

eTech n Stuff
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Thank you for your windmill order. It will be arriving in a few days.

Here are some tips we have learned to help you put the windmill together:

- First lay out all of the windmill leg and frame parts
- Put the legs together – finger tighten the bolts
- Fasten the legs to the top plate – keep the bolts a little loose
- Stand the frame up
- Put a bolt through two of the cross supports and through on middle corner hole and put a short piece on the back of the corner and a nut
- Do this to all four corners so you end up with two long pieces hanging down on the outside of the legs and one short piece hanging down on the inside of each leg
- Put a bolt through two more of the long pieces, put it through the hole in the middle of the leg and lift up the short piece – put it on the inside of the leg and put on the nut.
- Do this with the other three legs. You now will have two long pieces hanging down on each side of each leg and the short pieces will go around the inside of the legs. This will now give the legs a lot of support and will set the distance.
- Slip the platform over the top
- Bring each inside long piece up to the holes near the top keep them on the outside of the legs. Four of these will have bolts that go through the platform
- You now will have four pieces left and on each leg a long piece hanging down. Bring one long piece across the bottom put a bolt through the hole in the leg put one of the longer pieces on the inside and put on the nut. Bring the next long piece across, put the bolt through it into the leg and lift up the longer piece and put it on the inside of the leg and put on the nut.
- Do this the rest of the way around. You will now have the frame complete.
- Start with the bolts that hold the leg piece together and tighten them.
- Make certain the frame is sitting on a level surface and start at the top and tighten the bolts on the top plate. Next tighten the bolts that hold the platform the top braces.
- Work your way down and tighten all of the bolts all the way around on level at a time.
- The windmill will become solid and will set flat and level.
- Put the tail together and attach it to the swivel bracket.
- Take the windmill frame to where you are going to place it in your lawn or garden
 - Some things to know
 - While the frame can sit directly on the ground you might want to consider putting it on some sort of base, wood – cement blocks – cement pad –flat stones - etc
 - Be certain to use the metal brackets to anchor the legs and into the ground or you can fasten the legs to the base.
 - It is important to make certain the frame is anchored if you do not anchor it and high and gusty winds happen, the windmill will tip over with the wheel turning and this will damage the wheel (how do I know this? - experience)
 - Finally put some grease on swivel part of the tail and wheel piece and put it in the top mount of the frame. One of the large washers goes on first.
 - Put a large washer on, then the wheel, then another large washer and put both cotter pins in. Put some grease into the wheel bearing.
 - Check to make certain the platform is level and you are done
- These windmills are very well made, the college ones are powder coated and will last for years the silver ones are galvanized and will also last for years.
- The bolts and nuts will rust over time – a little silicon grease on each nut and bolt will fix that