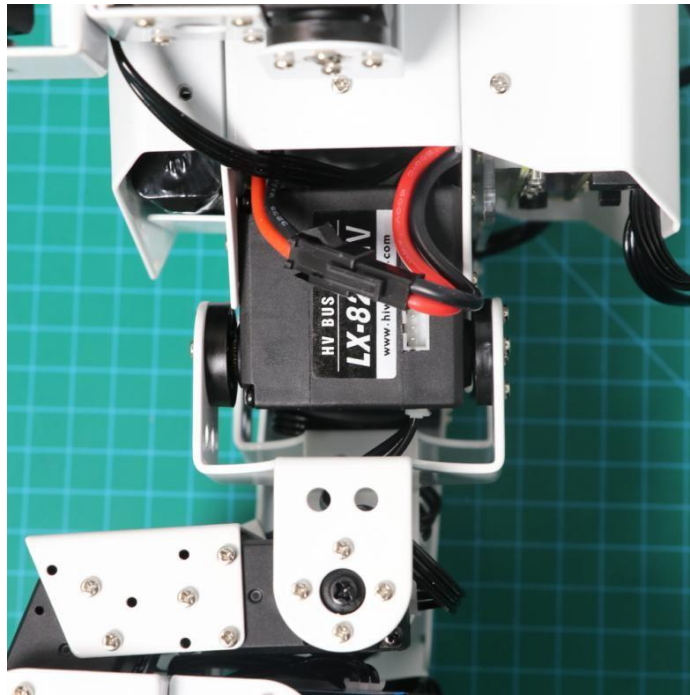# Lesson 2 Start TonyPi Pro

## 1. Charging Method

**Note:** Please check whether the paring wires are connected. The battery paring wire connection is red to red and black to black.



Step1: Wire the charger up to the hole of Raspberry Pi expansion board at the back of robot.



Step 2: The charger LED indicator will turn GREEN when the battery charger is connected to the battery without being plugged into an AC power outlet. When indicator turns green, it means robot is in charging (The duration of charging is about 3 hours). When the charger indicator turns green from red, it means charging has been completed. Please note that you need to disconnect the charger as soon as possible after charging!

## 2. Turn On TonyPi Pro

1) Switch on Raspberry Pi expansion board on the back. The LED1 and LED2 of the Raspberry Pi will be on firstly and then the LED2 will flash every 2 seconds, which means the robot is turned on successfully.

The Raspberry Pi is a small minicomputer itself. It usually takes about 1 minute to boot up from the time it is Powered ON, which is normal and expected.

2) After powering up, Raspberry Pi will be in a AP hotspot mode and launch a Wi-Fi hotspot with a network named with the first letters "HW".



Now, let's go to the Folder "2. Quick User Experience" for more lessons.