

Assembly Instructions

SCORE!
CUT!
COLOUR EDGES!

1. Before you cut any part out, score the fold lines lightly. After cutting it out, make sure any cut edges are coloured with felt pen or paints.

2. Paste the strengtheners sheet to card such as cereal packet, and cut them all out.

3. Score and cut out the tractor chassis (1) and lightly fold it.

4. Glue one or both of the chassis strengtheners to the inner face shown here.

5. Glue the chassis into a box shape.

6. Roughly cut out the cab (2) and make sure all fold lines are scored (LIGHTLY) Fold back at the bottom fold as indicated here.

7. Glue the bottom area over as shown.

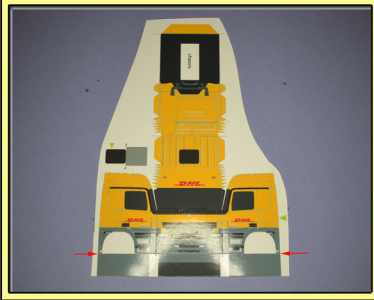
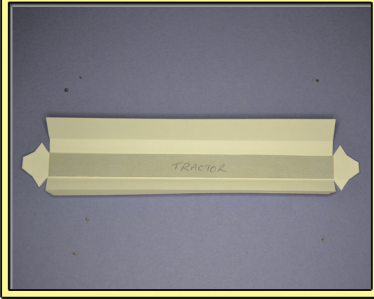
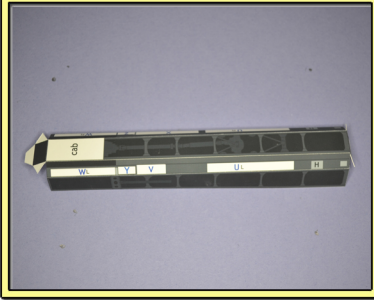
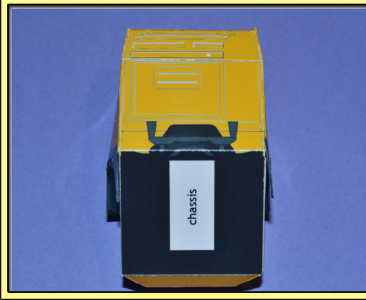
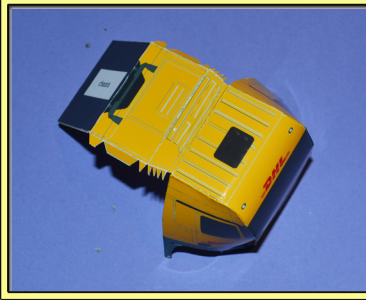
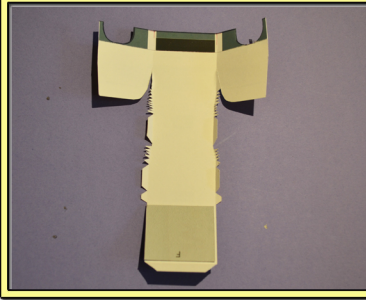
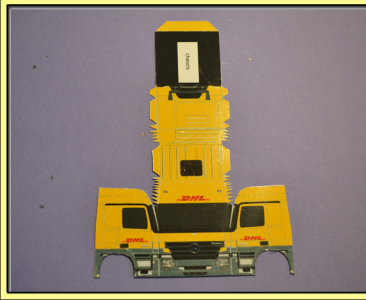
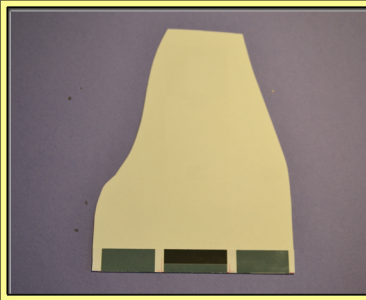
8. Cut out the cab. Make pin-holes at the points where the mirror bars will be added later. (It would be difficult to do this at a later stage)

9. Glue the cab floor strengthener in as shown.

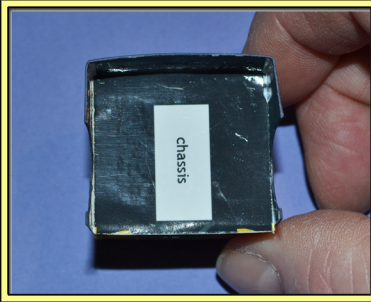
10. Start glueing the cab at the edges of the windscreen. TAKE YOUR TIME over this because it is tricky, and must be done perfectly.

11. Glue the roof to the sides. Note that the front edge of the roof is a smooth un-scored curve.

12. Glue the back to the sides.



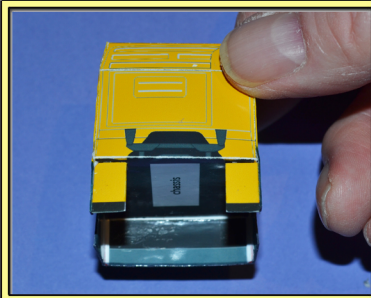
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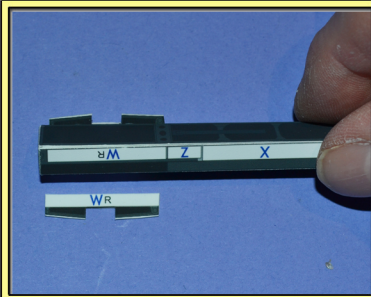
13. Finally glue the cab floor in place. The front of the floor should meet the folded-over part (see step 7)



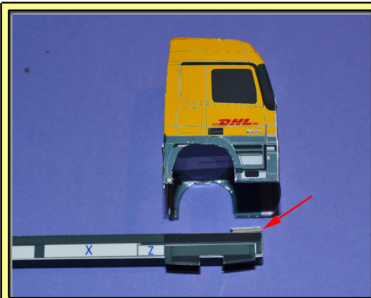
14. Fold the roof hatch (3) together and glue it on top of the roof. Add the front number plate of your choice. (Plus any other front markings as required.)



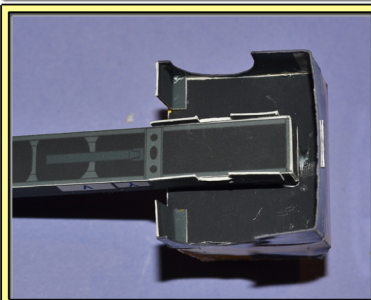
15. Fold and glue together the mudguards (4,5), cut them out and attach them to the cab as shown here.



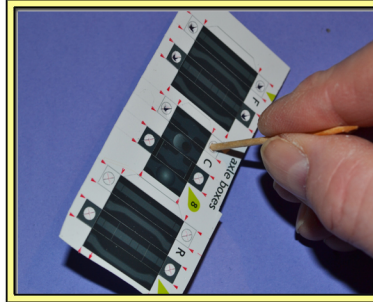
16. Fold together, glue and cut out the front springs (6&7) then attach them to the chassis in the positions shown, WL & WR.



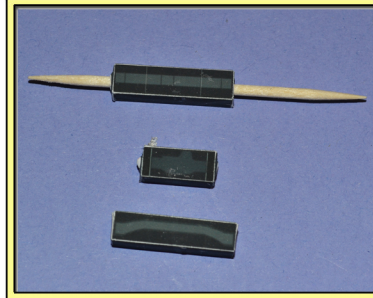
17. Check that when the cab is put onto the chassis, the front of the cab is properly vertical. If not, you can add a spacer at front or back of the mounting area.



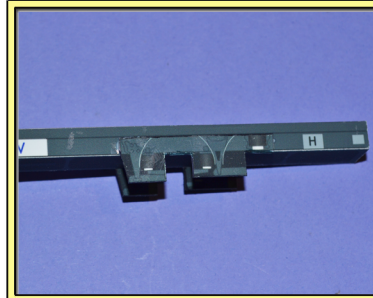
18. Glue the cab onto the chassis.



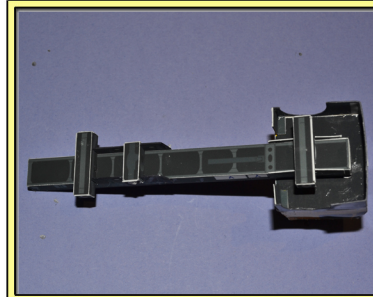
19. Axle boxes (8,9,10): Make cuts at the red lines and open up the holes with a cocktail stick. Score all fold lines.



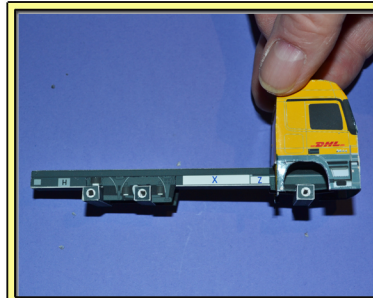
20. Cut out the axle boxes and glue them into shape. Run a cocktail stick through each box to make sure the holes are open.



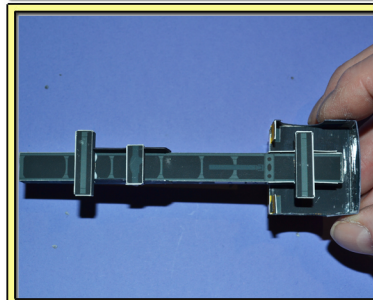
21. Fold and glue the centre/rear spring units (11,12) together and glue them in position (UL and UR) on the chassis.



22. Glue the axle boxes in place in the slots in the spring units.



23. Make sure all the axle boxes are in line horizontally....



24. ... and at right angles to the length of the chassis.

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25. Score, cut out and test-fold the cargo body (13). Glue a strengthener to the roof inside as shown.



26. Glue the bottom seam, leaving the ends open. Apply glue to the other strengthener and slide it in along the inside of the bottom. Press it down using a ruler.



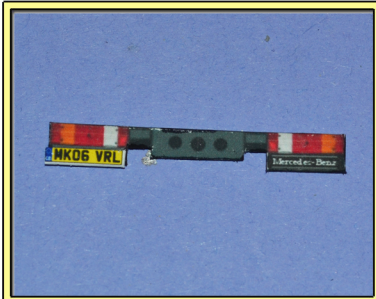
27. Finally glue the ends down. It may be necessary to carefully colour any white paper showing at the folds, using appropriate felt pen or paint.



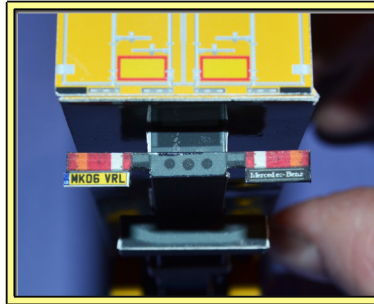
28. Fold over and glue part 14, cut it out then fold over its top end and attach it to the back of the cab as shown.



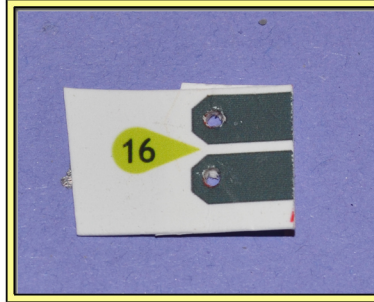
29. Glue the cargo body to the chassis.



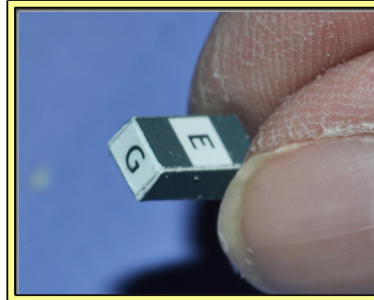
30. Fold up, glue and cut out the rear light bar (15). Add the rear number plate.....



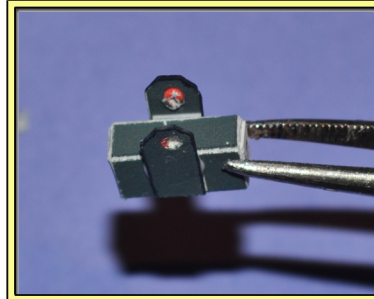
31.then glue it in place at the back of the chassis.



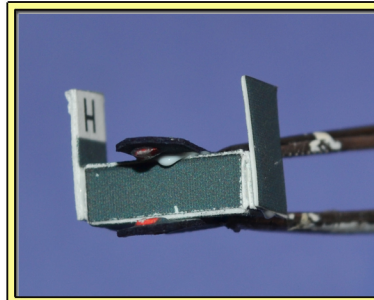
32. Fold over parts 16 and glue together. Make holes where indicated, using a pin. Cut the parts out.



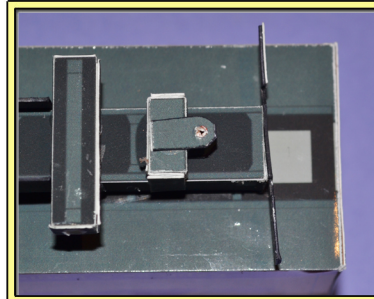
33. Fold up and glue part 17 into a box.



34. Glue parts 16 into positions E on 17 as shown.



35. Fold up and glue parts 18. Cut them out and glue them to 14 at positions G as shown.



36. Glue the completed trailer hitch to the chassis at position H as shown. Make a hitch rod by bending a piece of wire into a right angle and poking it through the holes in 16.

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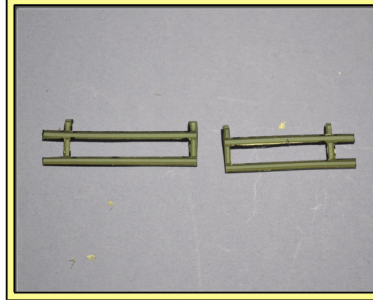
37. Make up parts 19,20,21 and 22. Note that the front of 22 is a semi-circular curve. Colour any cut edges.



43. Glue the mudguards in place on the sides of the chassis where indicated.



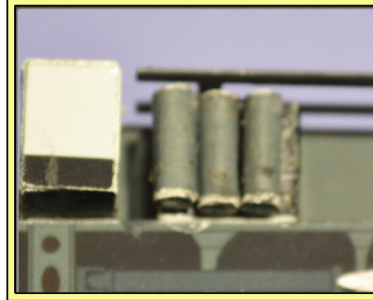
38. Glue 20 to position V and 21 to position Y on the left hand side of the chassis.



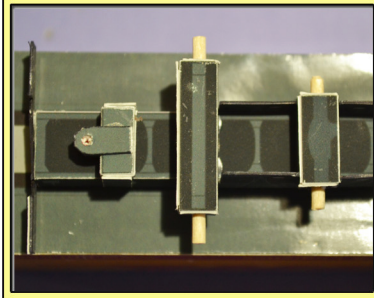
44. Fold over, glue and carefully cut out the side impact bars (27,28). NOTE: This is tricky, so I have included a spare set.



39. Glue 19 to position X and 22 to position Z on the right hand side.



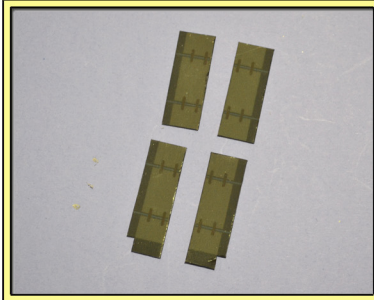
45. Roll up parts 29A into thin tubes and add the ends B. Glue these below part 20.



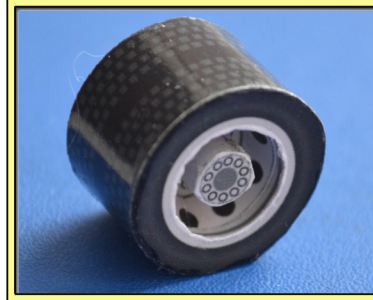
40. Cut pieces of cocktail stick to the correct lengths and insert them into the axle boxes.



46. Make the wheels - single....



41. Fold over, glue, and cut out the mudguards (23-26).



47. ... and double. For this, see the instructions on a separate set of sheets.

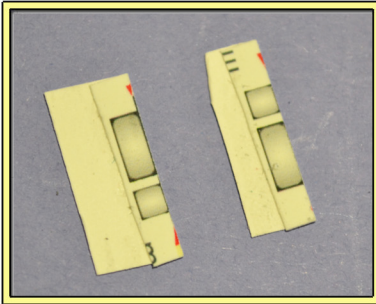


42. Bind them with rubber bands or thread over a suitable rod and leave them for a while to make them curl into semi-circles (printed side out)

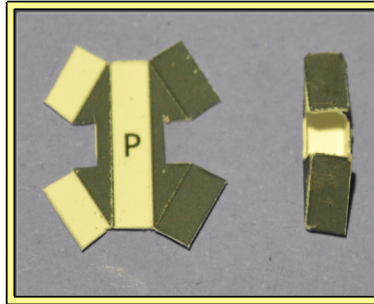


48. Glue the wheels onto the axles (it should be possible, but not really necessary, for the wheels/axles to rotate.) Glue on the bars 27 and 28 as shown here.

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49. Fold the mirrors 31 & 32 over, glue together and then cut them out.



55. Make parts 37 & 38 as shown. You can add reinforcement inside (as indicated) if necessary.



50. Make mirror bars by bending thin wire to the pattern shown. Insert them into the holes you made in the sides of the cab.



56. Make up part 39 into a long, thin box. Use part 40 on the end, or insert a wire hoop like this.

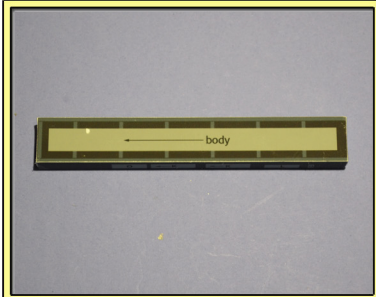


51. Glue on the mirrors as shown here.

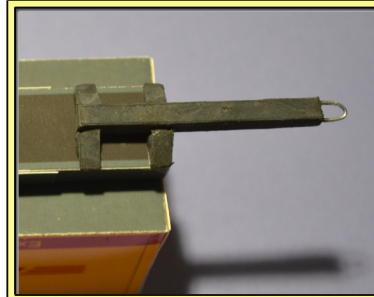
The tractor unit is now complete.



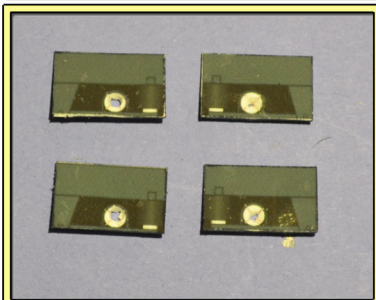
57. Make the cargo body (41) in the same way as you did for the tractor.



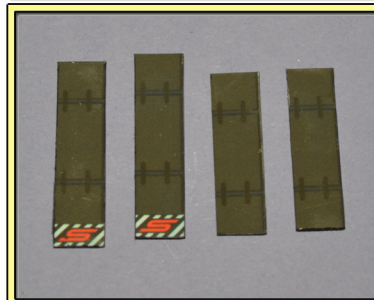
52. Make the trailer chassis (32) in the same way that you made the tractor chassis.



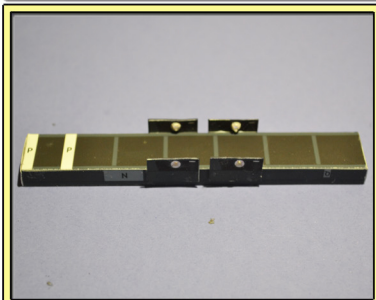
58. Glue the body to the chassis as indicated. Glue parts 37 & 38 in place, then the tow bar 39 into the slots.



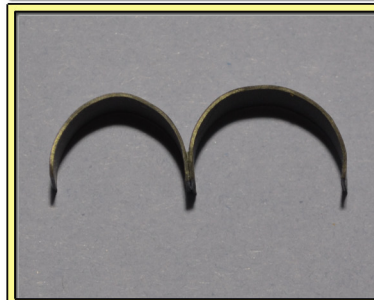
53. Make the spring units (33-36) and make holes in them as before.



59. Glue up and cut out the mudguards (42-45) and curve them as before.



54. Glue them to positions J and K on the sides of the chassis.

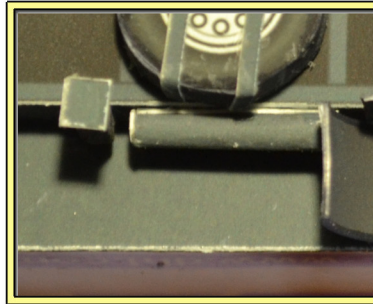


60. Glue them together in pairs like this: 42+43, 44+45

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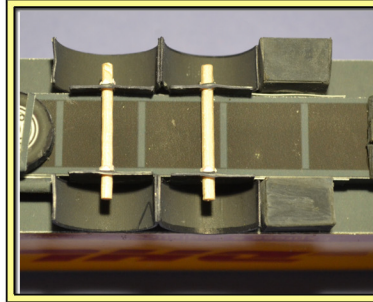
61. Glue the mudguards to the indicated positions on the spring units.



67. Make up part 54 with its ends 55, and glue it onto position L.



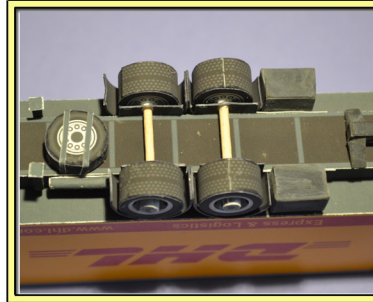
62. Make up the boxes 46 & 47 and glue them to positions N on the chassis.



68. Make the axles as before and push them through the holes in the spring units.



63. Fold over and glue, then cut out parts 48 & 49. Glue the mudflaps 49 behind the bumper 48. Add the number plate. Colour cut edges!



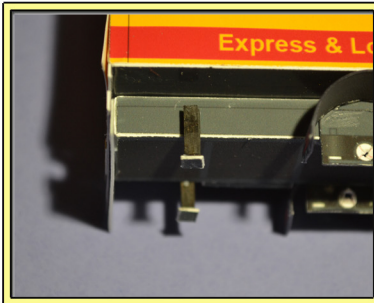
69. Make 4 wheels as before. Glue them onto the axles.



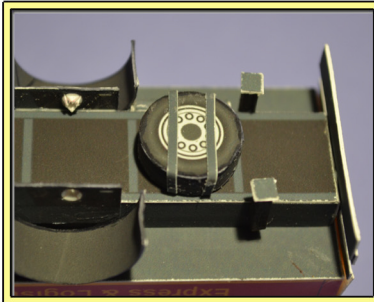
64. Glue it in place as indicated at the back of the chassis.



70. Make the side impact bars 56 & 57 as before and glue them in position as shown here.



65. Make the stands (50) and their feet (51). Alternatively, you can use a suitably painted 8mm length of match-stick for each part 50. Glue them in place.



66. Make the spare wheel (52) like you did the other wheels. (Except that it has a flat face each side) Wrap the carriers (53) round it and glue it under the chassis where indicated.

71. Attach the trailer to the tractor and your model is complete!

