How to manually charge Vex IQ battery.

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Issue

The Vex IQ battery will not charge. The battery charger only flashes red.

Cause

A red blinking light indicates a battery “fault”. Result of battery being completely drained. Even if brain is off, Vex recommends disconnecting the battery from the brain when not in use.

Resolution

Manually charge the battery.

Procedure

1. Insert dead battery into Vex IQ brain.
2. Connect a motor to the brain with a smart cable.
3. Connect a gear or wheel to the motor with a shaft.
4. Rotate the gear/wheel back and forth quickly for about 1 minute, note that the brain light will flash.

5. After about 1 minute, remove the battery from the brain and quickly place the battery back on the charger.