



Instructions for Replacing PlexiDor® Electronic Pet Door Surface Antenna Wire

Tools Needed: Phillips head screw driver
 1/4" flat head screw driver
 5/16" nut driver
 Hair dryer

1. With the pet door in the closed position, unplug the power supply from the pet door.
2. Remove the motor cover.
3. Remove the top cover panel by unscrewing the one retaining cover screw just to the left of the motor. Then pull on the cover panel at the top until it flexes and pops out of the pet door frame.
4. Touch the metal pet door frame before going further to discharge any static electricity.
5. Cut the blue sleeve lengthwise that holds the antenna wire tube to the nylon guide strap.
6. Using the 1/4" flat head screw driver, unscrew the red and black antenna wires from the green circuit board.
7. Use the 5/16" nut driver to unscrew the nuts that secure the circular connector ends of the antenna wire to the surface of the antenna panel. Set the nuts aside for reassembly later.
8. Unscrew the Phillips head screw that secures the retaining bracket guide for the antenna wire and remove the faulty antenna wire.
9. Slip the antenna wire (which is jacketed by the white plastic 3 sided grommet) into the blue heat shrink sleeve provided. If your antenna wire is already in the blue sleeve, you can skip this step.
10. Now push the blue sleeve with the antenna wire over the plastic guide strap (zip strip) . Make sure to position the antenna wire so that it is behind the guide strap. See the photos attached.
11. Gently pull the antenna wire down and into position so that you can attach the round antenna wire connectors to the antenna panel. Use the nut driver to secure the antenna connectors in place. Try not to let the antenna wire pull out of the blue sleeve or disengage from the plastic guide strip while you do this.
12. Screw the retaining bracket guide back into place so that the antenna wire comes straight down from the connector. As shown in photo attached.

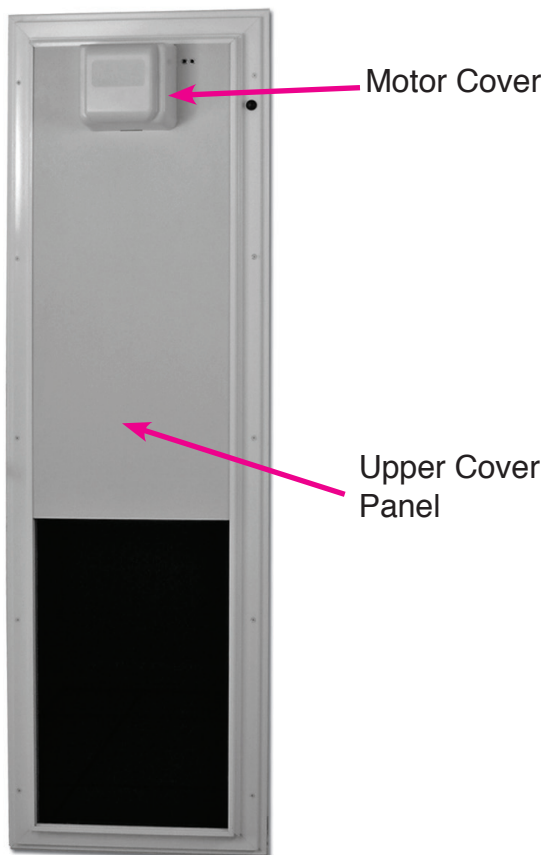
13. Now screw the 2 antenna wire ends back into the circuit board. As you position the antenna wire to do this, be sure that you allow enough slack so that the antenna wire makes a gentle “J” shape as it comes away from the connector. As shown in photo. If the bottom of the wire peeks out a little from under the cover panel that is okay.

14. Position the blue heat shrink sleeve as shown in the photo. Plug the pet door back in and then test the pet door with a collar key to be sure the antenna is now connected. If the door does not activate for the collar key go over the steps above again. Call Customer Service at 800-749-9609 Opt. 3 if you need help. Customer Service is available Mon. to Friday, 10am to 4pm eastern time.

15. **IMPORTANT:** Use a hair drier on high heat. Heat the blue tube that is around the antenna tube and the guide strap. This is a heat shrink tube. It will shrink around the 2 items and hold them together. If you don't heat the shrink tube it will slip out of place and your exposed wires can get damaged causing the door to malfunction or stop working.

16. Put the upper cover panel back in place.

17. Put the motor cover back on and plug the pet door back in. You should now be ready to use the pet door as usual.





Remove the Motor Cover



Unscrew Upper Panel Cover



Pull Upper Cover out of frame



Cut blue sleeve lengthwise.



Loosen the 2 antenna screws



Unscrew the nuts from the round antenna wire connectors using 5/16" nut driver.



Unscrew antenna wire bracket and remove old antenna wire.

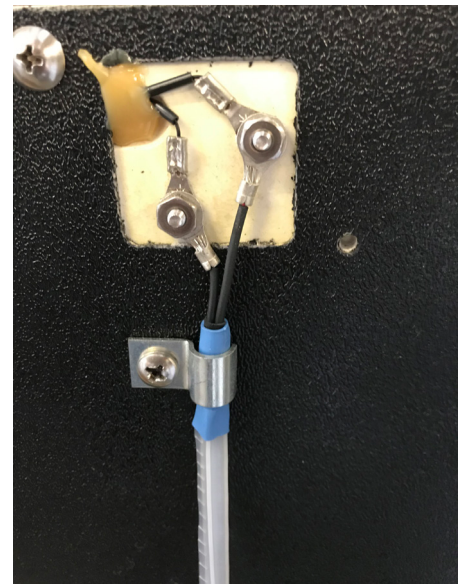


Slide new antenna wires into new blue wire sleeve.

Slide plastic guide strap into sleeve. Position the guide strap in front of the antenna wire tube. Antenna tube should face outside of house, guide strap should face inside of house.



Rescrew the nuts to secure the round antenna wire connectors using 5/16" nut driver and the antenna wire bracket. Do not use a lot of force or you will twist the ring connector.

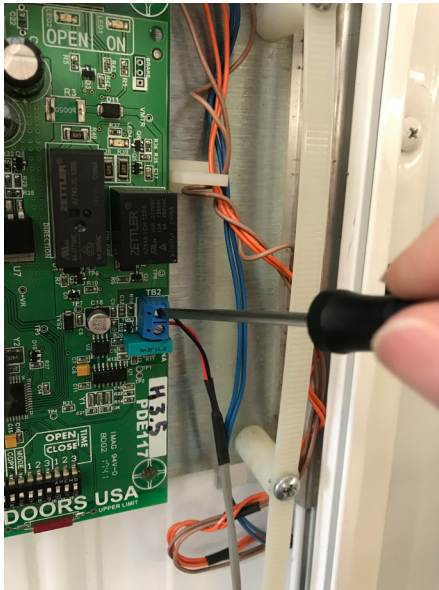


Make sure the antenna wire guide bracket is secure in a position that guides the antenna wire straight down from the connectors. As shown above.



To take up extra antenna wire length, Loop antenna wire up top and come back down to screw into the circuit board as shown to the left.

Photo above shows good “J” shape of antenna wire. Note that the top portion of the antenna wire is looped up and then comes down to be screwed into the circuit board. This is how you should place the antenna wire to take up slack. If the antenna wire is too long and loose, it will bind behind the frame when going up and down.



Screw the antenna wires back into the circuit board.



Use a hair dryer to shrink the blue tube into position securely.

Test the new antenna wires by plugging in the pet door and using a collar key to activate the pet door. If the pet door responds to the collar key test, you can put the cover panel and motor cover back on the pet door and resume use as usual. If the test doesn't work, review the steps above.

Call us in Customer Service at 800-749-9609 Opt. 3 Monday to Friday, 10am to 4pm eastern time for help.