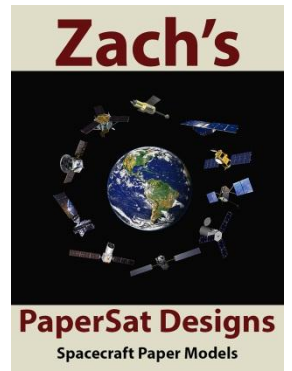
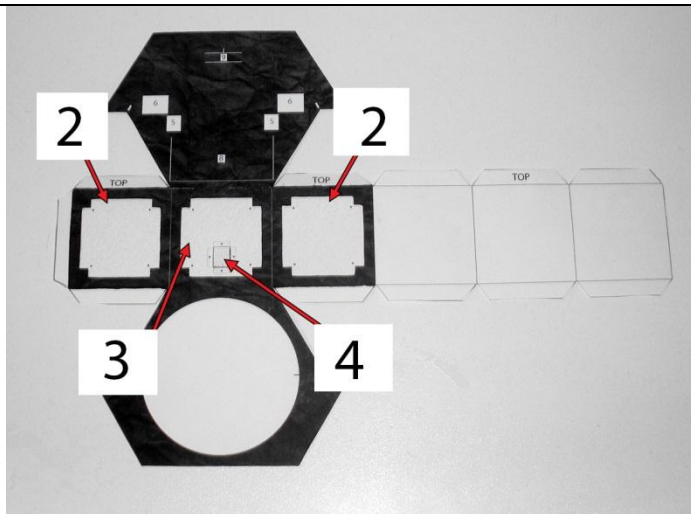


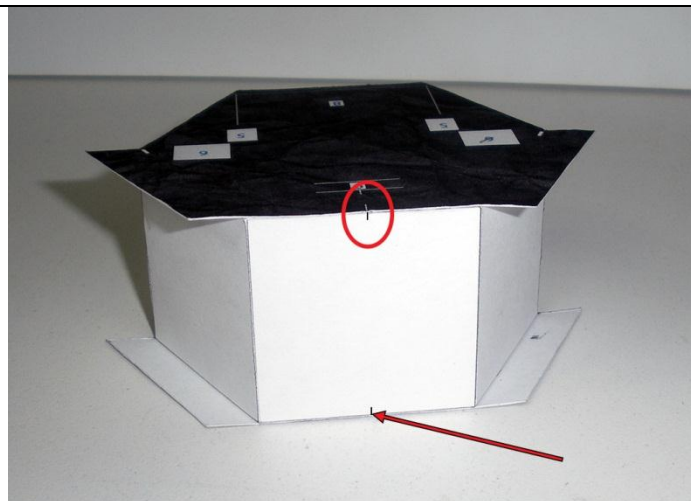
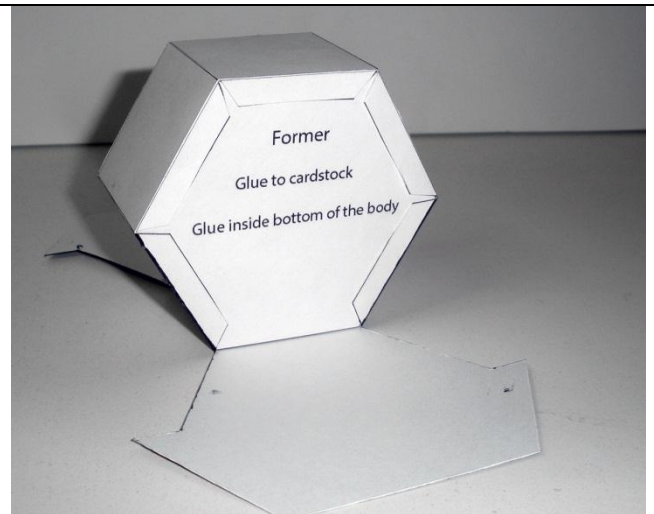


# CHEOPS (The CHaracterising ExOPlanet Satellite) 1/20 Scale Paper Model Instructions

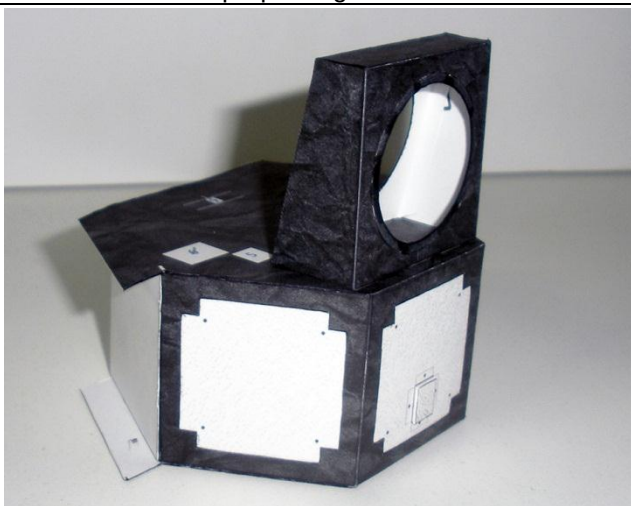
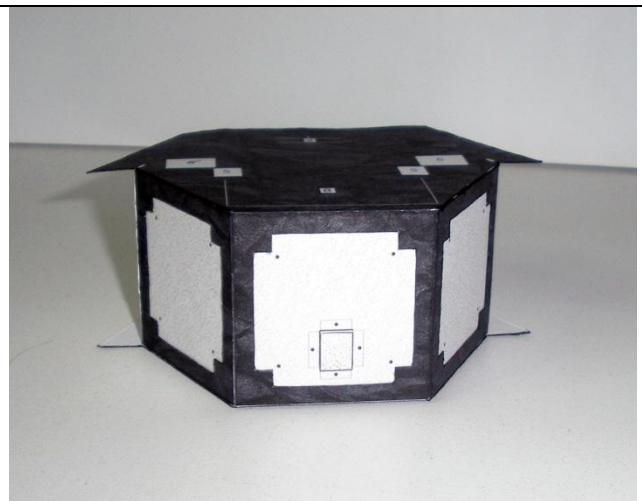




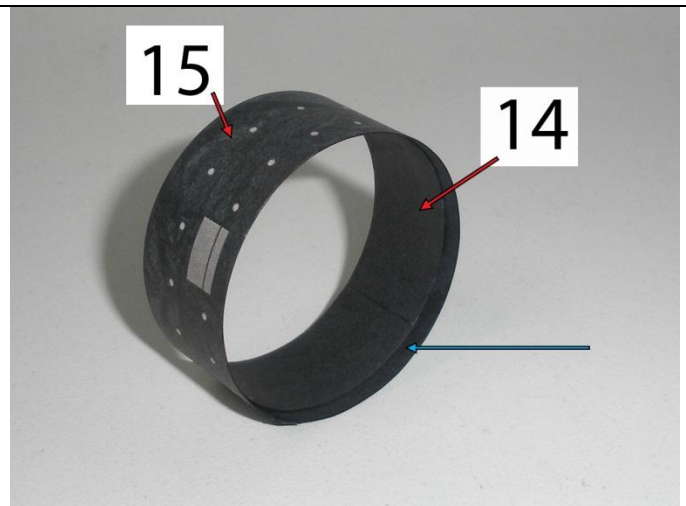
Glue **Parts 2-3** to the backside of the body over the areas you cutout.



Close to a box, match the lines on the top and bottom to the lines on the back for proper alignment.



Glue **part 8** on the three lines on the top as shown,

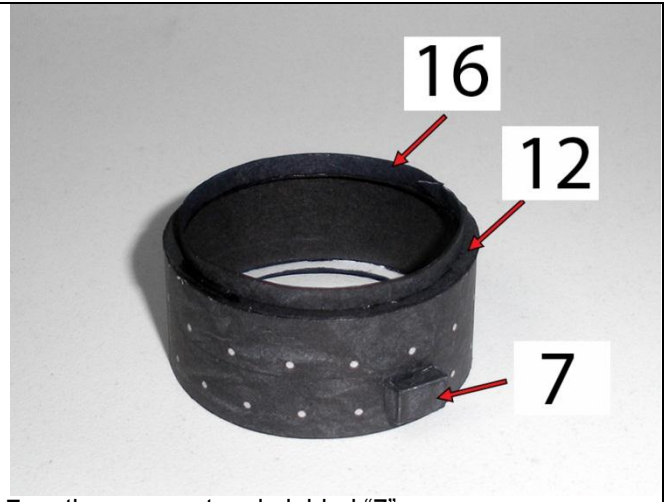


Color the backside of **15** Black around  $\frac{1}{4}$  inch from the Front edge (Blue arrow). Note the position of the grey dots on 15. Glue **14** inside of 15 at the back edge as shown.

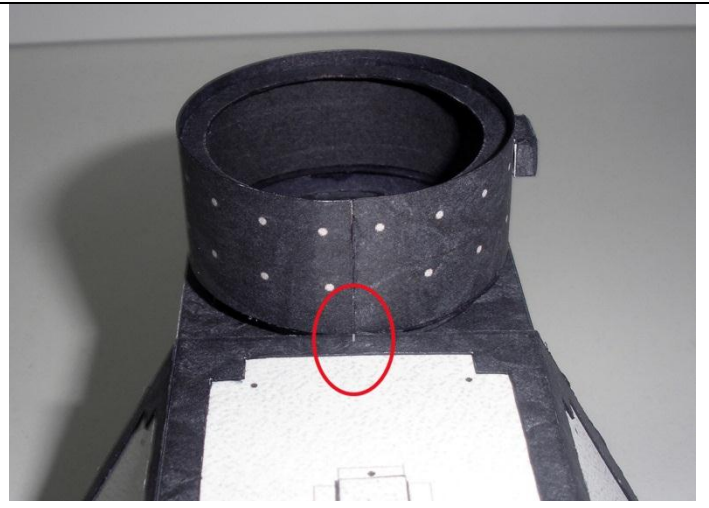
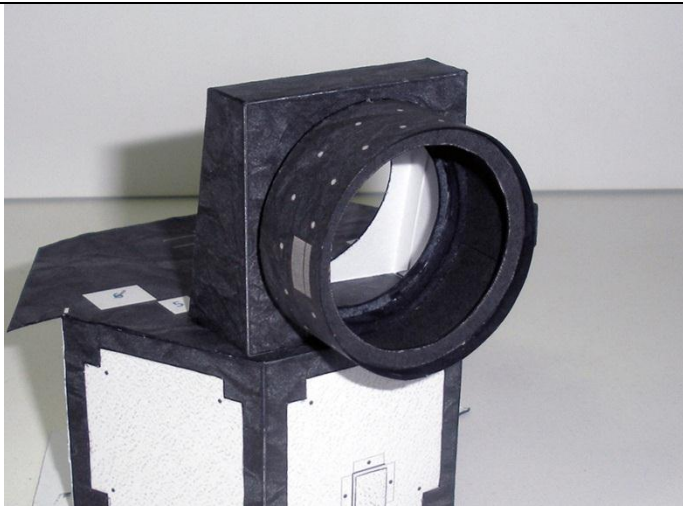




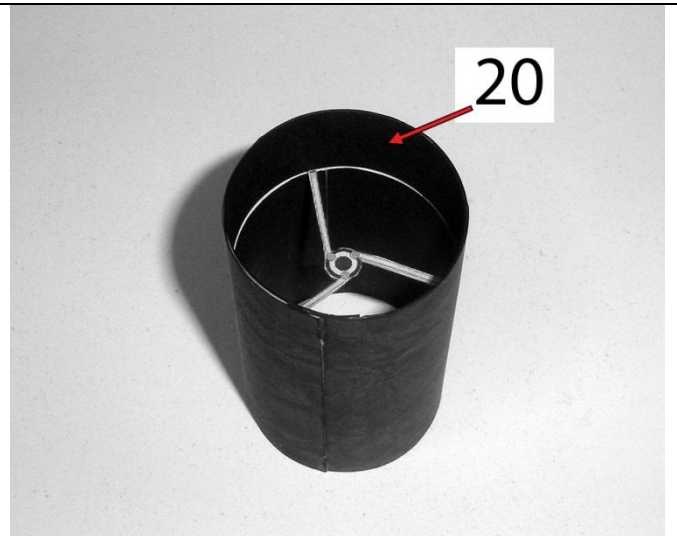
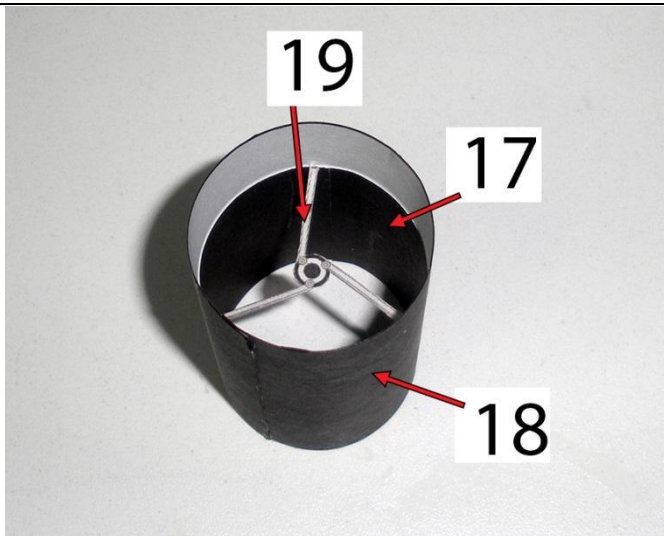
Glue **13** inside the front edge against 14 as shown.

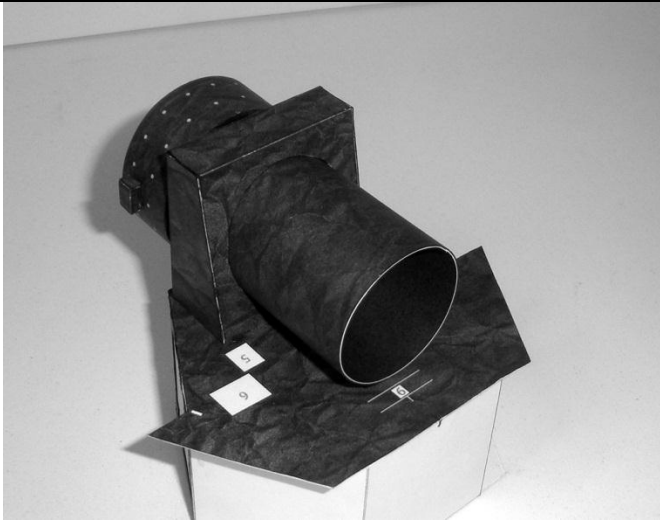


Glue **7** on the grey rectangle labeled "7"

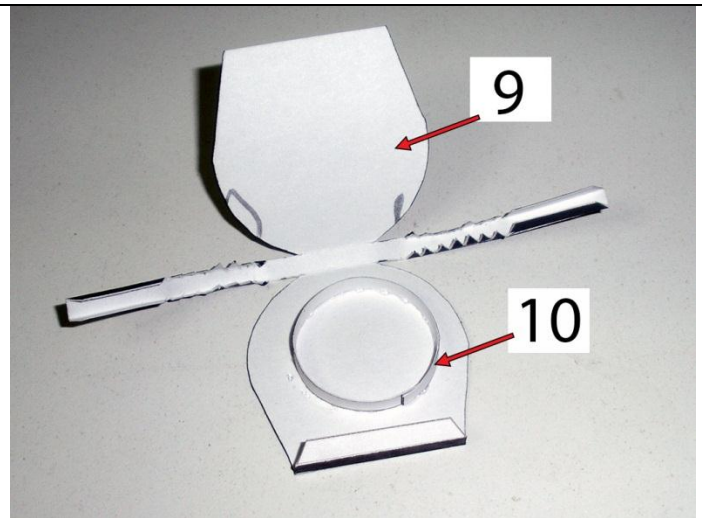


Match the seem to the grey line as shown.

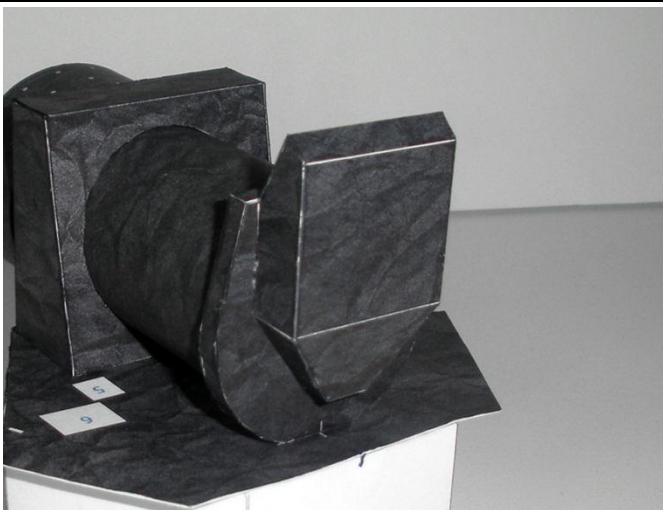




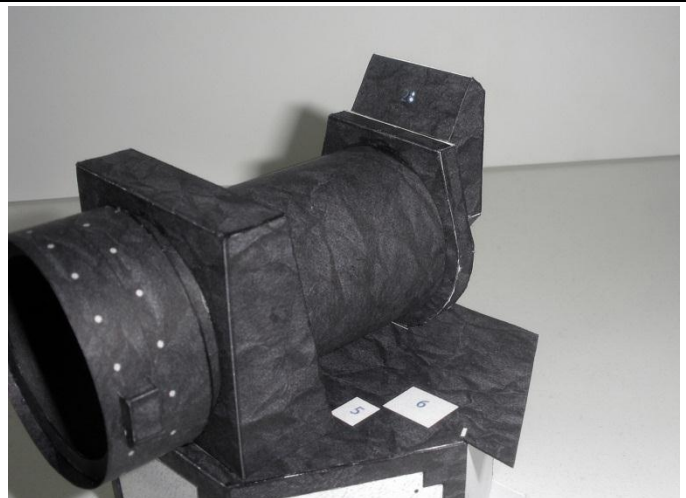
Slide the telescope into **part 8** from the backside with the seam at the bottom and **Part 19** towards the front – no need to glue.



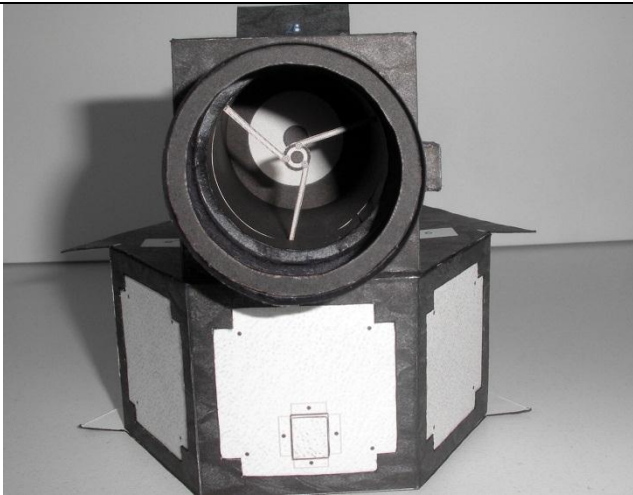
Glue this onto the two lines at the back end, match the two markers as shown. Glue the back end of the telescope onto the front side of **Part 9**.



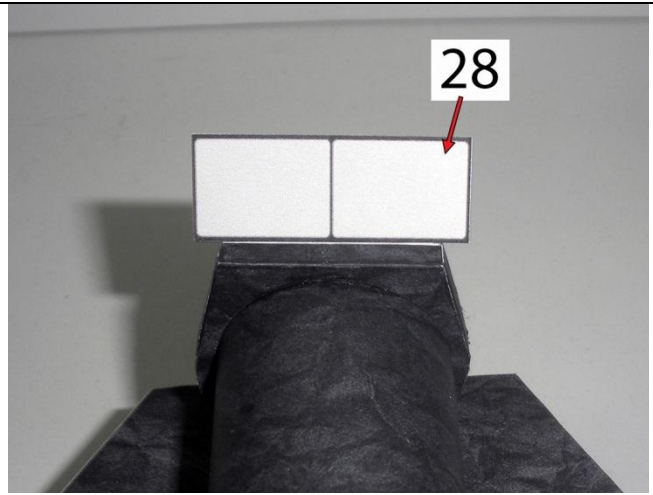
Glue **Part 11** onto **Part 9** as shown.



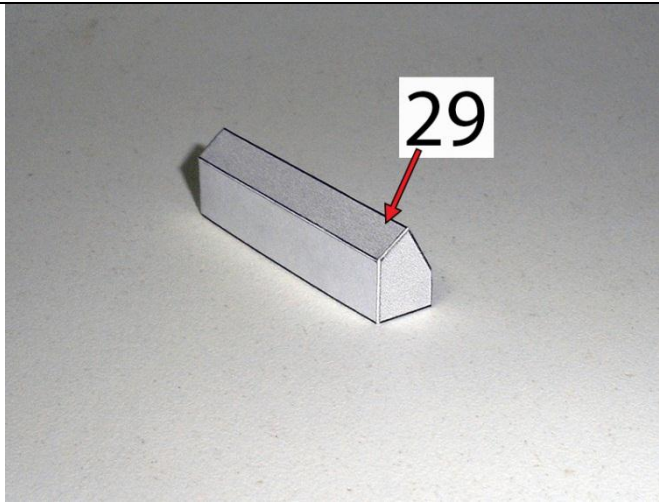




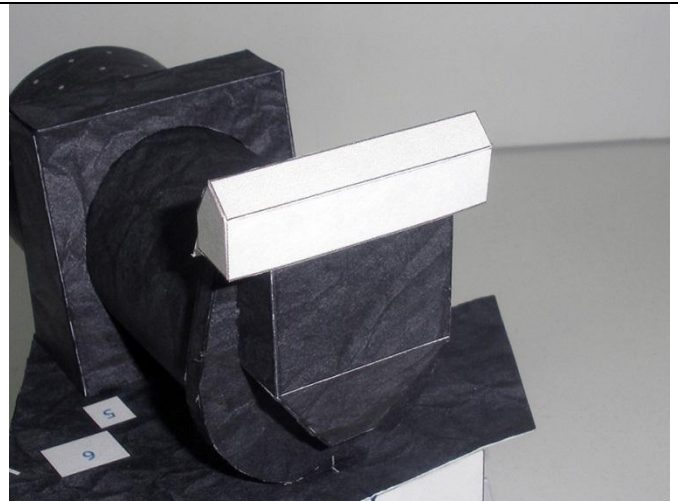
Everything should look like this.



28



29



5

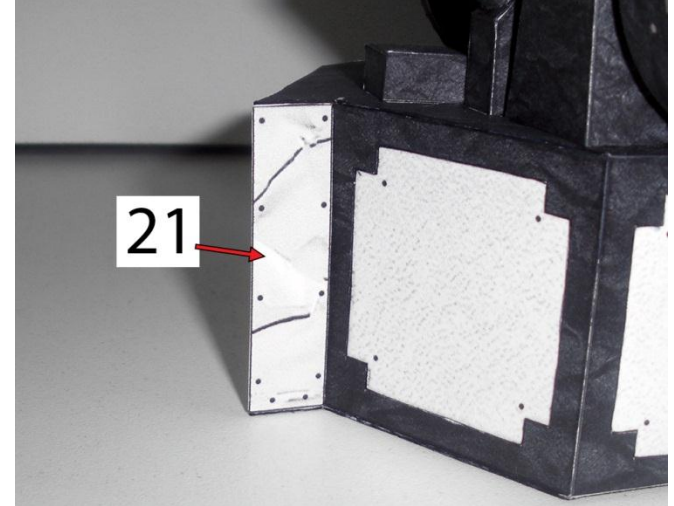
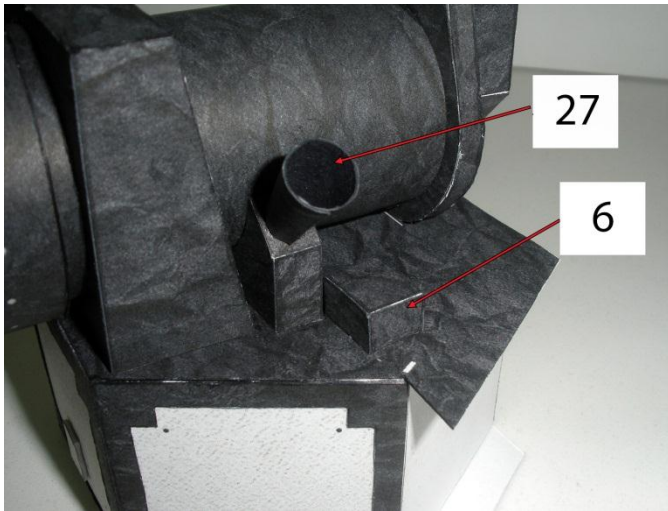


Make two of these.

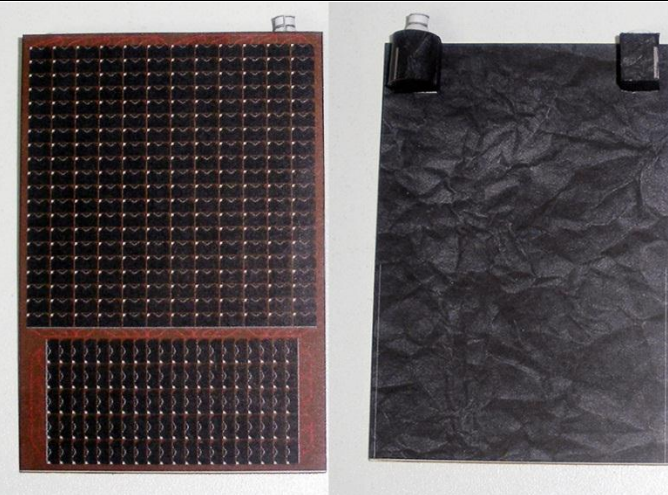




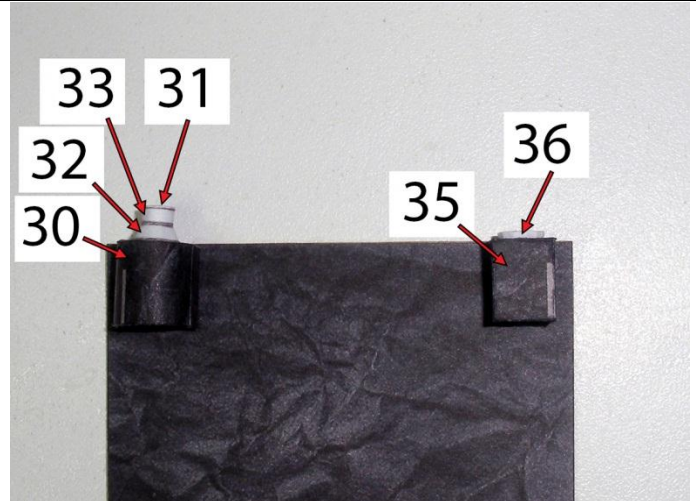
Glue onto the square area labeled "5" as shown.



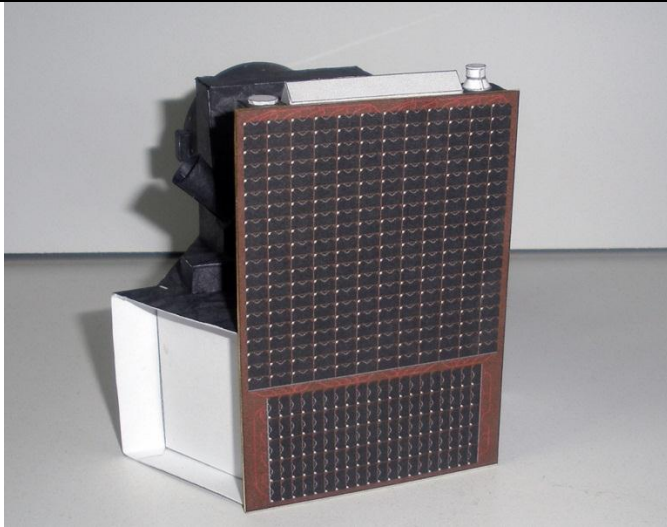
Do this on both sides.



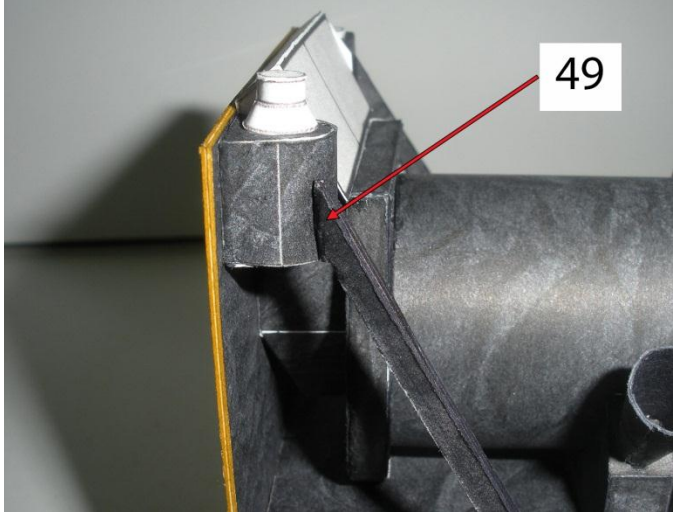
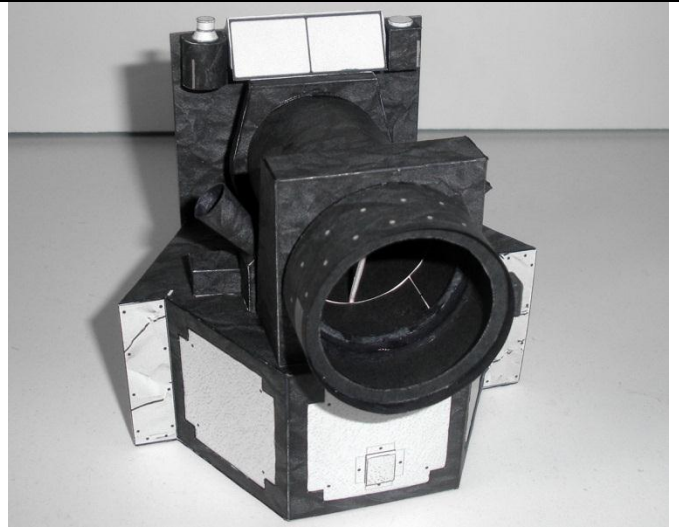
Glue **Parts 53 and 54** back-to-back.







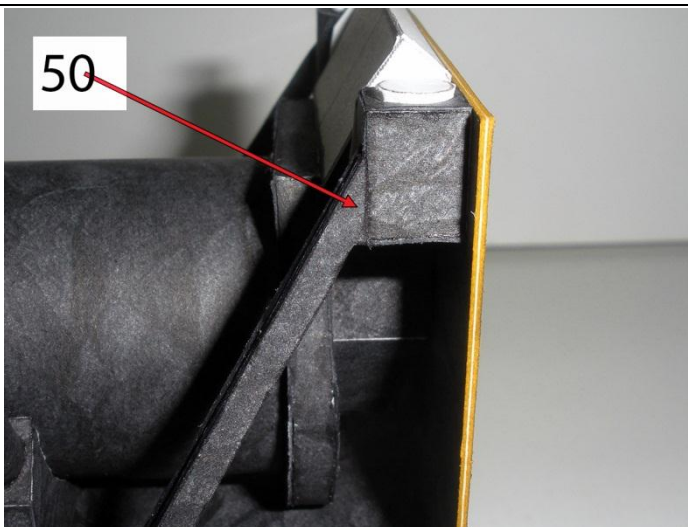
Center onto the back of the body (use the grey lines on backside of the solar panel as a guide) and glue in place. The bottom of the solar panel is flat with the bottom of the body.



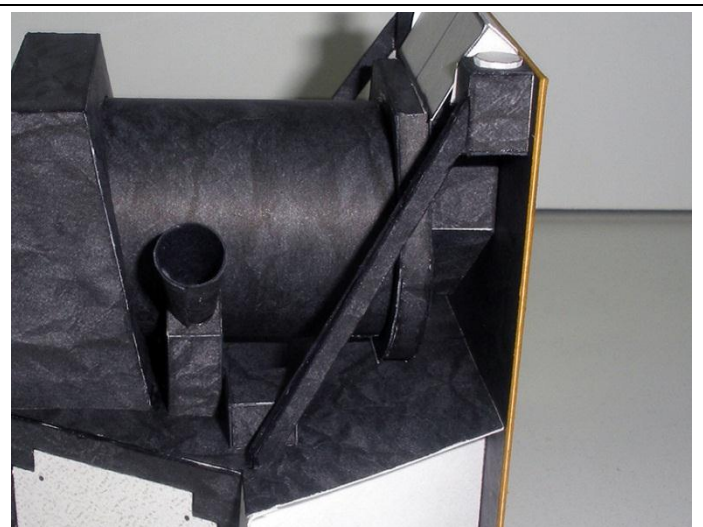
Glue the Large end of Part 49 onto the thick grey line as shown.



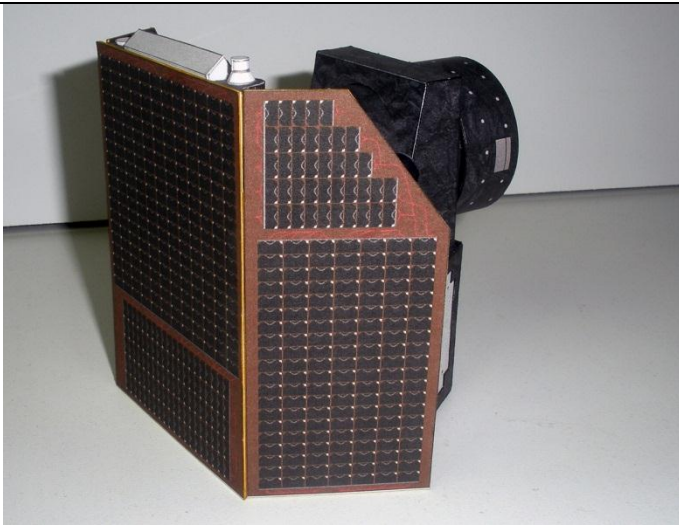
Bottom end is glued to the small white marker on the bottom



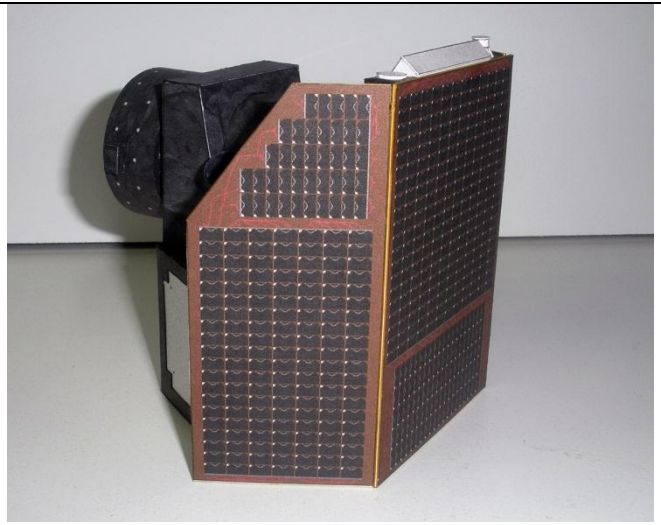
Glue the Large end on Part 50 to the thick grey line as shown.



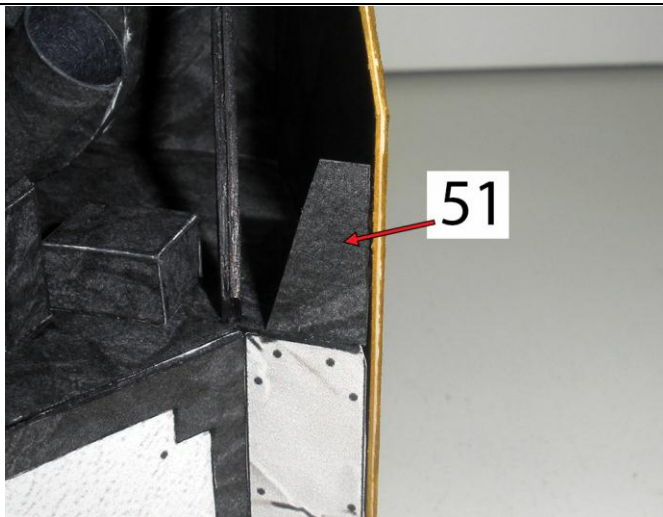
Bottom end is glued to the small white marker on the bottom



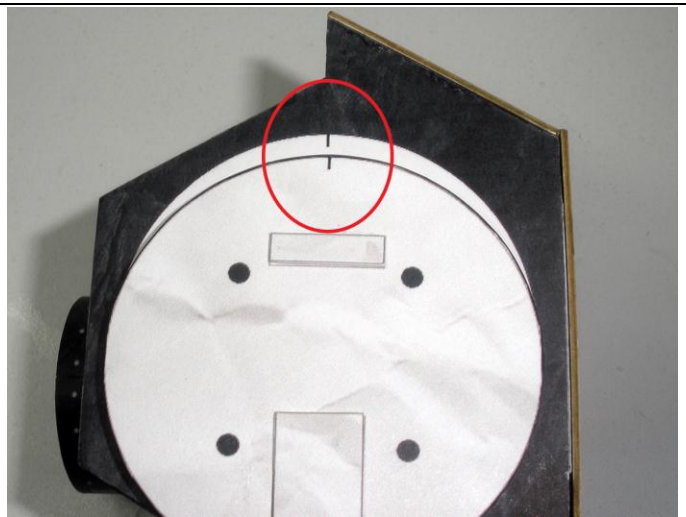
Glue **Parts 57 and 58** back-to-back, glue onto the body as shown.



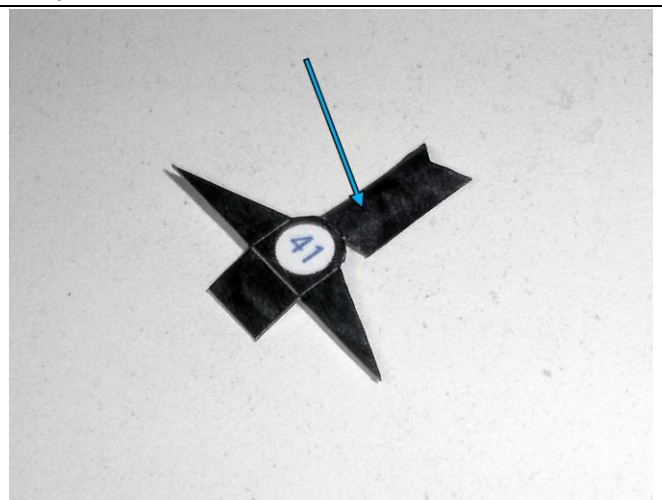
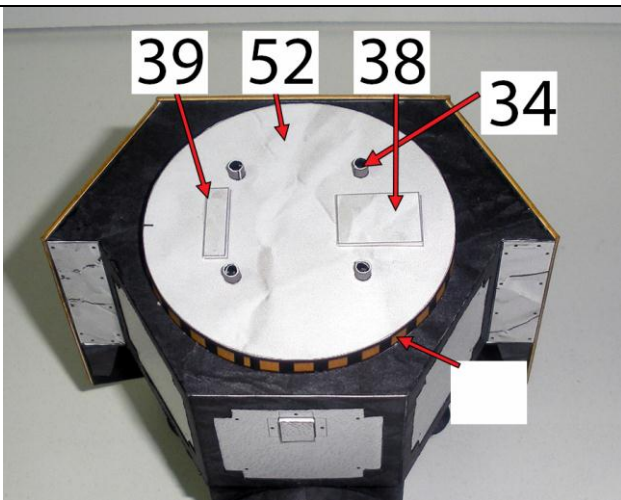
Glue **Parts 55 and 56** back-to-back, glue onto the body as shown.



DO this on both sides.



**Part 52** fits inside of the ring (**part 37**) Glue to the bottom of the body, Match the two markers.

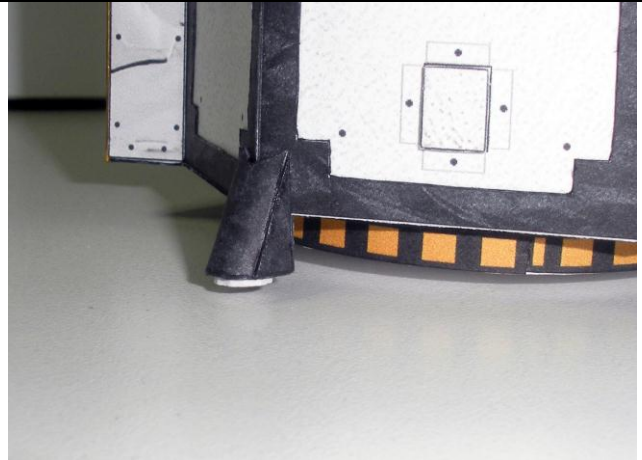


**Part 40**, add a curve the area (blue arrow) by wrapping it around a shewer.

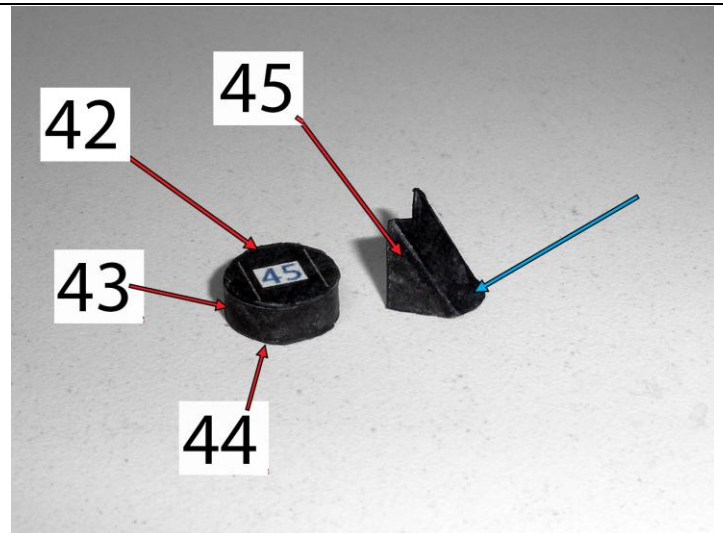
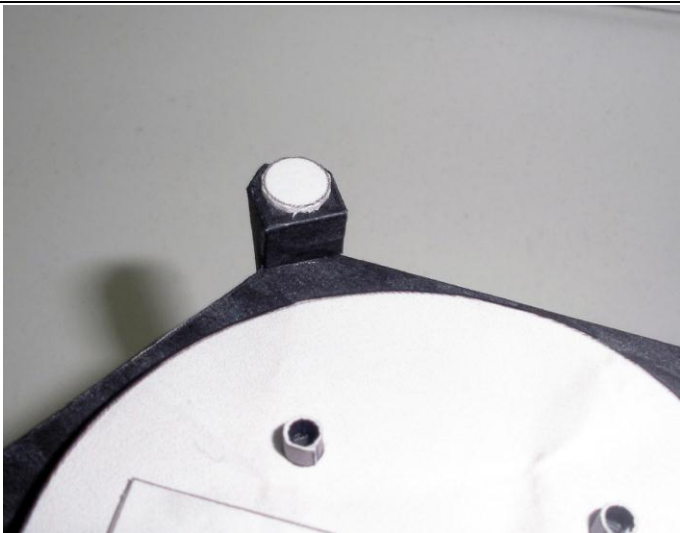




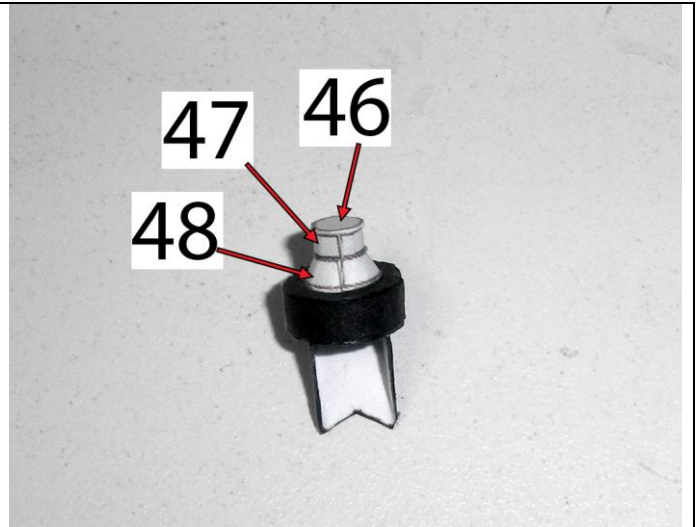
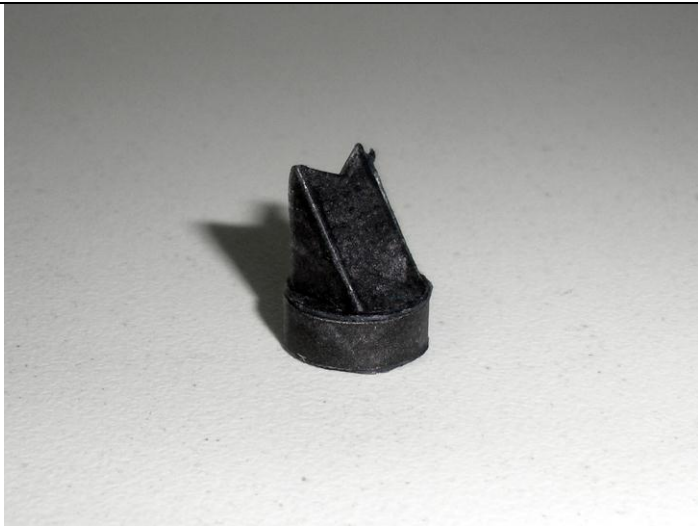
Glue **Part 41** to the bottom of 40.



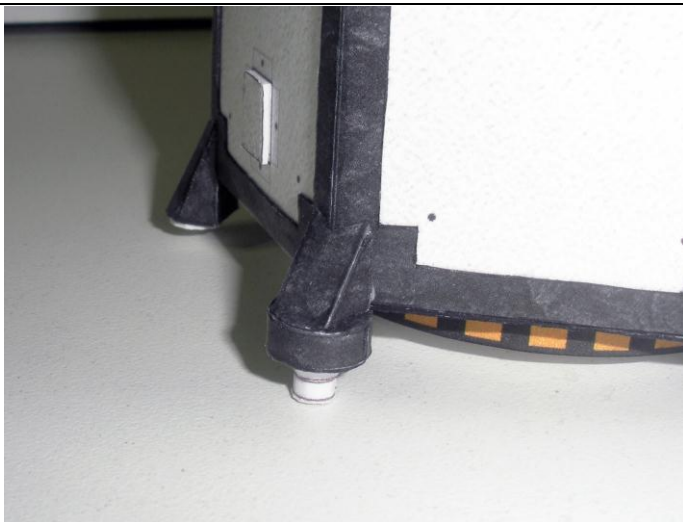
Glue to the LEFT bottom as shown.



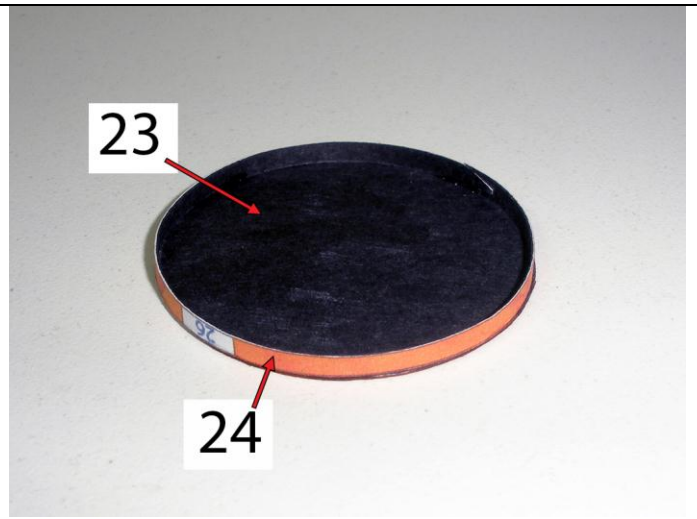
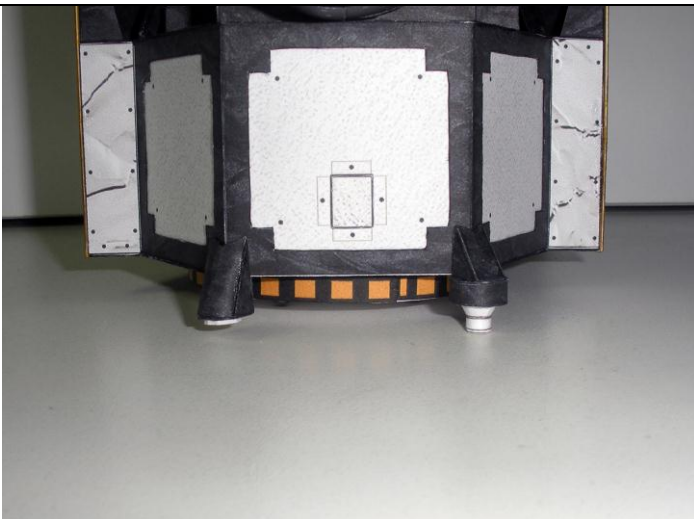
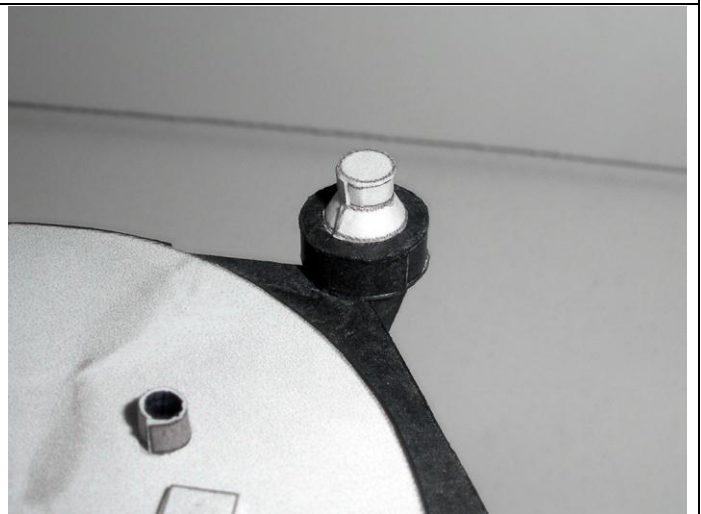
NOTE; roll the curve area at bottom of **Part 45** (blue arrow) UP so it can sit flat on the table. This match the real thing on the spacecraft.



Glue these to the bottom labeled "48"

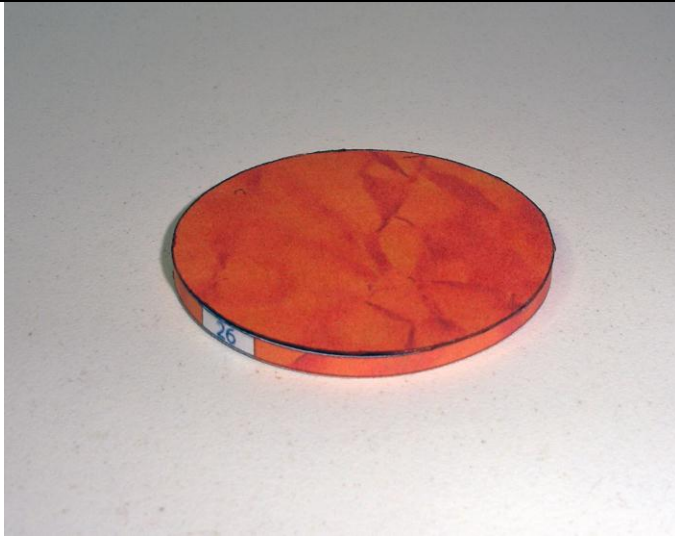


Glue to the bottom RIGHT as shown.

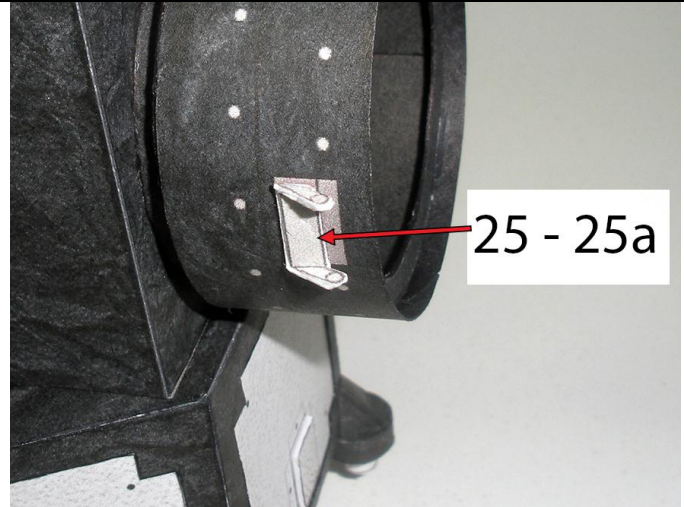
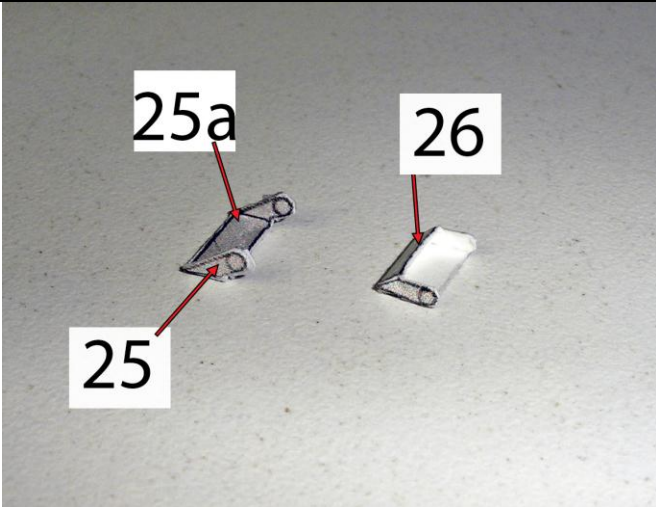


Glue 24 onto the backside edge of 23.





Carefully cut only  $\frac{1}{2}$  way onto the ring (Part24) as shown. Cuts should be around 4mm apart. DO not cut close to the area labeled "26".



Part 25a is glued inside of Part 25 for strength.

Note the hinges points towards the front.



Glue 26 to the cover, note the hinges points towards the backside of the cover.

Glue together as shown.

Your model is done.