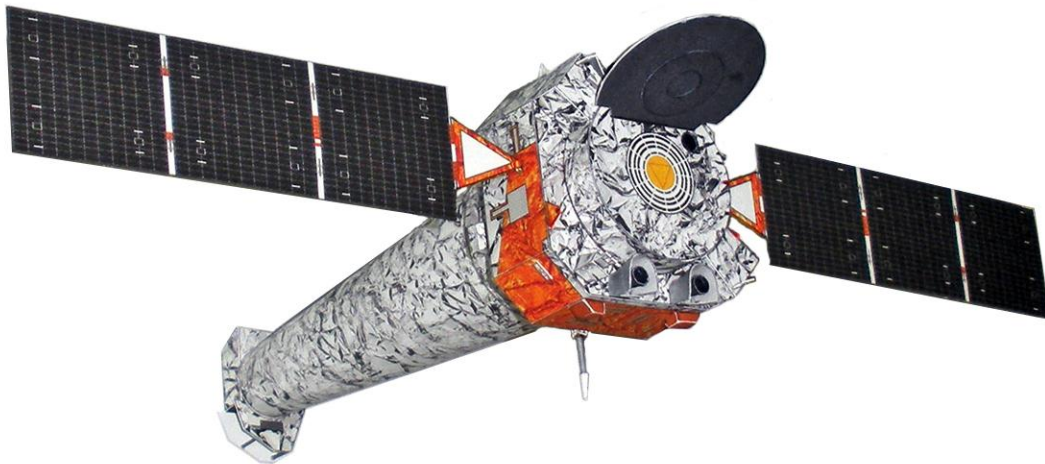
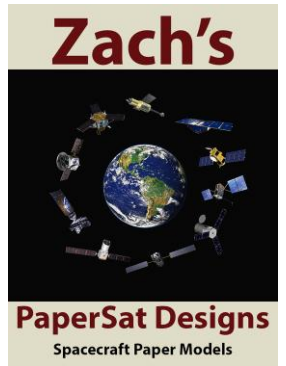
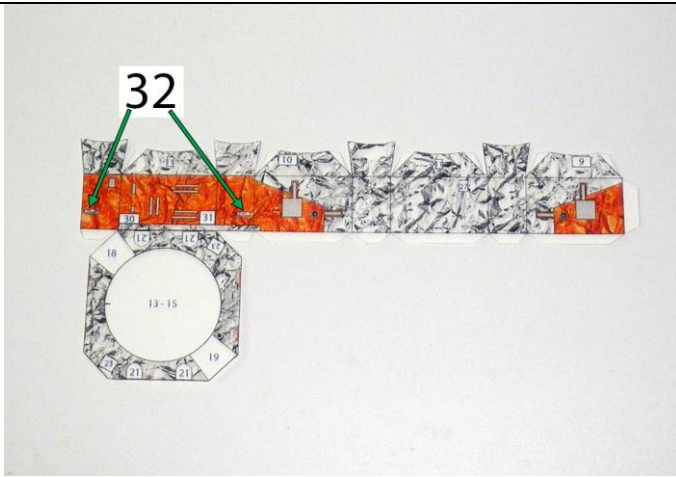
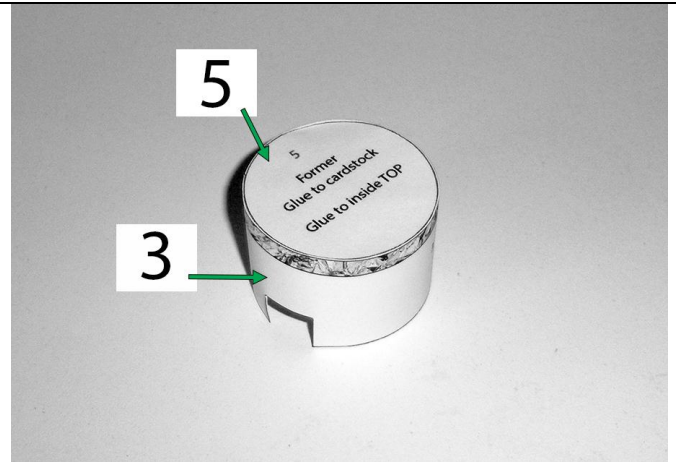


Chandra X-Ray Observatory  
1/80 Scale Paper Model Instructions

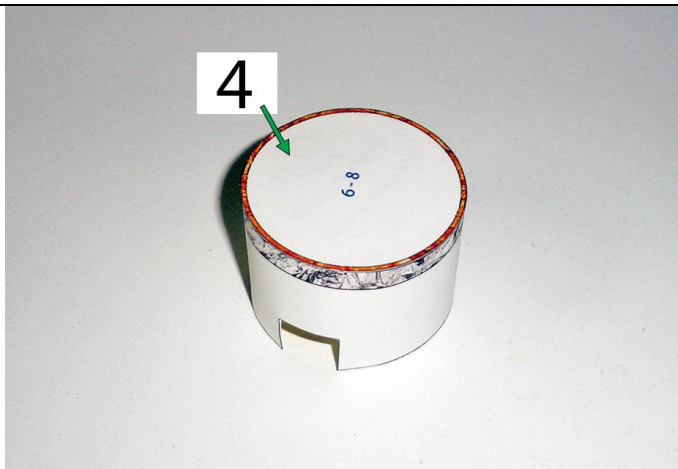




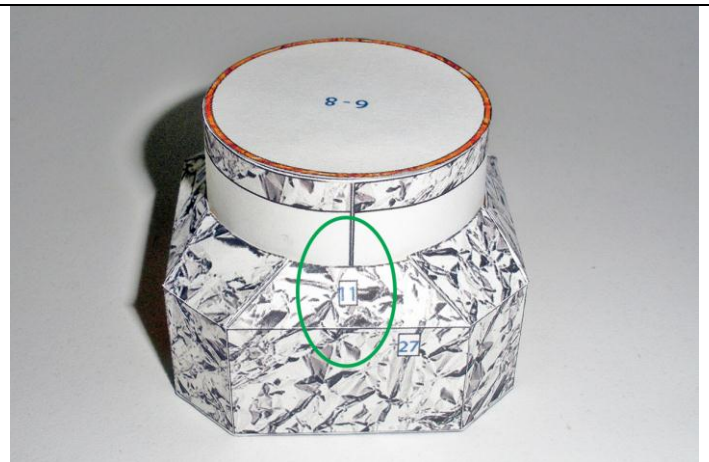
Glue 32 to the two white rectangles as shown, Poke holes on the two black dots for the solar array support rod.



5 Fits TOP inside of part 3.



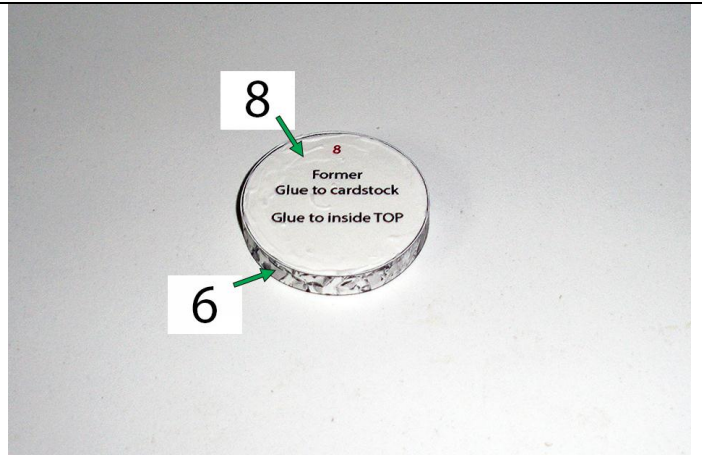
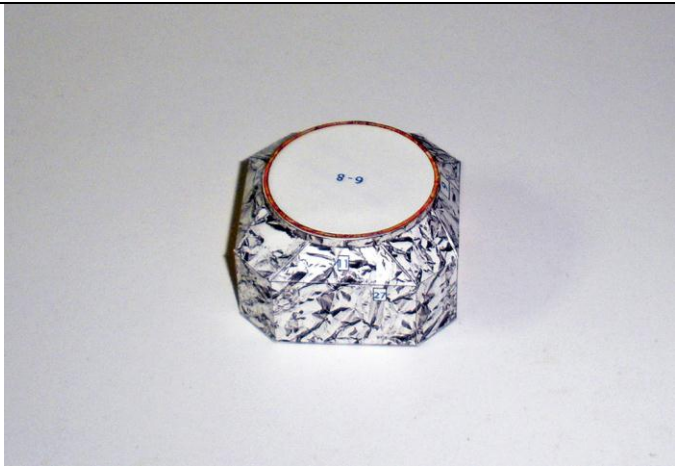
Glue 4 on top.



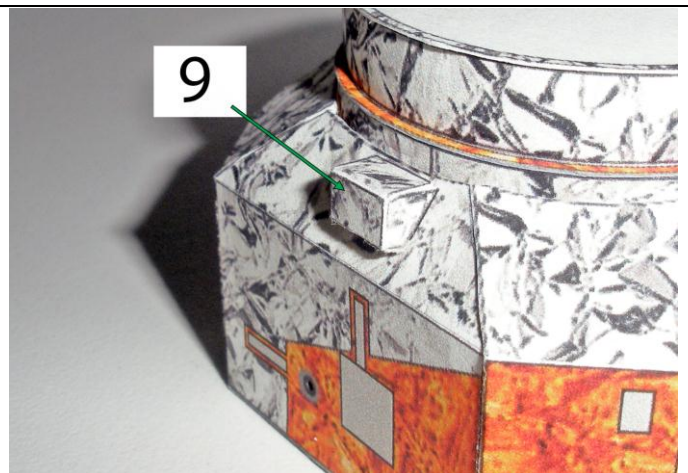
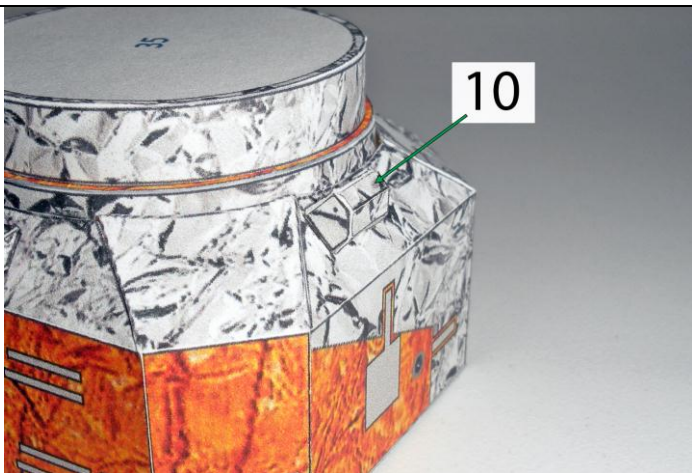
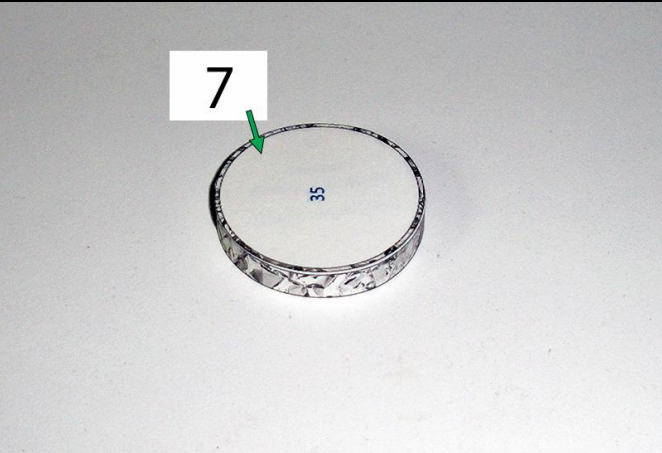
Slide inside the body!

Important: match seem of 3 to the area labeled "11" at the backside as shown. This will position the two openings on part 3 inside in the proper position so the solar array support rod can pass through the body.

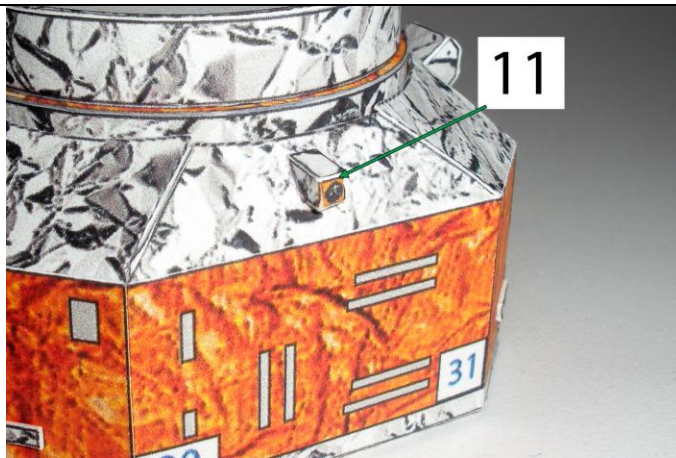




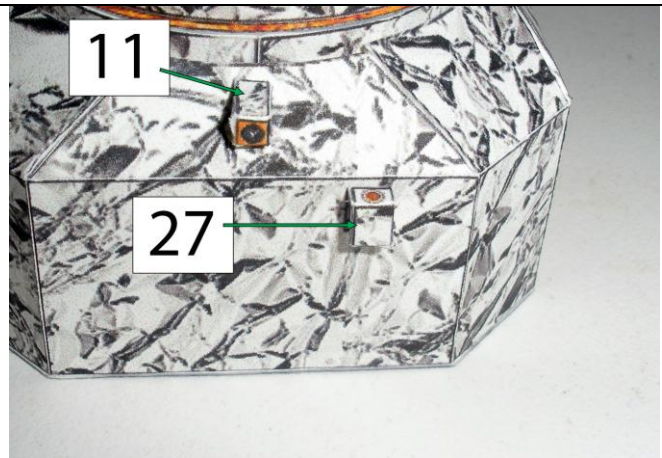
8 fits inside of 6.



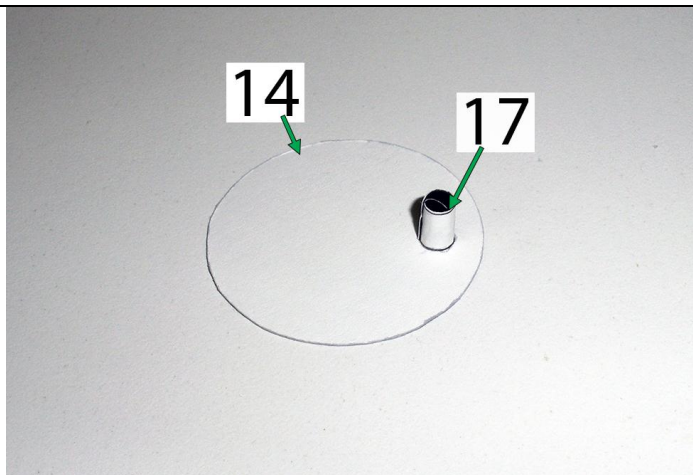
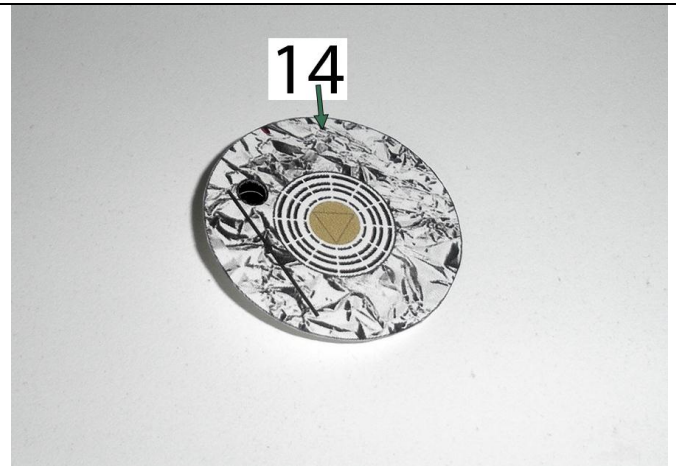
Glue these to their labeled areas.



Poke small hole on the black dot on parts 11 to help hold parts 12 in place.



Glue these to their labeled areas.

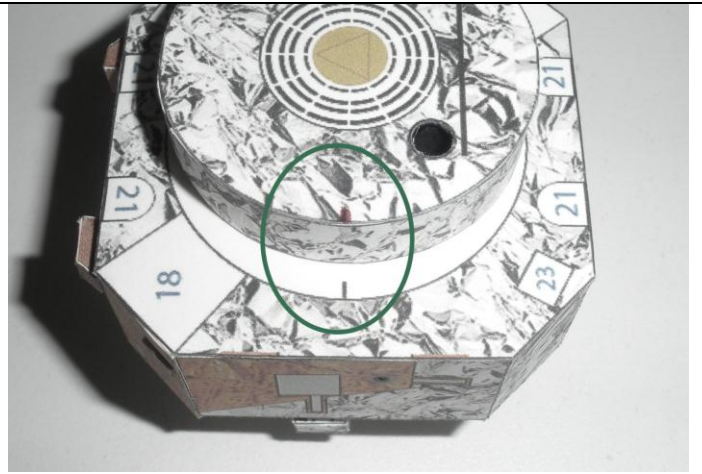


Glue 17 at the hole on backside of 14

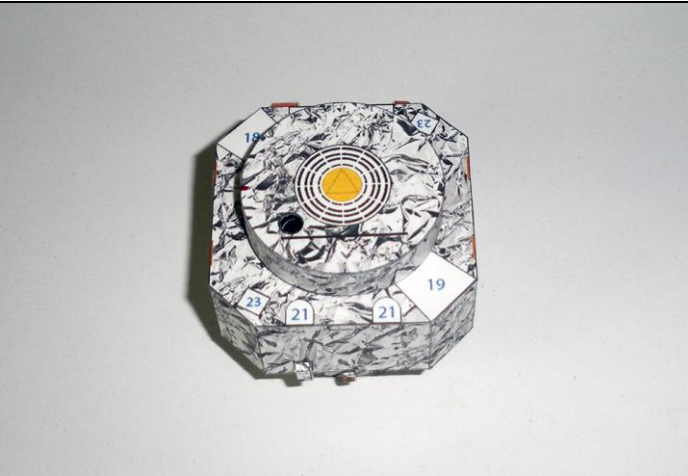


Glue 14 on top of 13 and 15 (17 slides through the hole on the former), glue 16 on 17 as shown.

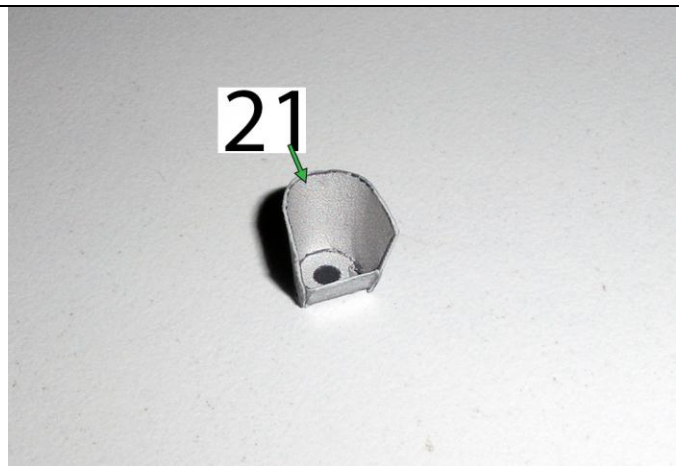
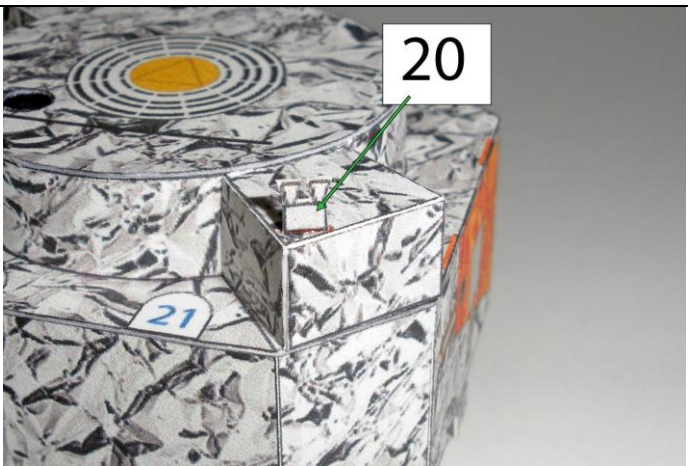




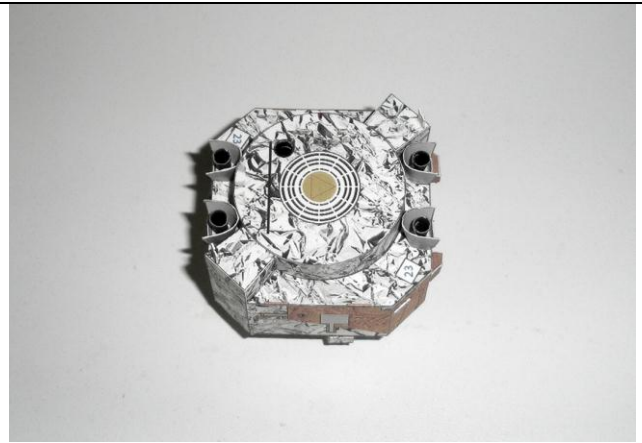
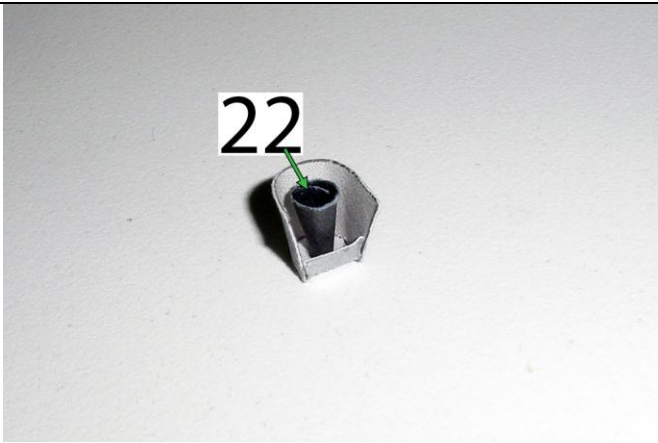
Glue to the bottom.  
Important: Match the red marker on 13-17 to the marker on the bottom as shown.



Glue these to their labeled areas.

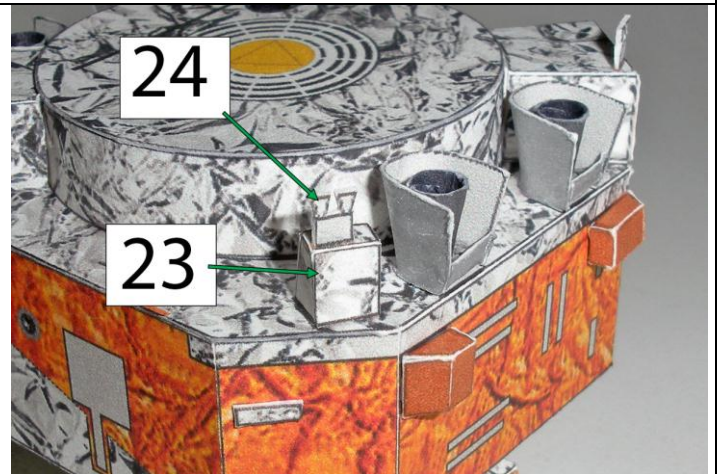
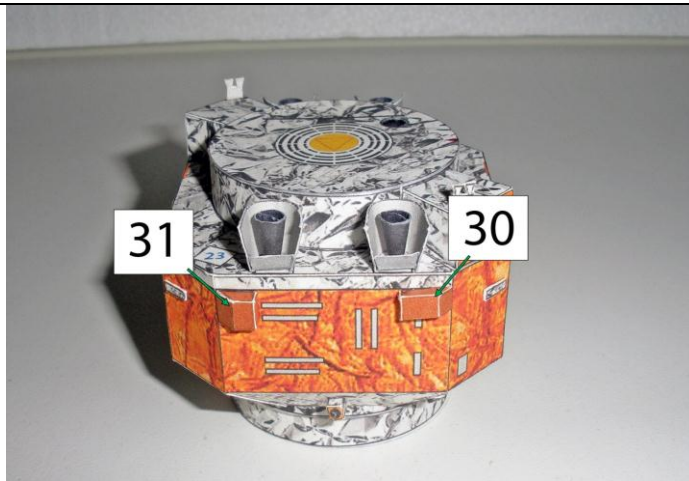


Glue onto the Orange line on both 19 and 20.



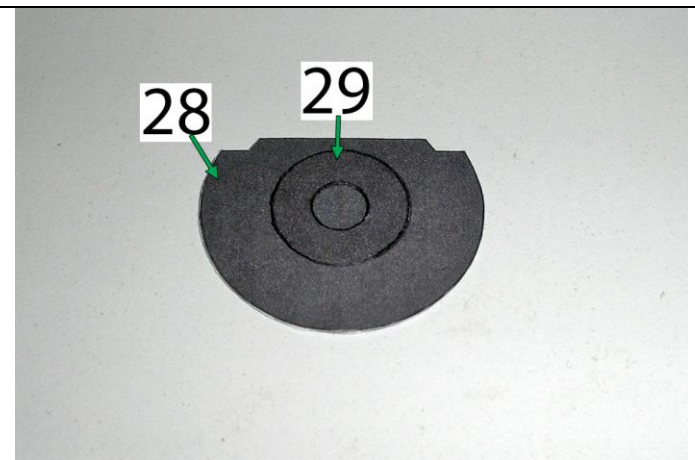
Make four of these.

Glue onto their labeled areas on the bottom as shown.



Glue 30 and 31 in the positions as shown.

Glue 23 onto their labeled areas with the Orange line towards the outside, glue 24 onto the Orange line on parts 23.

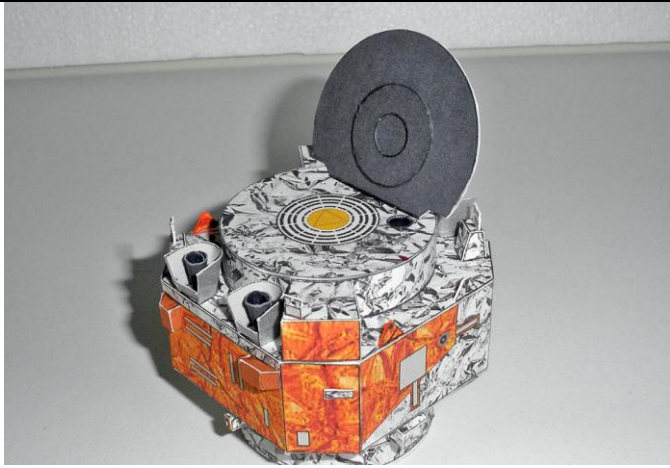


Glue 25 – 26 onto the thick black lines at edges on the bottom, 25 is glue over the Orange area and 26 over the silver foil area as shown.

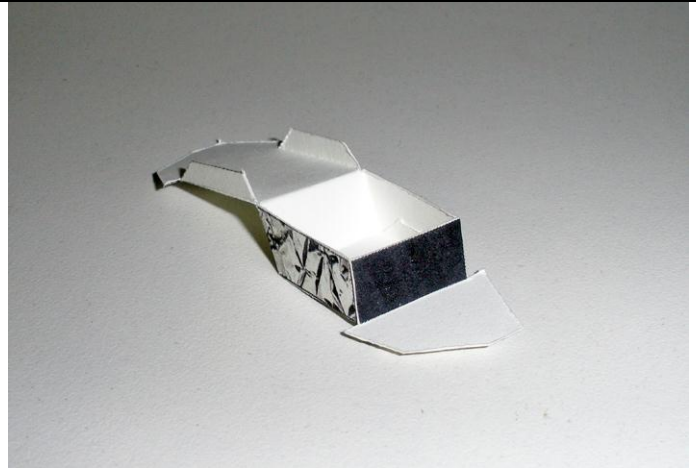
Do the same for the opposite side on the bottom.

Fold-glue 28 back-to-back.

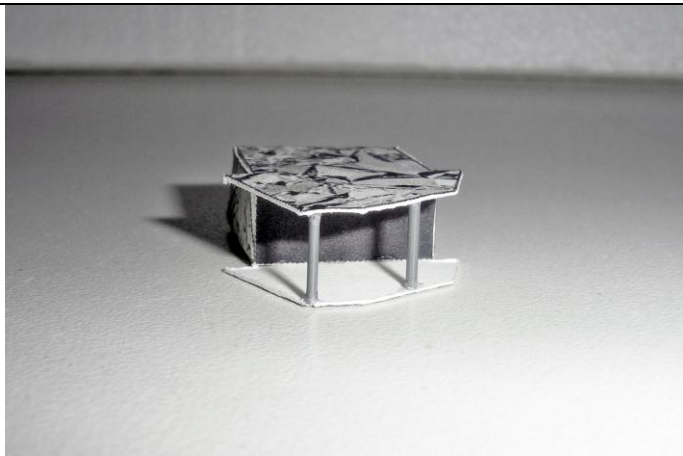




Glue onto the thick Black line as shown.



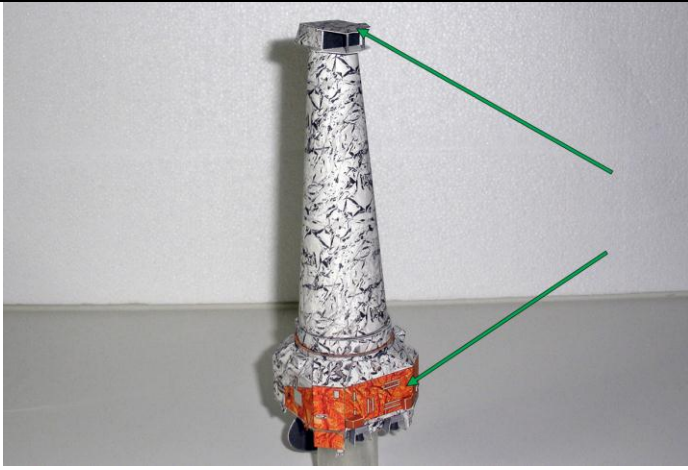
Part 33



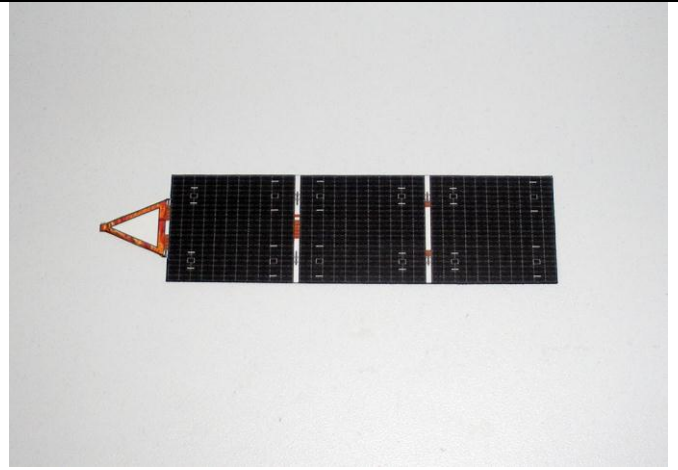
Prepare two plastic broom straws or similar material according to instructions on page 3 on the parts file, glue in the locations as shown.



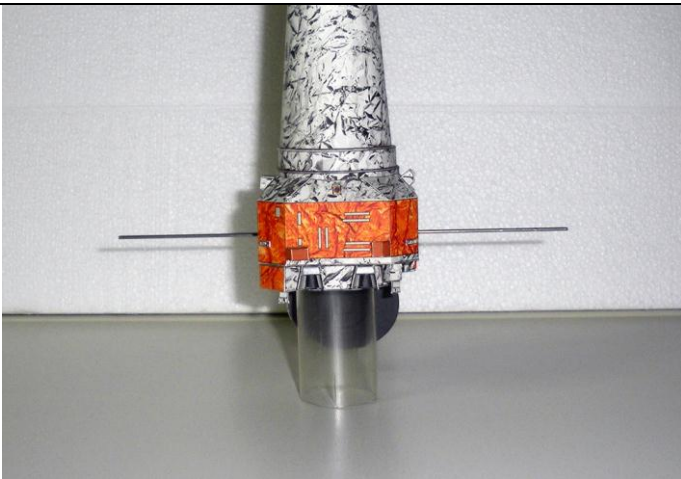
Glue 34 onto the top of 35 and glue onto the body.



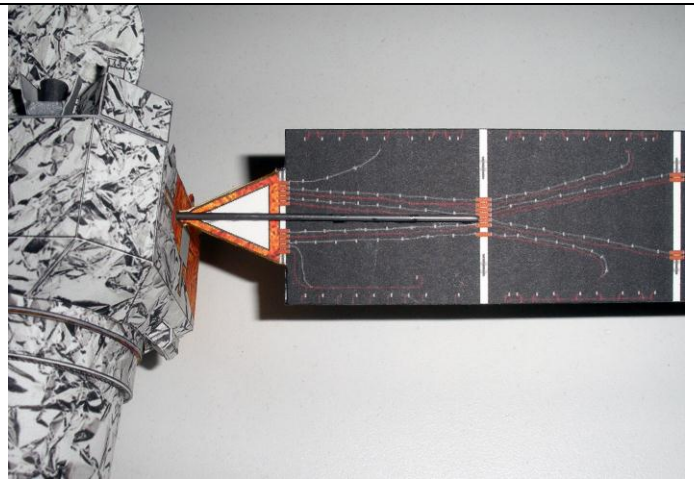
Glue part 33 to the top  
**NOTE:** the angled end on 33 is located on the same side as the orange foil side of the body.



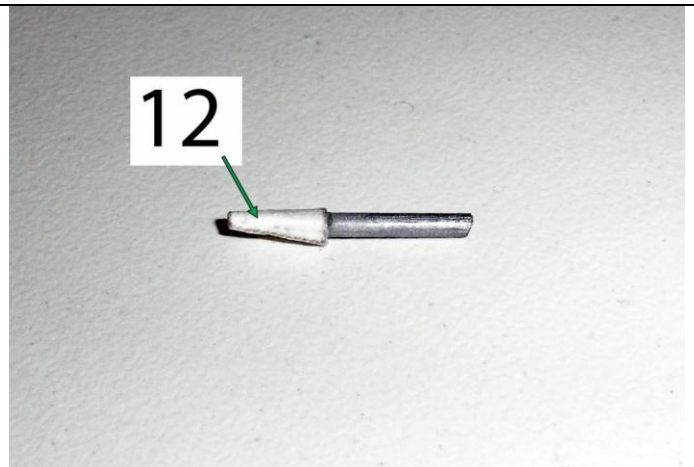
Fold-glue each solar array back-to-back.



Prepare the solar array support rod according to instruction on page 4 on the parts file, slide through the body from the two holes.

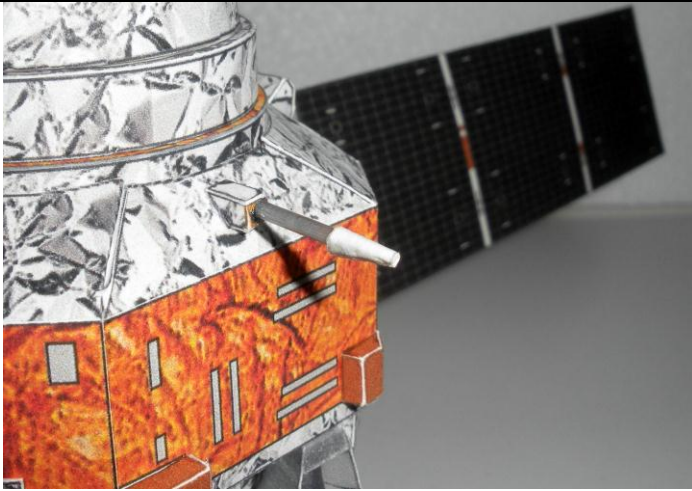


Glue each solar array to the rod, use the grey at backside of the solar array to ensure a straight installation.



DETAILED Version...  
 Prepare two short rods according to instructions on page 2 on the parts file, glue 12 at one end as shown.  
 Make two of these.





Your model is done.

Glue each onto the black dot on parts 11 on both sides of the body.

NOTE: you can use the easy version of this instead of the detailed version.

