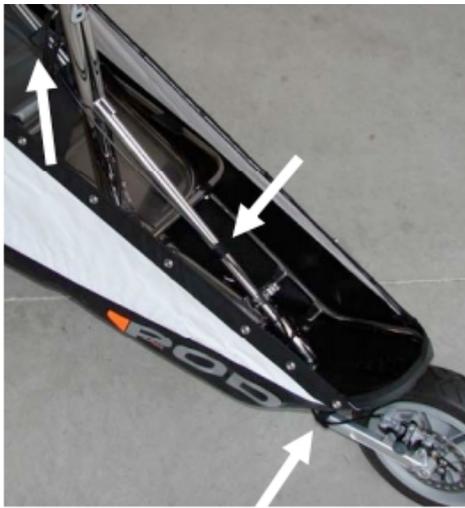
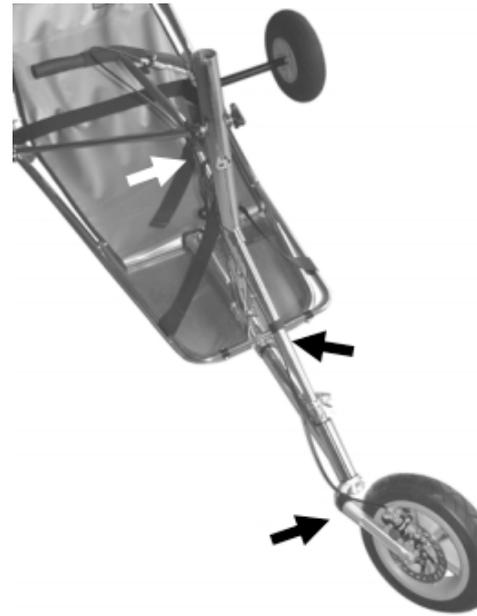
How

1. Remove the calliper from the fork and unscrew the inside using a 5mm allen key and remove the inside brake pad.
2. The outside pad can now be removed using the tab on the pad.



Once you have the brake mounted to your fork then fit your fork to the blokart as normal.

Using the three velcro ties provided attach the brake cable to your fork and handle bar. Attach it above and below the mast base to keep it tidy and out of the way.



If you have a POD use one velcro tie to attach the cable to the fork then remove the lever and run the brake cable through the fork hole in the POD. Then attach along the handlebar with velcro ties and re-attach the brake lever.

Pull back the soft grip to fit the brake lever.

Clamp the brake lever to the handlebar and tighten with the tri-knob.



Although the brake lever is designed to be mounted on the left it can be positioned on either side of the handle bar .



Parking Brake: The brake also includes a locking system to be used as a park brake.

Pull in the lever and push-in the locking button to prevent your kart from rolling away.