

## Drill Bit and Bearings

Drill Bit size is 1/4"

Bearings are made out of Nylon only. Some outdated pictures of our base kits show metal bearings. Bearings on the castors are steel.

## Extra Parts

Our 4 inch and 5 inch GLI tube kits are packaged with all of the necessary parts to assemble both our aluminum AND resin Solar Reels. Each tube kit includes (2) Aluminum Tube Inserts AND (2) Resin Tube Inserts. These inserts are installed where the tube kit attaches to the Reel base. If you have our Whirlwind, Hurricane, Storm, or Monsoon Reel System, you will be using the Aluminum Inserts. You may discard the white Resin inserts that come in the tube kit. If you have our Cyclone or Typhoon, you will be using the white Resin Tube Inserts and discarding the Aluminum Inserts.

4 extra screws in the tube kit are not needed

## Hurricane

Height with No Castors is 13"

Customer can purchase a second crank handle for the other side of the Hurricane.

The Caster Kit (99-55-4390003) - each caster weighs 6.4 oz (1/2 a pound), this kit includes the casters and the bases

### Parts Breakdown:

QTY	PART #	DESC
2	99-55-4395007	Base Stand
4	99-55-4395012	Plastic End Caps for Stand
2	99-55-4395009	Locking Collar
1	99-55-4395008	Crank Handle
1	99-55-4375015	3" Insert Adaptor w/Axle
1	99-55-4395014	3" Insert Adaptor
1	99-55-4395039	4" Insert Adaptor x/Axle
1	99-55-4395025	4" Insert Adaptor
1	99-55-4395010	Small Allen Key for Locking Collar

2	99-55-4395013	3" Axle Bolt/Nut
up to 8	99-55-4395033	3" Universal Through Bolt
2	99-55-4395024	4" Axle Bolt/Nut
up to 8	99-55-4395034	4" Universal Through Bolt
4	99-55-4395051	Rubber Foot Pad
1	99-55-4375019	Drill Bit
1	99-55-4395015	30" In Ground Reel Strap Kit

## Installation Questions

In addition to the Q&As below, there are pictures in Box and videos in the Canned Responses available of the installation.

**How far into the Solar Blanket should the black plates be installed?** 4"-6" minimum. **Handle or Axle is missing holes.** Only one hole is used on both the axle and handle. The axle bolt goes through this one hole, the tube insert, and the aluminum tube. The hole for the set screw on the axle is not used. Also, the set screw in the locking collar does not go into a hole.

**How are the straps attached to the tube and solar blanket?** The strap kit included with the base kit comes with double amount of black plastic strap plates as green straps. One of the black plastic plates is attached to the solar blanket using a large black plastic screw included in the strap kit. Punch a hole in the solar blanket using a small Phillip's screwdriver.

**Can the Whirlwind be mounted on a deck?** No. The handle will bottom out on the deck. If the customer mounts the Whirlwind aluminum base on a 4x4, the handle will clear the deck.

**Do the above-ground reels have to be mounted in the center of the pool?** Yes, the reel must be installed at the widest part of the solar blanket which would be the center of the round or oval pool.

**Where is the Locking Collar installed (Whirlwind, Hurricane, and Storm)?** The Locking Collar goes on the outside of the base, opposite of the tubes.

## Instruction Errors

**Customer is missing 2 tubes for their 24' tube kit.** The reel instructions that are packaged with the reel system show the 24' tube kit comes with 7 tubes and 14 bolts which is INCORRECT. It only comes with 5 total tubes and 10 bolts. The instructions were updated for 2016.

**The same part number is being used for 2 different parts on the instruction sheet for the Hurricane Base Kit:**

99-55-4395012 is being used for the plastic end cap for the base and Allen key for locking collar.

The correct one is plastic end tip.

99-55-4395015 is listed as 3' metal insert adapter w/ axle and the strap kit.  
The correct one is the strap kit.

## Monsoon

Wheel diameter is 14"

## Packaging

The hardware is packaged inside the smaller tubes which are packaged inside the larger tubes. They are then wrapped in a plastic sleeve.

These ship Class 85

## Sagging Tubes

When assembling your reel, make certain that when the tubes are inserted into each other, they are twisted and "locked" into place BEFORE the holes are drilled for the bolts. This will eliminate the excess slack at the joints and reduce the sag in the reel. Also, make sure that the tubes have at least 9 inches of overlap at each joint.

Additionally, solar blankets begin to retain water as they age. This water retention can cause the tubes to sag more when the cover is wound than when it was initially installed. Also, GLI recommends that solar blankets greater than 12mil not be used to assist the reel in operating properly. Covers over 12 mil can cause the aluminum tubes to sag more than the reel is intended.

## Screws Falling Out

**All of the screws that hold the straps to the aluminum tube are falling out.** The screws were over tightened and the holes were stripped. Either the customer must go to the hardware store and buy replacement screws with thicker thread and replace or drill all new holes in different locations.

## Storm

If a customer's Storm Reel's adjustable base post has holes drilled on the wrong side, then this is a warranty issue. Enter a no-charge Sales Order with NC Reason Code – MFG-55-VDR-VEN.

### Parts Breakdown:

QTY	PART #	DESC
1	99-55-4395008	Crank Handle
2	99-55-4395041	32" Stand
2	99-55-4395042	15" Extension Post w/Bearing
2	99-55-4395043	30" Stabilizer
6	99-55-4395044	3" Caster Screw (each)

6	99-55-4395045	Rubber Foot Pad
2	99-55-4395032	Quick Release Pin
2	99-55-4395020	Caster Custom Wrench
2	99-55-4395048	Stabilizer Assembly-Screw w/Washer & Spring Washer
1	99-55-4395049	Large Allen Wrench
1	99-55-4395010	Small Allen Key for Locking Collar
1	99-55-4395050	60" Commercial Reel Strap Kit
2	99-55-4395025	4" Insert Adaptor
2	99-55-4395075	5" Insert Adaptor
2	99-55-4395009	Locking Collar & Allen Screw
2	99-55-4395012	Plastic End Caps for Stand
2	99-55-4395024	4" Axle Bolt/Nut
Up to 8	99-55-4395034	4" Universal Through Bolt
2	99-55-4395047	5" Axle Bolt/Nut

## Strap Kit Strap Lengths

Above Ground Reel Strap Kits (99-55-4375006) include 12" straps:

- Tidal Wave
- Whirlwind

In-Ground Reel Strap Kits (99-55-4395015) include 30" straps:

- Cyclone
- Typhoon
- Hurricane
- Monsoon

Commercial Reel Strap Kits (99-55-4395050) include 60" straps:

- Storm
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- **Tidal Wave**
- **Parts Breakdown:**

<b>QTY</b>	<b>PART #</b>	<b>DESC</b>
1	99-55-4375000	Axle w/Crank Handle
1	99-55-4375001	Axle End
2	99-55-4375002	Barrel w/Handle
2	99-55-4375003	Top Mounting Bracket
2	99-55-4375006	12" Above Ground Strap Kit

## Typhoon

### Parts Breakdown:

<b>QTY</b>	<b>PART #</b>	<b>DESC</b>
2	99-55-4395000	Wheel
2	99-55-4395001	Wheel Footpad
2	99-55-4395002	Crank Handle
2	99-55-4395003	Wheel Bearing
2	99-55-4395004	3" Insert Adaptor
2	99-55-4395016	4" Insert Adaptor
2	99-55-4395013	3" Axle Bolt/Nut
Up to 8	99-55-4395033	3" Universal Through Bolt
2	99-55-4395024	4" Axle Bolt/Nut
Up to 8	99-55-4395034	4" Universal Through Bolt
1	99-55-4375019	Drill Bit
1	99-55-4395015	30" In Ground Reel Strap Kit

## Whirlwind

### Parts Breakdown:

<b>QTY</b>	<b>PART #</b>	<b>DESC</b>
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1	99-55-4375003	Crank Handle
2	99-55-4375009	Mounting Base
2	99-55-4375010	Base Post w/Bearing
2	99-55-4395009	Locking Collar & Allen Screw
1	99-55-4395010	Small Allen Key for Locking Collar
1	99-55-4395014	3" Insert Adaptor
1	99-55-4375015	3" Insert Adaptor w/ Axle
1	99-55-4395025	4" Insert Adaptor
1	99-55-4395039	4" Insert Adaptor w/ Axle
2	99-55-4375011	Base Safety Cap
2	99-55-4395032	Quick Release Pin
8	99-55-4375014	Self Drilling Mounting Screws
1	99-55-4395038	Driver Bit
2	99-55-4395013	3" Axle Bolt/Nut
Up to 8	99-55-4395033	3" Universal Through Bolt
2	99-55-4395024	4" Axle Bolt/Nut
Up to 8	99-55-4395034	4" Universal Through Bolt
1	99-55-4375019	Drill Bit
1	99-55-4395015	30" In Ground Reel Strap Kit