

Repair Instructions

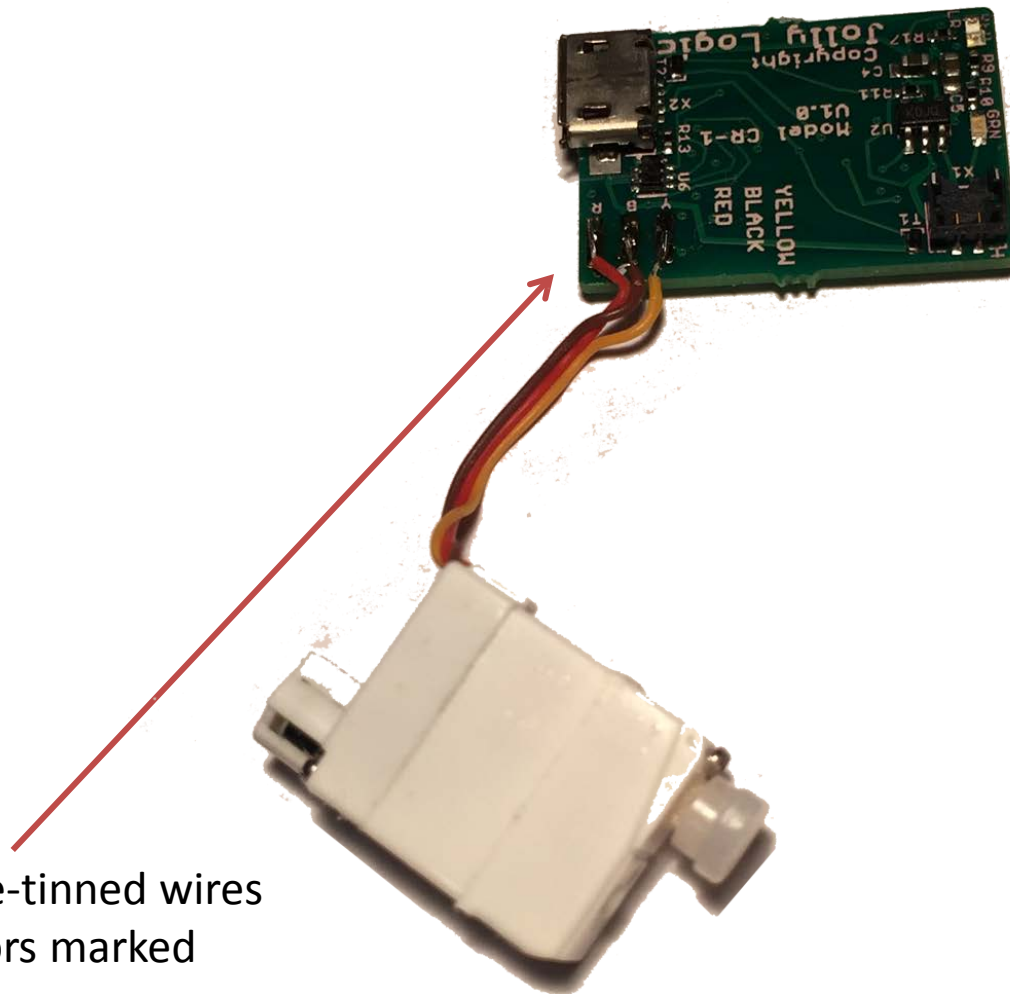
Jolly Logic Chute Release



Rev 1
10/17/2016

jolly logic

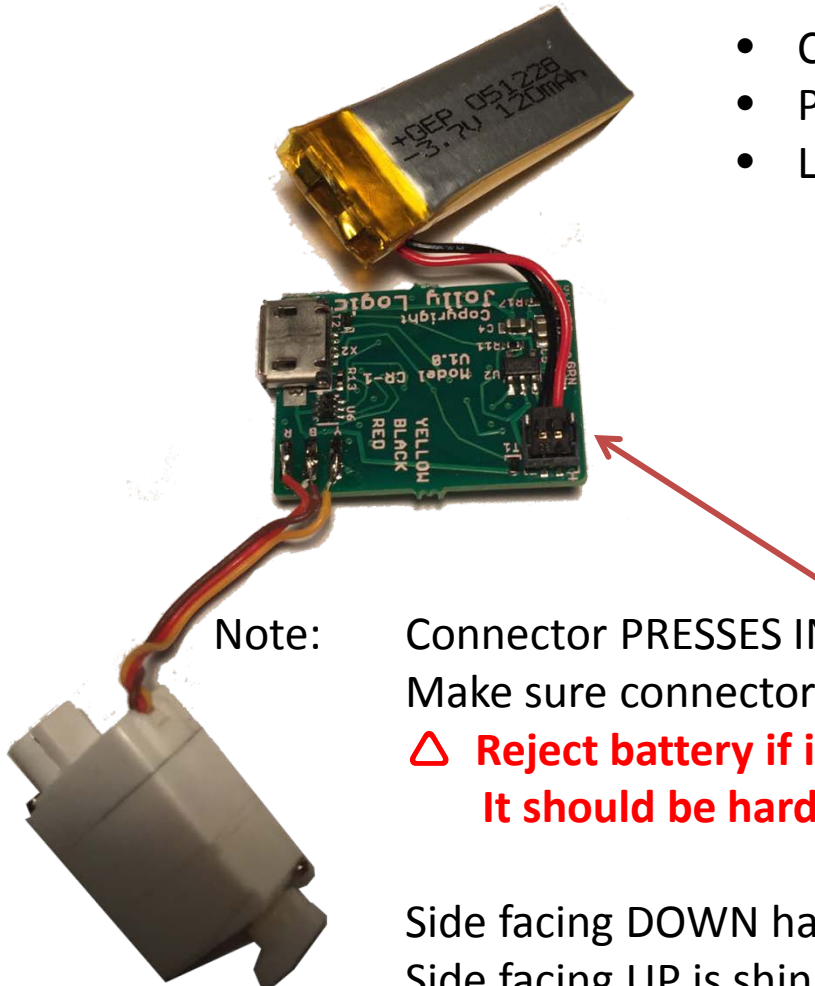
Step A Check Servo Wires



- Three pre-tinned wires
- Wire colors marked

Step B Connect Battery, Power On

- Connect battery
- Press either button to turn on
- LEDs will light up to indicate that power is on



Note:

Connector PRESSES IN (press, do NOT slide in)
Make sure connector is pressed completely in.

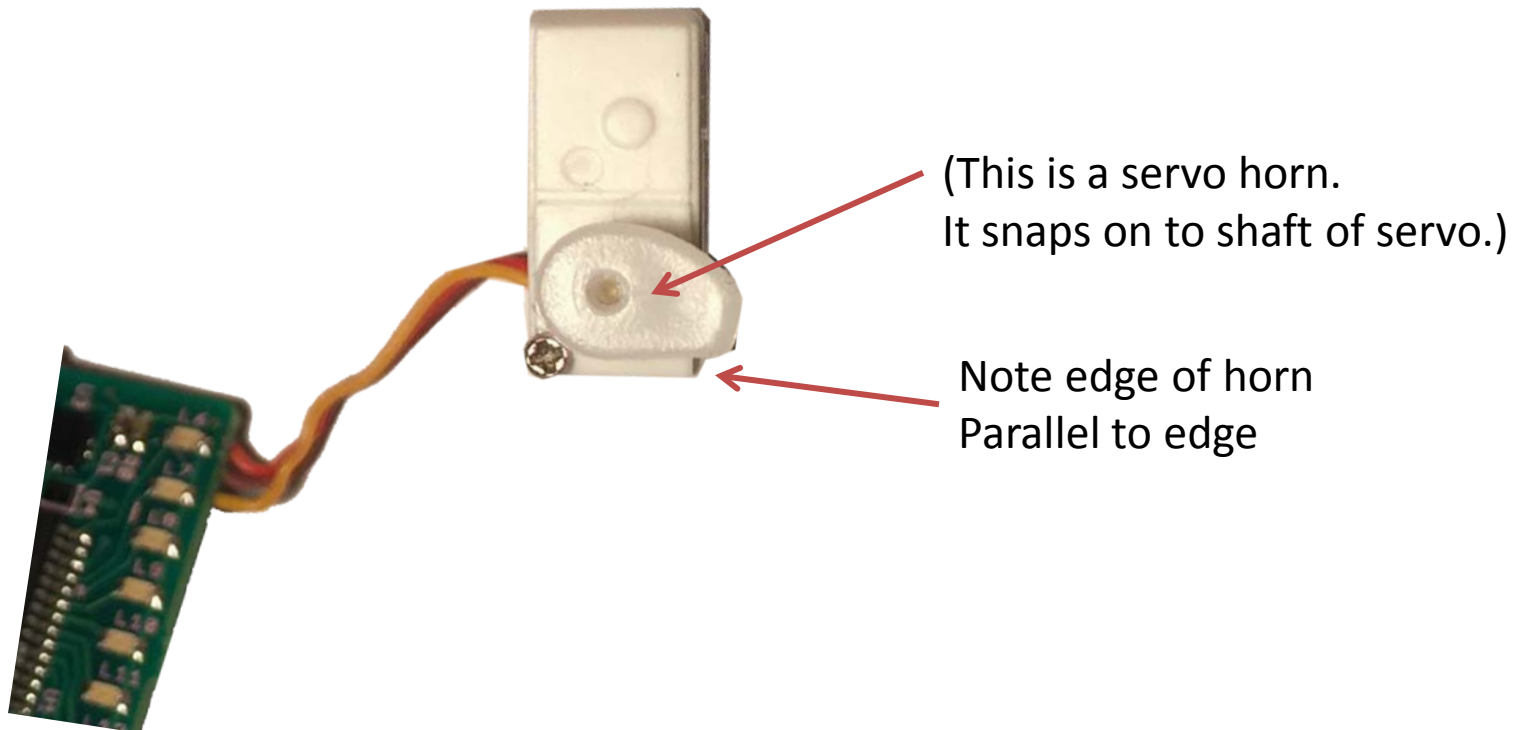
**△ Reject battery if it is “puffy” or has any gas in it.
It should be hard when squeezed and have NO spring to it.**

Side facing DOWN has two slits

Side facing UP is shinier and more complicated

Step Snap on Servo Horn

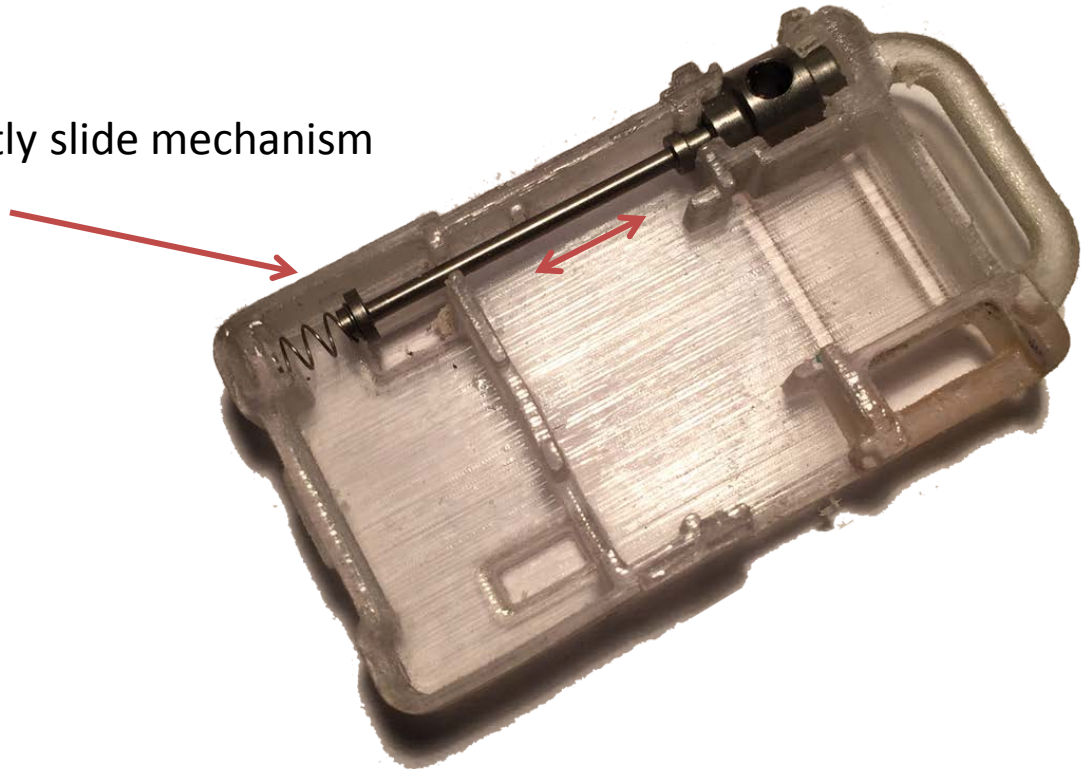
- With PCB still turned on...
- ...firmly snap servo horn on with angle shown
- Angle is critical (must be aligned with edge while power on)



Step D Assemble Metal Parts

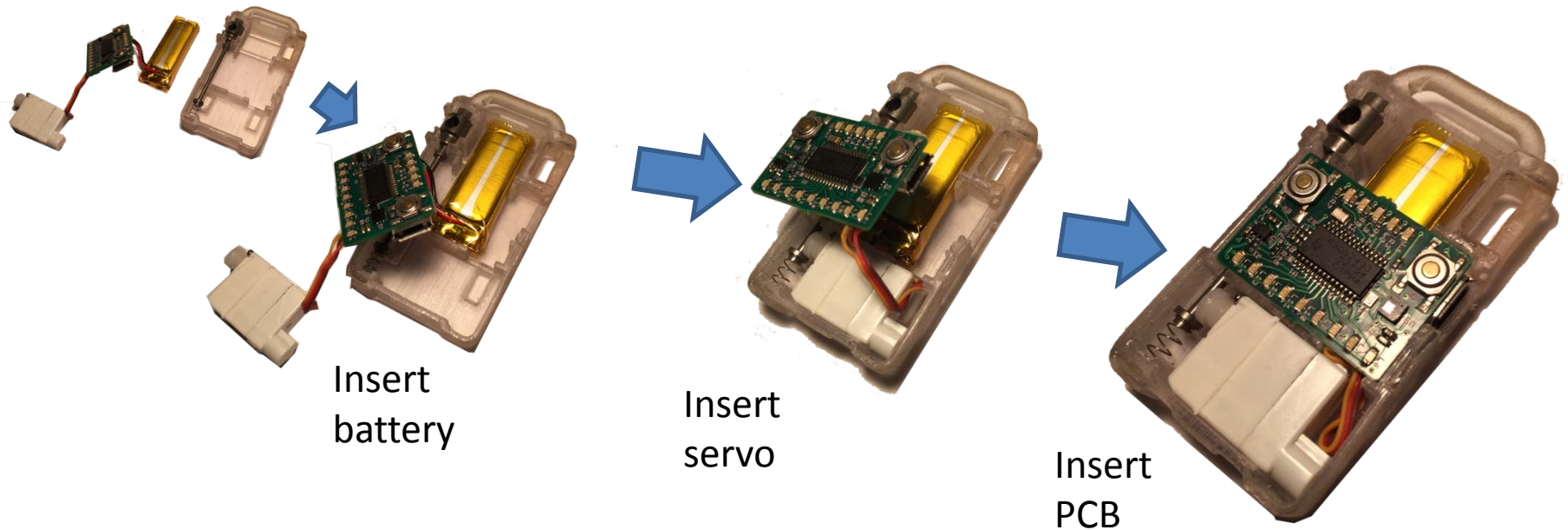
- SPRING, long CATCH, PIVOT are inserted in BOTTOM CASE
- After assembling, make sure parts move freely against spring and return

Use a plastic pry here to gently slide mechanism back and forth



Step E Insert PCB, Servo, Battery

- Insert the assembled PCB/Servo/Battery into BOTTOM CASE
- Train battery wire to one side (under the catch rod, not between PCB and rod), servo wire to other side
- PCB must lie flat in BOTTOM CASE



Step F Add Top Case

- Snap on TOP CASE
- Make sure TOP CASE and BOTTOM CASE are fully engaged



Step G Last Step: Functional Test

- With unit still turned on
- Press left button several times until unit flashes, enters count down
- Insert test cord
- Pull with about 1 pound of force
- Wait for servo to release
- Results:
 - Success (cord releases, pin will catch when re-inserted)
 - Failure (cord does not release, or pin does NOT catch when re-inserted)