STAYFENCE
Freedom & Safety for your Pet

Pet Containment System Manual

Compatible with Auto Lawn Mowers

Contents

What's in the Box

1 x 650ft 18 Gauge roll of wire (200m)

2 x gel filled wire joiners

1 x magnet used to change the correction level on receiver

1 x Transmitter

1 x Power transformer

1 x bundle of flags (50pcs)

1 x Receiver collar + CR2 Battery

1 x Test bulb

1 x Instruction Manual

How to set up your system

Step1: Locate the Stayfence transmitter

The Stayfence Transmitter should be installed:

• In a dry, well ventilated, protected area.

• In an area where temperatures do not fall below freezing that is a moisture free environment.

Note: The Stayfence transmitter unit is not suitable to be located outdoors.

• The Stayfence transmitter can be wall mounted or placed on a flat surface. Most importantly, it should be located in an area out of reach of children (to avoid setting changes).

• It is also advised not to locate the Stayfence transmitter near large metal objects, for example refrigerators, and heating systems.

• Once the Stayfence Transmitter is installed, the Stayfence Boundary wire can exit the building via a window or through a drilled hole in the wall. Care has to be taken that the wire is not damaged or pinched by a window, door, or garage door.

• The Stayfence transmitter must be plugged into an approved electrical outlet.

Step 2: Choosing a layout

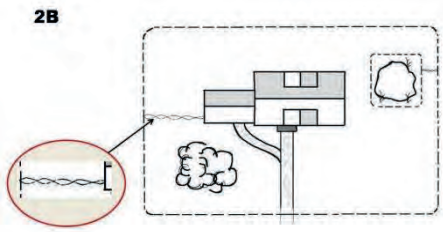
Choose the best suited layout for your property and lay out the Stayfence boundary wire. Check that the system is working correctly, BEFORE burying the wire or attaching it to an existing fence. Treat the wire carefully as even small damages can diminish the signal performance.

Running the Stayfence boundary wire parallel to and within 5ft (1.5m) of electrical wires, neighboring containment systems, telephone wires, television or antenna cables, or satellite dishes may cause an inconsistent signal.

•At all times, the boundary wire must complete a full loop by starting and ending at the fence transmitter (**2A**).**page 6**
•Design a layout that is suitable for your garden.
•At corners, use gradual turns instead of sharp turns which may cause disruption of the signal **(2A).page 6**
•With a double loop layout, ensure that the wires are at least 5ft (1.5m apart), **(2D).page 6**
Avoid creating areas that are too narrow for your pet to move about freely.
•It is possible that the Stayfence receiver collar may be activated inside the house if the boundary wire runs along the outside wall of the house. In this case, remove your pet's Stayfence receiver collar before bringing him inside and decrease the range using the boundary or consider an alternative layout.

Twisting the Stayfence Boundary Wire

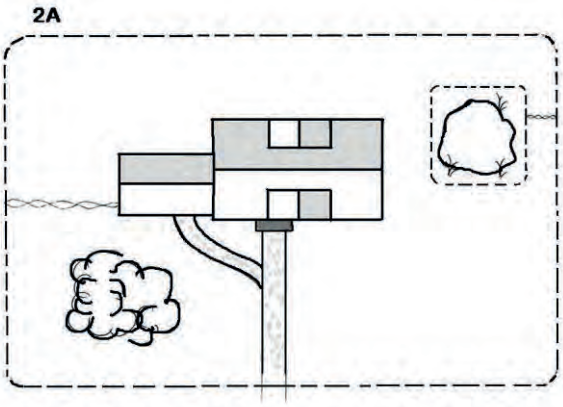
In order to create an area where it is safe for your pet to cross over, you have to twist the outgoing wire around the returning wire.



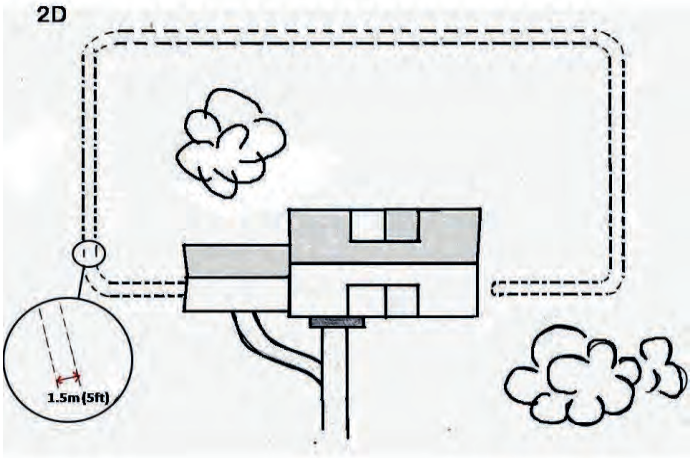
Note: This is only possible emerging from the Stayfence transmitter box running to the boundary wire or when creating a separate boundary around a small area, for example a vegetable patch or a pond (**2B**). You cannot twist the wire along the main boundary wire (it will have no effect).

Sample Layouts

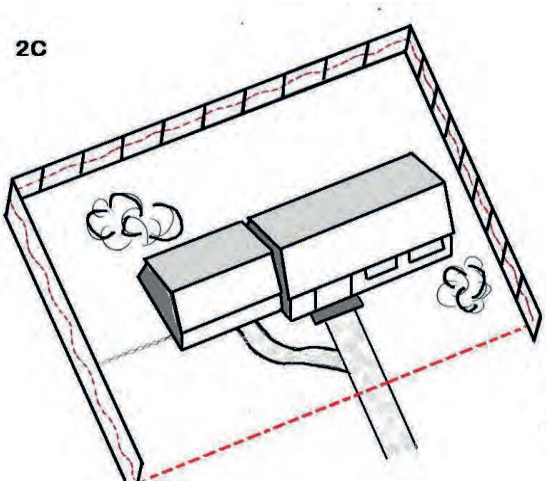
Normal Layout



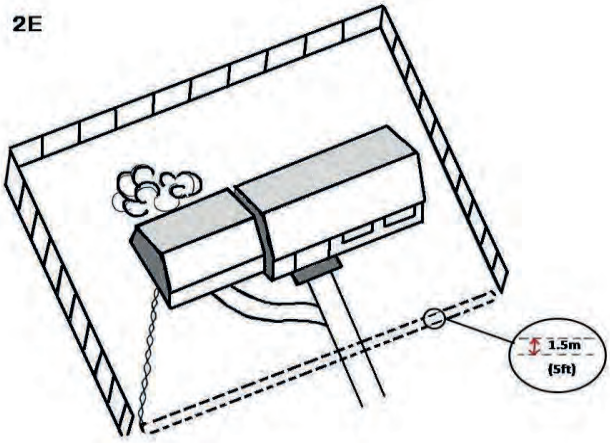
Double Loop Layout



Boundary Wire at Existing Fence



Front Boundary with Double Loop



Step 3: Installing the Stayfence Boundary Wire

The Stayfence boundary wire can be buried up to 2 inches (5 cm) below ground. Or can be as high as 3ft (1m) over ground.

Basic Planning Tips:

Warning: When deciding to bury the boundary wire, care has to be taken that digging does not interfere with other buried power, telephone, or electrical cables in the vicinity. Many underground cables carry high voltage and digging into them, or laying your boundary wire on them, may lead to hazard from shock or electrocution. It is advised to consult with the local utility company regarding the location of underground lines.

To Bury the Stayfence Boundary Wire

Burying the boundary wire will help to protect it from possible damage that could distort the radio signal.

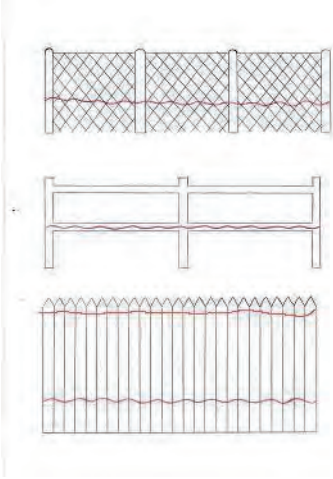
1. Break the ground with the edge of a spade to bury the wire.

2. Place the boundary wire around 2 inches (5cm) deep into the broken ground, using a blunt tool such as a wooden paint stick to prevent possible damage to the boundary wires insulation coating. Leave some slack to allow for possible expansion and contraction with temperature variations.

To Attach the Stayfence Boundary Wire to an Existing Fence

The boundary wire can be attached to a chain link fence or wooden fences. When attaching the wire to the fence, ensure that the boundary width is set at a high enough range for the pet to receive the signal. If using a double loop with an existing fence, run the boundary wire on top of the fence and return it on the bottom of the fence to obtain the required separation of 1 to 2 meters (3 to 6ft).

- **Chain Link Fence**: Weave boundary wire through the links or use plastic quick ties.
- **Wooden Split Rail or Privacy Fence:** Staples can be used to attach the boundary wire, nevertheless, be careful not to puncture the insulation of the boundary wire.
- **Double Loop with an Existing Fence:** Run the boundary wire on top of the fence and return it on the bottom of the fence to get the three to five foot separation needed.



- **Gate (Single Loop):** The boundary wire should be buried in the ground across the gate opening. ***Note: The signal is still active across the gate. Your pet cannot pass through an open gate.***

To Cross Hard Surfaces (driveways, sidewalks, etc.)

- **Concrete Driveway or sidewalk:** Use an expansion joint or create a groove using a circular saw and masonry blade to place the boundary wire in. When placed in the groove, the boundary wire should be covered with an appropriate waterproofing compound (silicone).

- **Gravel or Dirt Driveway:**

For protection, the boundary wire can be placed in a PVC pipe or water garden hose before burying.

Step 4: Prepare the Stayfence Receiver collar

Your Stayfence receiver collar comes with short contact points for very short haired pets and long contact points for pets with medium & long or thick hair pets.

Tighten the contact points one half turn beyond finger tight. Check the tightness periodically.

To Insert and Remove the Battery

The collar uses a simple 3 volt CR-2 battery. To purchase individual batteries please refer to our website. www.stayfence.com, or your point of purchase. To install the battery remove the circular silver cap using a coin. Insert the battery with the + (positive) side facing upwards towards the silver cap which the then screw back into position, as in picture below.

The estimated life expectancy of the battery is between 4 to 6 months.

Battery Check Tip:
Check the battery periodically to ensure the collar is working, if you need to change battery, purchase and use a 3 volt CR-2 battery.

Setting the static correction level

All StayFence recievers come preset to level one from our factory
We recommend you try level one first as it works with many dogs

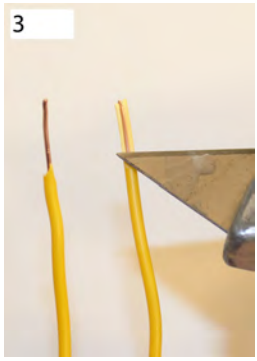
- With the battery installed in the receiver collar, use the magnet to verify
  the correction level. Hold the magnet to the white circle on the side of receiver and then remove it. It should beep once for level one.
- To increase or change levels on the receiver, of which they are three levels, simply hold the magnet to the white circle and keep it against the circle. The receiver will move through the three levels , one beep level one, two beeps level two, three beeps level three, then remove the magnet at the desired level.
- Remember to check the current level. **HOLD AND REMOVE MAGNET** and then count the beeps .
- See correction level chart on **page 12**

The Stayfence receiver collar is equipped to automatically increase the level of static correction the longer your pet remains in the static correction zone.

Indicator Beep	**Static Correction Level**	**Receiver Collar Function**	**Temperament of Pet**
1 Beep	1	Low Static Correction	Placid/calm/ timid
2 Beep	2	Medium Static Correction	Normal/Regular
3 Beep	3	High Static Correction	High Energy/ Stubborn
KEEP			
USEFUL			
NOTES			
HERE			

Step 5: Connecting the Stayfence Boundary Wire to the Stayfence transmitter.

1. Identify the large green 2 holed block connector. (Picture **1**)
2. Strip the ends of the boundary wire to expose the copper core.
3. Gently remove this block from the transmitter. (Picture **2**)
4. Insert one wire end into each hole and use a small flathead screwdriver to tighten the wire into the connector block. (Picture **3**)
5. Once that is done check that the wires cannot come back out. (Picture **4**)
6. Finally when done reinsert the connector block back into the original position in the transmitter. (Picture **5**)



Step 6: Set up the warning and correction zones on your transmitter:

Plug the transmitter in an electrical outlet and press the power button to POWER ON your transmitter, the LCD screen display will then be visible (Picture **A**) above.

Then press the ''P'' button (Picture **B**) above, and note the symbol in the top right corner of the LCD screen and make sure the symbol is directly over the letter 'M' on the screen (Picture **C**). This is the **warning zone** symbol. To move the symbol you may need to press "p" again.

Once you have selected the **warning zone** symbol use the down/up buttons to set the warning zone (Picture **D**) above. We recommend selecting a warning zone of 2.0m (6ft). You may choose different settings if you wish.

Well done you have reached the next step. The **warning zone** has been set, now set the **correction zone**.

Press the ‘’p’’ button (Picture **B**) again and note that the symbol in the top right corner of the LCD screen will now change from the warning zone symbol to the **correction zone** symbol, it will have the zig /zag line in it and will be above the letter M slightly to the right (Picture **E**).

Once you have selected the correction zone symbol use the down/up buttons to set the correction zone (Picture **D**).

We recommend selecting a correction zone of 1.5m (5ft).

You may choose different settings if you wish.

The two zones on your transmitter have now been set.

Step 7: Repairing and adding additional wire

To Splice or Repair the Stayfence Boundary Wire

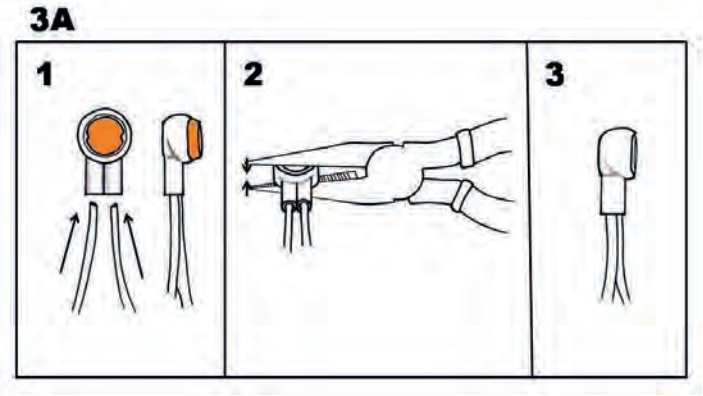
•When expanding or repairing the existing boundary wire, the wires have to be spliced together.

Note:Remember the locations of all splices for future reference.

•Insert the ends of the wire into the wire connector (**3A,1**).

•Use pliers to push down the round, RAISED part on the wire connector as far as possible (**3A, 2**).

•It is not necessary to expose copper core just insert both ends into connector.



Note: Pliers should be used to push down fully the RAISED part of the wire connectors to ensure that the wire insulation is pierced so the radio signal can run through the connector.

•Gel inside the connector is released which insulates it and makes it waterproof. Ensure that the splice is not loose as this will result in a failure of the system. The connector is suitable for underground and above ground use (For additional gel-filled wire connectors) please refer to our website. www.stayfence.com (or your point of purchase).

Step 8: To check that your Stayfence system is setup and working.

Our Stayfence containment systems use an AUTOTUNE technology. This new technology is exclusive to Stayfence products. It allows the Stayfence transmitter to automatically detect the length of wire used to surround your garden.

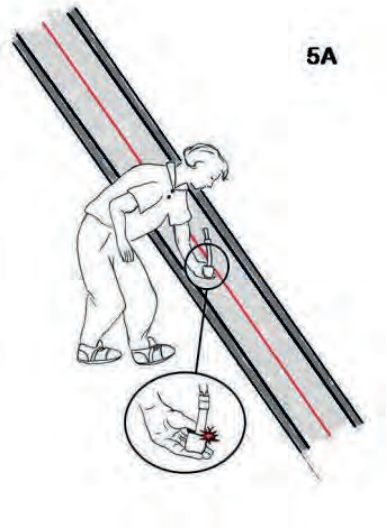
For the warning and correction zones: we would recommend setting your transmitter settings as follows. Set your warning distance zone to 2m (6ft) and your correction zone to 1.5m (5ft).

For the receiver collar: We would recommend setting your receiver to the lowest level (1 beep), as the collar has progressive correction levels, should your dog not react to the set level, the levels will increase automatically, once the dog retreats back into the safe zone the receiver collar will then revert back to the set level.

Note: Only use the Test Light to test your receiver collar.

And remember to remove the Test Light before putting the receiver collar back on your dog, as not doing so will cancel the correction when the receiver is put back on your dog.

Testing and installing boundary flags



The boundary flags gives your pet a visual boundary and is very important part of training. **Keep your pet indoors and don't let them be involved in installing the flags.**

- Place the test light onto to the contact points, holding the collar at the approximate height of your dogs neck.
- Walk in towards the boundary until the receiver collar beeps,**Note the Stayfence receiver is a sealed unit and might be hard to hear for humans this will not be the case for your dog**
- Place a boundary flag in the ground.
- Then quickly walk back/away from boundary move 12ft to 15ft along the boundary and repeat the process as seen in **pic 6A**

Please Note: Do not walk parallel to the boundary or stay to long in the correction zone or the collars safety setting will time out and collar will appear not to work (if this should happen take the receiver away from boundary area for 5 mins to allow it to reset).

Note: The Stayfence Receiver Collar is waterproof, which can make the beep hard to hear (not to worry your pet's hearing is 10 times better than ours).

Test Bulb & Magnet Storage Tip. When you are finished using the test bulb and magnet, why not attach them to one of the boundary wires at the base of your transmitter. This will help you to keep them at hand for the next time you will need them. (Picture A1, Page 17)

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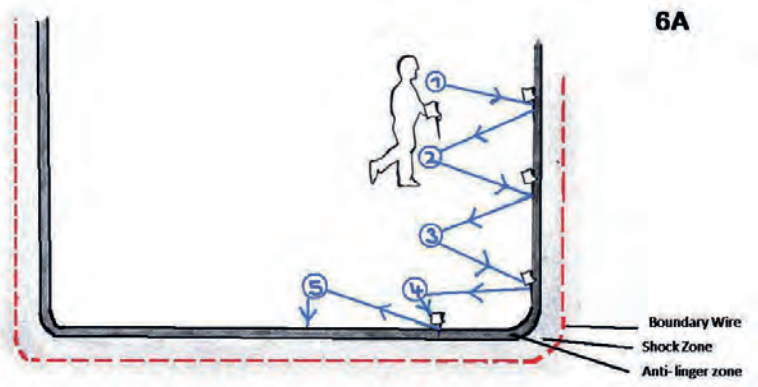

Step 9: Fit the Stayfence Receiver Collar

Important: The proper fit and placement of your Stayfence receiver collar is important for effective training. The contact points must have direct contact with your pet's skin on the underside of his neck.

To fit the collar correctly, place the receiver collar around your dog's neck **WITHOUT** the battery in it.

Note: It is sometimes necessary to trim the hair around the Contact Points to make sure that contact is consistent.

Check the tightness of the Stayfence receiver collar:

1. The aim is be able to get the top of your index finger between the tip of the contact point and your dog's neck with little difficulty, if you can't, it's too tight and if you can pass your finger over without any difficulty it's too loose.

2. Once satisfied with the fit of the receiver collar, trim any excess nylon strapping, sealing the cut edge with a small flame. Remember to check and adjust collar size every week if your pet is still growing and also allow for some breeds thick winter coat.

Training Your Pet

Step 1: By now you have already put up your boundary flags, if not this is one of the most important parts to training your pet. **Keep your pet away while installing the flags its important that he sees them for the first time when you ready to begin training**. The flags need to be about 10 to 15 ft apart. Use all the flags supplied. You can remove them in about one or two weeks.

Step 2: Attach your StayFence collar on your dog. While on a lead, take you dog outside. This should be the first time your dog has seen the boundary flags. He will be interested in these. Slowly walk your dog towards them and let him investigate the flags. Once you approach the flags your dog will hear the warning beep and then receive the static correction at this point when he reacts to the static correction, walk him back/away from the boundary, praise and pet him to reassure him everything is ok. Depending on the reaction you can repeat this in another location or take a 20min break, you will probably find your pet will not want to approach the flags again and for some smart dogs they will never receive another correction (Its that simple) repeat this process a few times over the next few days, then allow your dog off leash but you must continue to stay within the boundary **Do Not Cross Boundary until your dog has accepted his boundary.**

If you have more than one pet train the individually.

Taking Your Pet Out of the Containment Area

Note: Do not start to teach your pet to walk out of the area for at least 2 weeks so as not to confuse.

1: If you require to take your pet out of the containment area within the first two weeks, it is advised to remove the Stayfence collar and take your pet outside the containment area in an automobile.

2: After a two week period, you can train your pet to leave the containment area on a leash with its owner. Remove the stay fence receiver and replace with a regular collar and leash. Walk your pet to a specific place in the boundary zone, such as a gateway. Remember, always leave the containment area in the same location. You may initially need to convince your pet that it is OK to leave the containment area. You may require treats. Your pet will associate that it is only OK to leave the area on a leash. You will find after the first few days this will become a routine for your pet.

Troubleshooting	
Stayfence Receiver Collar is not beeping or correcting.	• Check battery to make sure it is installed properly. • Check the Stayfence Transmitter is powered ON (Transmitter screen active). • If yes, you should next complete a 'Short Loop Test', see **page 25**.
The Stayfence Receiver Collar is beeping, but the pet is not responding to the Static Correction.	•Change to long contact points. •Test the Stayfence receiver collar with the test light walking toward the boundary wire. •If the test light flashes,Check **Step** 9 on **(Page 19).** •Check the correction level (**page 11**).
The Stayfence Receiver Collar has to be close to the boundary wire to activate.	• Replace battery. • Adjust upwards the warning zone distance. • If using a double loop, make sure boundary wires are separated 1 to 1.5m/ 3 to 5ft. •Check splices for possible corrosion or damage

The Stayfence Receiver Collar activates inside the house.	• Decrease the warning zone distance. • Make sure the Stayfence boundary wire is not running too close to the house. The signal can transmit through the walls of your house. In this case you may have to change your layout. • Make sure the Stayfence boundary wire is twisted from boundary to the fence transmitter.
I have an inconsistent signal.	• Make sure the Stayfence transmitter is at least 1m/3 feet from large metal objects or appliances. • Make sure all boundary wire turns are gradual. • Make sure the Stayfence boundary wire is not running parallel to and within 1.5m/ 5 feet of electrical wires, neighbouring containment systems,telephone wires, television or antenna cables. • Check splices for possible corrosion and check for damages in the wire insulation.
The Stayfence Transmitter is not powered ON. (Screen inactive)	• Check that the power adapter is plugged into the Stayfence transmitter. • Try plugging into another electrical outlet.

The Stayfence transmitter is powered ON and the alarm is sounding.	• Make sure both ends of the Stayfence boundary wire are plugged into the loop wire inputs of the Stayfence transmitter and that 12mm or 1/2 inch of the insulation is stripped so that the copper wire is exposed. • Perform the "Short Loop Test" **(page 25)** to determine if the Stayfence transmitter needs to be replaced or if the boundary wire is broken. • If the Stayfence transmitter is functioning properly, you have a break in your boundary wire. See the "Locating a Break in the Wire" **(page 26)** section in this guide.

Short Loop Test

The short loop test is a simple test to determine if each component (Stayfence Transmitter, Stayfence Receiver Collar and Stayfence Boundary Wire) is functioning properly.

1. Disconnect the Stayfence boundary wire from the transmitter.
2. Replace the boundary wire by connecting a short loop of wire approximately 20 to 30 feet (6 to 9m)
3. Spread the short loop out into a circle.
4. Set the warning zone to 2m(6ft) and the static correction level, to level 2 or above.
5. Connect the test light to the Stayfence receiver contact points and bring the receiver to the short loop, to check the opperation. If the system operates correctly, this confirms all components are working.
6. If the Stayfence receiver works with the short loop, this confirms any issues you are having is related to the boundary wire (see **page 26** to locate boundary wire issues).

Locating a Break in the Boundary Wire

The easiest way to locate a break in your boundary wire is to make a thorough visual inspection.

•Walk along your boundary wire and check the insulation of the wire. Once the insulation is damaged, water that enters may corrode the wire which may distort the signal.

•Check the tightness of wire when walking along. If it is loose at any place, there might be a break in the wire in that area.

•Check all the splices in the boundary wire for possible corrosion or damages.

•Burying the wire will protect it from damages. But, check your garden for any disturbances near the wire, such as digging or rodent burrowing.

Alternative Method Below:

1. Obtain a length of wire long enough to go from transmitter to a half way point in you boundary.
2. Remove one end of the boundary and connect the new piece to that connection. Bring the new piece to a half way point make a break (or open an existing joint) connect to one end of the now broken boundary. Check to see if wire break alarm has stopped, if not change to the other end of the broken boundary to find which half is damage.
3. It is advised to check both halves of your boundary wire because there is a possibility that there is more than one break in your wire. Once you have identified the half where the break is located, replace this section boundary wire. (you may also choose to repeat this process) to shorten the replacement length from 50% of the boundary to 25% and so on it is recommended when you decided which 50 % has the break to do another visual inspection .

Product Safety Information

The proper fit and placement of your Stayfence Receiver Collar is important for the comfort of your pet and its effective training.

(1) Never leave the Stayfence receiver collar on your pet for more than 12 consecutive hours.
(2) The contact points must be touching the skin. Therefore the collar should be tight on the neck but not over tight (**page 19**).
(3) You should examine your pet weekly for any signs of irritation.
(4) If any irritation is observed, discontinue the use of the Stayfence receiver collar for a few days, until any irritation has completely disappeared (pressure point irritation)
(5) If the condition persists, see your veterinarian.
(6) Your dog's neck and the probes must be washed weekly with a wash cloth and mild soap and then washed thoroughly.
(7)Check the fitting of the collar on a dog that's still growing, you need to adjust the collar as much as two times a week.
(8) The system should only be used on healthy pets, 6 months and older. Contact your local veterinarian if you have concerns about the medical condition of your pet.
(9) The Stayfence system is not for vicious or aggressive pets. If your pet may pose a threat to others, **DO NOT USE THIS SYSTEM**. Consult a certified trainer.
(10) The Stayfence system is for residential use only.
(11) The static correction is harmless for your pet and is meant to startle, not to punish.
(12) Test the Stayfence receiver at least once a month to verify that it is functioning properly, at the boundary wire. Battery life depends on how often the Stayfence receiver collar is activated by your pet.
(13) Remove the Stayfence receiver collar from your pet when indoors, for the comfort of your pet.

Replacement Parts Available

(1) CR-2 Battery (for receivers)

(2) Nylon Collar Straps

(3) Contact Points - short and long

(4) Transformer Plugs

(5) Additional Boundary Wire (bundles of 50)

(6) Wire Connectors (5 per pack)

(7) Stayfence Transmitter

(8) Stayfence Receivers

(9) Gel Connectors

To purchase any replacement parts please refer to our website.
www.stayfence.com