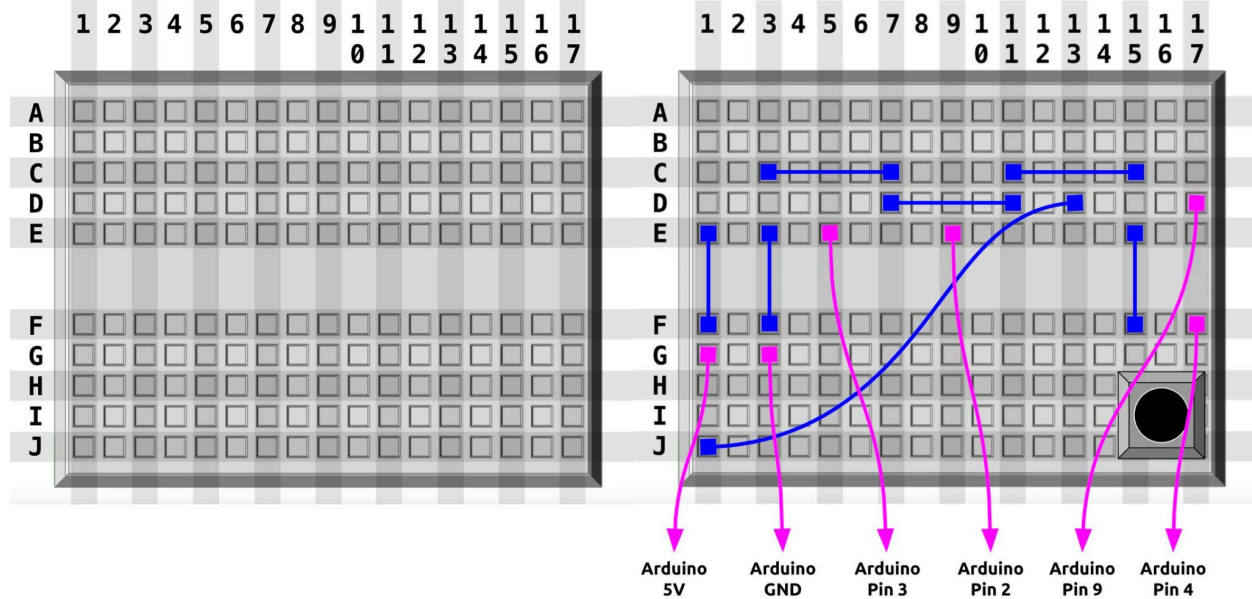




## Crowbox (3rd Generation) - Wiring Guide

Version 1.1 - April 23, 2025

Use this wiring guide in conjunction with the assembly videos



### Connections upon Breadboard

- C3 - C7
- D7 - D11
- C11 - C15
- E1 - F1
- E3 - F3
- E15 - F15
- J1 - D13

### Connections from Breadboard to Arduino

- G1 - Arduino 5V
- G3 - Arduino GND
- F17 - Arduino PIN4
- E5 - Arduino PIN3
- E9 - Arduino PIN2
- D17 - Arduino PIN9

### Button Installation

- Button installs to **bottom right** of breadboard, spanning column 15 to column 17

### Terminal Block Wiring

(Left to right)

- Power, VIN
- Power, GND
- Coin Sensor
- Coin Sensor
- Perch Sensor
- Perch Sensor
- Servo POWER
- Servo GND
- Servo SIGNAL