7-LED Rotating Beacon

This guide describes how to use and configure the 7-LED Rotating Beacon kit from Brickstuff.

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TOOLS:

- Paperclip (1)

PARTS:

- Brickstuff 7-LED Rotating Beacon Kit (1)
- One of Brickstuff's Power Sources (1)

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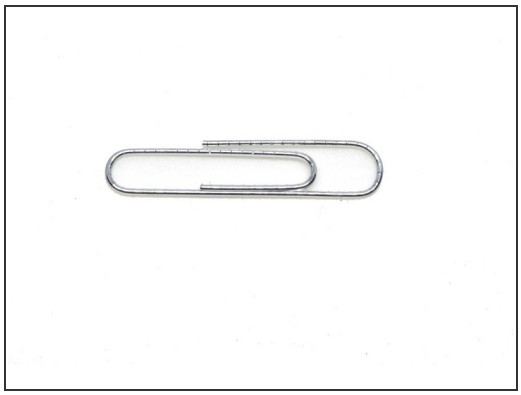
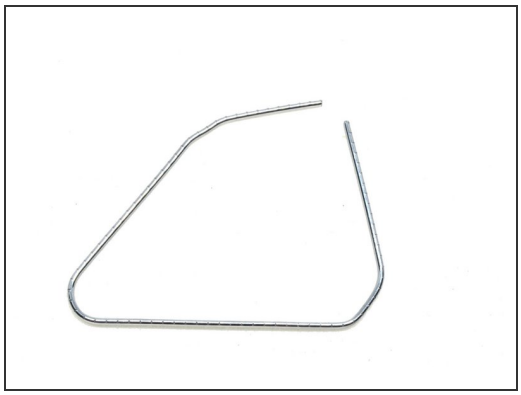
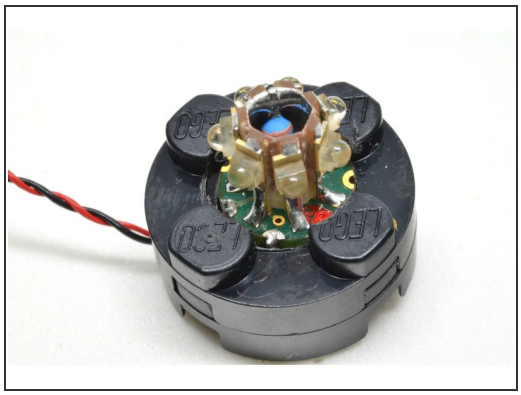
Step 1 — The Beacon Kit

- The Brickstuff rotating beacon kit includes one beacon assembly containing seven LEDs, mounted in the space of a 2x2 LEGO brick.
  - The beacon kit also includes a 1:2 BRANCH04 adapter, for connecting the beacon to a power source.
- The translucent top of the beacon is removable, to allow adjustment of the effect modes. The beacon has 13 effects pre-programmed.
- The active effect selection is maintained even when power is off.

Step 2 — Changing the Effect Mode

- The beacon includes 13 lighting effect modes.
- To change the active mode, you can use a paperclip, unfolded.
- Carefully remove the translucent top of the beacon so the LED lighting assembly is visible.
- One side of the beacon will have a red dot between two metal contacts. Use the paperclip to connect or jump these two contacts-- when a positive connection is made, the lighting mode will advance.
  - **When the two contacts are connected by the paperclip (when there is a positive connection), the beacon will "freeze" and only one of the seven LEDs will remain lit. This is how you can tell you've made a solid connection to change the effect mode.**

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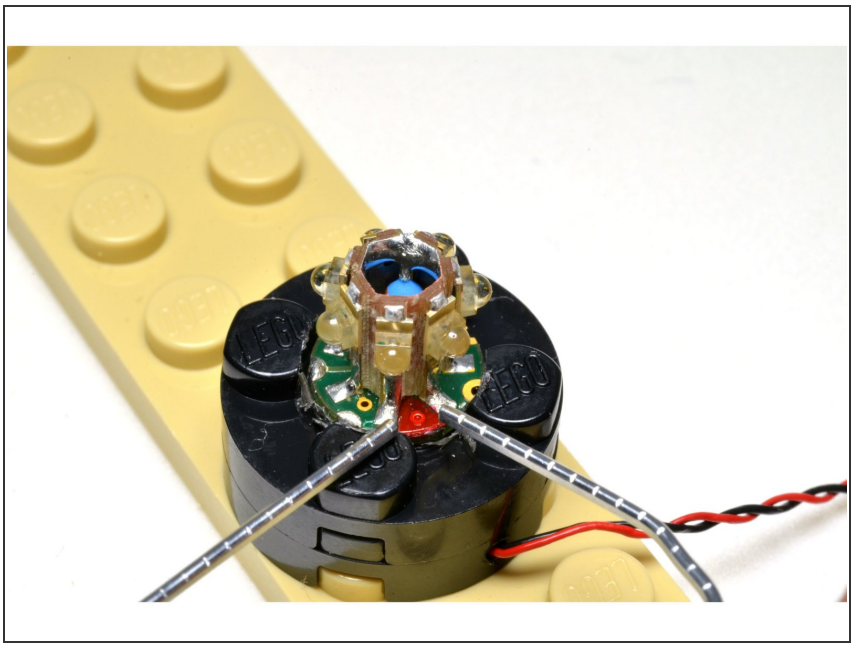
Step 3 — Changing the Effect Mode (continued)

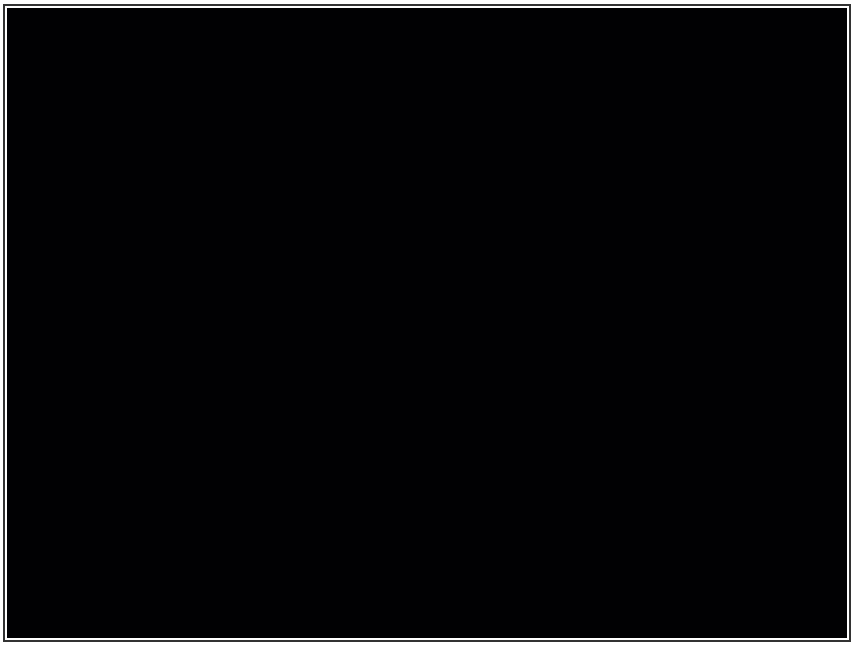


- This photo shows a detail view of using the unfolded paperclip to jump the two metal contacts on either side of the red dot.
  - ***'When the two contacts are connected by the paperclip (when there is a positive connection), the beacon will "freeze" and only one of the seven LEDs will remain lit. This is how you can tell you've made a solid connection to change the effect mode.'***
- To continue cycling through effect modes, touch the paperclip to the two metal contacts multiple times.
- The effect mode will automatically cycle back to #1 after passing #13.
- The active effect mode is preserved even when power is disconnected.

Step 4 — Beacon Effect Mode 1

- This video demonstrates beacon effect #1.

Step 5 — Beacon Effect Mode 2

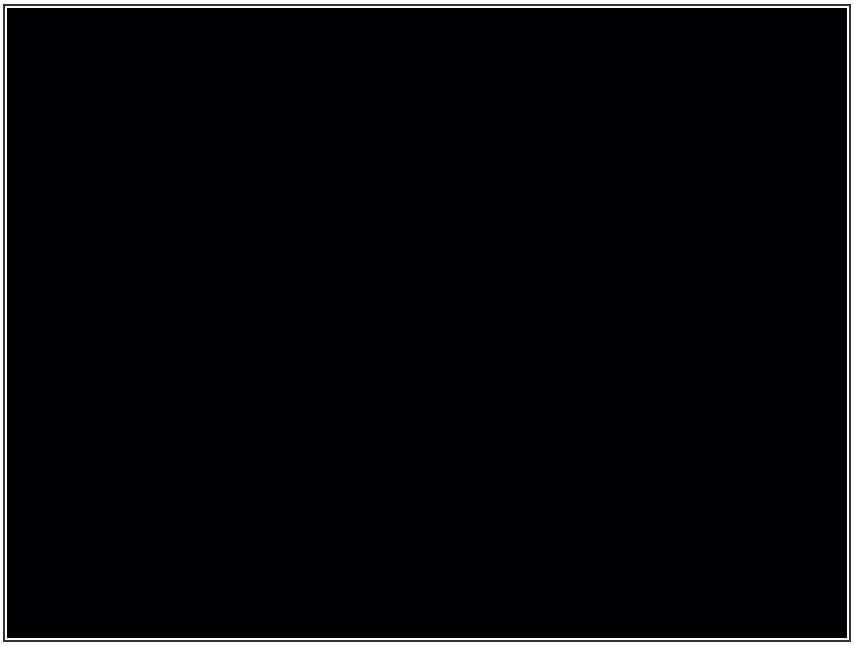


- This video demonstrates beacon effect #2.

Step 6 — Beacon Effect Mode 3

- This video demonstrates beacon effect #3.

Step 7 — Beacon Effect Mode 4

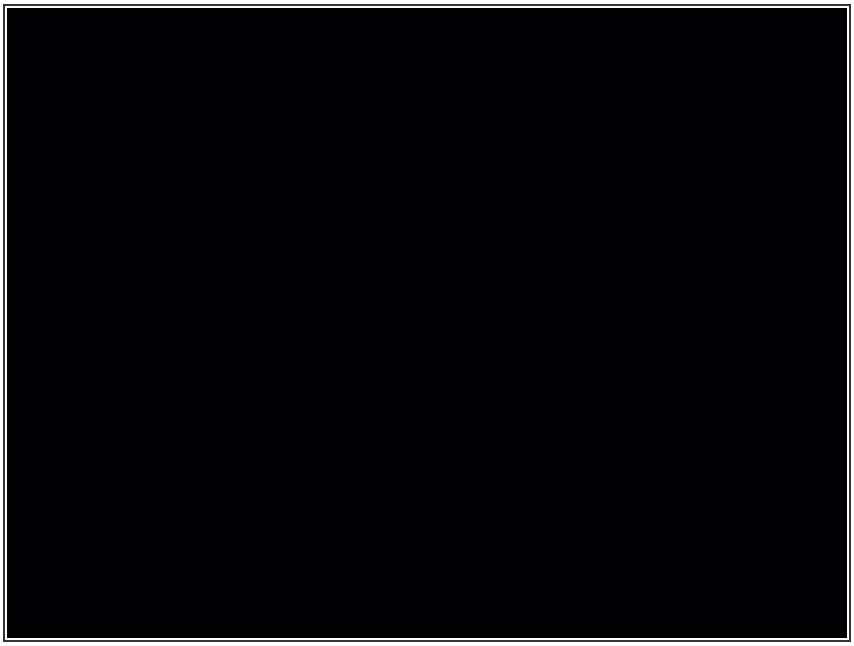


- This video demonstrates beacon effect #4.

Step 8 — Beacon Effect Mode 5

- This video demonstrates beacon effect #5.

Step 9 — Beacon Effect Mode 6

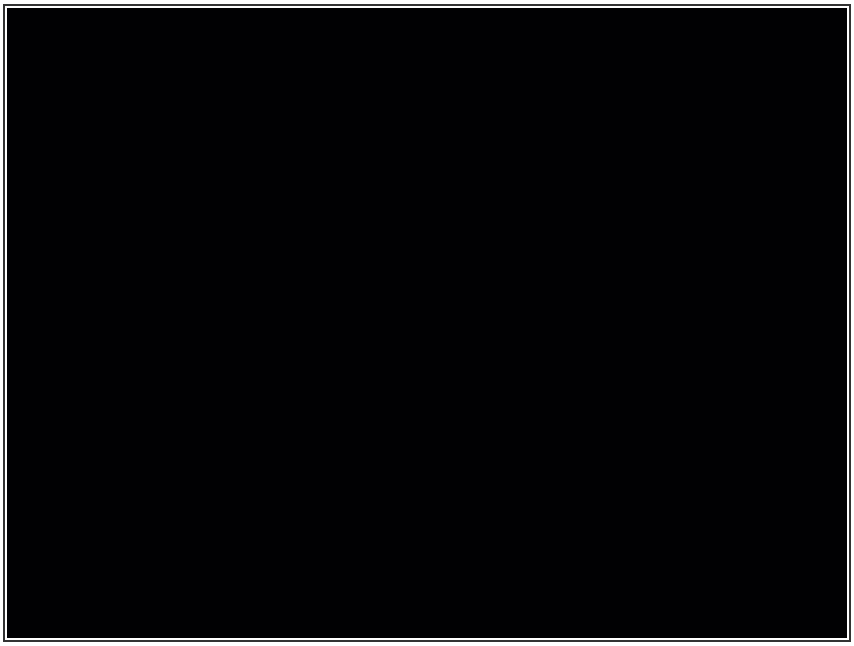


- This video demonstrates beacon effect #6.

Step 10 — Beacon Effect Mode 7

- This video demonstrates beacon effect #7.

Step 11 — Beacon Effect Mode 8



- This video demonstrates beacon effect #8.

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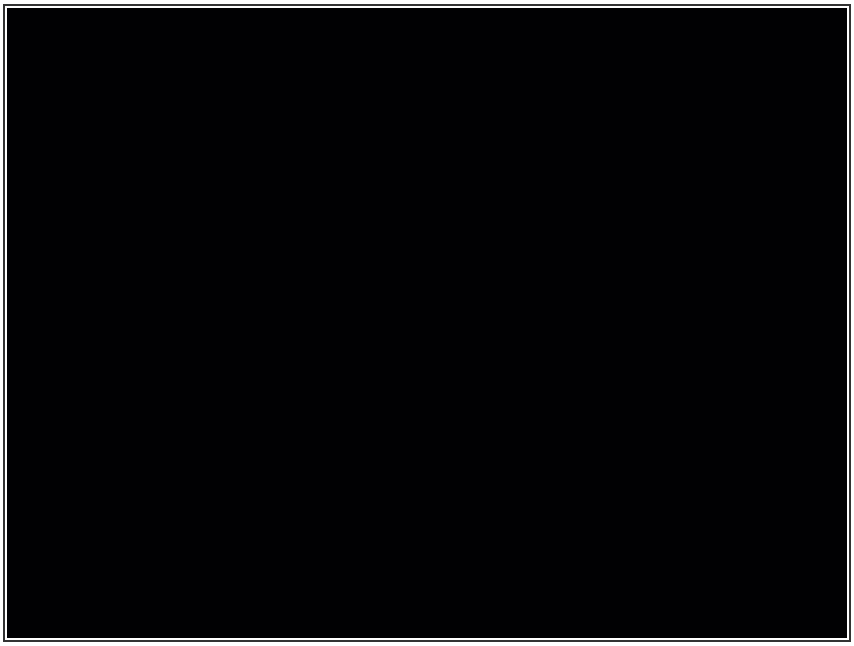
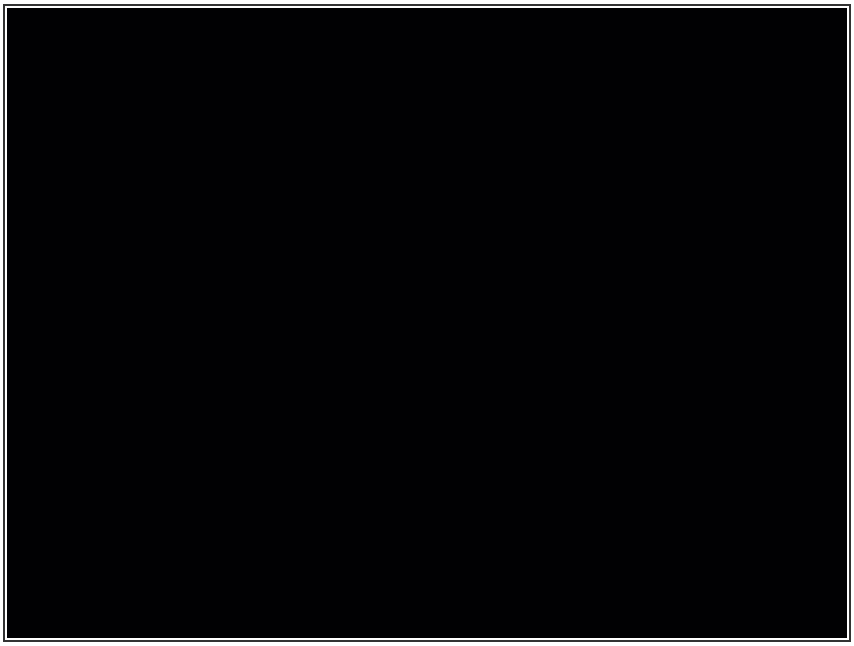
Step 12 — Beacon Effect Mode 9



- This video demonstrates beacon effect #9.

Step 13 — Beacon Effect Mode 10

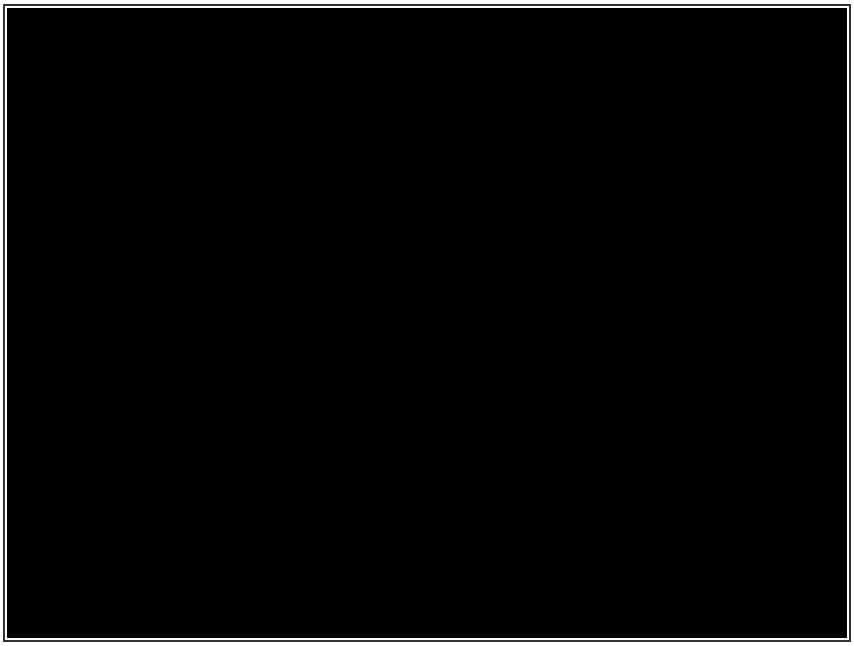


- This video demonstrates beacon effect #10.

Step 14 — Beacon Effect Mode 11

- This video demonstrates beacon effect #11.

Step 15 — Beacon Effect Mode 12



- This video demonstrates beacon effect #12.

Step 16 — Beacon Effect Mode 13

- This video demonstrates beacon effect #13.

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