



Instructions for Repairing the Compass and Trim

Items Needed:

Compass with Black Trim

Brass Magnetic Declination Tab

“Welder’s Glue” (you can get this at Wal-Mart – silver tube)

Straight edge



1. Scrape all glue residue off old pieces.
2. Set Brass magnetic declination tab in trough.

Put a small amount of Welder's glue on either side of the trough toward the center of the Solar Pathfinder. PLEASE NOTE: Make sure no glue touches the declination tab or gets into the trough

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4. Place the compass on the glue. Using straight-edged ruler, maneuver the compass to the correct place, making sure the "N" (north) end of the compass is toward the outside of the Solar Pathfinder (Southern Hemisphere will have the "S" toward the outside). The straight edge will go through the: white dot – center of level – center of compass – center of the trough. The center of the compass will be $5 \frac{3}{4}$ " from the white dot.

PLEASE NOTE: The compass hangs out over the edge of the inner bowl quite a bit – see picture.

5. Allow to dry 24 hours before installing the round black disc (diagram support) or using Solar Pathfinder.

