

# Stoneage Scooter



A card model kit based loosely on the above scooter image

Design and layout of kit by Ashrunner

# Instructions

This model is best made when printed on a card stock in the neighborhood of 65 lbs. However, you are free to use any thickness you want.

Also, this model uses connecting strips to form pieces. Each part which requires a connector, has the appropriate connector located near it.

Assembly of model is rather straight forward. Pieces are assembled then glued together to form the final product. Use white glue, similar to Elmer's or Aleene's for construction. Also, the parts for the front wheel and back wheel are of different sizes and not interchangeable. Be careful not to mix the parts or the fit won't be right.

1. Locate the six similar parts labeled rear struts. Cut out each part. The two colored parts should be glued to the uncolored part. When both parts are finished, put aside.
2. Do the same for the six similar parts labeled front struts.
3. Locate the part labeled back wheel and cut it out along with its connector strip. Cut out the center section marked with the X. Glue one half of the connector strip to the end of the wheel strip. When it is dry, roll the wheel strip to a curved strip. Glue the other half of the connector strip to the other end of the wheel strip. Place a thin line of glue around the circular wheel strip on both sides and fold each wheel plate down. They should just fit on the circular strip. You may need to "form" the wheel a bit with you fingers by gently rolling the wheel in your fingers.
4. Do the same for the part labeled front wheel.
5. Locate the part labeled back axle and carefully cut it out, along with its connecting strip. Glue one half of the connecting strip to either side of the axle. Using a round wooden toothpick, or a straightened out paperclip, pre-roll the axle part around the object to give it a tubular shape. Make sure the connector strip is also rolled. You may have to rub off some of the connector strip to make it easier to work with. Glue the free end of the tube to the connector strip. Place a small amount of glue on the ends of the tube and fold the end caps down. Place with the rear wheel and let dry.
6. Do the same for the part labeled front axle
7. Take the rear axle and slide it into the hole in the center of the rear wheel. You may have to twist the axle to get through. Slide the axle through until equal amounts show on either side of the wheel.

8. Do the same for the front axle and wheel.
9. Locate the part labeled headlight and carefully cut it and its connector strip from the cardstock. Glue half of the connecting strip to either side of the headlight part. Using a rounded toothpick or straightened paperclip, place the object under the connecting strip even with the center of the headlight strip. Apply pressure with your finger or thumb to the top of the headlight cone and using your finger or thumb guide the headlight unit over the toothpick or paperclip in an arcing movement following the design of the part, first in one direction and then in the other. Make sure the connector strip is also rolled. If done correctly, the part should now show a shape similar to a cone. Connect the ends together to form a cone. Place a small amount of glue on both ends and fold the end caps down. When finish, place aside.
10. Locate the part labeled housing top shroud and carefully cut it and its connector strip out. Glue half of the connector strip to either end of the shroud arc. When dry, using the same technique used for the headlight, "roll" the arc into a cone shape and glue the ends together. Put aside for now.
11. Locate the parts labeled handlebars and carefully cut each piece and its corresponding connector strip out. Note the squared end of the handlebars have angled sides. These angled sides when the bar is formed, rest on the housing top shroud and keep the bars straight. Glue half of the connector strip to either side of the handlebar part. Using the toothpick or paperclip, roll the bar, along with the connector strip, into a tube shape and glue together. Again, a small amount of the thickness of the connector strip may be removed to help make the bars. Place a small amount of glue on end with the round endcap and fold the endcap over the end. Place the bars aside to dry.
12. Locate the part labeled front fork housing and cut it and its connector strip out. Connect half the connector strip to either side of the housing strip. Roll the housing strip into a tube and glue together. Place aside to dry.
13. Locate the part labeled shroud top and cut the disk out.
14. Locate on the disk, the two thin lines on opposite sides of the disk from each other. There is a third line on the disk. It is thicker and used for something else. Do not confuse this thicker line with the two thinner lines. Take one of the handlebar parts and place a small drop of glue on the top of the squared, uncolored tab. Using one of the two lines as a guide, glue the tab area only on the handlebar to the bottom side of the disk in line with either of the reference lines. Do the same on the other side with the other line. Put aside.
15. Take the front fork housing part and place a line of glue around one end of the tube. Locate the housing top shroud part and glue it to the housing fork housing. When attaching the two pieces, line up the connection lines with each other, and then place together.
16. Locate and cut out the part labeled housing bottom.

17. On the disk are three lines. The two lines opposite each other are for connecting of the front struts. The third line is an aligned mark for the front fork housing. Place a small amount of glue around the bottom of the front fork housing unit. Take the housing bottom disk and using the third alignment mark, line it up with the line formed by the connected parts on the housing unit and glue in place with the colored side showing.

18. Using the same alignment technique, glue the shroud top/handlebars to the top of the front fork housing.

19. Locate the headlight part placed aside earlier and put a small line of glue on the connecting line of the headlight. Line up the headlight's line of glue with the connected strips of the front fork housing and glue centered on the shroud top with the yellow colored end facing away from the alignment strips. Place the front fork unit aside.

20. Carefully cut out the body part of the scooter. Also cut out the two strips of cardstock nearby. On the side of the scooter body is a gap. Glue half of one of the strips to either of the uncolored sides (opposite side) of the triangular gap. Push the two sides of the body together to form a bulge and glue the other portion of the strip to the body. Do the same on both sides. When finished, the sides of the scooter should have a slight bulge. Fold in the tabs on the sides of the center strip and glue them around the body.

21. Place a line of glue around the curved portions of the front end of the scooter. Take the front fork housing and place it in the curved areas. You can canter it off to either side, but make sure the strip where the two sides of the housing are connected do not show.

22. On the bottom side of the squared end of the body of the scooter, locate two marks. Those two marks are reference marks for the rear struts. Locate the two rear struts (the longer of the two sets) and glue one strut to each mark.

22. On the bottom of the front fork housing, located two marks opposite each other. Using these marks as reference, glue the front struts to front fork bottom.

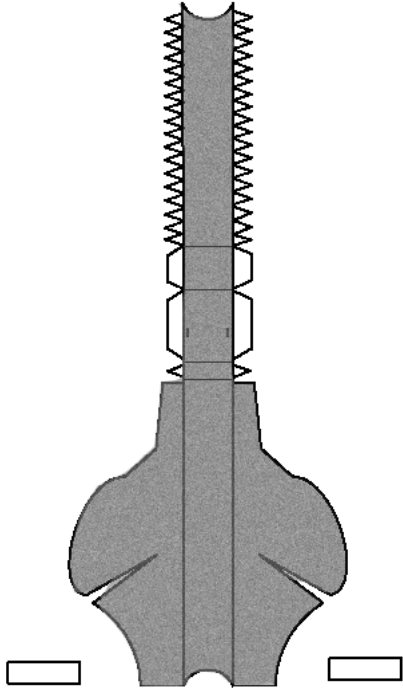
23. Carefully glue each strut to the axle of each wheel. Remember the larger wheel is the rear wheel.

You have now finished the third model designed by Lauren Sobkoviak, a.k.a. Ashrunner.

Now, I know what you are all thinking..."Well, this is great. The stupid thing won't stand up on its own." You are correct...it won't. However, I left it up to you the builder to design the style of stand for it you want. You can glue it to a colored base to make it stand, you can make a kickstand style stand out of a clear piece of transparency paper, you can make a cradle for one of the wheels...it is up to you depending on how you want to display the model.

Good luck and have fun!

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Glue struts to areas marked on body and housing bottom

