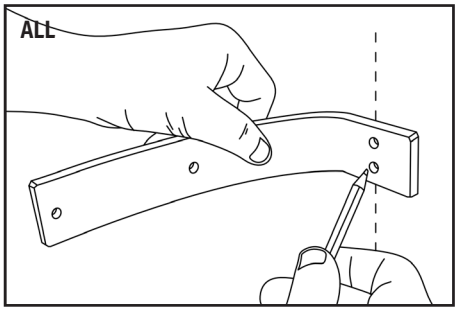
INSTALLATION - MINI CLOTHESLINES: BRICK, STUD WALLS & ALL POSTS

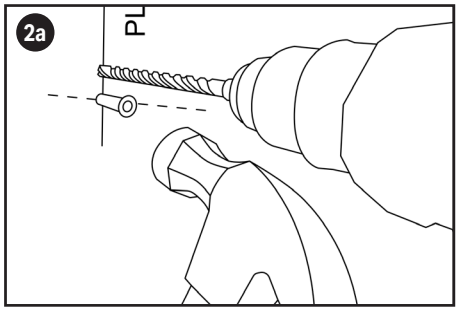
BEFORE YOU START: CAUTION. Coastal Clotheslines recommends using a tradesperson for drilling into any walls or posts in case of exposing asbestos, electrical cables, gas pipes, water pipes and other dangers. **Beware of heavy moving parts and only use to hang clothes on. Keep out of children's reach and this is not a climbing structure.** ***Personal Protection Equipment:*** safety glasses, ear muffs, dust mask. **KIT CONTENTS -** Stainless steel brackets x 2, stainless cables swaged at one end x 2 DIY swageless stainless terminals & key. Hex nuts, dome nuts, washers, fixings & wire cutters & install instructions **TOOLS NEEDED -** 10mm spanner, 12mm spanner, tape measure & pencil. **BRICK -** Hammer drill, 8mm masonry drill bit & a hammer **STUDS -** Drill, 5mm drill bit **POSTS TIMBER -** Drill, 4mm drill bit. **POSTS STEEL - Nut & Bolt for Rear Access:** Drill, 5mm drill bit 2 x 10mm spanners.**Tapping for no Rear Access:** NOTE: minimum 2.5mm wall thickness required- Drill, 5mm drill bit & an M6 x 1.25 tap, tapping lubricant, tap wrench or similar.

DO NOT PRE-CUT CABLES AS BRACKETS ARE CURVED & LENGTHS VARY!

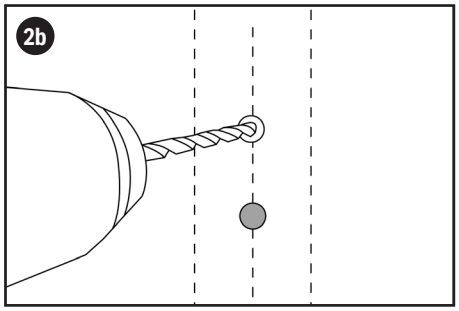


STEP 1. INSTALLING THE FIRST BRACKET

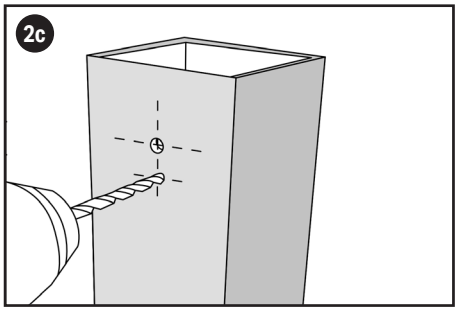
ALL. 1st frame to the desired height & location with the mounting holes of the frame lined up plumb with either BRICK towards the solid edge (no mortar lines) TIMBER (in line w stud) or POST and mark through the holes with pencil. .



2a. BRICK: Place bracket down & drill into marked holes to 70mm depth using the 8mm masonry drill bit. Blow dust & debris out of hole & insert plastic plugs provided & hammer in flush.

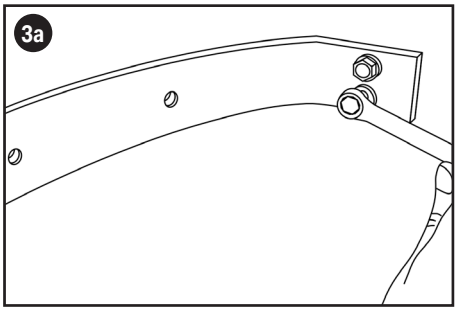


2b. STUD/TIMBER POST: Find centre of first stud location or post. NOTE: STUDS - BEFORE DRILLING - find 2nd stud location within cable length provided. Drill holes using a 5mm drill bit to a depth of 70mm.

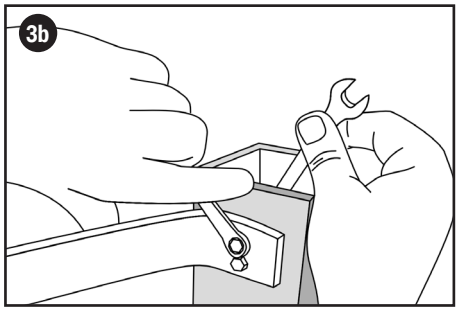


2c. POST STEEL: Nut & Bolt for rear access: Drill holes on marked locations through the post skin using the 6mm drill bit.

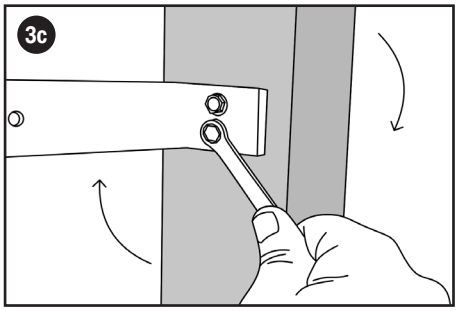
2d. POST STEEL: Tapping for no rear access: Drill holes through post skin using 5mm drill bit. Using a lubricant turn in the M6 x 1.25 tap slowly & methodically repeating forward & backward progressing inward using a wrench or slow moving drill whilst keeping square with surface to create the thread.



3a. BRICK/STUD/TIMBER POST: Pick up 1st coach screw provided, slide washer on & by hand fasten screw through bracket to 95% tension then repeat for 2nd fastener & hole. Now tighten to 100% for both screws. Do not over tighten but keep screws snug & tight.



3b. POST STEEL:
Nut & Bolt for rear access: Pick up M6 bolt & slide 1 washer onto it & slide through hole of the bracket & post. Now whilst INSIDE the post, place 2nd washer & nut on the thread by hand. Using 2 x 10mm spanners, 1 inside & 1 outside, tighten to 95%. Repeat on 2nd hole & tighten both to 100%.



3c. POST STEEL: Tapping for no rear access: Place washer on screw & put through the bracket hole. Whilst keeping square turn in by hand followed by a 10mm spanner & tighten to 95%. Then repeat for 2nd hole & tighten to 100% on both screws- snug to finish- do not over tighten.

STEP 2.

REPEAT PROCESS AS ABOVE FOR 2ND BRACKET. Allow 100mm cable BEYOND your 2nd bracket location.

INSTALLING CABLES for ALL CLOTHESLINES *NOTE: Brackets are curved so cable lengths vary!*

1. 1st bracket - Thread every swaged cable through each hole pulling all the way through.
2. Now finger screw 2 hex nuts on every DIY terminal down the thread nipping the closest to the terminal base with a spanner.
3. Use the allen key to back off each grub screw in every DIY terminal to allow for cable insertion.
4. 2nd bracket - Feed through every hole a DIY terminal allowing enough thread to screw on the 3rd hex nut and dome nut on the outer side. Now finger wind the inner hex nut in from the DIY terminal base towards the bracket to tighten.
5. Stretch out the 1st cable closest to the wall over to the 2nd bracket, go beyond the DIY terminal, HOLD to the spot on the cable lining up just past the 2nd grub screw on the DIY terminal & cut with cutters provided.
6. Insert cable into the DIY terminal tightening with each grub screw w the allen key. Once approx. cable tension is set, further tighten outer hex nut to bracket. FINGER TIGHTEN ONLY.
7. Insert remaining cables as above cutting each cable as you go. FINGER TIGHTEN ONLY outer hex nuts until even tension is achieved on all cables. LASTLY nip up inner hex & outer dome nuts with 10mm spanner DO NOT OVER TIGHTEN.

TIGHTENING THE CABLES

1. Remove all outer dome nuts from DIY terminals with a spanner.
2. Loosen each inside hex nut closest to bracket with spanner and wind back a few turns.
3. Simultaneously whilst pushing the terminal through the bracket, HAND WIND the outside hex nuts towards the bracket on the terminal, working on each terminal and the lines will begin to tighten to even tension.
4. Tighten inside hex nuts against the bracket with a spanner.
5. Nip up outside dome nuts with a spanner to complete operation.

NOTE: Best practice for cable tension is achieved by hand tightening outer hex nuts & spanner tightening inner hex nuts.