

Step-by-Step Guide to Locating and Repairing an Underground Dog Fence Break

Materials Needed

- Wire locator or fence tester
- Extra wire
- Wire connectors
- Shovel
- Electrical tape
- Wire cutters
- Underground Wire Locator, Cable Tester



Step-by-Step Guide

Step 1: Identify the Problem

Before you start digging, ensure that the problem is indeed a break in the wire. Check the transmitter and receiver for any issues. If your dog has started roaming freely despite the fence, and the Transmitter loop light is off, and or you here a beeping noise coming from your transmitter, you likely have a break

Step 2: Hook up the Wire locator Transmitter

A wire locator or fence tester is crucial for finding the break. Disconnect the 2 wires coming from your Fence Transmitter and clamp both wires to the red clamp on the break locator.

Ground The black wire coming from the break locator transmitter, by using a short piece of scrap wire, to ground it. TIP: You can connect the ground wire to the round ground plug of a standard Electrical Outlet.

Make sure the Volume is turned up on this device. This controls the noise coming out of your receiver piece.

Step 4: Use The Wire Locator Receiver to find your break

Turn on the wire break locator receiver, and start tracing the wire out to your perimeter, from the Transmitter, as you hover the Black sensor over the wire you should hear a beeping noise. Once you located the line coming out of your garage or basement. You should be able to follow the line, with the sound coming out of the receiver.

Continue around the perimeter of your fence till the noise or signal becomes weak. Be careful not to move too fast, as it is possible to skip over the break if you are moving too fast.

Step 5: Helpful tip to Locate the Exact Break

After you lose signal, or if signal become weak you should be within 3 feet of break. If necessary, Reverse course and go around the opposite direction till signal becomes weak. This should determine the exact break location

Step 6: Cut and Clean the Wire

Once you find the break, use wire cutters to cut out the damaged section of the wire. Clean the ends of the remaining wire to ensure a good connection.

Step 7: Connect the New Wire

Prepare a new piece of wire to replace the damaged section. Use wire connectors to join the new wire to the existing wire. Ensure the connectors are tightly secured to avoid future breaks.

Step 8: Water proof the Connection

Use the Gel caps to Waterproof your connection

Step 9: Test the Fence

Before you bury the wire again, test the fence to ensure the repair was successful. Reconnect the transmitter and receiver, and check for a continuous signal along the wire path.

Step 10: Bury the Wire

Once you have confirmed that the fence is functioning correctly, bury the wire back into the ground. Ensure the wire is securely covered and won't be easily disturbed.

Step 11: Monitor the Fence

After repairing and burying the wire, monitor the fence's performance over the next few days. Ensure that your dog remains within the boundary and that there are no interruptions in the signal.

Conclusion

Repairing an underground dog fence break can be a straightforward task with the right tools and steps. By following this guide, you can ensure that your pet remains safe and within the designated area. Regular maintenance and monitoring can prevent future breaks and keep your fence in optimal condition.

See video on how to splice Wire

<https://vimeo.com/659446018/2681b80d96?share=copy>

IF you have any Questions Please contact Your Dog Guard PRO 717-994-1670