

If you are repairing a fence tape, loosen off insulators around break, if you have enough slack follow instructions above.

If not, using a joiner add in a new piece of tape down by the end insulator to give you enough tape to repair first break. Or if the distance is not too far run a new tape to the break.

If your tape has been stretched, loosen your insulators down to the end insulator and pull tape up tight again.

### Connecting Electricity:

You have two options:

1. Run your underground cable up the post, to the first end you wish to electrify, strip enough plastic to make a loop at the bottom of the insulator end, take the nut off put your wire loop on bolt, then tighten nut. Do the same for the next insulator end and so on. This will electrify all your tapes. You can also run the cable around your posts to gate latches or end insulators to electrify the same way.
2. Connecting the hard underground cable to your end insulators is difficult as it does not bend easily so it is easier to run soft cable up your posts. Use a crimping tool and crimps to connect the hard underground cable to the soft cable at the bottom of the post, as this is the best way to ensure good electrical connection. You can also run your underground cable under the gate by crimping it on the same connection.



### Installing Y Post Clips



1. Y Post insulator
2. EquiSol Y post cap
3. I like to start and finish the fence with an end insulator, this ensures the fence is pulled tightly. You will need a wooden post at the start and finish for this.
4. Line up the holes on the insulator the the Y post. If you are doing a top insulator put the cap on first and push pin through, this will keep in on securely. (Helpful Hint: take a knife with you and shave off the lugs on the pin, they will go in much more easily!)
5. Undo the top wing nut and loosen the bottom, ensure your rubber inserts are in correctly then slide your tape in and pull tight, fasten your wing nuts.

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## Instructions for Erecting the EquiSol NZ Electric Fence System

#### Tools you will need:

- Cordless drill with **No2 phillips head bit**
- Pair of scissors
- Crescent to tighten nuts
- Pliers to strip underground cable and make loops
- Measuring stick – we use a standard we mark.

#### Components:

- |                |              |
|----------------|--------------|
| Insulators     | Gate Latches |
| Insulator Ends | 6mm Screw    |
| Joiners        | 4mm Screws   |
| Gate Handles   |              |



Using a measure stick (we use an upside down standard), go along and measure where you would like your tapes to run.



Start at one end using an End Insulator, take nut off bottom and take out bolt and metal latches.



Screw onto post with 3 screws, ensure that the square plastic bolt lock is at the top, then insert bolt and latches and screw nut on bottom. Screw the insulators on posts.

Thread tape through metal bars (through both then back through one)

Run tape along ensuring there are no twists. Loosen the bottom wing nut on insulator, then the top wing nut until it comes apart. Ensure the rubber pads are in the correct position, one on each side, insert the tape and pull tightly, fasten the wing nuts.

Continue this until you reach the end then cut tape and thread through the insulator end and pull tight.



If you want to continue to run the tape around the corner, put an end insulator on the inside of the post, and follow the directions below.

Doing it this way means you are able to pull it up tightly.



Take off latches, screw onto post. Run tape past then double back



Put one latch in loop



Put second latch over top of tape to the side



Line up loops and put bolt through, fasten nut on bottom



Pull tight both sides and continue running tape

### Gates:

Screw on end insulator

Using the smaller screws (#4) screw on the gate latch opposite, ensuring the nut is at the bottom to connect power cable too.

Thread tape through joiner and attach to gate handle, we use a pair of pliers to squeeze loop on gate handle shut this stops the joiner coming off. Put gate handle in latch, measure and cut tape long enough to thread through end insulator and pull tight enough to stretch gate spring to right tension.



**To electrify gate,** take a short piece of soft cable, strip plastic at each end and make a loop, put on bolt at the bottom of gate latch and do up nut. Run cable around post to electrified end insulator and do the same



### Threading Ends and Joiners: (For Gates & Joins)



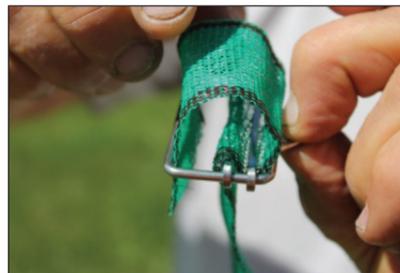
**Push bars across to curved end. Bring tape up through gap**



**Push one bar toward tape and other towards curved end, thread tape down through the middle**



**Push bar nearest to curved end across and thread tape up between bar and curve**



**Push bars across from straight side and thread tape down**



**Pull tight, clip onto gate handle and use pliers to close hook on gate handle, to stop it coming off.**

### Joining Tape:



**Hold your joiner upside down**



**Thread one tape 500mm down through curved end and use tape to hold joiner**



**Slide bars back against tape**



**Bring end of this tape up under 2nd tape so that ends match. Eg: new tape to join on top**



**Pass both ends down through gap, about 20cm**



**Slide 1st bar across to these tapes.**



**Bring both tapes up through centre gap**



**Slide bar across to these tapes**



**Pass both tapes down the last gap**



**Slide both bars to the curved end of the joiner**



**Bring both tape ends up through the gap**



**Pull tight.**



**Pull loop out of 1st tape**



**Join completed**



**Trim excess tape**