

Part A1: Rotating ring.
Glue to the back of Part A2.

Part B1: Hour Ring

Glue
Part A3
Here

The Sundial Primer

Sundial
Universal Ring

Spacer Rings

2

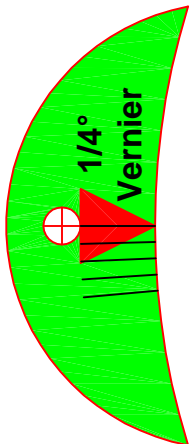
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2

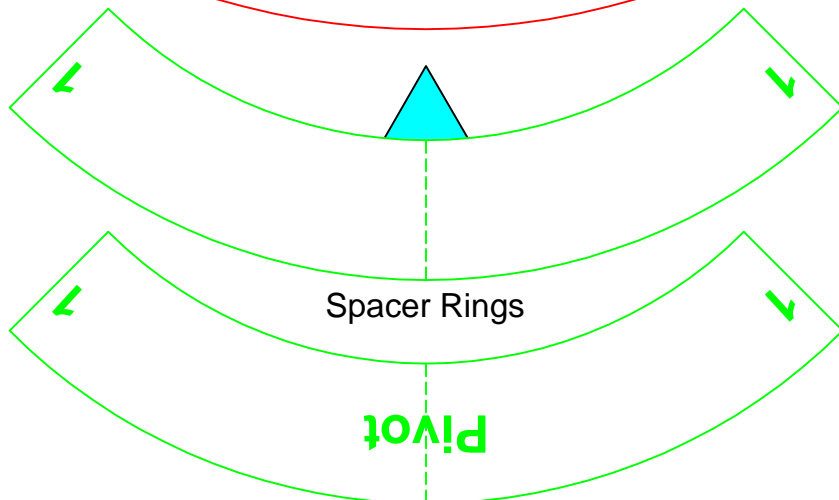
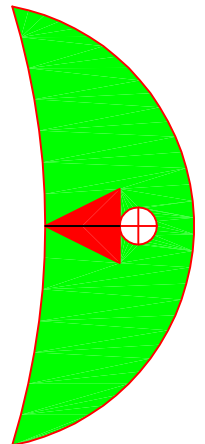
2 Pivot

Stop

Part A3:
Latitude Pointer

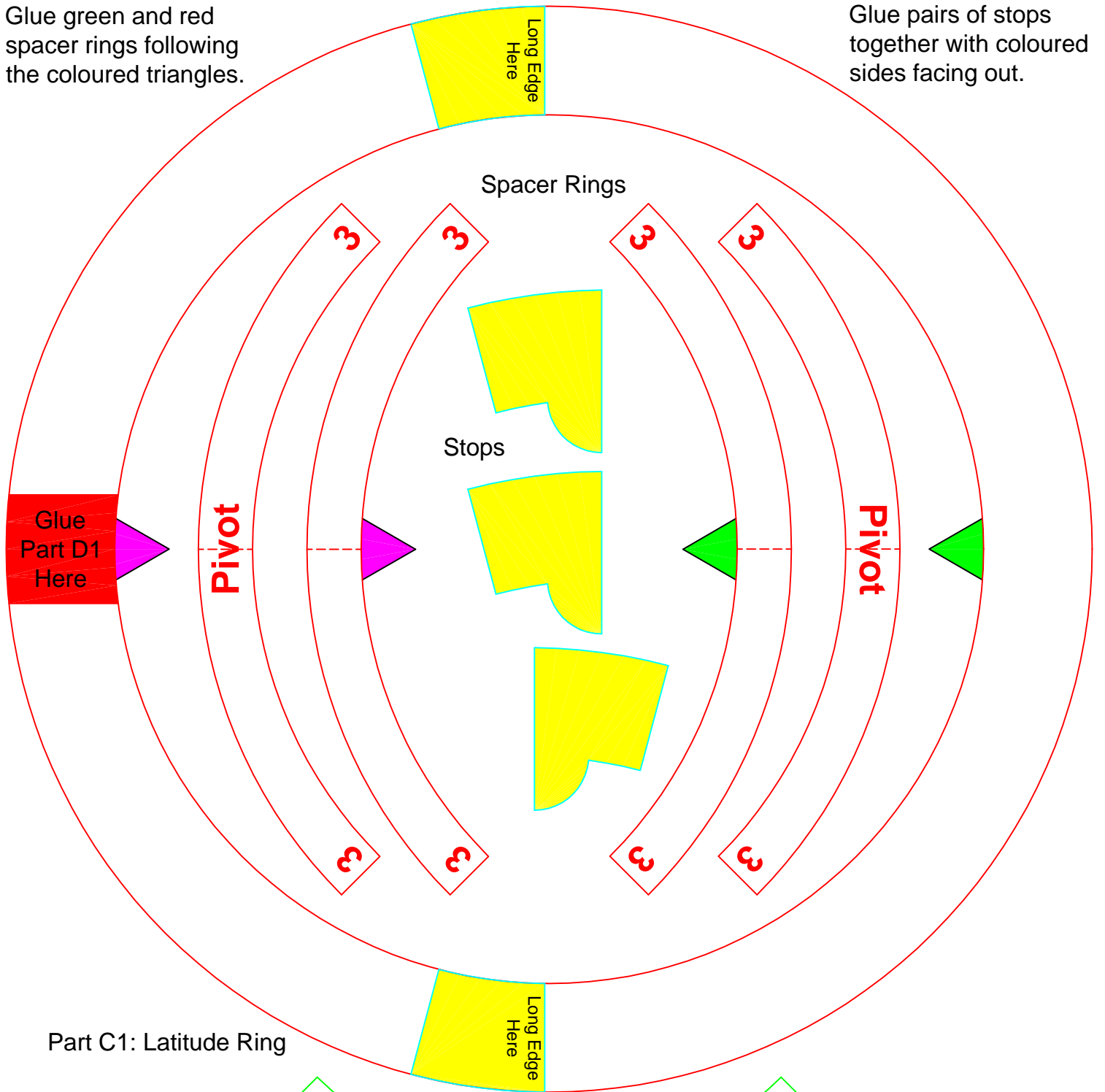


Part A4:
Latitude Pointer



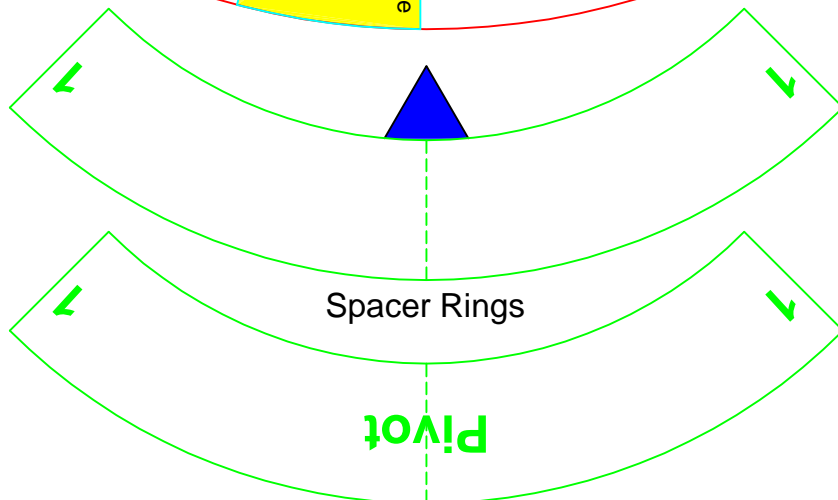
Glue green and red spacer rings following the coloured triangles.

Glue pairs of stops together with coloured sides facing out.



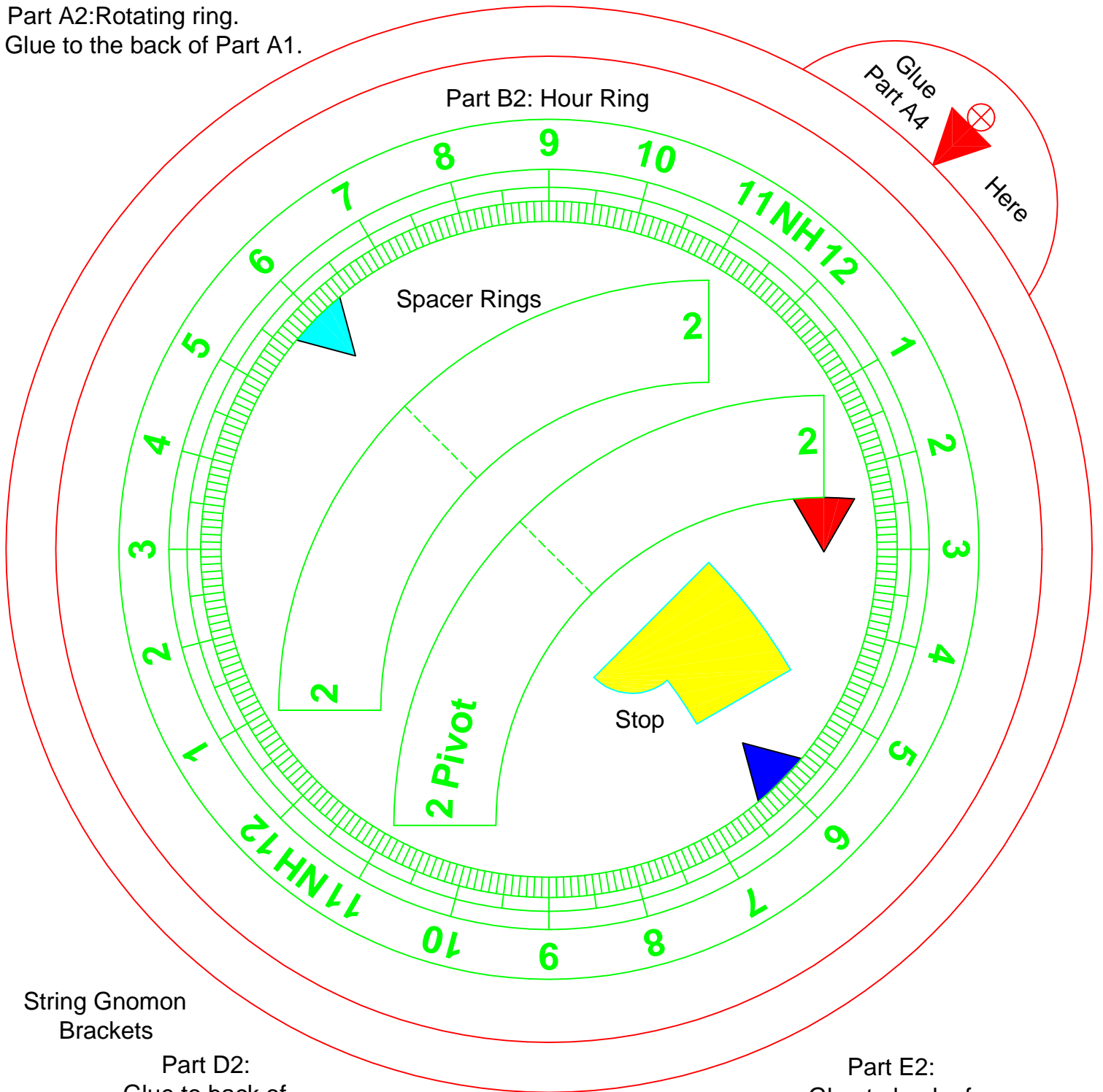
Part C1: Latitude Ring

IMPORTANT:
Use no wrinkle rubber cement or the sundial will warp badly!



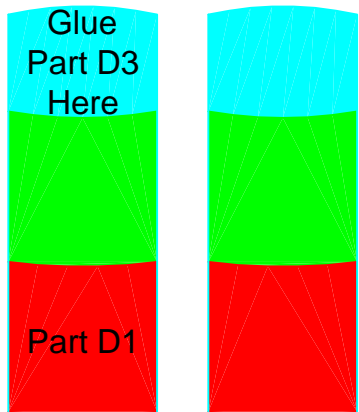
Cut out all the parts and write the part number on the back.

Part A2: Rotating ring.
 Glue to the back of Part A1.

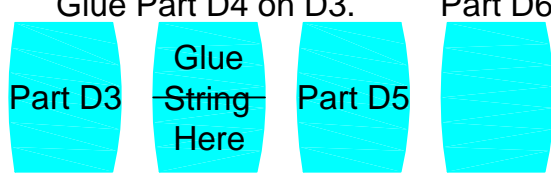


String Gnomon Brackets

Part D2:
 Glue to back of Part D1.

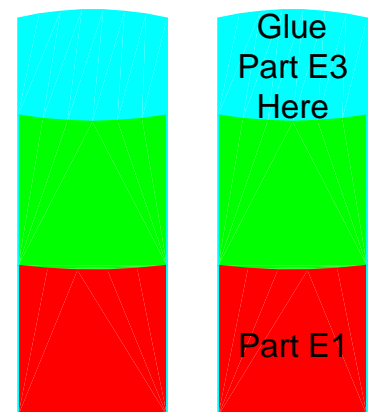
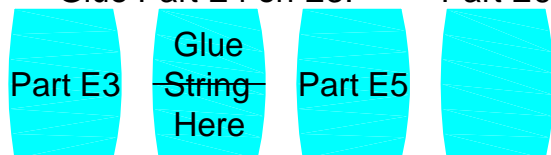


Glue Parts D5/D6 together then over string.
 Glue Part D4 on D3.



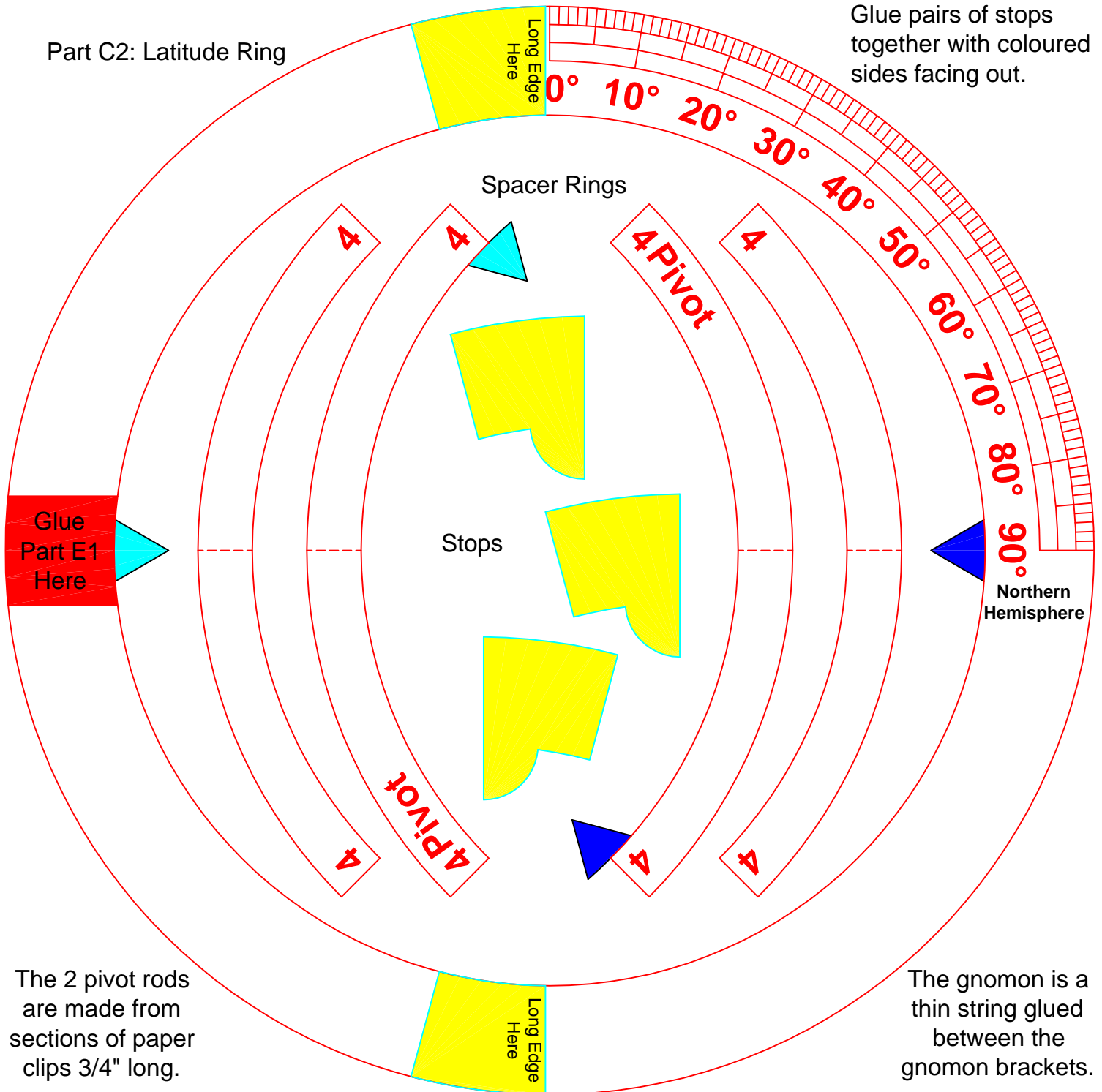
Part E2:
 Glue to back of Part E1.

Glue Parts E5/E6 together then over string.
 Glue Part E4 on E3.



Part C2: Latitude Ring

Glue pairs of stops together with coloured sides facing out.



The 2 pivot rods are made from sections of paper clips 3/4" long.

The gnomon is a thin string glued between the gnomon brackets.

Tape pivot rods into place on hour ring Part B1. Glue Part B2 on securing the pivot rods in place. Cut off the tabs. Start with Part C1 and position Parts A1/A2 in place with the vernier facing up. Wrap the exposed pivot rods with foil so they will not be glued but free to rotate. Position the completed hour ring as indicated by the pivot points with the hour numbers facing up. Glue Part C2 in place as indicated by the pivot points taking care not to glue the rotating ring. Cut off the tabs. Glue in the hour bars, string gnomon brackets and stops. Turn hour ring so the numbers face the latitude numbers and then pass through string gnomon.



Hour Bars: Glue to the inside edge of the hour ring after the two halves are glued together but before the string gnomon is glued into place.

