

Tesla Model S

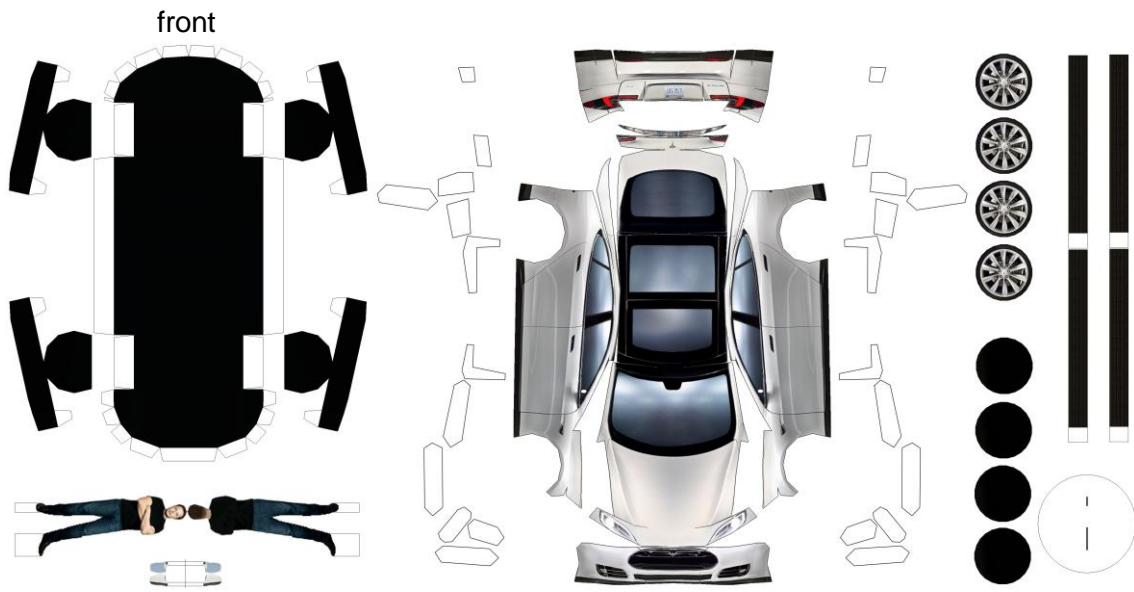
paper model

1:96 & 1:100 scales



1:96 scale

10cm



1:100 scale

10cm



Assembly instructions

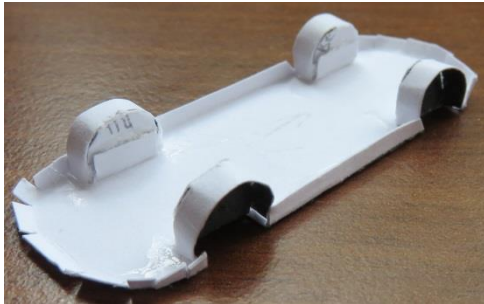
This paper craft was designed for 1:96 and 1:100 scales usually used for spacecraft paper model displays. Accordingly it is not detailed enough for larger sizes, however one can experiment with scaling it up to 1:48 or even larger. For the good quality of the model I recommend to print it on cardboard, the one depicted on the cover page was printed on a 200grams/m² cardboard. Printing on a thick paper like this requires a different technique for putting together the parts. For 90° folds, flaps are used, however for the rest separate connector strips are used to connect the adjacent parts on a different layer. This gives better looking results on thick paper. The connector parts positions are shown here:



Where no connector is given, just make a cut, and the adjacent flap serves as a connector.

Steps:

1) Cut out the whole bottom part with its flaps. The front side is indicated. Cut slightly into the surface where the flaps and the part connects with a box cutter (use the same method later when a 90° or more fold is needed), this helps for easier bending. Cut out the fenders and glue to the bottom using the flaps.



2) Cut out the wheel parts. First make the tread by bending it to a curved line and glue the ends using the flap. Glue the front and back face, here just glue it to the edge, here no flap or connector is needed. Place the wheels into position after everything is completed.



3) Cut out the car body, and give every part its proper curvature in a way that every edge touches. Using the connectors glue every part together.



4) For the mirrors pinch and cut a hole at the place marked with a white dot, pull through the flap in the hole and glue it in the inside of the car body. The same technique is used with the figure of Mr. Elon Musk.

Have fun!