



Instructions

Revision Spring 2016

Please, you must read this thoroughly and carefully while referring to the information online. If you have any questions email me **before** you start assembling your system. Your system will not function if it is not installed correct!!!

www.wallyskier.com

wally@wallyskier.com

Sand bladder and anchor assembly = 6 hours

Course installation = 10 hours

Parts included

Refer to WallySinker kit on www.shop.wallyskier.com

Parts **not** included – no pregates

| | | |
|---------|----|--|
| Anchors | 2 | 5 gallon bucket |
| | 2 | Concrete – 80# bag |
| | | Fill bucket with concrete, put in ss eyebolt and let dry |
| Pvc | ? | enough ¾” pvc (10’ sticks schedule 40) and couplers to run from course to fill valve |
| Weight | 14 | Play sand (must be dry and screened) – 50# |
| | 5 | 2.5# weights to keep cables/tubing underwater |

*Note - If using PreGates 2 additional 2.5# weights required

Disclaimer – if you do not have enough brain power to use safety at all times, stay home (have a cold one) and have someone who is competent and safe install the WallySinker.

Respect the water!!!

While waiting for your WallySinker kit to arrive

-Assemble anchors, get ¾" pvc and 5# weights.

-Get the play sand (**must be dry and screened, do not use wet sand it will not give you an accurate weight for proper floatation**).

-9" buoys / S-1 boat guides require 28# sand.

-7.8" turn buoys and 7.8" ski gates require 25# sand.

If you are installing the WallyCourse and the WallySinker together; Put your air bladders, tubing, fittings, cable ties and buoys on all of the pvc before putting in the water. Do not put the tubing on the cables. Install the tubing on the cables after the course is installed and tensioned.

Filling the sand bladders

-Fill sandbladders per wallyskier videos. **This is the most important step, if not done right your system will not float properly.**

-Load the kit on the boat. Start upwind at the end of the course, so the boat will drift down wind while working on the course. Use a 10' piece of line, attach one end to the back of the boat, and clip the other end on the course. This holds the boat over the course while assembling and is a great help when maintaining the course.

Everyone must wear an approved life jacket at all times!

-Assemble referencing wallyskier videos. **Secure the air line to the pvc pipe with a custom cable tie a minimum of every 3'. Secure the air line to the stainless steel cable with a plastic hose clamp a minimum of every 3'.** Repeat as necessary.

-**Important**, put a 2.5# weight, on each mainline cable, in the middle between the gates. This is to insure the cables and tubing stay underwater in the event the course becomes detensioned.

Set up the fill buoy

-Measure how far from the course you will have the fill buoy (typically 60').

-Drill a hole 1" from the ends of the ¾" pvc and put a 2' piece of line through the holes and tie a loop (at the ends of pvc). Next, slide the tubing inside before gluing together. Using the loop of line you just made at the ends of the pvc, secure one end of the loop in the ss snap hook where the main cable attaches to the v cable (remember hook up the fill

line to gates 3 or 4 / middle of the course). Attach the 3 way fitting on the tubing (where you hooked your pvc to the course) and attach to fill line tubing inside 3/4" pvc.

-Place your 2 anchors for the fill buoy at the end of the 3/4" pvc away from the course.

*Remember, if you move your course you might need to move the fill buoy assembly first.

-If you can't have a fill buoy permanently floating on the water, you will need to assemble a separate mini sinking system for you fill buoy. Use another air bladder and sand bladder on the fill buoy and run a separate air line to shore or a dock. The air line will need to be secured with 3/4" PVC for protection and sink to the bottom of the lake. To float the course use the WallyPump, at the dock, to first pump up the one air bladder and raise the fill buoy, then go out to the fill buoy and inflate/deflate the system as you would normally do with the WallyPump. When you are done, use the WallyPump to sink the fill buoy.

Installing the sand bladders

-The WallySinker is designed not to sink to the bottom, so it can be retrieved and worked on easily. **The best performance will be had at the minimum depth safety allows and to fill from the center of course.** Tie the line to the sand bladder and lower in the water until it hits bottom. Take off (sinking depth) + (distance PVC sits underwater when floating normally). Tape and cut line. Attach plastic adjustable hook to line and snap on to course. To attach the sand bladders to the turn balls, take a piece of line through the eyebolt and around the PVC and tie to form a loop, snap the sand bladders to the loop using the plastic adjustable hook. Use the 9" ball gauge to keep the buoys 9" in size for proper floatation of the course.

-Purging the system / if the rpm is changing (sucking water) while using your WallyPump you need to purge the system. If you have a break in the air line and get a lot of water in the system, fix the broken air line, float the system *turn off the WallyPump* go to the end of the course, open the purge valve and let the water blow out(both ends if necessary).

-When water pumps through the 8 amp WallyPump water will squirt out of the head gasket and sit in the bottom of the box. This is normal, remember the pump is designed for pumping air, and so the less water you pump through your WallyPump the longer the pump life. Please run the pump for a minute after sinking course to purge all water and leave the pump in a dry place with the cover open.

Take care of your WallyPump; let it dry out when not in use for a longer life.

It is your responsibility to keep your system a safe depth underwater!

Happy Skiing, Wally