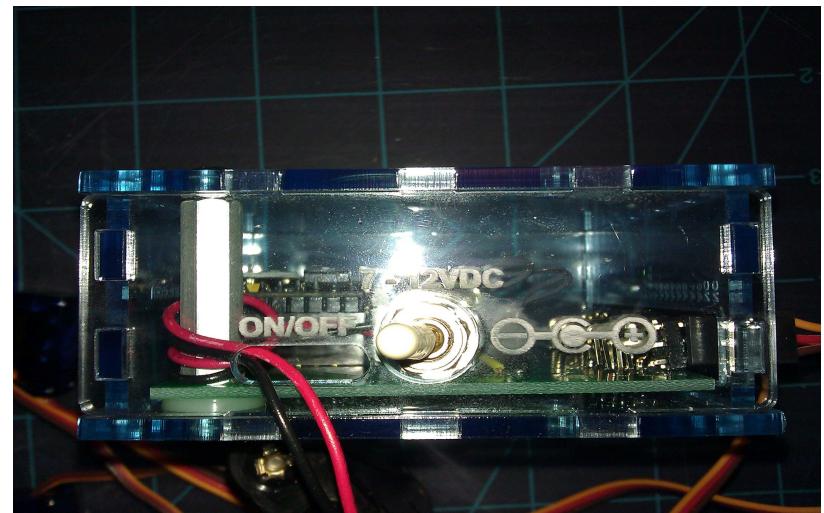
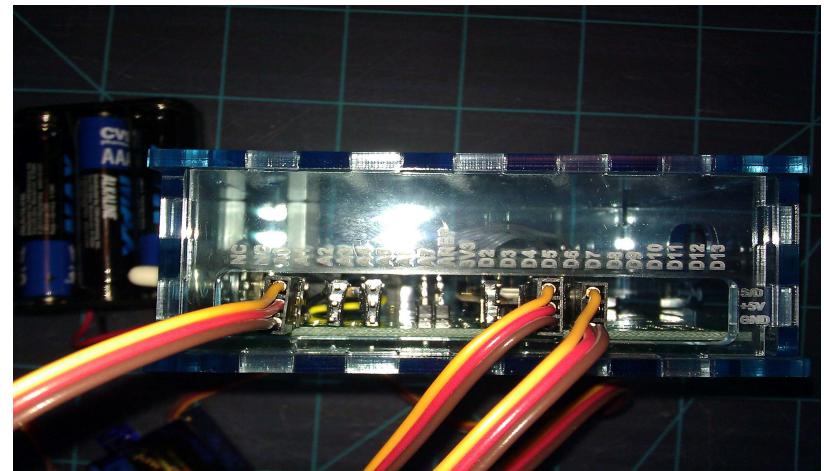


Zombietron Assembly Guide

Step 1 – Center Servos

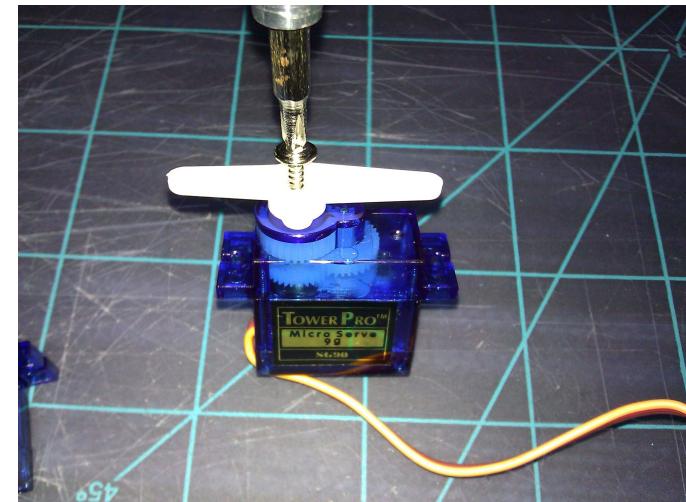
- a) Attach Servo motors to ports A0, D4 & D6 of the Robot Controller*
- b) Install batteries and turn on the Robot Controller
- c) After 10 seconds the servo will be set to center position

* Remember brown wire on servo is always on the bottom



Step 2 – Attach Servo Horns

a) Attach servo horns to servo motors along the long axis of the servo motor case using the servo screws

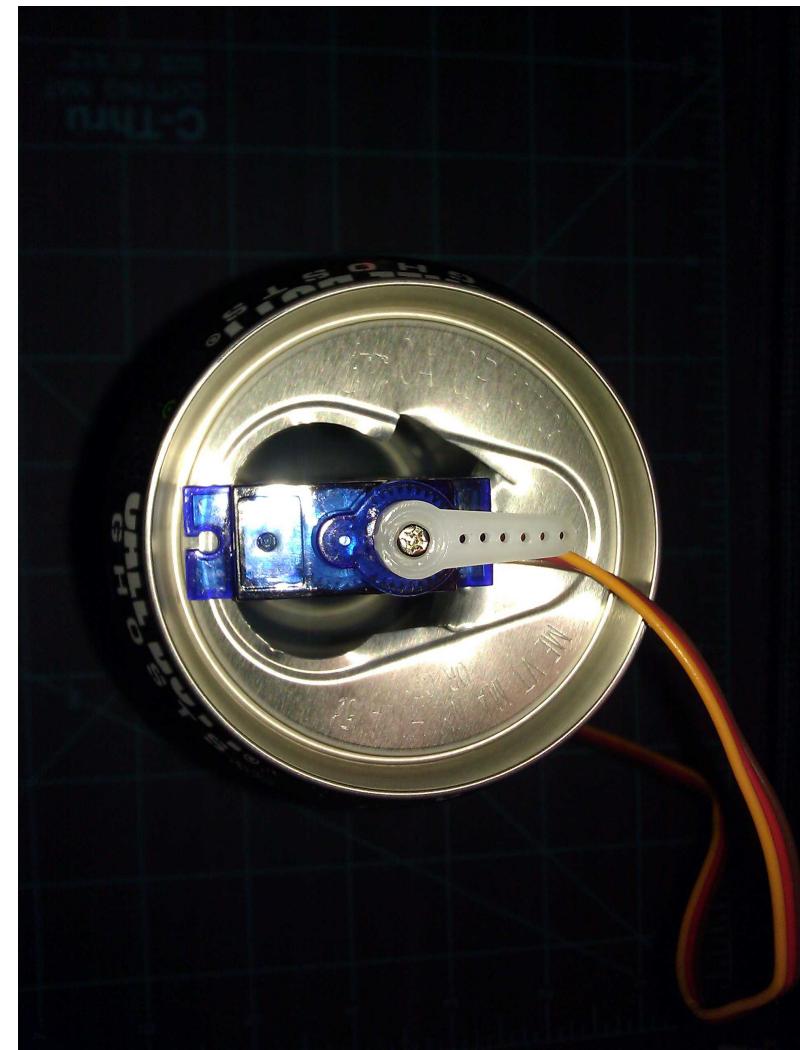


b) The servo horns are now attached in the center position



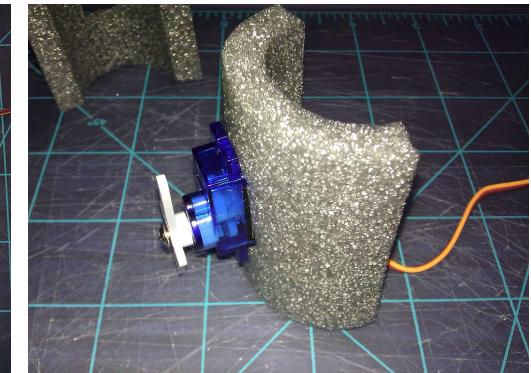
Step 3 – Attach Head Servo to Can

- a) Turn off robot controller and disconnect servos from port connections
- b) Insert head servo motor in the opening on the top of the can

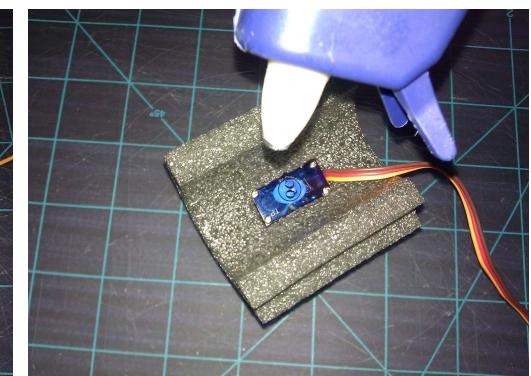


Step 4 – Attach Left Arm Servo to Can

a) Insert left arm servo into slot on first foam piece with the motor axis at the bottom



b) Insert servo motor foam assembly from part a) into second foam piece



c) Apply hot melt glue to inside/concave surface of left arm foam assembly and attach to left side of can



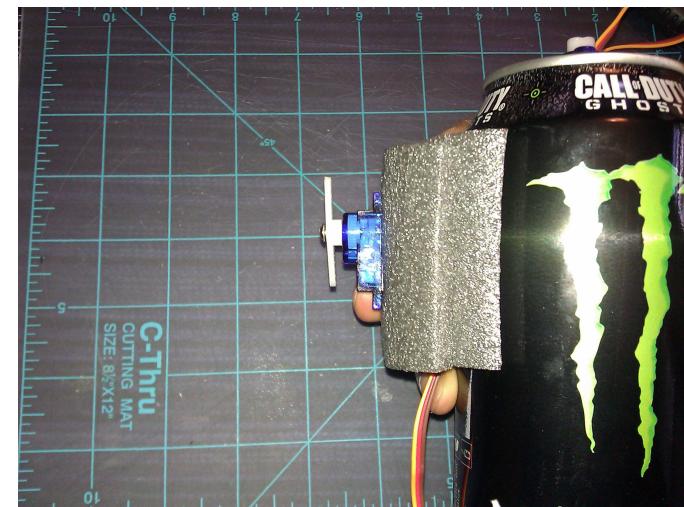
Step 5 – Attach Right Arm Servo to Can

a) Insert right arm servo into slot on first foam piece with the motor axis at the top



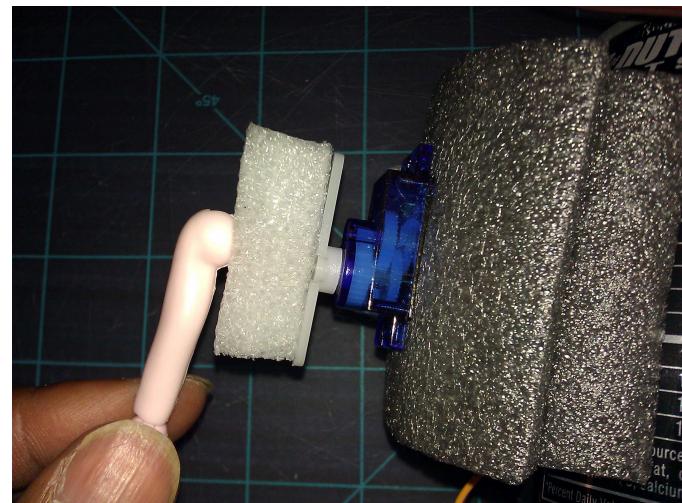
b) Insert servo motor foam assembly from part a) into second foam piece

c) Apply hot melt glue to inside/concave surface of right arm foam assembly and attach to right side of can



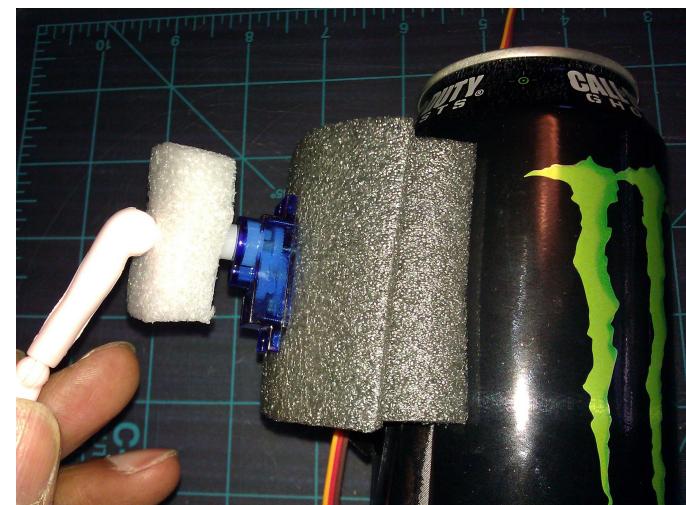
Step 6 – Attach Left Arm to Servo Horn

- a) Apply hot melt glue to the hole in left arm foam socket and attach left arm
- b) Apply hot melt glue to left arm servo horn and attach left arm



Step 7 – Attach Right Arm to Servo Horn

- a) Apply hot melt glue to the hole in right arm foam socket and attach right arm
- b) Apply hot melt glue to right arm servo horn and attach right arm



Step 7 – Attach Head to Servo Horn

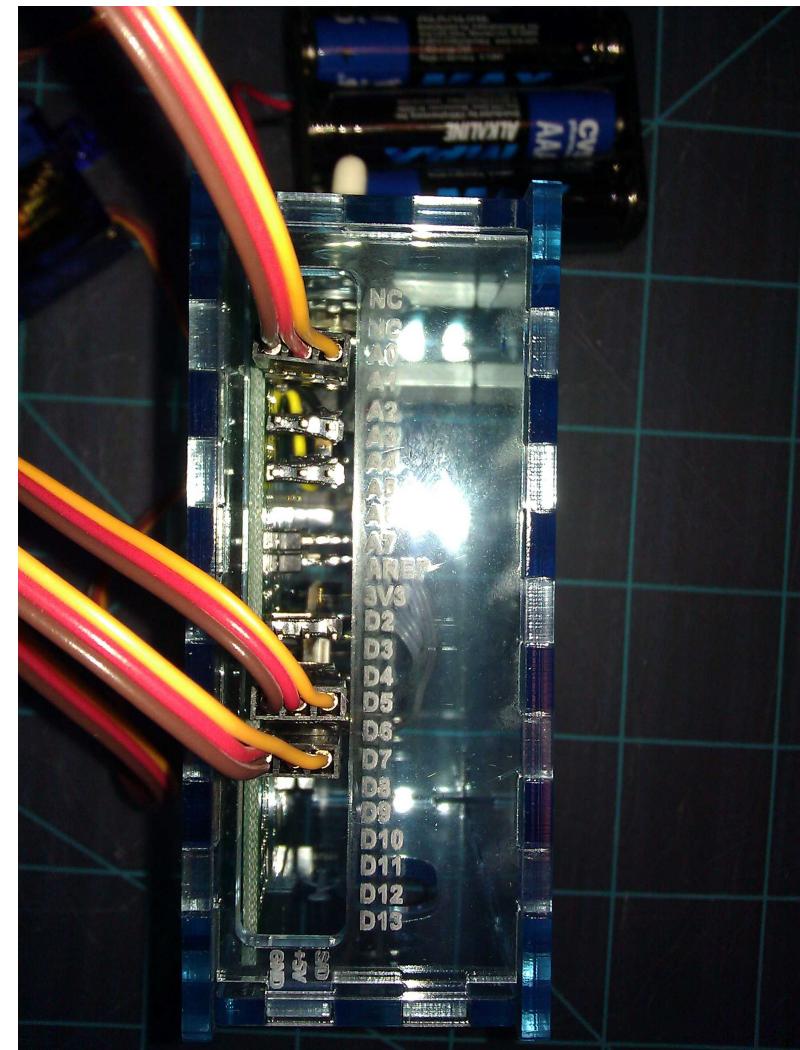
- a) Apply hot melt glue to the head foam socket and attach head to foam
- b) Apply hot melt glue to head servo horn and attach head assembly



Step 8 – Reconnect Servo motors to Robot Controller

- a) Connect Head servo motor connection to D6 port*
- b) Connect Left Arm servo motor to D4 port*
- c) Connect Right Arm servo motor to A4 port*s

* Remember brown wire on servo is always on the bottom



Step 9 – Turn on Robot Controller and Download Zombietron App

- a) Download the Zombietron App:

https://play.google.com/store/apps/details?id=appinventor.ai_MauriceTedder.zombietronKP

- b) Turn on the robot controller switch

- c) Pair your Android Bluetooth device with the Robot Controller Module (device name is Bluetooth_V3)

- d) Start the App, connect to the Bluetooth device paired in part c) and begin to control the motors with the slider controls

