



Wiring Chart

Companion to CrowBox assembly videos- See Official CrowBox YouTube channel

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www.thecrowbox.com

Components Installed to Breadboard

Training Button	Straddle rows 7 to 9, align to far right breadboard edge
Terminal block	Insert at bottom right of breadboard

Breadboard/Arduino Wiring

GND Jumper*	Breadboard E-17	Breadboard F-17
5V Jumper**	Breadboard E-15	Breadboard F-15
Perch Rail	Breadboard F-1	UNO Pin 2
Perch Rail	Breadboard F-2	Breadboard D-17
Training	Breadboard F-7	UNO Pin 4
Training	Breadboard F-9	Breadboard G-17
UNO 5V**	Breadboard A-15	UNO '5V'
UNO GND*	Breadboard A-17	UNO 'GND'

* We suggest BROWN wire for this connection

** We suggest RED wire for this connection

Connections From Crowbox

Servo	BROWN - Breadboard B-17 RED - Breadboard B-15 ORANGE - UNO 9	*Be sure to use dupont wires that match servo wire colors. See video for details.
Coin Sensor	Either wire from sensor	UNO Pin 3
Coin Sensor	Either wire from sensor	UNO 'GND'
Perch	Pair from either limit switch	Column G1
Perch	Pair from either limit switch	Column H1