Gauthier De La Plante

Installation Guide
Marina Cable Railing System – Timber Post

Complete installation videos available at:
youtube.com/@gauthierdelaplante

Material required

- **Hex key**
- **Drill**
- **Cable crimper and cutter**

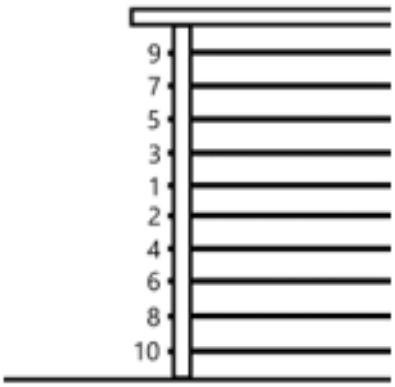
Stainless steel wire rope

- **Cut all but one plastic ties and unwind the cable. This will prevent the cable from tangling. To cut the cable, use either a stainless steel cable cutter or an angle grinder with a stainless steel cutting disc.**

Tensioning the cable runs

IMPORTANT! Handrails must be attached to the posts before tensioning the cable!

Begin the tensioning in the middle of the post, giving a minimum of tension. Once all of your cable runs are installed, adjust the tension on each line following the same sequence.



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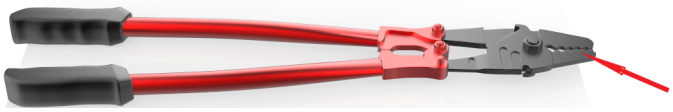
Installation steps

1. **In one of your end posts, drill a ¼”diameter hole (about 1” deep). Tightly insert the screw eye into the hole. Attach a swage fork terminal (with the clevis pin) to the screw eye.**

2. **In your other end post, drill a 11/32” diameter hole (all the way through) for the threaded eyebolt. On the outside of that same post, drill a 7/16” diameter hole (about 1 ¼” deep) for the threaded sleeve. Screw the threaded eyebolt into the threaded sleeve. Make sure to leave about 10 threads (for later tensioning). Attach a swage fork terminal (with the clevis pin) to the threaded eyebolt.**

3. **Insert the cable into one of the swage fork terminals and swage twice using the cable crimper (die #2, then die #1). For long distances, swage three times.**



4. **Measure the distance to the second swage fork terminal. Cut the cable accordingly. Insert the cable into the swage fork terminal and swage twice using the cable crimper (die #2, then die #1). For long distances, swage three times.**

5. **For tensioning the cable, in both of your end posts, fully screw the threaded sleeve clockwise with an hex key.**

Notes :

- **The first cable run is THE most important. It is crucial to carefully measure the length of wire rope you will need (make sure to save enough for the following lines).**
- **After fully screwing the threaded sleeve, if your cable is still not tight enough, that means your cable was cut too long. You then have to start over with a shorter cable length.**
- **If you have intermediate posts (posts where the wire rope passes through), pre-drill 7/32" diameter holes (¼" if you want to install protective sleeves).**
- **If you have 4" x 4" timber posts, make sure to insert the threaded sleeve as far as possible. Otherwise, it will be hard to efficiently tighten the wire rope.**