

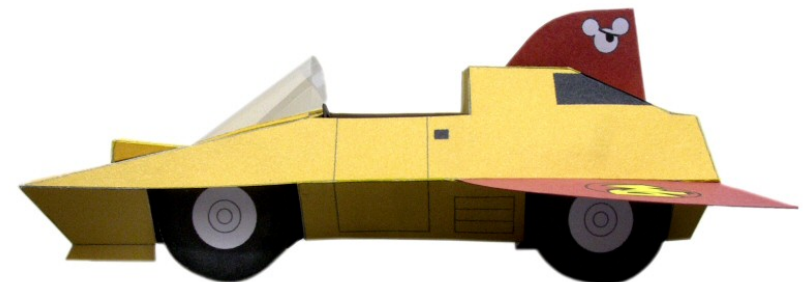
Danger Mouse Sports Car

Armada Model Designs Ltd

VA02A

This is a full-size card model kit of the sports car used by Cosgrove Hall cartoon creation "Danger Mouse". The model can be constructed with wings in either extended or retracted configuration. Wait, is that Colonel K on the video-phone giving out his latest orders? Oh crumbs DM!

Further information regarding Cosgrove Hall Films Ltd can be obtained at www.chf.co.uk.



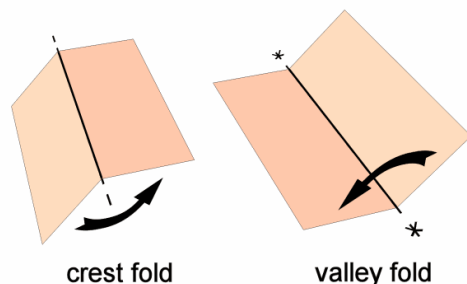
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www.armadamodels.co.uk

Instructions

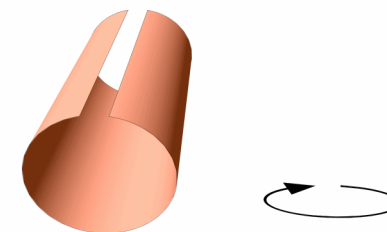
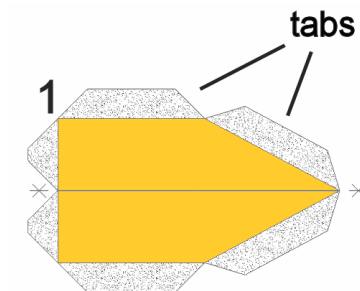
The tools required for card modelling (referred to as paper modeling in the USA) are generally to be found around the home. This model requires 1 or 2 sheets of 160 gsm white card (depending on the configuration modelled), scissors or a knife to cut out the components, a ruler for scoring straight lines and some glue (PVA white-glue, used sparingly is best but Uhu, Bostick or even Pritt Stick will do). Careful scoring of fold-lines is the key to accuracy of shape. Score-lines can be made using a pin or perhaps a blunt craft knife.

Glue-tabs are denoted by a stippled pattern. All glue tabs should be scored and folded, except for the ones on part 11 (the cylindrical surfaces of the tyres – of which there are four). Part 11 can be improved by cutting each tab off altogether and using a piece of scrap card to secure the loop. In this way, the ends can abut one another, creating a continuous surface without a step.

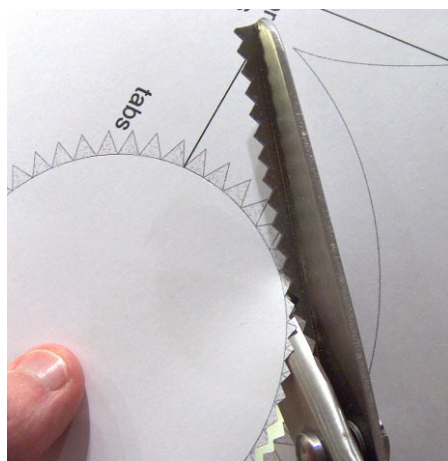


Look at the assembly diagram carefully. Fold lines will need to be scored first. Most components are folded back on themselves as viewed from the printed side (so-called crest folds). There are, however, those that need to be folded in the opposite direction (so-called valley folds). Valley folds are denoted by a cross through the guidelines adjacent to the component.

Each tyre needs to be rolled before assembly as indicated by the elliptical arrow, illustrated in the adjacent figure.



Sheet 2 contains the wings and tail fin - which are optional parts. If these components are to be used then additional slots will need cutting in parts 1 and 3. Make the slots only as long as they need to be. The slots in part 3 (the main body) are cut along the ridge from rear wheel well to a point in line with the front edge of the side louvre panel. If the wings are to be used, ensure that they are fitted before the rear wheel wells are secured in place.

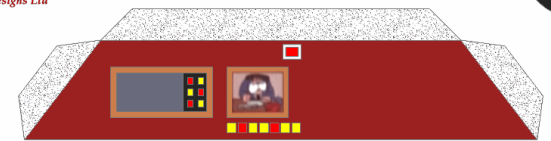
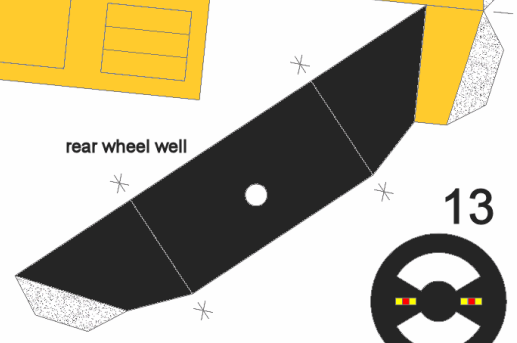
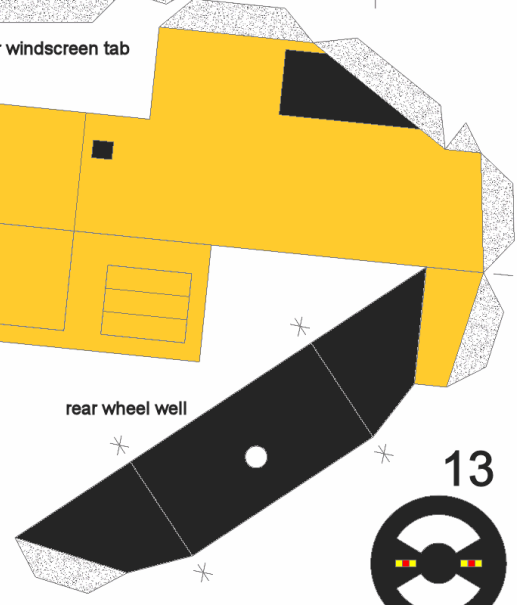
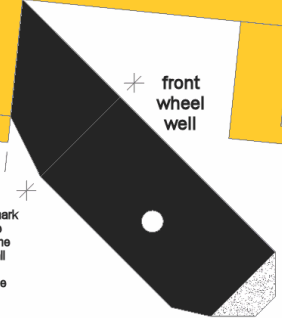
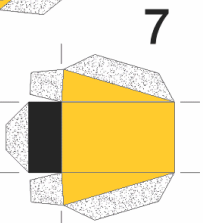
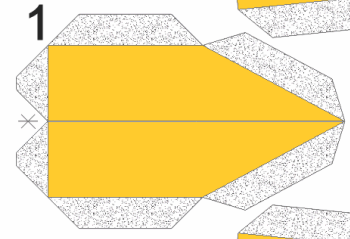
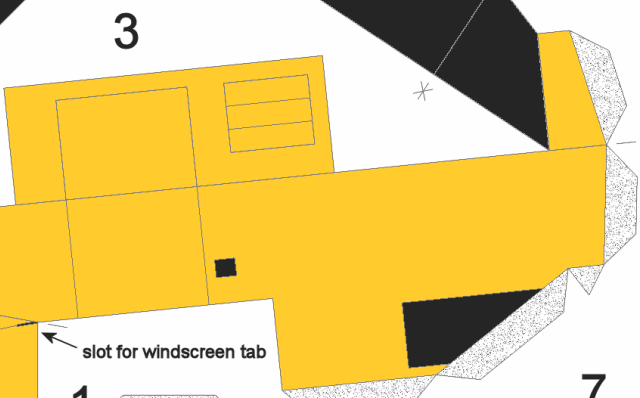
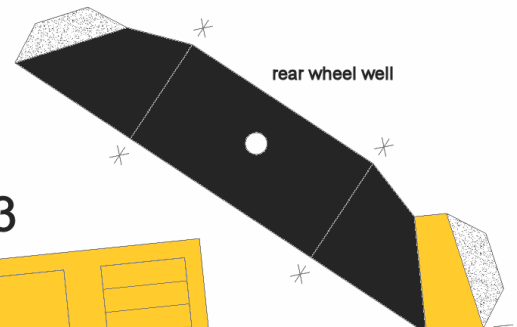
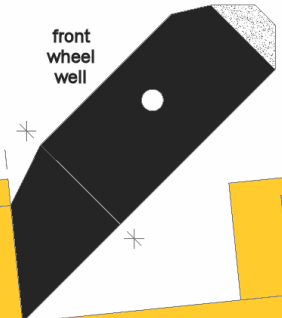
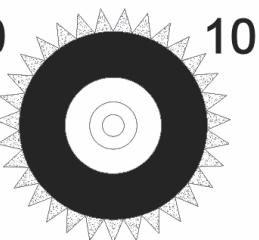
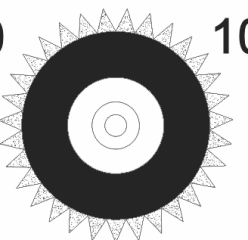
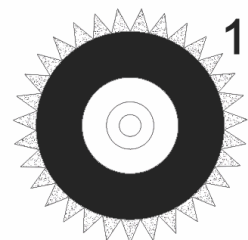
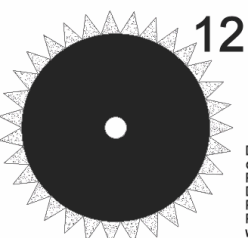
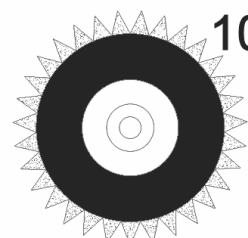
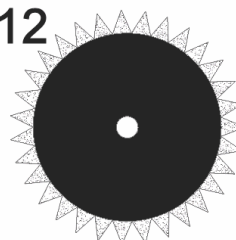
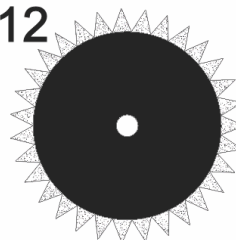
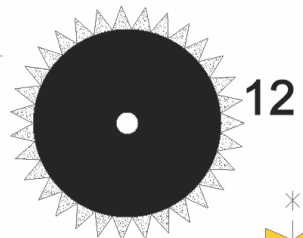
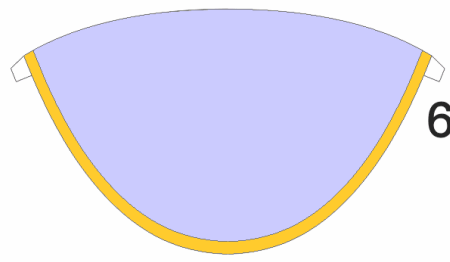
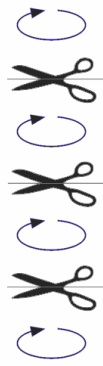
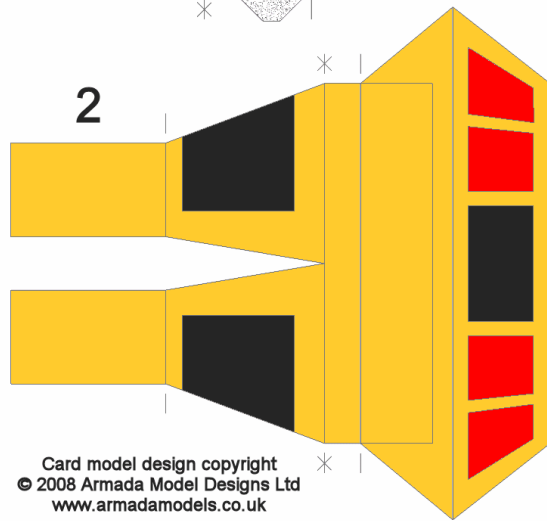
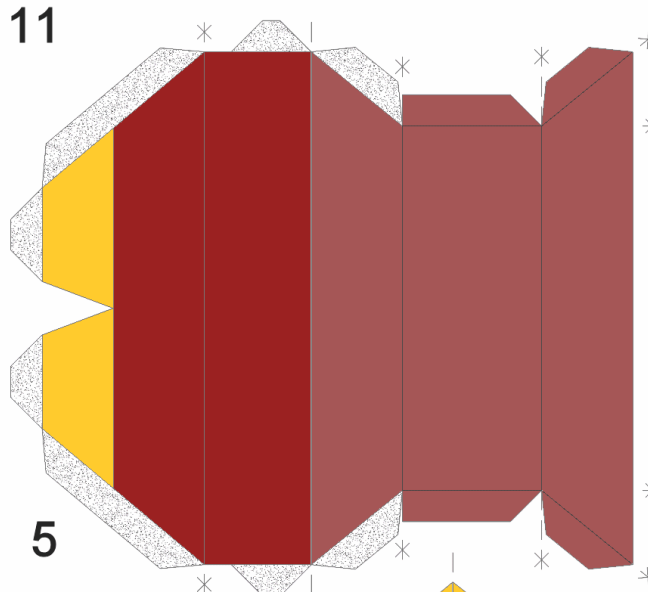
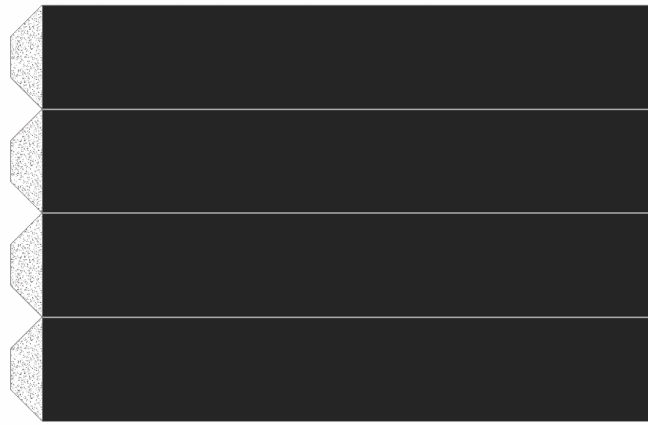


The windscreen can be traced onto a sheet of plastic – overhead projector transparency is ideal. If using this approach, cut the yellow trim from the base of the windscreen on sheet 2 and fix this to the base of the new plastic windscreen – this also helps to tidy up the glue join between screen and bonnet. To secure the windscreen, small slots are cut into the bonnet, corresponding to tabs on the screen.

The wheels are not too difficult to construct but cutting out all those tabs is somewhat fiddly and very time consuming. A faster method is to score around the wheel as usual and then use pinking shears to cut out triangular tabs around the circumference. The resulting tabs have a different geometry, but they work quite well and certainly avoid the tedium of having to make multiple cuts. If you're going to be doing a lot of card modelling then it is best to purchase a set of pinking shears especially for model building, rather than blunting your mother's best dress-making pair.

As with all card models, the white edges of the cut components can be disguised by applying water colour paint of the same shade.

Pinking Shears



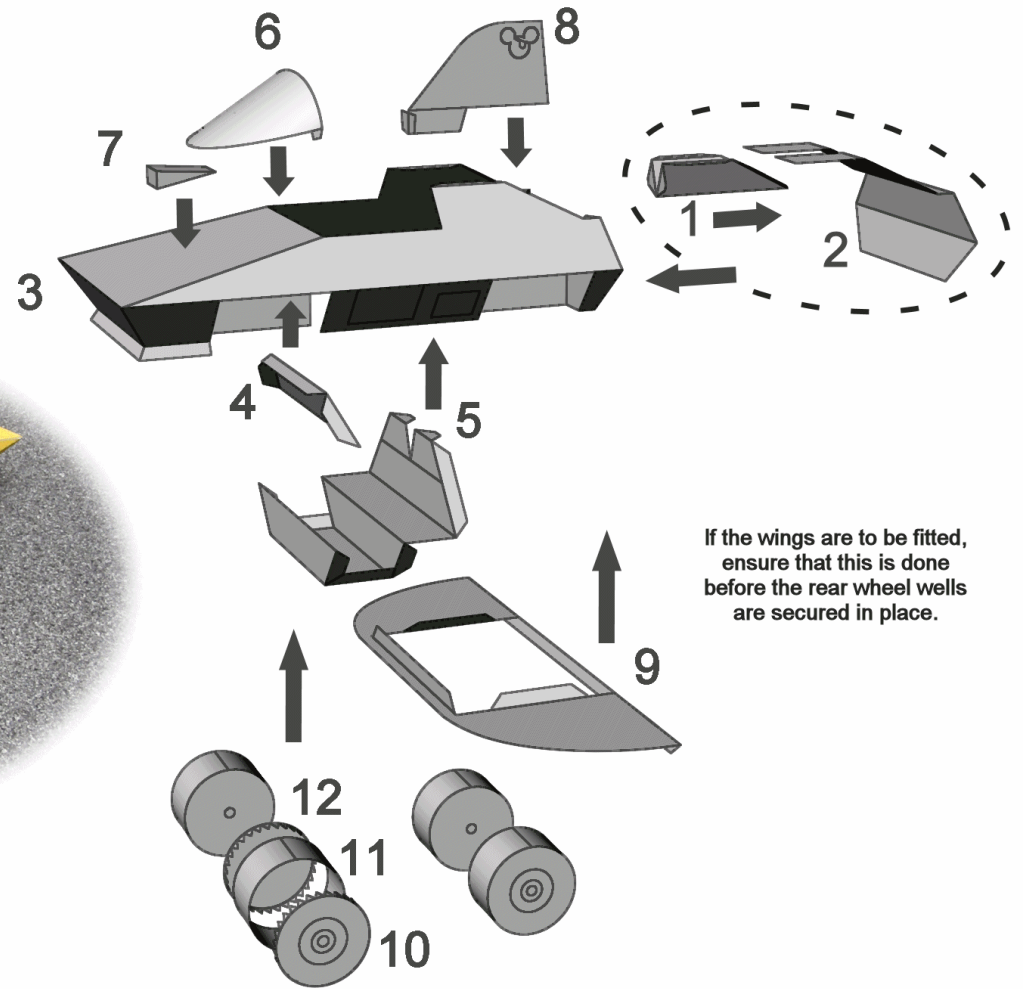
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VA02 Sheet 2 Revision 0

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If the wings are to be fitted, ensure that this is done before the rear wheel wells are secured in place.

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