

PET FENCE PROS™

THE PET FENCE EXPERTS

PET FENCE SYSTEM WIRE REPAIR INSTRUCTIONS



WARNING!

- ★ **UNPLUG YOUR TRANSMITTER BEFORE BEGINNING WORK.**
- ★ **DO NOT ATTEMPT TO PERFORM ANY WIRE REPAIRS DURING INCLEMENT WEATHER WITH LIGHTNING OR WHEN THERE IS ANY THREAT OF LIGHTNING. IF A LIGHTNING STRIKE OCCURS WHILE YOU ARE HANDLING THE ANTENNA WIRE, YOU COULD BE SERIOUSLY INJURED OR KILLED.**

**READ THESE INSTRUCTIONS THOROUGHLY
BEFORE STARTING THE REPAIR JOB**

What You'll Need:

1. A flat spade or shovel
2. Wire strippers / cutters
3. Pliers
4. A blunted screwdriver or similar tool
5. A clean, dry cloth
6. Sod staples, cable clamps, staple gun, etc., as needed
(Optional)

STEP ONE: LOCATE AND DIG UP BOTH ENDS OF THE WIRE BREAK

It is worth a walk around the perimeter to see if you notice any disturbance in the ground where the wire may have been cut. Any phone, internet, or cable burial trenches; landscaping or sprinkler system repairs, etc., are likely areas to search. Edges of driveways, sidewalks, or flower beds (any place lawn edgers are used) are also likely areas. If your lawn has been aerated causing the break, or you can't find the damaged area, you will probably need to contact a pet fence professional in order to locate the breach. [Click here](#) to go online for professional service.

Dig up at least 12" of wire on each side of the breach (or as much as possible) and examine the wire jacket for nicks or cuts. Cut off any part of the wire where the jacket has been damaged, as it will no longer prevent the copper wire from corroding in those areas. (See [Figure 1](#).)

FIG. 1



STEP TWO: PREPARE WIRE AND STRIP ENDS

Wipe the last two or three inches of wire on each side clean with a dry cloth. Next, using wire strippers, strip the ends of each wire, exposing about $\frac{3}{4}$ " of copper wire. Roughly measure the distance between the two bared ends. Now, get the new wire and cut a piece approximately 12" longer than the prior measurement. Strip each end of the new piece as before. (See [Figure 2.](#))

FIG. 2



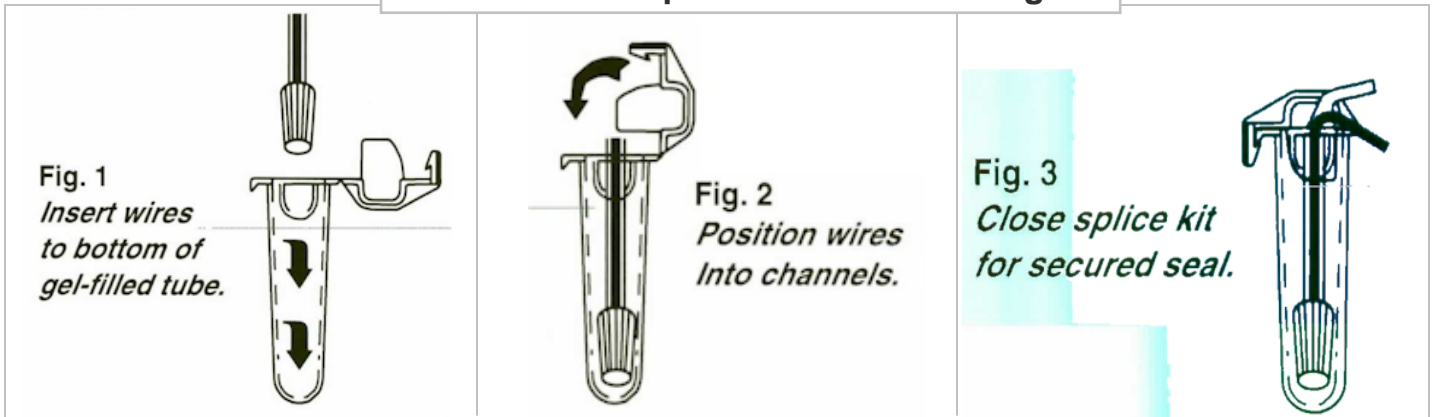
STEP THREE: CONNECT NEW SECTION AND APPLY SPLICE KITS

Twist the bared ends of the broken wires to the bared ends of the repair piece. Fasten the copper ends together securely using pliers. Once the ends are securely attached, tie a knot in the combined ends. (See [Figure 3.](#)) This will keep any stress on the wire from pulling the splice apart. Now apply a DBY Splice Kit to each combined end according to the SureSplice diagram.

FIG. 3



NorthStar SureSplice™ Instruction Diagram



STEP FOUR: BURY OR SECURE REPAIRED SECTION

If you're going to re-bury the wire, cut a trench about 4-6 inches deep the entire length of the section to be buried. Using an implement like a blunted screwdriver, push the wire into the trench (be careful not to nick the wire's insulation), then step on the sides of the trench to secure the wire in the ground.

If you aren't going to bury the wire, it's best to secure it to the ground using sod staples. If the wire was attached to a fence or other structure, use cable clamps or staples to re-attach it properly. If using staples, be careful not to pierce the wire's insulation.

STEP FIVE: TEST SYSTEM FOR PROPER OPERATION

Plug the transmitter back in and make sure the transmitter indicates proper operation and a completed loop. If everything looks good, you should check to make sure that the system is functioning properly. Make sure you have a good battery in your receiver collar. Holding it by the nylon strap, take your receiver collar(s) to a point in your yard where you know it should activate. You should hold it at about knee-level, oriented as if your dog were wearing it and walking next to you. If the receiver activates properly, you're done!

(If not...email or call us for assistance and/or suggestions. We'll try to help.)



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