

Build Your Own Wakeboard Winch Parts List

By: Beach Winches.com

Part Description:	Quantity:
Winch Frame (Premade or Homemade)	1
Winch Spool (Premade is suggested but can be made homemade)	1
1" Winch Hubs (Also called Go Kart Hubs if you search the web)	3
1" Solid Winch Axle (Check our Beach Winches Store for custom cut axles) Note: The length should be about the same as the overall width of your winch.	1
Backsplash (Can be metal or plastic but it is used to save your engine from getting wet)	1
1" Pillow Blocks (We sell these in our Store)	2
6.5 HP or higher engine (Good engine selection at Harbor Freight and we sell our own in our store too)	1
Roller Fairlead (Check eBay for the cheapest price)	1
Non-stretchable winch line (Dyneema is the top of the line choice which is in our store but for cheaper alternative just make sure the line is non-stretchable and it should work fine. Check marine stores)	Your choice for length
Centrifugal Clutch or Torque Converter (This is required for your winch to work properly and you have the choice for the cheap centrifugal clutch or the powerhouse torque converter)	1
50-72 Tooth Sprocket for Axle (Note: more teeth = more speed, less teeth = more torque.)	1
Wakeboard Handle (To attach to the non-stretchable line)	1
Roller Chain (Make sure that you match the sprocket chain type for both the axle sprocket and your engine clutch sprocket. Choose either #35 or #40/41.)	5 Feet
Bolts, Nuts, and Threadlocker (You will need a couple of different sizes for bolts but make sure they are galvanized or stainless steel and threadlock EVERY BOLT.)	Check breakdown below

Bolts and Nuts Breakdown:

Bolt Quantity:	Nut Quantity:	Part Needing Bolts:
2	2	Roller Fairlead
4	4	2 X Pillow Blocks
4	4	Engine Mounts
	TOTAL:	
10	10	Different Sizes are needed.

Optional Parts List:

- Wheels
- Truck Hitch Pins
- Thumb Throttle Kit
- Disk Brake Kit

This list should help you get you really started on building your own wakeboard winch. Be creative and have fun building and enjoying your creation. Check out or Beach Winches Store for the hardest to find and make parts.