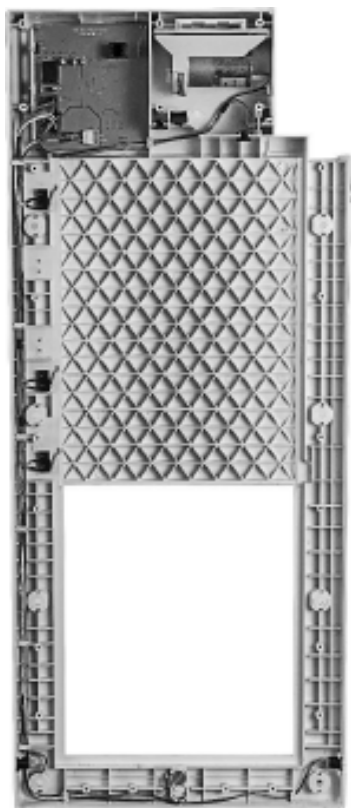# HIGH TECH PET ®
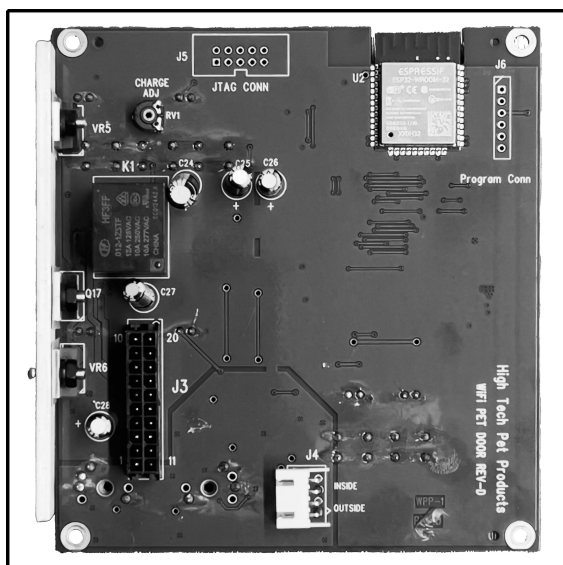
The Most Ingenious Pet Products On The Planet

Power Pet ®
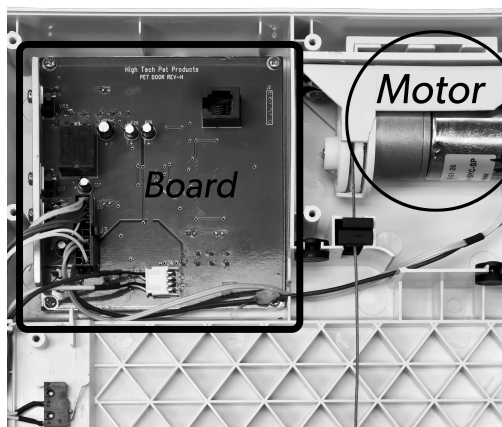
Main Circuit Board Replacement

For All PX-1 & PX-2 Models

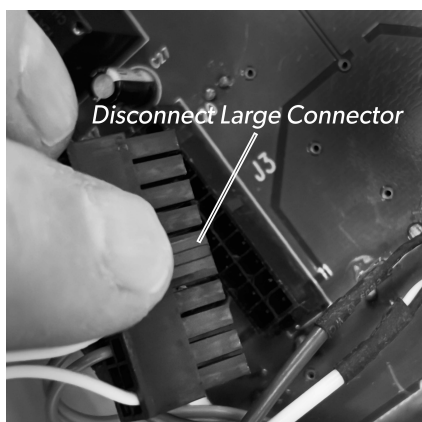PCB-PX & PCB-PX-WF

J5
CHARGE ADJ
RV1
JTAG CONN
VR5
ESPRESSIF
ESP32-WROOM-32
U2
J6
Program Conn
K1
C24
C25
C26
HF-3F
Q17
C27
VR6
J3
High Tech Pet Products
WIFI PET DOOR REV-D
C28
J4
INSIDE
OUTSIDE
WPP-1

Engineered in the U.S.A.

Motor

Board

3a.

Disconnect Large Connector

J3

C27

3b.

Disconnect Small Connector

J3

J4

INSIDE

OUTSIDE

3c.

High Tech Pet Products
PET DOOR REV-H

Screw

4a.

Remove 4 Screws

4b.
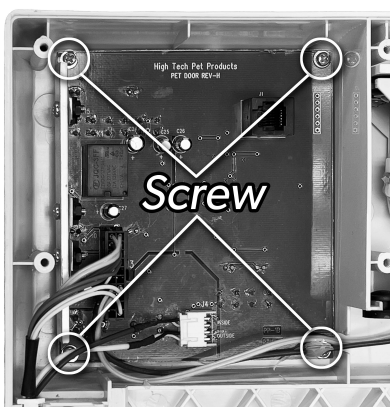
Pet Door Board Replacement Instructions

1) Remove door from wall and lay flat on carpeting or towels, with the inside of the door facing down.

2) Remove all the screws, keeping separate the six larger flat head screws located toward the top of the door. Separate and remove the backing frame from the door.

3) Locate the green circuit board at the top of the door. Using needle nose pliers, remove the two connectors from the board, taking care not pull on the wires themselves, and not to crush the connector body with too much clamp force. The large black connector has a plastic latch in the center of one side that has to be depressed as shown below while disconnecting.

4 Remove the four board mounting screws and lay them aside from the other screws in the frame.

5) Carefully lift the very top edge of the board top and pry off the hidden adjustment knobs allowing them to drop beneath the door. Then remove the board completely from the door.

   Note 1: There will be some resistance to lifting the edge of the board until the knobs are free.

   Note 2: Ensure all five plastic push buttons are still centered in their respective holes of the door panel.
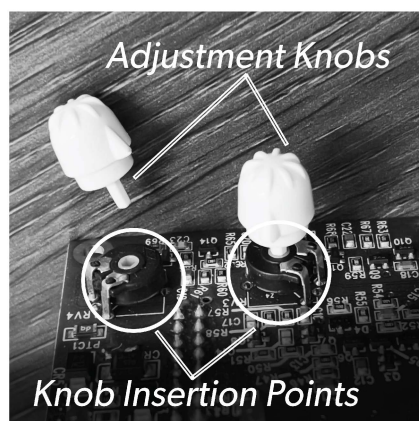
6) Carefully position the replacement board without disturbing the plastic push buttons and secure with two of the four screws.

   CAUTION: Do not over-tighten the four mounting screws. Slightly snug is all that is required.

7) Peek under the door to see that all the buttons are still in place and to collect the two adjustment knobs. Finish the rest of the screws, again making sure to tighten gently.

8) Attach the two connectors and ensure that none of the pins are pushed back out of the connector shell during this process. If necessary use a small flat-head screwdriver to re-seat the pins in the shell.

Knobs Mounted

5a.

Adjustment Knobs

Knob Insertion Points

5b.

5c.

9) Re-attach the backing frame to the door, using all of the removed screws.

> **CAUTION:** Do not over-tighten the pan-head screws - moderately snug is sufficient.

10) Re-install the two adjustment knobs with the pointers properly oriented as follows.

> **A)** Turn the door over and look in the knob holes to locate the hexagon receptacle for the knob shafts.
>
> **B)** One at a time press the knob into its receptacle just enough to engage, and then gently turn the knob clockwise until it reaches its rotational limit.
>
> **C)** Remove the knob and re-insert it gently in the receptacle with the pointer of the knob now pointing to approximately the MAX setting. Then turn the knob fully counter-clocwise and confirm the pointer is approximately at the MIN setting. If not, repeat this step with slightly more insertion and rotation force.
>
> **D)** Finally, press on the knobs until they are fully seated. NOTE: It is recommended that you check the operation of the door prior to re-installing in the following manner.
>
> > **a)** Lean door against a wall, plug in the power supply, press the ON button and press the OPEN button, ensuring the door opens and closes normally.
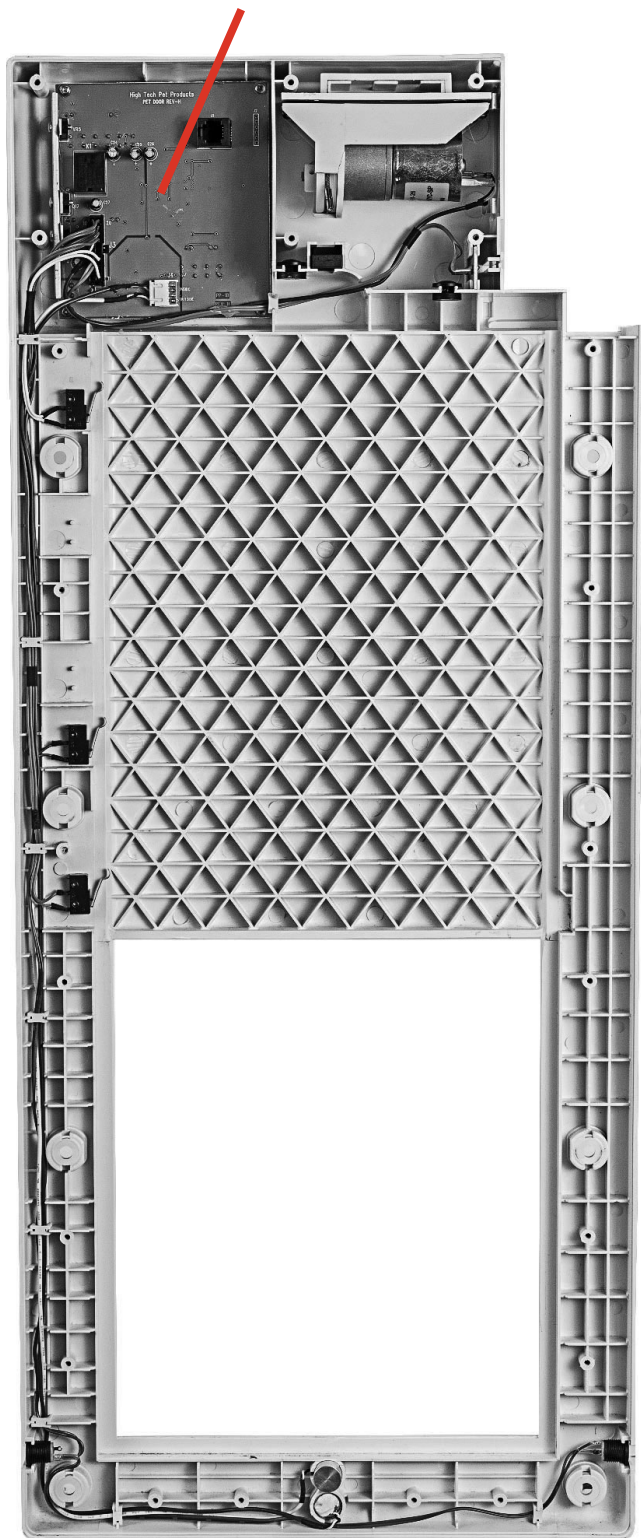> >
> > **b)** Enable only the inside sensor and using a working collar, insure the door opens from the inside.
> >
> > **c)** Enable only the outside sensor turn the door around and insure the door opens from the outside.
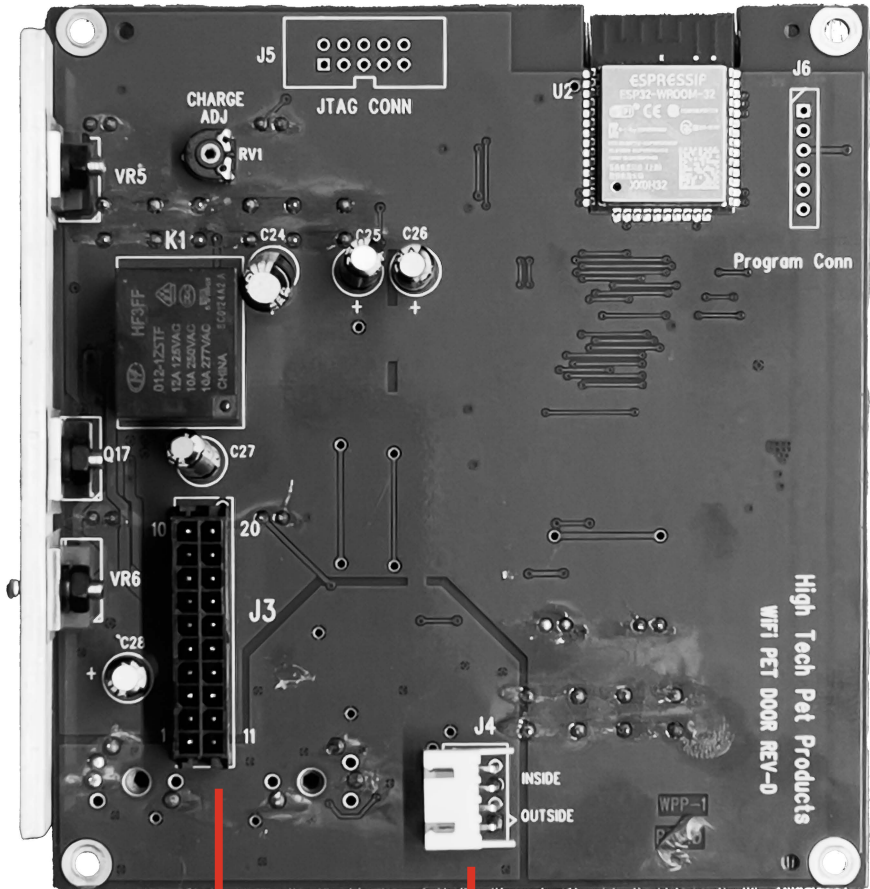
11) Re-install the working door.

NOTE: Recommended Range Knob Settings with the new board installed: start with the Inside and Outside Range Knob settings at the top center (middle) setting. From there adjust sensitivity to your environment as needed.

PX Circuit Board

PX Circuit Board

PCB-PX & PCB-PX-WF

Large Connector

Small Connector

Caution: As with any pet door, supervision of your pet is advised. Failure to do so could result in harm to your pet. Please be sure to provide water and shade outside in the rare event that the electronic door fails to open.

We're here to help!

1-800-255-1279

www.hightechpet.com

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