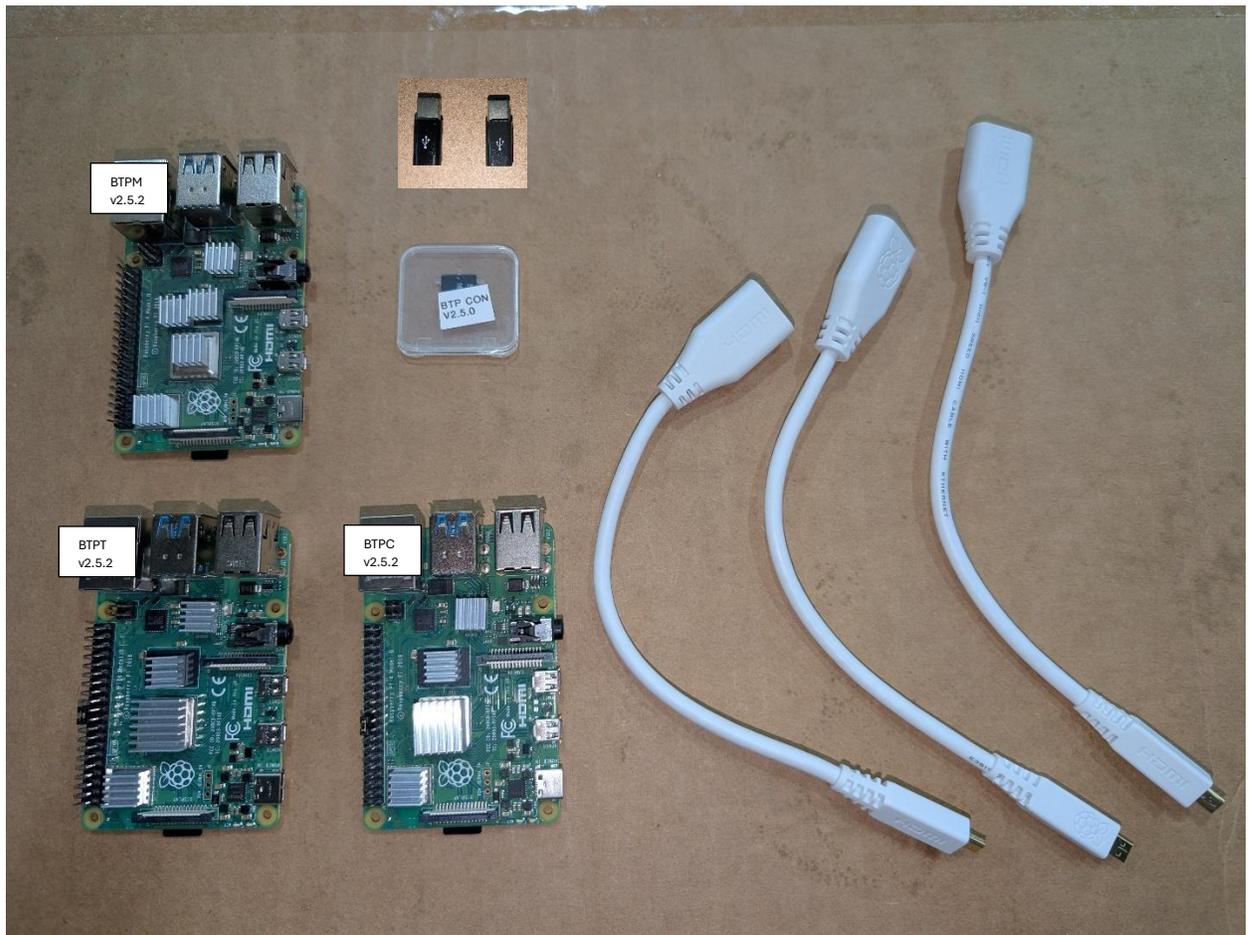# Pi 4 Upgrade Kit Instructions <small>12/16/2024</small>

Supplies:

- Three Raspberry Pi 4
- Three HDMI Adapters
- Two Micro USB to USB-C Adapters
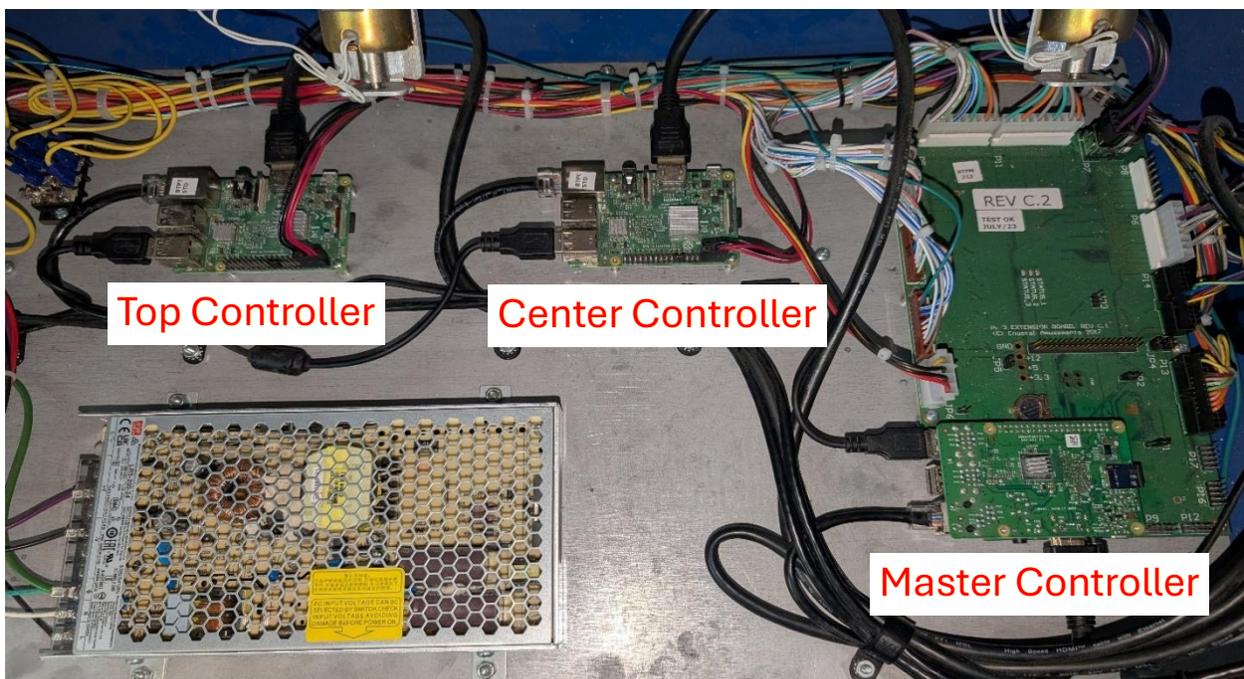- One Micro SD Card

Step 1:
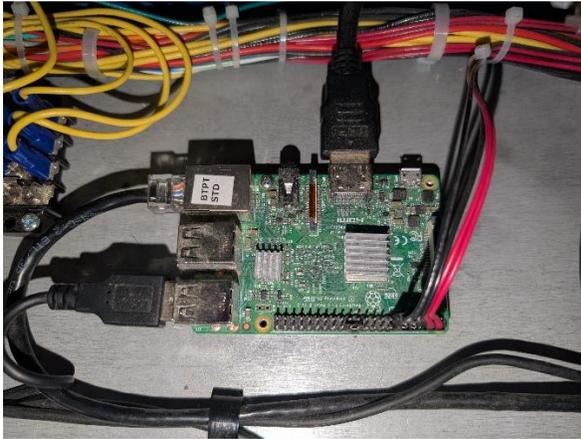
- Remove cover from the back of the cabinet

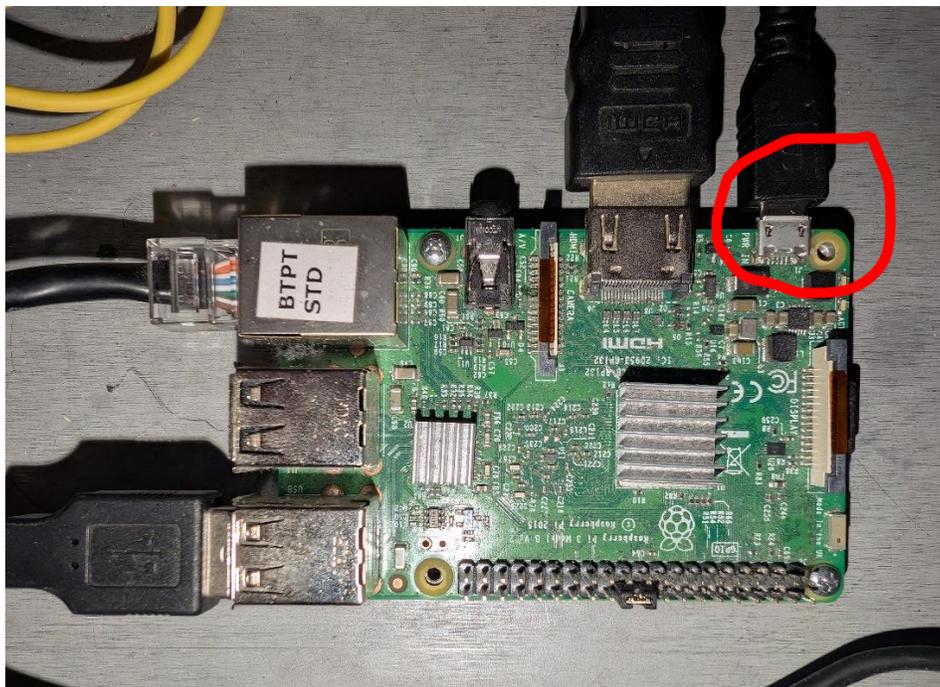- Below is a picture of the area where you will be working

Top Controller

Center Controller

Master Controller

- Remove wiring from the Top Controller Pi located on the left side.
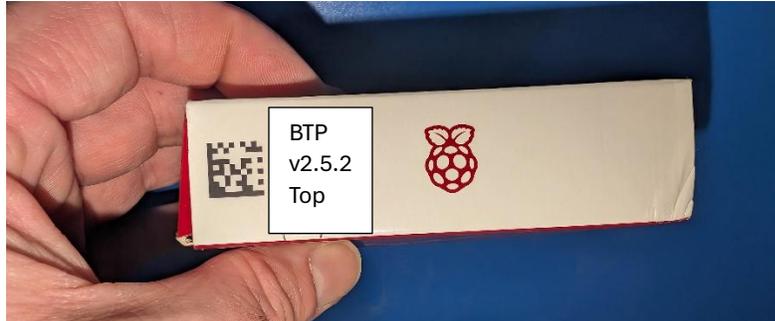- Remove screws from the Pi and remove the Pi

Note:

- You may have an older version of BTP that supplies power to the Pi via Micro USB instead of through the GPIO pins
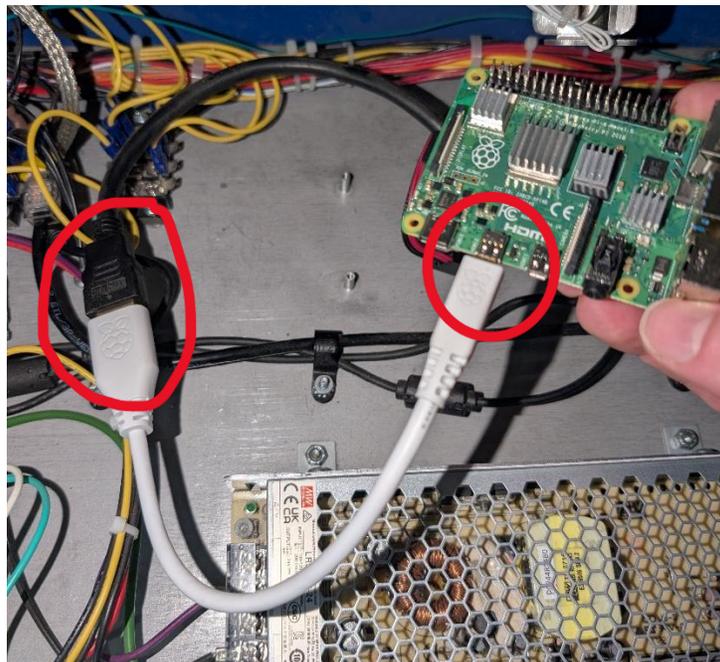- If so, you will need to remove the Micro USB from the Pi

- Locate the Pi 4 labeled "BTP v2.5.2 Top"

- Take the Pi 4 out of the box
- Attach the HDMI adapter to the Pi
- Attach other end of the HDMI adapter to the HDMI cord

- Screw the Pi 4 onto the plate
- Attach the wiring

Note:

- You may have an older version of BTP that supplies power to the Pi via Micro USB instead of through the GPIO pins
- If so, you will need to attach the Micro USB to USB-C adapter onto your Micro USB cord

MICRO USB CORD

MICRO USB CORD WITH ADAPTER

- Then attach Micro USB with Micro USB to USB-C adapter to Pi

Step 6:

- Remove wiring from the Center Controller Pi located in the middle
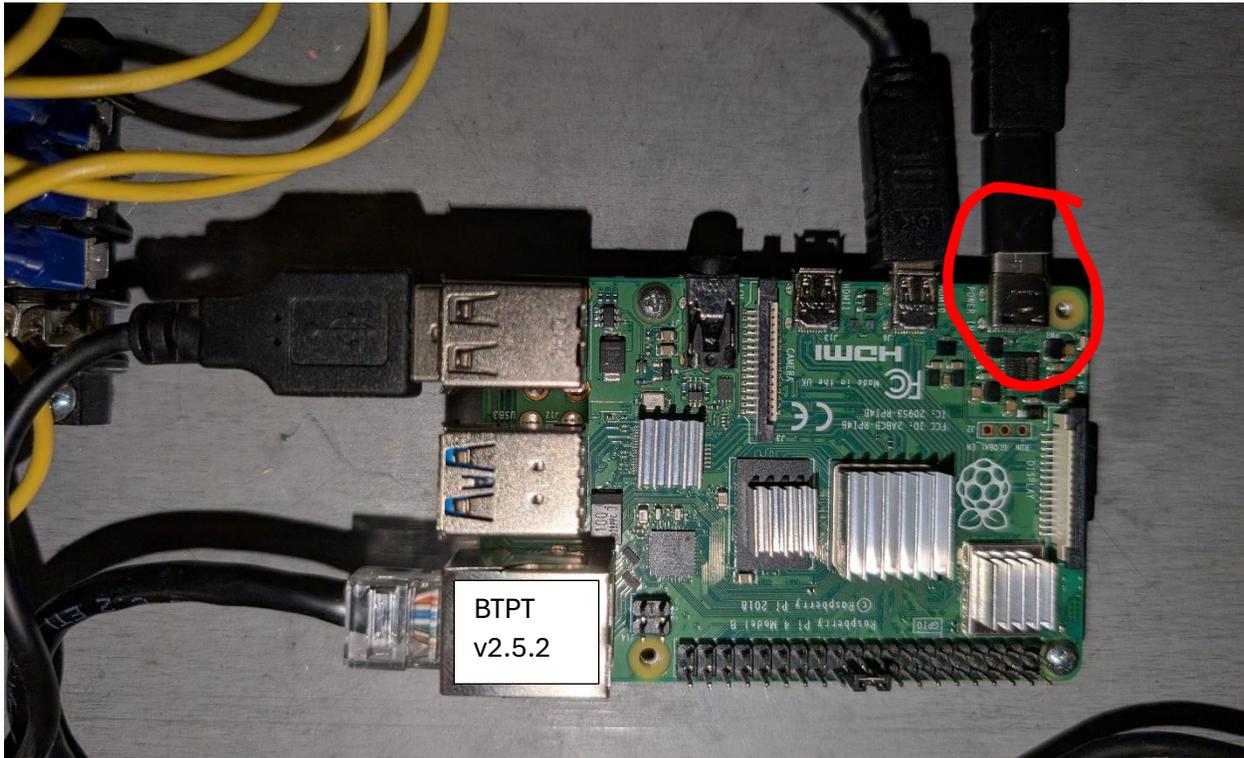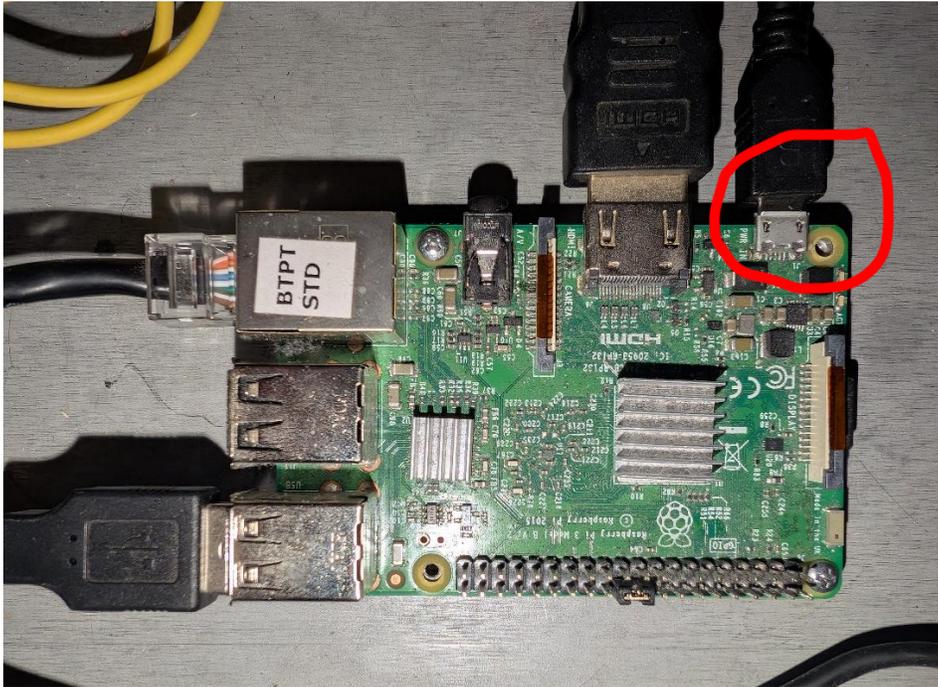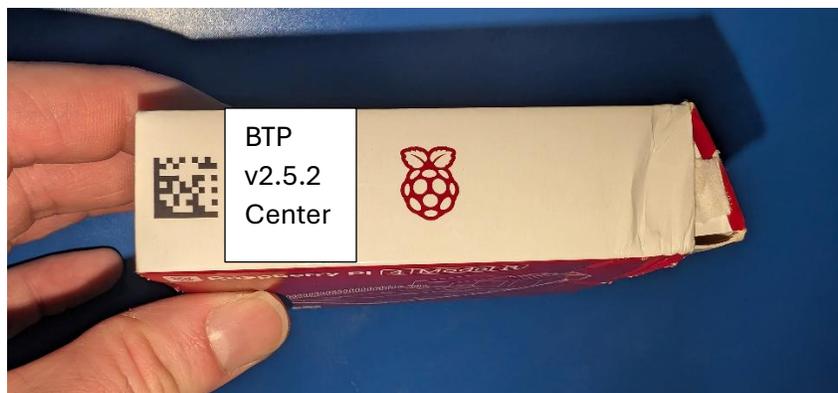- Remove screws from the Pi and remove the Pi

- You may have an older version of BTP that supplies power to the Pi via Micro USB instead of through the GPIO pins
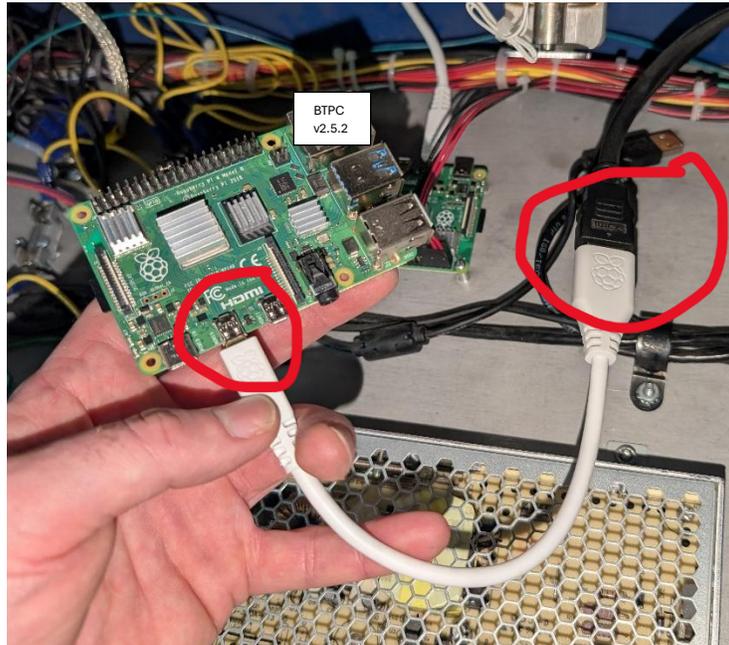- If so, you will need to remove the Micro USB from the Pi

Step 7:
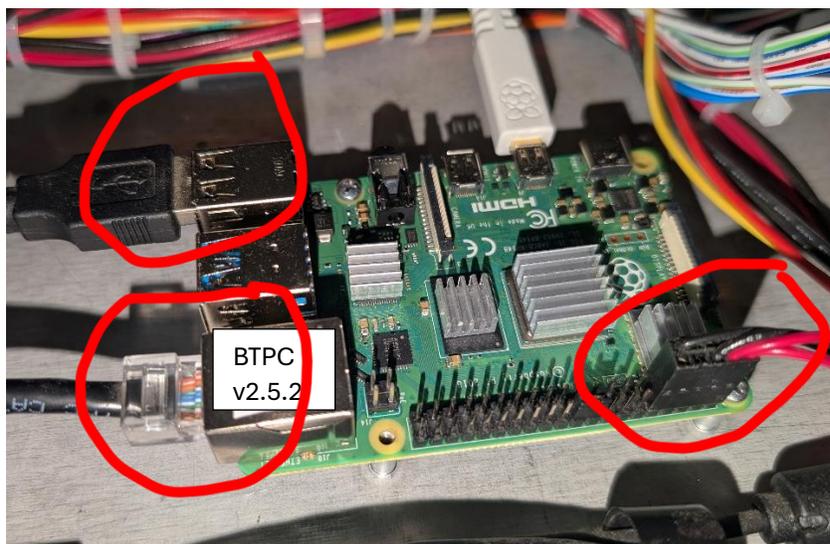
- Locate the Pi 4 labeld "BTP v2.5.2 Center"

Step 8:

- Take the Pi 4 out of the box
- Attach the HDMI adapter to the Pi
- Attach other end of the HDMI adapter to the HDMI cord

Step 9:
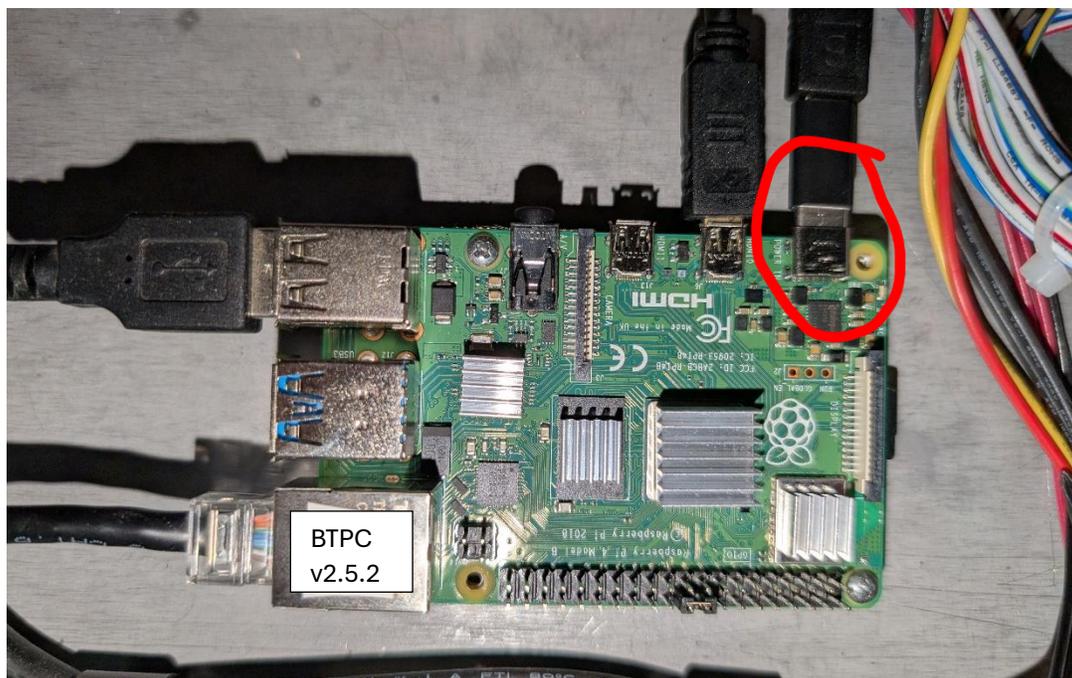
- Screw the Pi 4 onto the plate
- Attach the wiring

Note:

- You may have an older version of BTP that supplies power to the Pi via Micro USB instead of through the GPIO pins
- If so, you will need to attach the Micro USB to USB-C adapter onto your Micro USB cord

MICRO USB CORD

MICRO USB CORD WITH ADAPTER

- Then attach Micro USB with Micro USB to USB-C adapter to Pi

BTPC v2.5.2

- Remove wiring from Master Controller Pi located to the right attached to the IO board

- Remove screws from the Pi
- Remove Pi (Wiggle gently when removing the Pi to prevent damage to pins)
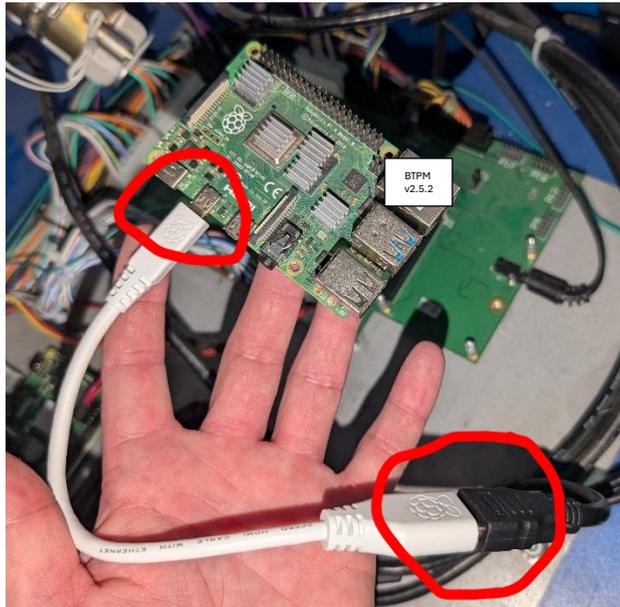
Step 11:

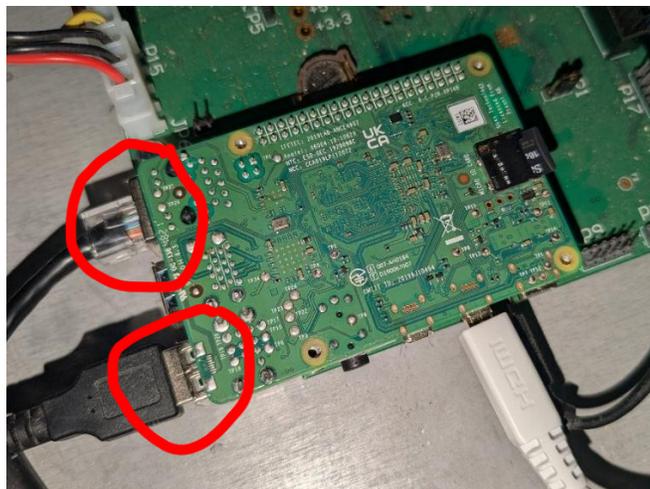- Locate the Pi 4 labelled "BTP v2.5.2 Master"

Step 12:

- Take the Pi 4 out of the box
- Attach the HDMI adapter to the Pi
- Attach other end of the HDMI adapter to the HDMI cord

Step 13:

- Attach the Pi 4 to the IO board carfully lining up the pins (you should be able to see directly down into the screw holes) and screw it to IO board
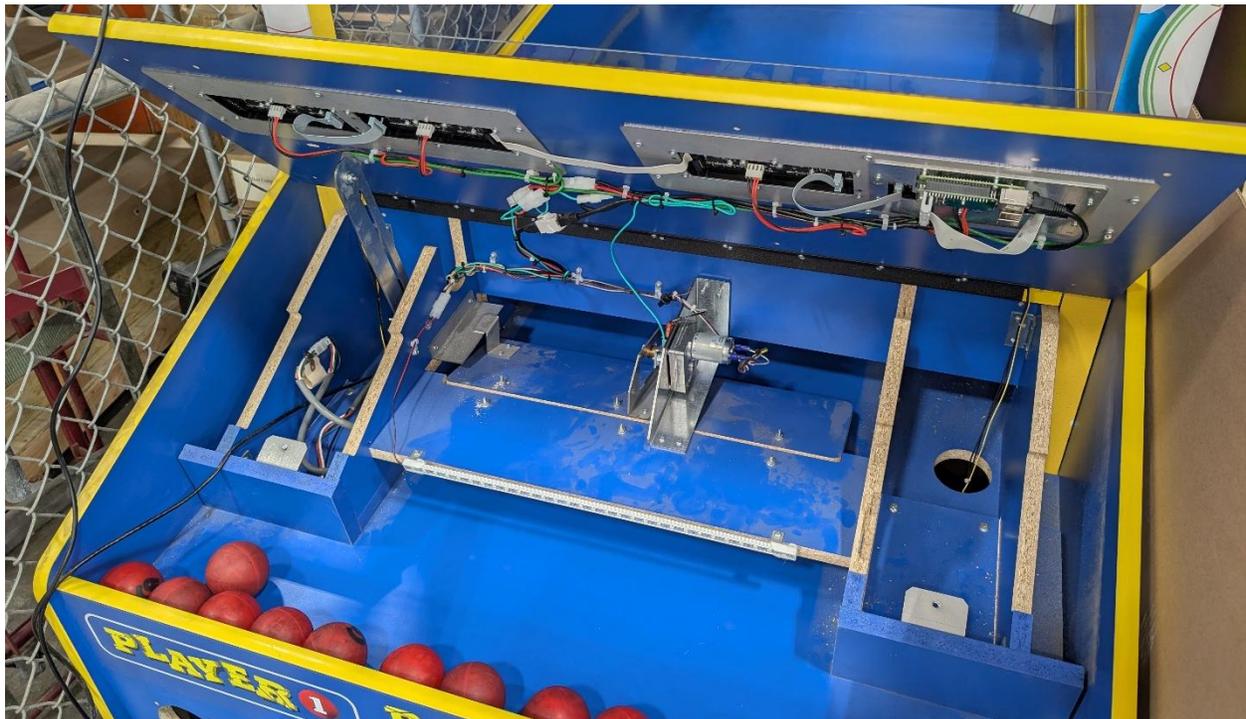- Attach the wiring

Step 14:

- Walk to the front of the game
- Open the Console

- Open Console pictured below

Step 15:

- Locate Console Pi attached to underside of Console on the right side

Step 16:

- Locate the Micro SD Card labled "BTP CON 2.5.0"

Step 17:

- Remove Micro SD Card from Console Pi

Step 18:

- Gently insert the new BTP Console Micro SD Card into the Pi (Do not force it in)

Step 19:

- Close the Console and the back of the cabinet
- The upgrade is now complete