SmartCats StayHome
cat fences for cat lovers

INSTRUCTIONS BOOK

CONTENT CHAPTERS

Thank you for purchasing our SmartCats StayHome Cat Fence!

These step by step instructions will guide you through attaching the cat fence to your existing fence. Our cat fences have been designed and manufactured to allow for easy assembly, no special skills and only a few basic tools are required.

Our cat fences are an effective and economical way to keep your cat safely in your property, we have been providing our cat fences to cat lovers for many years throughout Australia and New Zealand.

Although our cat fences are easy to attach to your existing fence. Many of our customers prefer to use a local handyman to install the cat fence. Your local hardware store can generally suggest a suitable person or your local paper will have suitable people advertising.

The Installation Pack contains the electronic control unit and all of the components to attach up to 25 or 50 meters, depending on the size ordered, of cat fence to your existing fence.

If you wish to fence a larger area, the optional Extension Kit has all of the components to extend the cat fence by an additional 25 or 50 meters. Up to 3 extension kits may be added to the installation pack.

If you have any questions regarding your new cat fence we are happy to help via email or by phone, this is seldom necessary with the step by step instructions but we are here to help if you require our assistance.

Michael Jones
Founder

Meet Bobbie

INSTALLATION PACK

50m

WHAT'S IN THE 50m PACK

50m Installation Pack

- Instruction Book
- Electronic Control Unit - with power source
- 50m x Orange / White Polywire - with 8 meters of Red wire attached
- 50m x Black / White Polywire - with 8 meters of Black wire attached
- 8m x Green Wire
- 2m x Black Protective Tubing
- 25 x Fence Brackets
- 1 x Ground Spike
- 1 x Gate Mounting Kit
- 1 x Drill Bit
- 1 x Pack Cable Clips

WHAT'S IN THE 25m PACK

25m Installation Pack

- Instruction Book
- Electronic Control Unit - with power source
- 25m x Orange / White Polywire - with 8 meters of Red wire attached
- 25m x Black / White Polywire - with 8 meters of Black wire attached
- 8m x Green Wire
- 2m x Black Protective Tubing
- 15 x Fence Brackets
- 1 x Ground Spike
- 1 x Gate Mounting Kit
- 1 x Drill Bit
- 1 x Pack Cable Clips

TOOLS REQUIRED

- Battery Drill, Screw Driver, Pliers and Wrench (Optional)
- **Please Note:** Masonry fences will require a suitable drill for the 7.0mm drill bit provided.

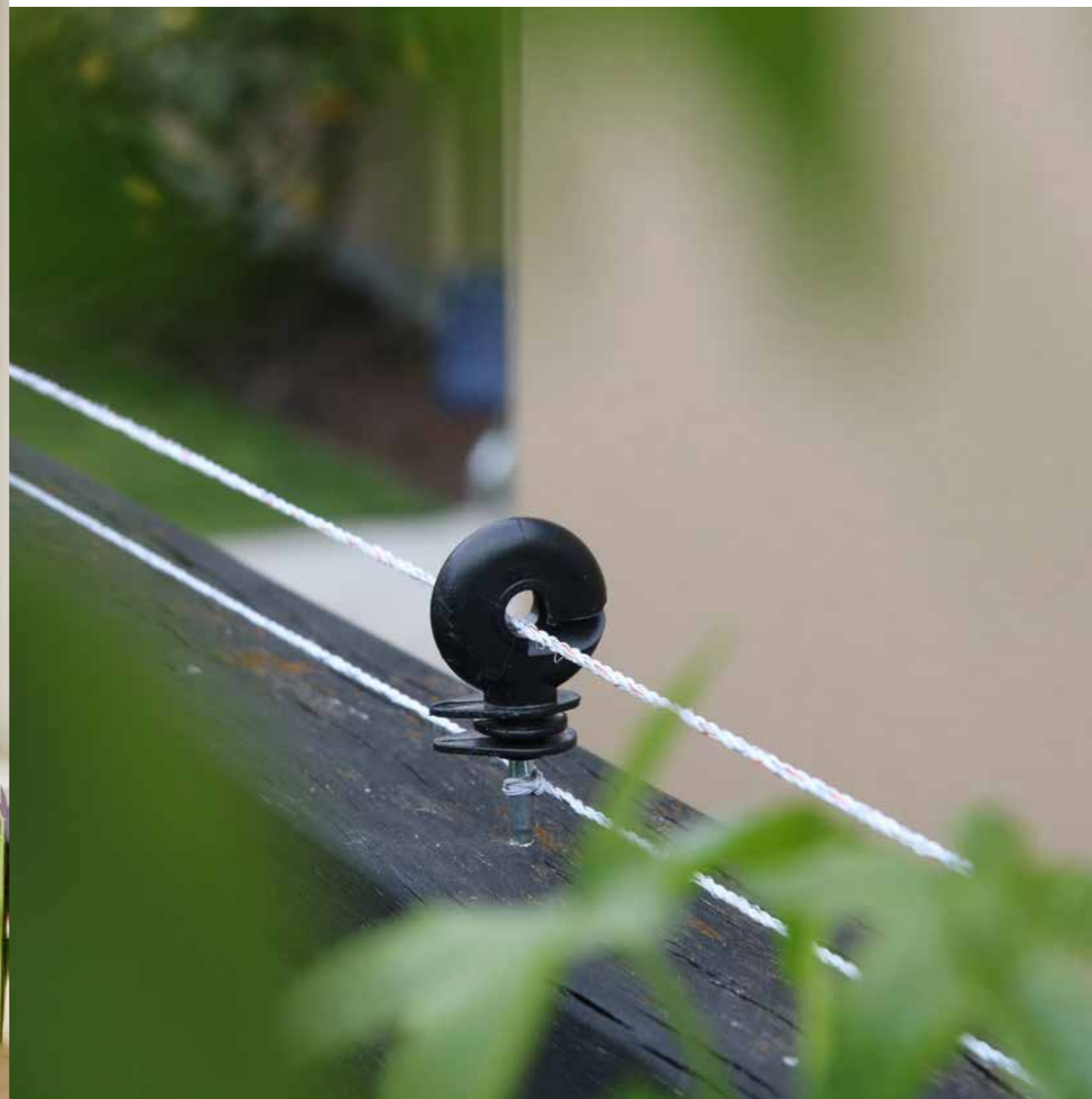# STEP BY STEP VIDEOS

Cat Proof Fence | SmartCats StayHome

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ATTACHING YOUR CAT FENCE

STEP 1 - ATTACH THE BRACKETS

Attach brackets to the existing fence. Plan where the mounting brackets will be attached to the fence and ensure that when the Polywire is attached it will not snag on an obstructions. The brackets attach into the top of the fence so the Polywir is supported approximately 60mm above the top of your fence. Distance between brackets 2.5 meters. Attach brackets as described for your fence type below:

TIMBER FENCES

Use the 4.5mm drill bit provided to drill a hole in timber and screw the bracket in so the top of the threaded part is flush with the top of the timber fence.

METAL FENCES

Use the 6.0mm drill bit to drill a hole in the centre of the top capping of the Colorbond Metal Fence. Screw one nut onto a bracket and wind the nut up the full length of the thread on the bracket. From the top of the fence, put the bracket through the hole you have drilled and reach up and put a second nut on the bracket from below. You should now have one nut above and one nut below the top capping. Hold the bracket and tighten the top nut down until the bracket is held securely in place and tighten.

CONCRETE, RENDER OR BRICK FENCE

Use the 7.0mm masonry drill bit provided to drill a hole in the top of the fence 25mm deep. Push the nylon anchor into the drilled hole and screw the timber fence bracket into the nylon anchor so the top of the threaded part is flush with the top of the fence.

STEP 2 - ATTACH THE BLACK WIRE

Unwind the White/Black Polywire making sure there are no knots or tangles in the polywire. It is best to unwind and lay the polywire on the ground to ensure there are no tangles. Begin at the bracket closest to where the controller will be located. Tie a loop in the White/Black polywire beside where it joins the Black insulated wire and place over the top of the first bracket on the fence. Position the loop around the metal base of the bracket and slide down so it sits down on top of the fence. The loop is tied in the White/Black polywire to reduce the strain on the join between the White/Black Polywire and the Black insulated wire, and to connect it to the metal base of the first bracket.

Keeping the Polywire pulled firm go the the next bracket and wrap a single loop around the metal base of the bracket.

Continue around the fence keeping the Polywire pulled firm and wrap a single loop around the metal base of each bracket.

When you get to the last bracket make sure the wire is pulled firm and tie a knot around the metal base of the last bracket.

Cut off any excess Polywire.

ATTACH RED WIRE

Unwind the White/Orange polywire making sure there are no knots or tangles. Begin at the bracket closest to where the controller will be located.

Tie a loop in the White/Orange polywire beside where it joins the Red insulated wire and place the loop over the bracket so the wire is sitting in the black insulated eye of the bracket.

Keeping the polywire pulled firm go to the next bracket and insert the Orange/White polywire through the black centre eye of each bracket.

Each bracket has a slot on the side of the black part and you can slide the wire into the bracket through this slot.

Continue around the fence keeping the polywire pulled firm and put the polywire through the eye of each bracket.

When you get to the last bracket make sure the polywire is pulled firm and tie a knot around the black insulated part of the bracket.

The White/Orange polywire **must not** touch the fence or the White/Black polywire. Check the Orange/White polywire does not touch any part of the fence or foliage. If the polywire is touching any obstructions, either remove the obstruction by trimming any branches and foliage or cut lengths of the black tubing and thread the Orange/White polywire through the tubing. Slide the black tubing along to where it is required so the tubing touches the obstacle, not the polywire.

When you are sure the polywire will not touch any obstructions pull it tight and tie a knot around the end bracket. Cut off any excess polywire so the loose end will not touch either the fence or any foliage.

STEP 3 - ATTACH THE CONTROLLER

Attach Control Unit and Ground Spike.

HELPFUL TIP

Connect all wiring before plugging in the controller.

GROUND SPIKE

Push the ground spike into the ground, (usually into the garden or lawn) leaving 75mm above the ground.

Attach the round metal rings on the GREEN wire and the BLACK wire to the nut and bolt on the ground spike and tighten with a wrench.

CONTROLLER

The controller is weatherproof and may be located indoors or outdoors.

Use the included template to mount the controller in the required position using the two screws provided and partially screwed in, 40mm apart. The controller has two keyhole slots on the back. The controller hangs on the two screws.

Connect the RED wire and the GREEN wire to the controller.

The wires push on to the metal blade terminals at the bottom of the controller, below the corresponding red and green coloured dots.

The power pack connects to the controller (the round connector on the right side of the controller).
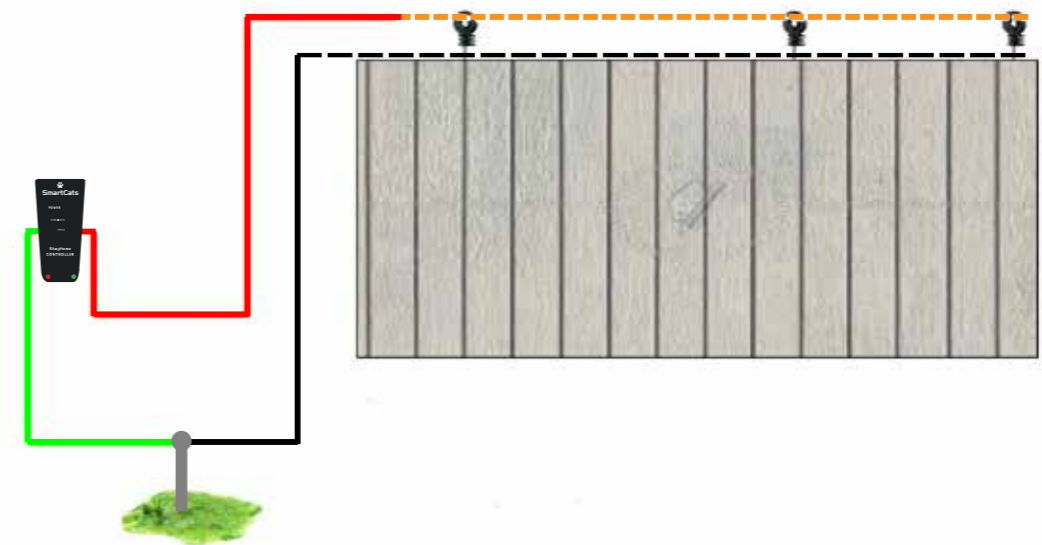
Connect the power point and turn on. There is a switch on the front of the controller, push this switch to turn the controller on or off.

A green light will flash on the front of the controller once every second and you should hear a small ticking noise tick... tick... tick... This is normal and indicates the controller is working.

Now go and test the fence by touching the Polywire along the top of the fence, you should feel a small pulse in the wire once every second. If you can feel the electronic pulse in the wire the fence is working correctly. If you can not feel the electronic pulse in the wire please review the installa- tion steps to locate the problem.

INSTALLATION OF YOUR SMARTCATS STAYHOME CAT FENCE IS NOW COMPLETE

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OPTIONAL EXTENSION KIT

WHAT'S IN THE PACK

Attaching an optional extension kit allows the cat fence to be extended by an additional 25 or 50 meters. Up to 3 extension kits may be added.

25m Installation Pack
- 25m x Orange/White Polywire - with 8m of Red wire attached
- 25m x Black/White Polywire - with 8m of Black wire attached
- 2m x Black Protective Tubing
- 15 x Fence Brackets
- 1 x Gate Mounting Kit
- 1 x Drill Bit
- 1 x Pack Cable Clips

50m Installation Pack
- 50m x Orange/White Polywire - with 8m of Red wire attached
- 50m x Black/White Polywire - with 8m of Black wire attached
- 2m x Black Protective Tubing
- 25 x Fence Brackets
- 1 x Gate Mounting Kit
- 1 x Drill Bit
- 1 x Pack Cable Clips

STEP 1

ATTACH BRACKETS TO FENCE

Follow the procedure on Page 3 to attach the mounting brackets to the fence.

STEP 2

ATTACHING THE POLYWIRES

Using the same procedure as detailed in step 2 for the Installation Pack attach both the White/Black polywire and the White/Orange polywire to the brackets.

METHOD 1

RUN THE EXTENSION KIT FROM THE CONTROL UNIT

Connect the red wire to the same terminal on the control Unit with the other red wire. Connect the Black wire to the ground spike with the Green wire and the other Black Wire.
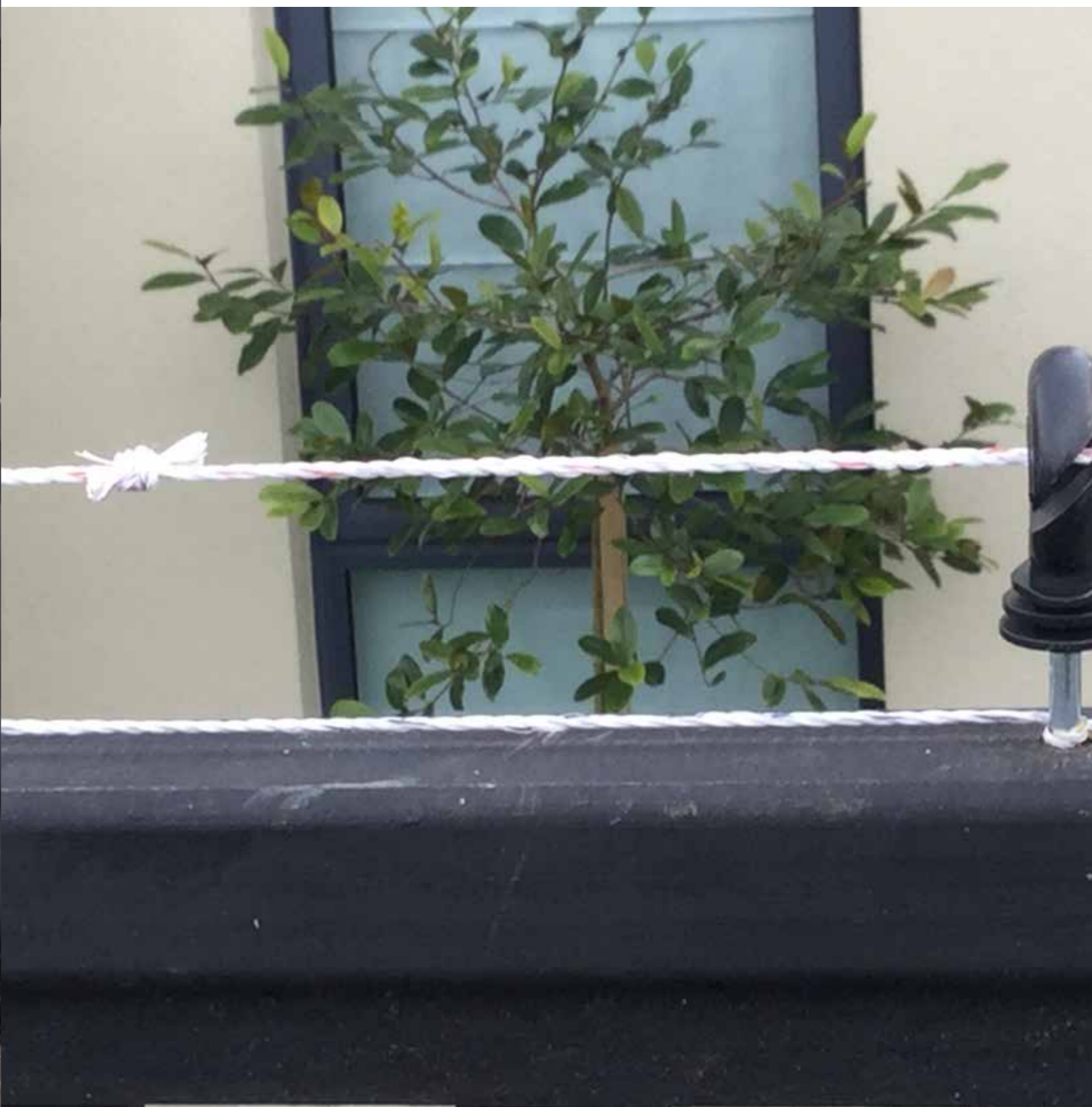
METHOD 2

EXTEND THE FENCE IN THE SAME DIRECTION

Cut off and remove the Black wire from the White/Black polywire. This Black wire is not required. Tie a knot in the two White/Black polywires to join and extend the installation kit polywire with the extension kit polywire. Using the same method, cut off and remove the Red wire. Tie a knot in the White/Orange polywire to join and extend the Installation Kit polywire with the extension kit polywire. Cut off and remove any excess polywire from the knot to ensure there are no loose ends.

JOINING THE POLYWIRE

JOINING THE POLYWIRE

Joining the polywire is easy, the polywire is a combination of nylon fibres and metal wires intertwined.

To join simply tie a good tight knot and make sure both ends you are tying have a firm contact. Cut off any excess.

Try to minimise the number of joins you make by planning the installation before you begin.
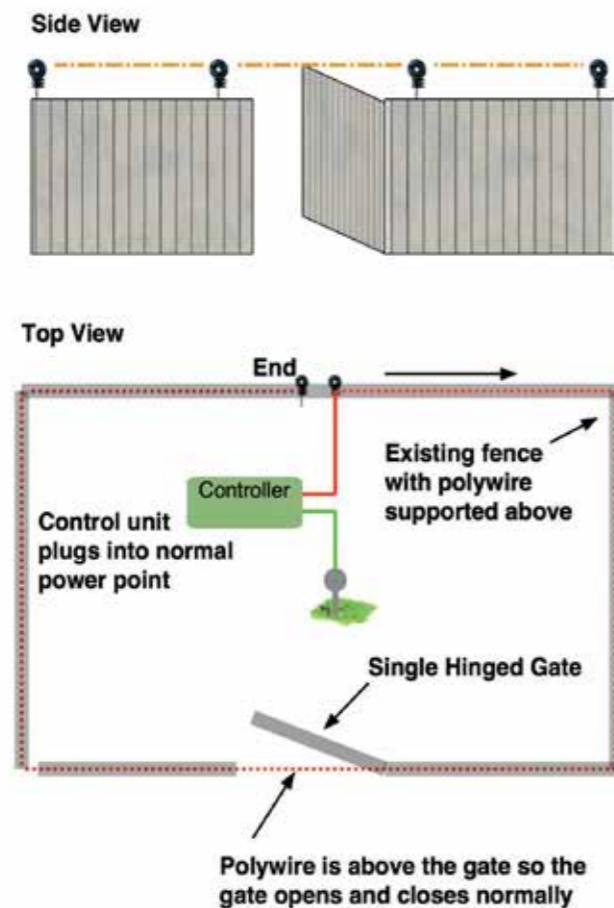
GATE INSTRUCTIONS

These instructions show how the cat fence can be attached where gates are present. We have provided diagrams and instructions for single hinged gate and double hinged gates.
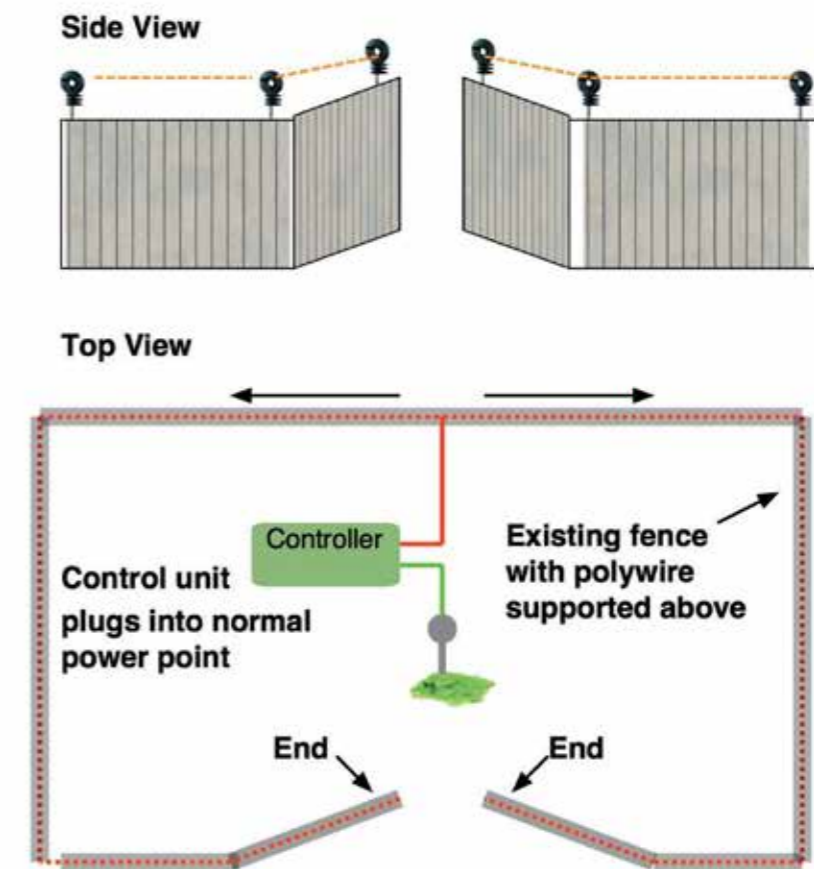
SINGLE HINGED GATE

With a single hinged walk through gate the SmartCats StayHome polywire can simply be run across the top of the gate above head height. In this example there is no requirement to make any modification to the installation. Mount a bracket on either side of the gate, the polywire runs across the top and allows the gate to open and close normally below the polywire.

Side View

Top View

End

Existing fence
with polywire
supported above

Controller

Control unit
plugs into normal
power point

Single Hinged Gate

Polywire is above the gate so the
gate opens and closes normally

DOUBLE HINGED GATE

Attach the cat fence around the top of your fence as detailed in the installation instructions. Finish the polywire at the last bracket beside the gate but do not cut the excess polywire off.
We have included a gate mounting kit with the installation pack.
Attach two brackets to each gate from the gate mounting kit. One spring is used on each gate to maintain the tension on the polywire as the gate opens and closes. A bit of adjustment maybe necessary to allow each gate to open and close without the wire sagging or pulling too tight.

Side View

Top View

Controller

Control unit
plugs into normal
power point

Existing fence
with polywire
supported above

End

End

Attach the polywire to brackets on gate. The fence is energised in eahc direction from the control unit. The polywire from each direction ends on the gates. The gates will open and close normally with the cat fence on top.
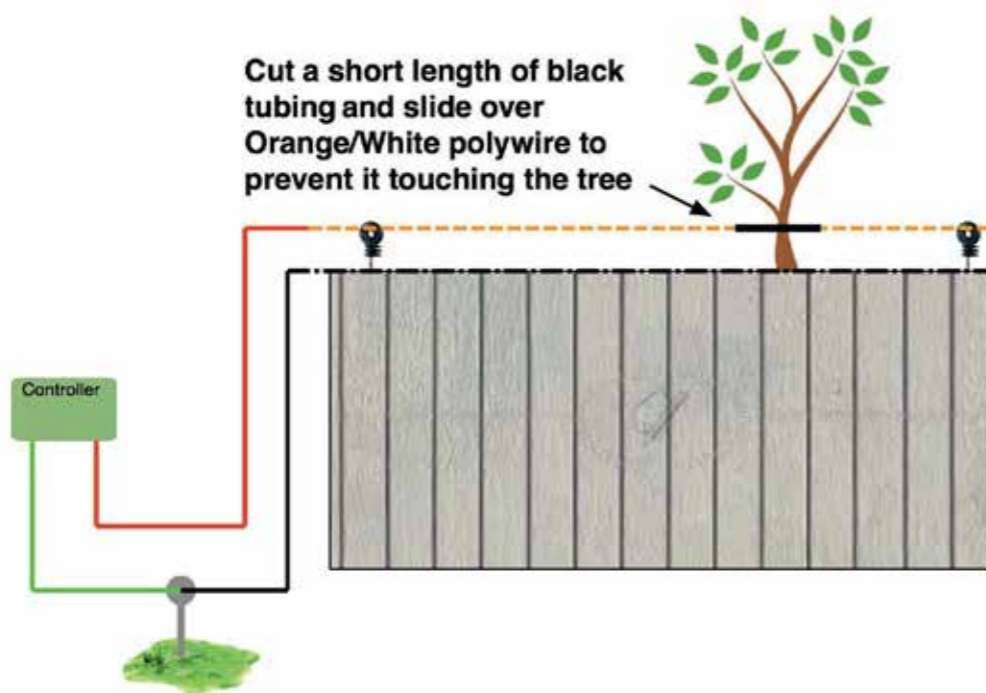
TREES & OBSTACLES

TREES & OBSTACLES

As part of the installation you will need to trim back any foliage or branches touch the Orange/White polywire.
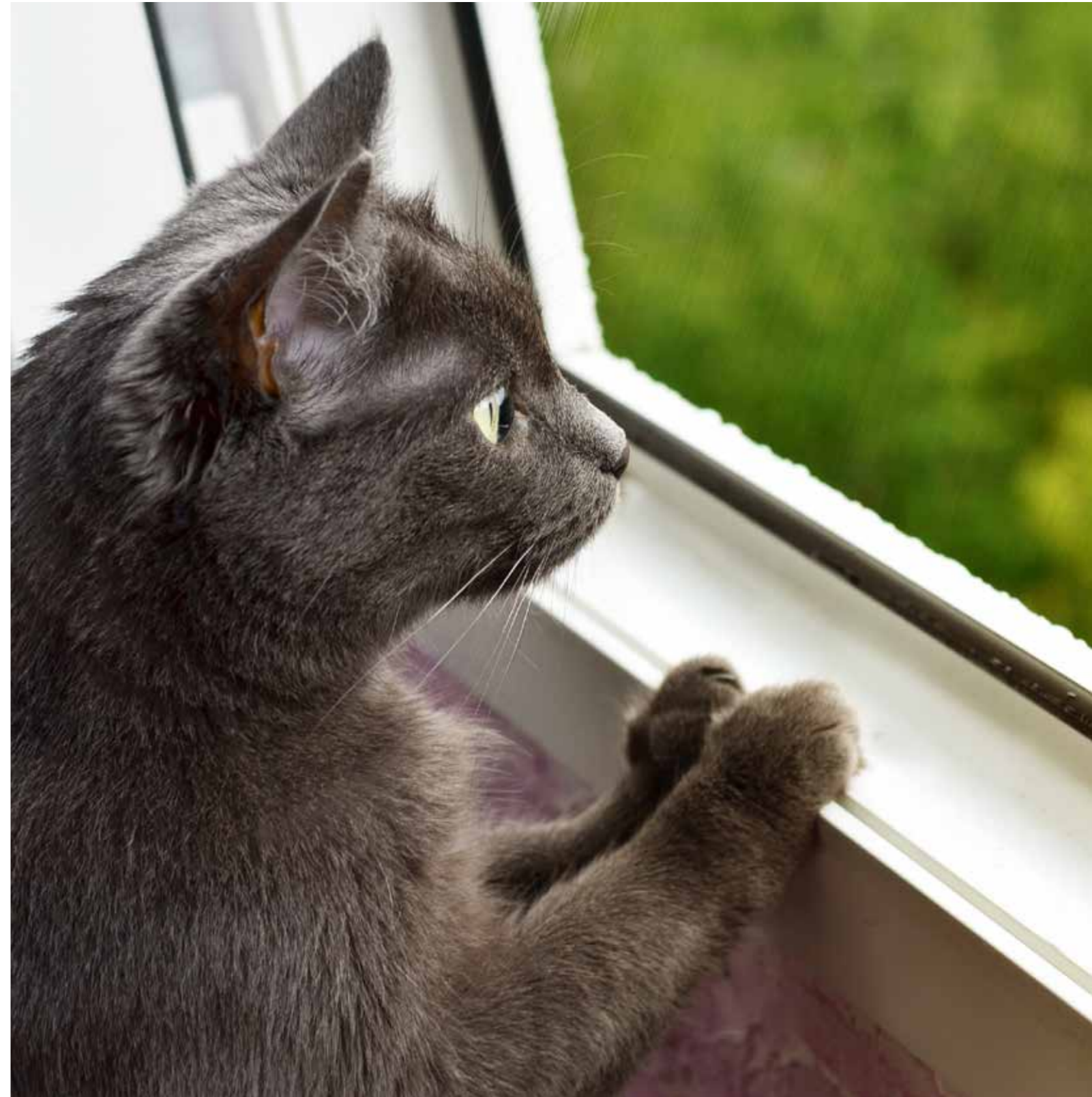
Branches and leaves touching the Orange/White polywire will reduce the effectiveness of the cat fence.

Where there are trees and important branches that are not able to be cut we provide a length of black tube which can slide over the Orange/White polywire. Identify the areas where you need to place the black tube and cut to length, only cut a length long enough to slide over the Orange/White polywire to protect the polywire from touching the tree trunk. Only the Orange/White polywire needs to be protected from touching the tree. It does not matter if the Black/White polywire touches the tree.

Cut a short length of black tubing and slide over Orange/White polywire to prevent it touching the tree

Controller

TROUBLESHOOTING

TROUBLESHOOTING

The SmartCats StayHome cat fence is a very effective and reliable way to keep your cat safe from harm.

If you have any problems with your cat fence please refer to this section to identify the issue if the cat fence is not working correctly.

The only maintenance required to keep your cat fence in good condition is trimming back branches and leaves from touching the Orange/White-polywire. This is the most common issue affecting the cat fence.

Check the controller is plugged in and switched on.

The controller makes a small ticking noise. tick....tick....tick....tick...If the controller does not make this ticking noise, check the power point is working by plugging in another appliance.

Check the ground spike to make sure the green and black wires are both bolted firmly and are not loose.

Starting at the controller, walk around the perimeter of the cat fence looking for any damage to the wires or anything touching the Orange/White polywire. The Orange/White polywire should only touch the black nylon part of the brackets provided with the cat fence.

Wind and Storms can blow branches down onto the fence. New growth can quickly take off and wrap around the polywire. Someone gardening can sometimes cut the polywire by mistake (you or your neighbour).

If you have used the black tubing to protect the polywire from touching trees check this is not frayed or worn through.

If you hear a clicking or ticking noise this indicates the polywire is touching something.

SmartCats StayHome

cat fences for cat lovers

AU PET 2.0

Create a safe space for your adventurous cat

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