

Welcome to Bargain Wheels. This product is designed along the same lines as The various paper model sets produced by Microtactix, as well as the many layout mapboards and cardboard counters now representing a significant portion of the miniatures market. Until now, these many products have essentially represented either living creatures or standing structures.

With this product, we also introduce modern vehicles. Unlike the few other products presenting modern vehicles, ours also represents a hobby unto itself; paper modelling. This means that the end result is that you will have paper models that often include many of the major contours and curves that exist in the vehicles they represent. However, with the realization that not everyone is equally skilled at cutting or folding paper, Each set does include some more simplistic vehicles to get you started right away. Each model is scaled to 30mm, making them compatible with the bulk of miniatures available, as well as with other similar products.

To construct these cars, we suggest building a small box chassis of cardstock and the body of the vehicle on heavy paper in order to give yourself the most bang for your buck. Wheels should also be made of cardstock, or reinforced. Additionally, if you want rolling wheels, they are quite easy to do. Straws and coffee stirers.. Attach one tire to the end of a stirrer, cut stirrer to length, cut a length of straw to pass over the stirrer, attach the tire to the other end of the stirrer, and attach the straw to the chassis of the paper model. Additionally, to prevent the vehicles from being blown away with the wind, they can be weighted down by taping pennies inside them during construction.

Also, as the paper miniature models become more complex, you can use thinner or lighter paper. For example, the Citroen Type H delivery van is a simple design with few folds or layers, so using cardstock is

appropriate to strengthen it. The Peugeot 206 Coupe, on the other hand, is a very complex model presenting an open convertible with a 3D interior. Between tabs, interior and exterior walls and glue, using plain general purpose inkjet paper will be the best choice, because the layers strengthen it while at the same time more easily allows the necessary precision cutting and folding it requires.

Now for the last and most important note. These paper miniatures will be a challenge to build, rather like the challenge of giving a metal mini a decent paint job. It will be natural to try to fold everything flat. You need to make an effort to keep in your mind the fact that these miniatures are meant to take a flat piece of paper and turn it into a 3D object without relying exclusively on right angles and straight folds. There will be a lot of places where the cuts and folds are meant to make the paper curve and bubble. Go with it! Don't try to fix it! It's likely supposed to be like that!

These paper models are done in an interesting fashion, using CAD software. By taking 5 views of a vehicle (front, back, top, and left/right sides), it is possible to have software calculate the curves and apply the entire 3D object onto a 2D surface, which is then scaled and carved up to fit on letter-sized paper. Vehicles like convertibles use two sets of 5 images, one for the exterior and one for the interior. The images used can be photographs, illustrations, technical drawings or blueprints. It is also possible to do this work completely by hand, but let me tell you, a computer can do in 2 hours what takes me about 6 weeks by hand. I've been designing and building paper models since I was 4, so there are nearly 3 decades of them waiting to be published. However, I'll spare you the ones that were kiddy toys...

In this volume, we give you enough material to build a dozen vehicles of nine different types.

2. Glue in the rear seats, then the front seats.
3. Construct the body sides and attach them to the interior box.
4. Fold up and glue the dash and interior windshield.
5. Construct the engine compartment hood. Note that in two corners on one end are the side view mirrors. Remember to cut out the two white areas next to the peugeot emblem on the front of the hood. Mount the hood to the body sides.
6. Build and mount the front bumper. The large black flap on the top of the bumper fits under the hood, providing a black indented field for the radiator grills beside the hood Peugeot emblem.
7. Build the trunk and tailgate. Mount to the body sides and rear of the interior box.
8. Build and mount the rear bumper.
9. Time for the undercarriage. Notice the white strip down the middle? This is a riser for strengthening the body lengthwise. It's a design legacy from when I did the model in 1/36 scale. Fold it so it rises on the unprinted side, so it would extend into the vehicle. Build the tire mount boxes and fold them over the unprinted side of the underbody. Glue in place to properly side the underbody and reinforcement fold. Mount to the body.
10. We're almost done! Build and mount, in order, the steering wheel, outside of the windshield, and the tires.

### **Honda Civic**

In the process of providing a wide variety of vehicles, one needs to pay attention to the more ubiquitous vehicles. The Honda Civic is one of those vehicles. This particular model is a 2000 Civic.

1. Build and assemble the structure from the roof, rear window, and tailgate. Then build the rear bumper and mount it to the tailgate.
2. Fold and glue the sideview mirrors. The fold and glue the body

sides. Mount the mirrors and attach the body sides to the roof/rear assembly.

3. Build the front bumper. First build the bumper grill. This is shaped like a box, with the color lining the inside of the box. Next, the lower front bumper. Cut out the white trapezoid in the middle of it. Mount the lower front bumper to the bumper grill. The bumper grill fits behind that trapezoid cutout. Use the bumper grill to contour the bumper. Last, mount the upper front bumper. Leave the two blue "tentacles" free. They are used for mounting and contouring the hood later.

4. Mount the front bumper to the two body sides. Mount the two upper bumper "tentacles" at this point, running it along the top edge of each body side.

5. Mount the hood and windshield.

6. Fold the underbody. See step #9 of the Peugeot 206 instructions. Mount the underbody to the body.

7. Last step. build and mount the tires.

### **Volvo S80**

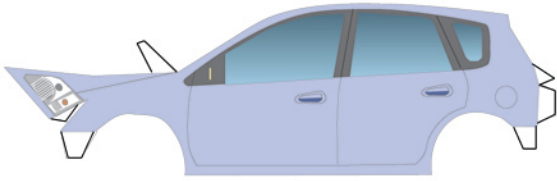
If there is one good thing about volvo, it is the fact that their vehicles are still rather blocky in their design, making for one of the simplest models possible. It breaks down to three parts to be cut, folded and glued.

1. Fold and glue the body sides and roof.
2. Fold and mount the rear window/trunk/tailgate assembly.
3. Fold and mount the hood/forward bumper.

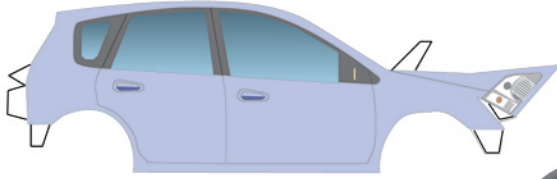
### **Messerschmitt KR-200**

I play a lot of cyberpunk genre games. That means I personally have a need for a lot of small "citycar" vehicles. The post WW-2 Messerschmitt KR-200 is one of those such "citycars". It was a small, enclosed body trike, measuring only 250 centimeters in length and seating a single rider. While the KR-200 eventually ceased production in the 1960's, the many similarly inspired vehicles, like the British Robin, provide an enduring tribute to this quirky

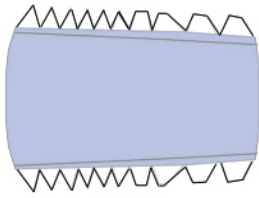
Left Side Body



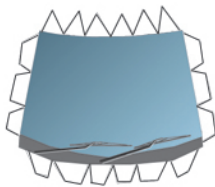
Right Side Body



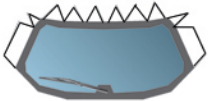
Roof



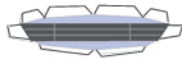
Windshield



Rear Window



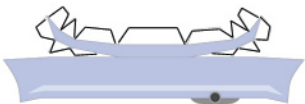
Bumper Grill



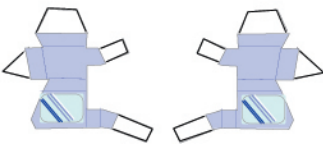
Tailgate



Rear Bumper



Side Mirrors



Upper Front Bumper



# Honda Civic

Lower Front Bumper



Tires

