

FRONT STRUCTURE

Instructions:

1. Place base grid supports on base grid G.
2. Lay all the base grids on a table, and install all parts except the jumper wires, the stabilizers, and the sides of the vertical snap wires (and two the 3-snap wires on top of them) that are on grids F&H. Set the meter (M6) to the 50mA setting.
3. Install grids F&H into the base grid supports on grid G.
4. Mount grid C onto grids F&H using 4 stabilizers. Adjust the position of the stabilizers so that the sides of the vertical snap wires align with their positions on grid C.
5. Mount grid D upside down onto grids F&H using 4 stabilizers. Adjust the position of the stabilizers so that the sides of the vertical snap wires align with their positions on grid D.
6. Mount grids A, B, and E onto grids F&H using 6 stabilizers. Adjust their positions as needed.
7. Install all jumper wires. You may use any colors available. Any jumper wires shown as blue are only 4" long, and purple ones are 9" long (distances shown on the drawing may be shorter than they appear).
8. Turn on the slide switch (S1). The motor (M4), meter (M6), lamp (L4), and most LEDs should be on. Cover the phototransistor (Q4) to turn off the blue LED (D9). The color LED (D8) next to the solar cell (B7) may be on if there is enough light on the solar cell.

Maybe put a photo of this in the manual, and make them go to our website for assembly instructions.

Front-Side view:
Stabilizers are identified as F1-F7 and B1-B7 (Front 1-7 and Back 1-7), as shown on this drawing.

