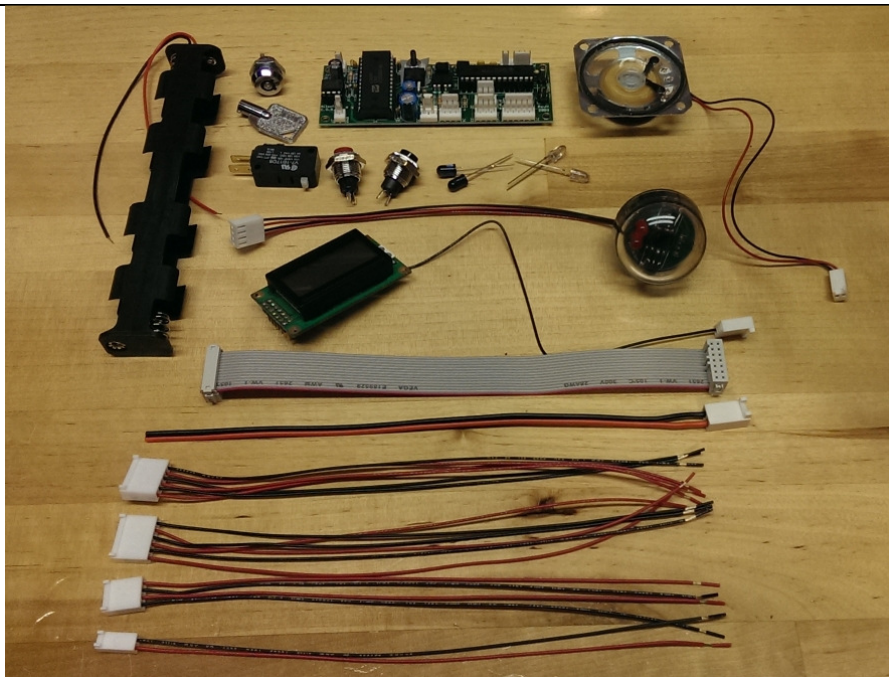


MilesTag CORE Laser Tag System

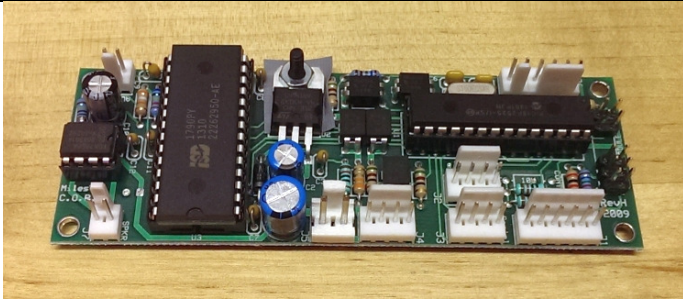
Wiring Reference for the CORE Bundle Starter Kit

This guide covers basic wiring of the components included in the MilesTag CORE Starter Kit (CORE Bundle). The kit includes the following components (subject to change):

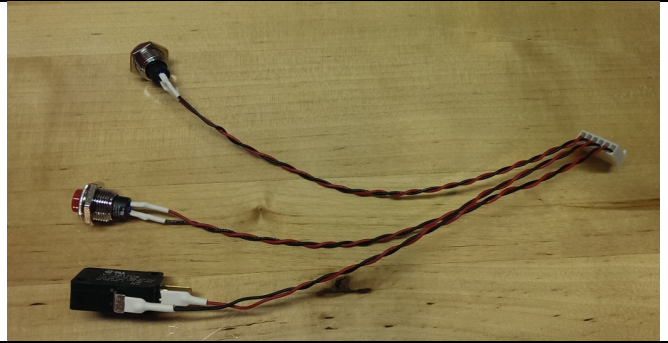
1 each: (CORE-MOD)	MilesTag CORE module, assembled and tested mainboard
1 each: (LCD-MOD)	LCD Display, pre-wired
1 each: (SEN-GUN)	Gun Sensor, pre-wired
1 each: (SPEAKER)	8-ohm mylar speaker, pre-wired
2 each: (TSAL6100)	LED, infrared, high-power
2 each: (MUZ-LED-Y)	LED, super-bright, yellow
1 each: (SW-PB-RED)	Momentary button, Red
1 each: (SW-PB-BLK)	Momentary button, Black
1 each: (SW-TRIGGER)	Microswitch, momentary
1 each: (SW-KEY-SPST)	Key-lock power switch
1 each: (BATT-6AA)	Battery holder, 6 x AA
1 each: (CAB-CORE-PWR)	Power cable
1 each: (CAB-CORE-LCD)	LCD Ribbon Cable
2 each: (CAB-6C)	Button / Aux cables, single-ended
1 each: (CAB-4C)	LED cable, single-ended
1 each: (CAB-2C)	Audio Input, single-ended



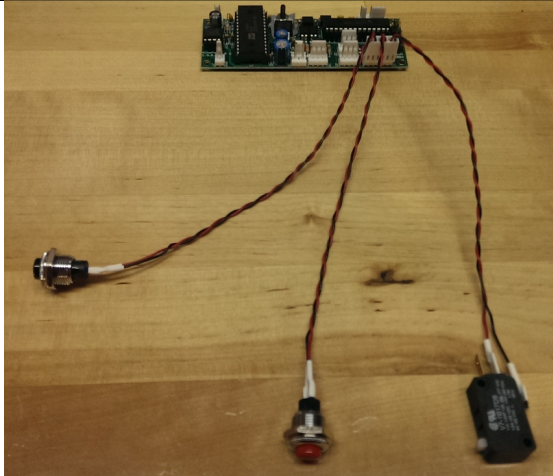
CORE Bundle Starter Kit



CORE-MOD



Install switches before soldering connections.



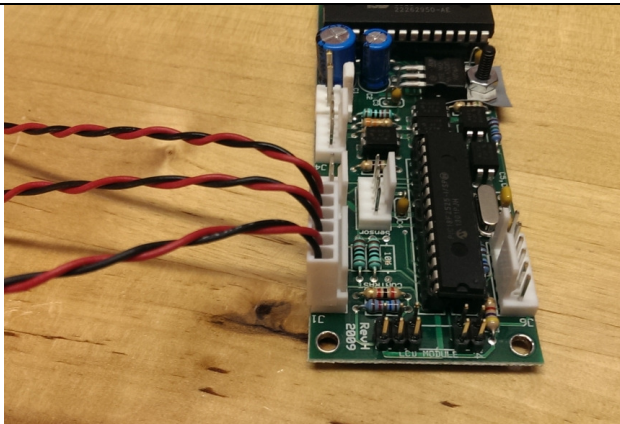
Mode

Reload

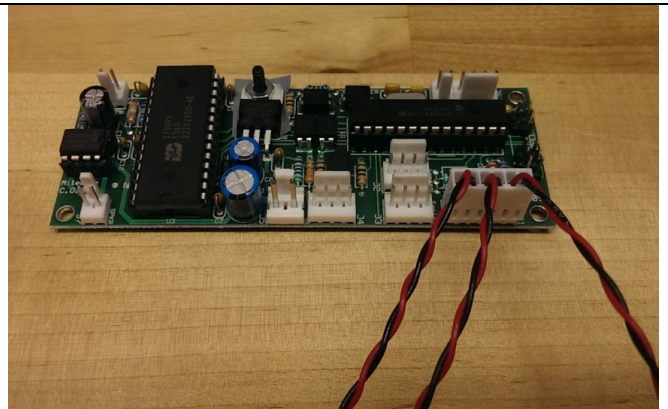
Trigger



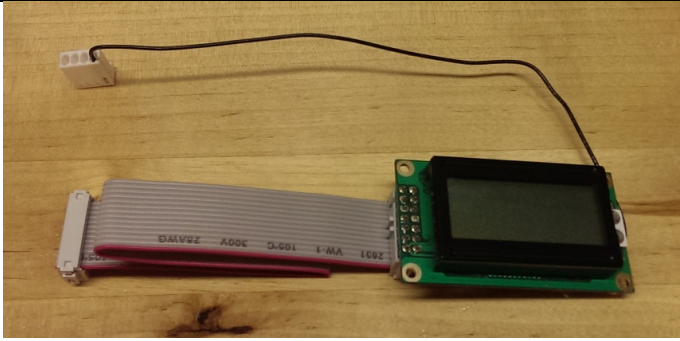
Solder and heatshrink.



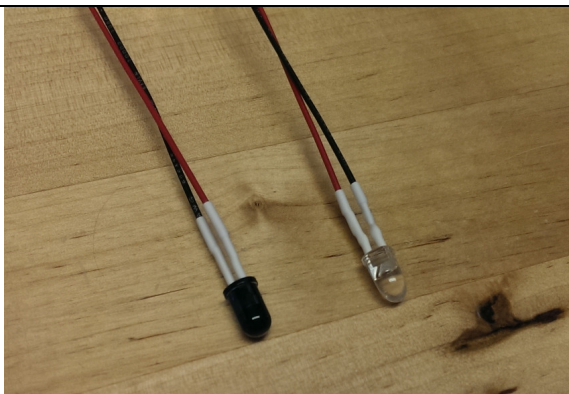
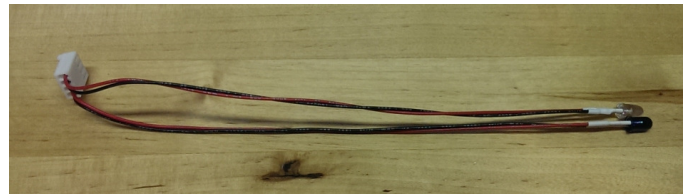
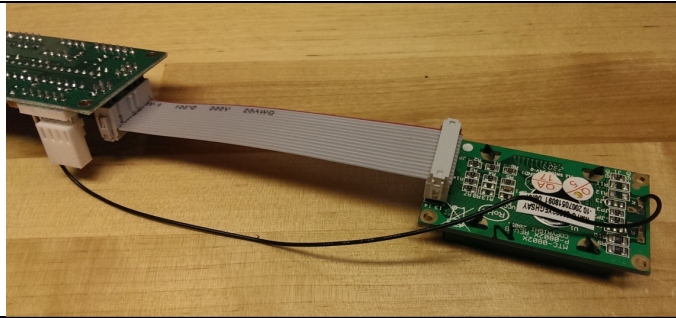
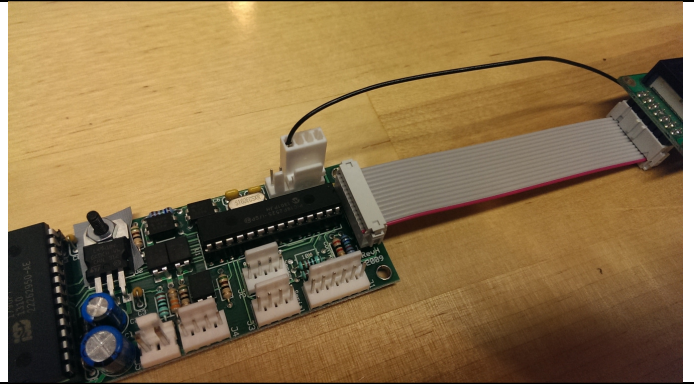
Near to Far: Trigger, Reload, Mode



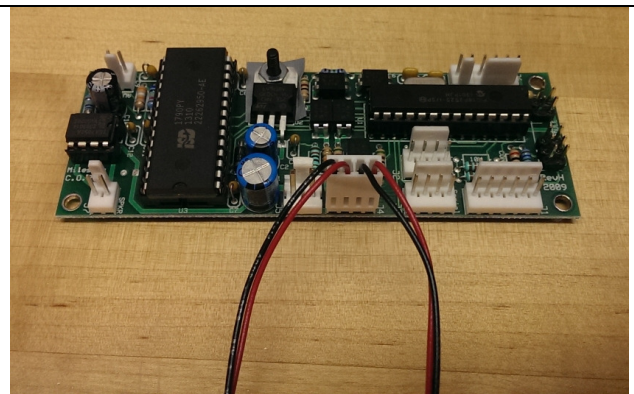
Left to Right: Mode, Reload, Trigger



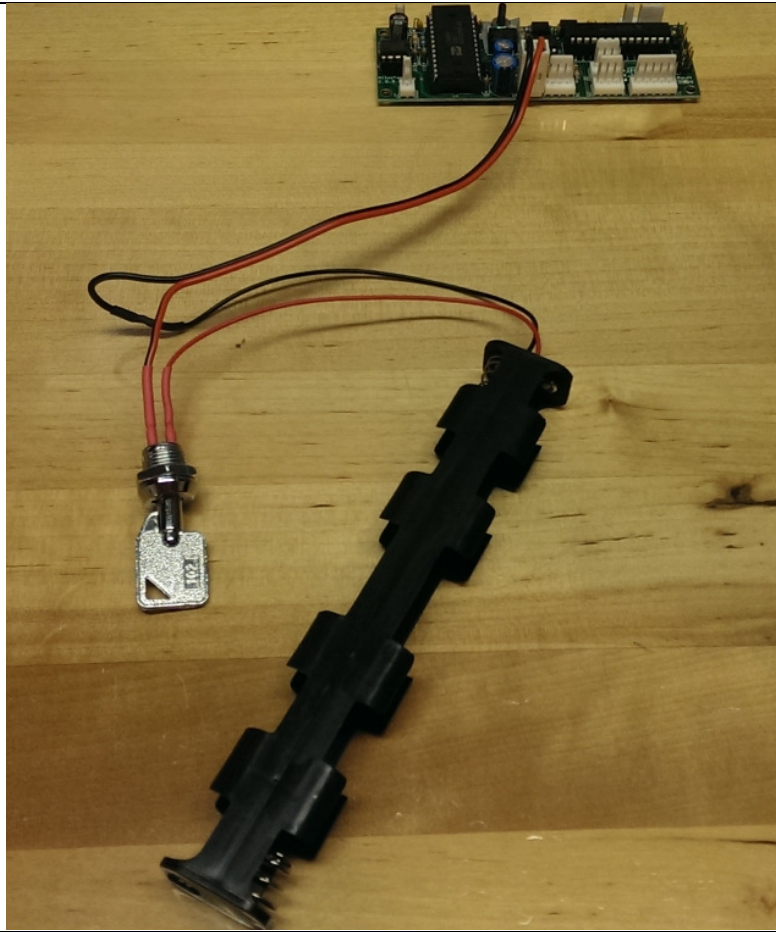
Red stripe on LCD ribbon cable denotes "Pin 1".



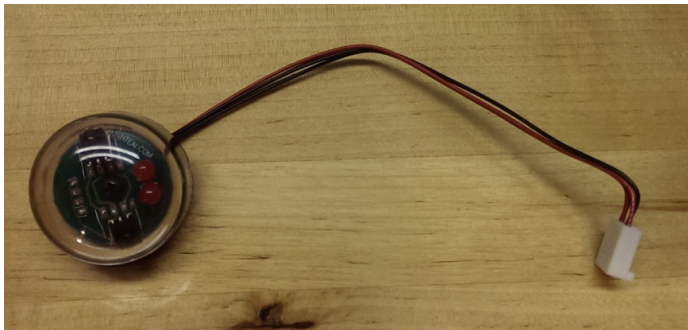
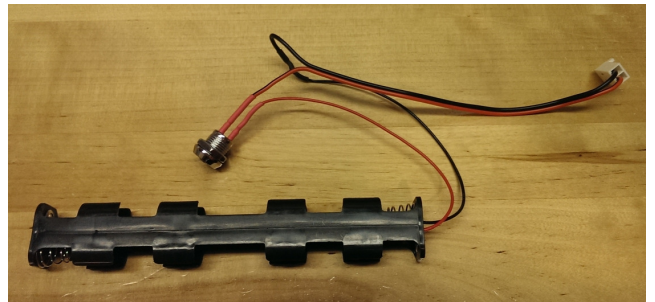
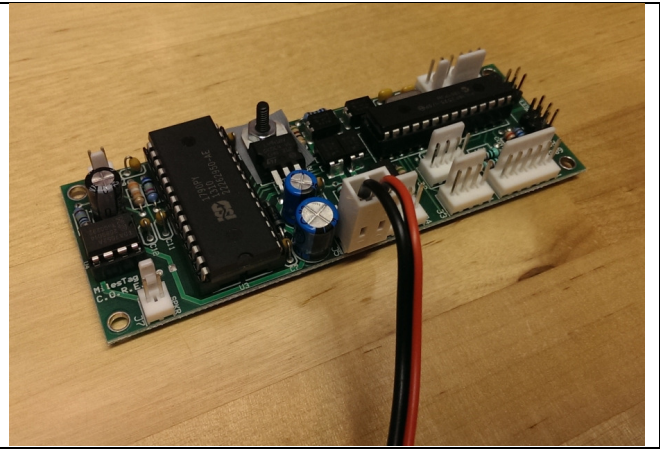
The longer lead on each LED is the + connection.



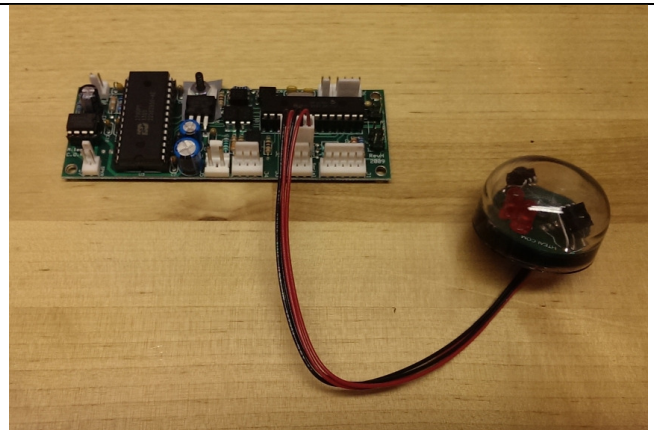
IR LED MUZZLE LED

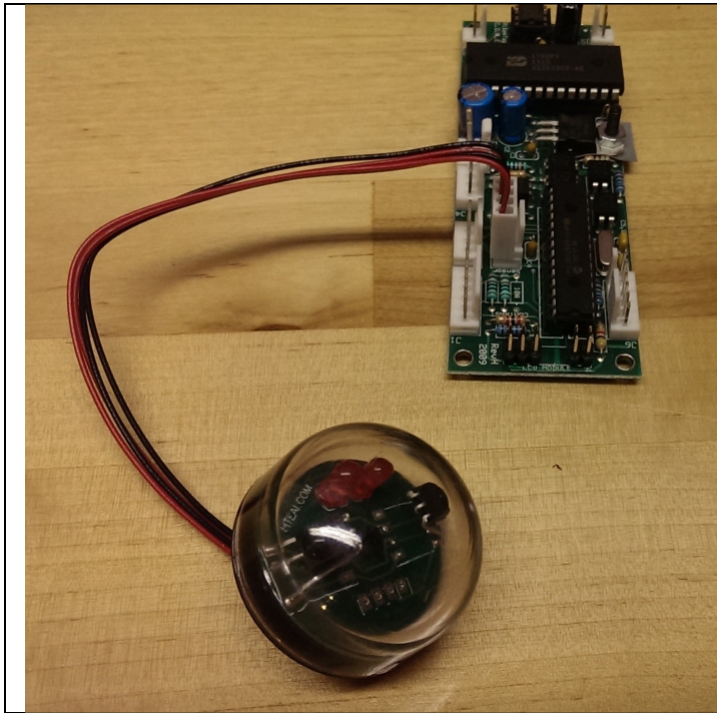


Assembled Power Harness with Keylock Switch.

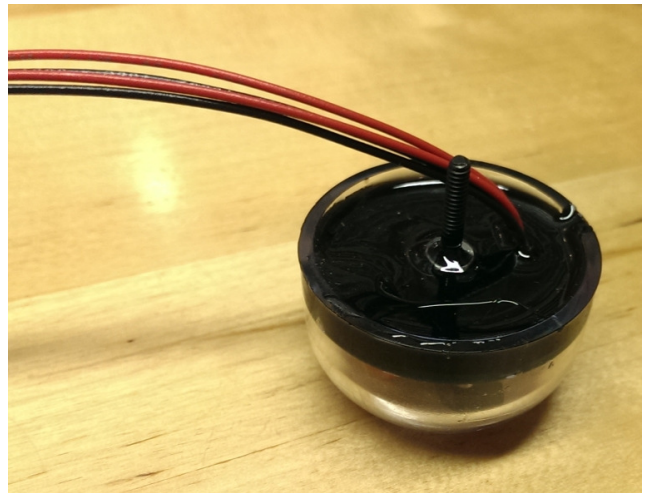


Gun Sensor





Use this connector ONLY.



4-40 Threaded Post

