Wire Break Finder

Use Instructions *for Robotic Lawn Mowers*

1. Please follow these instructions because you may find the instructions in the manual confusing.

2. Disconnect both ends of the perimeter wire from the charging base and/or LawnBott transmitter.

3. The cable tracker consists of two components, a transmitter that transmits a tone and a wireless receiver with speaker that receives the tone and plays the tone out of its speaker. The transmitter will be connected to one end of the perimeter wire. Leave the other end of the perimeter wire hanging in the air. You will walk along the wire pointing the receiver at the wire to have it pick up the tone.

   Notes: We do not expect the tracker to work on buried wire. Give it a try and let us know if it works! T**urn the volume up on the dial to the max** to make sure the tone is loudest. Set the switch to "tone" (not "cont"). Press the button to hear the tone.

4. **Connecting the clips:** Although it may be intuitive to connect each clip to each end of the wire, this is not correct. You must connect the red clip to one end of the wire and connect the black clip to ground, literally.

   The way to connect the black clip to ground is to stick a screwdriver, or other long pointy metal object, into the ground near the open ends of the perimeter wire. Use a screwdriver that is at least 8 inches or even one foot long to get a good ground connection.

5. **Finding the wire break: Get two fresh 9V batteries and install them in the transmitter and receiver.** Set the Transmitter switch to "Tone". Hold the receiver tip very close to the wire. ***Press the button.*** If everything is set up right, you will hear a tone on the receiver. You may have to adjust the volume button or hold the tip closer to the wire to pick up the tone.

   Walk along the wire, starting from the end the transmitter is connected to until the signal is no longer heard. If you stop hearing the signal, walk a little farther to make sure it is really not there any more.

   Now go back to the open ends of the wire and connect the clip to the other end of the perimeter wire. Walk in the opposite direction and see if you receive the signal the whole way, except for the spot you found before.

   Make sure you are following the wire in the direction you have the red clip connected. For example, if you connect the red clip to the wire that travels from the back of the base but you follow the wire out the front of the base, you will not hear the signal because the break is in between.

   Inspect the spot where the signal disappeared when you walked in each direction. This is where you will find the break.

   If you run into difficulties, you may find it helpful to splice in a temporary wire to shorten the length being tested at any one time. If you cannot hear the tone, review these instructions again; you may have overlooked something. Contact us if you are really stuck and we will give you advice.