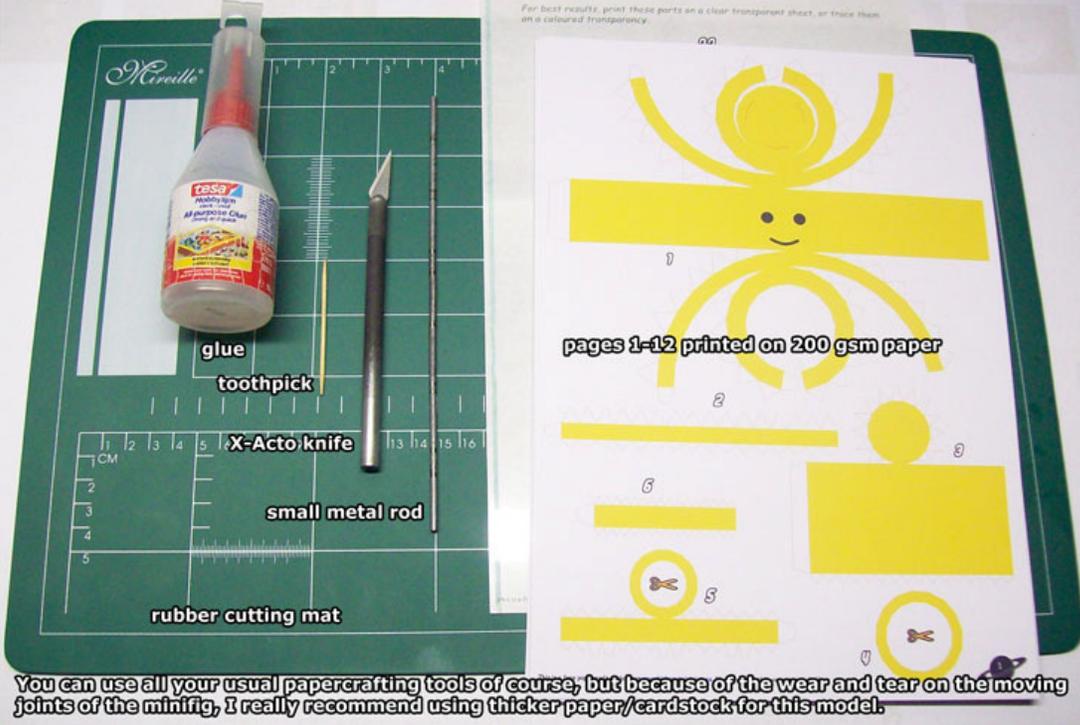


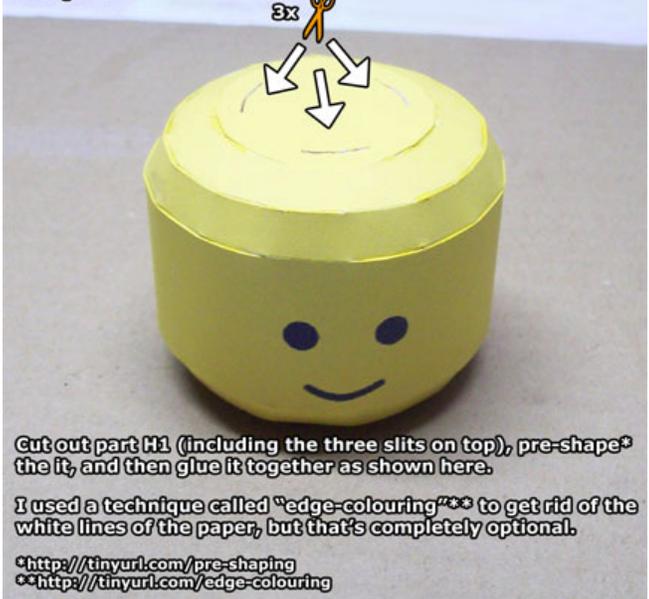
Paper M:Tron astronaut instructions

step 1



You can use all your usual papercrafting tools of course, but because of the wear and tear on the moving joints of the minifig, I really recommend using thicker paper/cardstock for this model.

step 2



Cut out part H1 (including the three slits on top), pre-shape* the it, and then glue it together as shown here.
 I used a technique called "edge-colouring**" to get rid of the white lines of the paper, but that's completely optional.
 *<http://tinyurl.com/pre-shaping>
 **<http://tinyurl.com/edge-colouring>

step 3



Glue part H2 into a ring, and glue it to the open bottom of part H1.

step 4



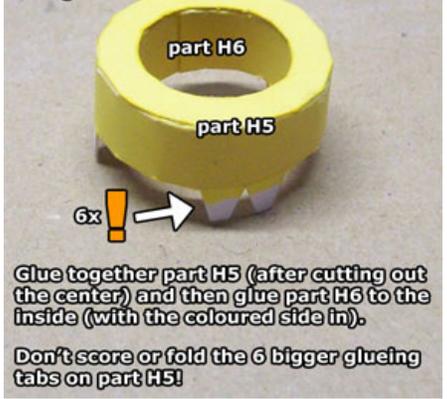
Glue part H3 together as a hollow cylinder (with the coloured side in) and then glue part H4 to the bottom (after cutting out the center).

step 5



Take your time to glue parts H3-H4 to the open bottom of the head.

step 6



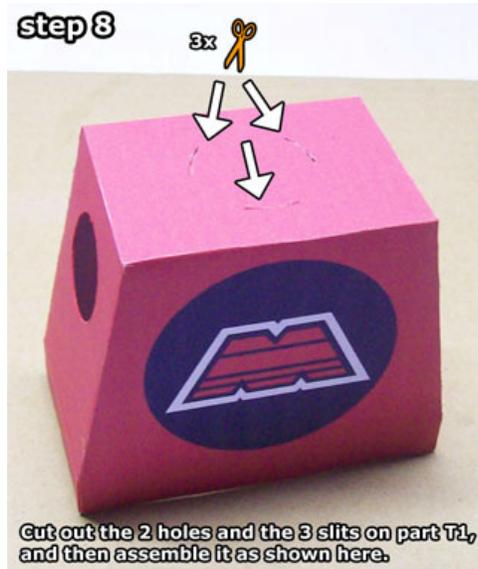
Glue together part H5 (after cutting out the center) and then glue part H6 to the inside (with the coloured side in).
 Don't score or fold the 6 bigger glueing tabs on part H5!

step 7



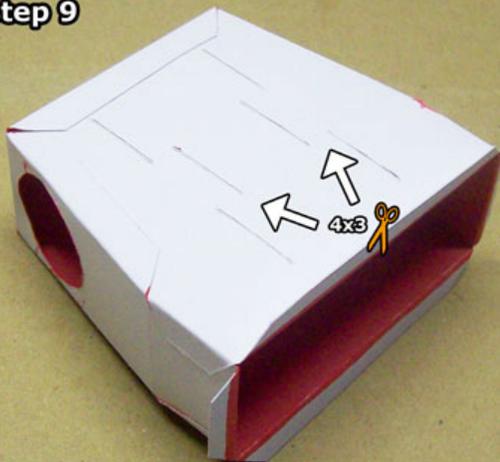
Now glue parts H5-H6 on top of the head by pushing the 6 glueing tabs through the slits you made earlier on part H1.

step 8



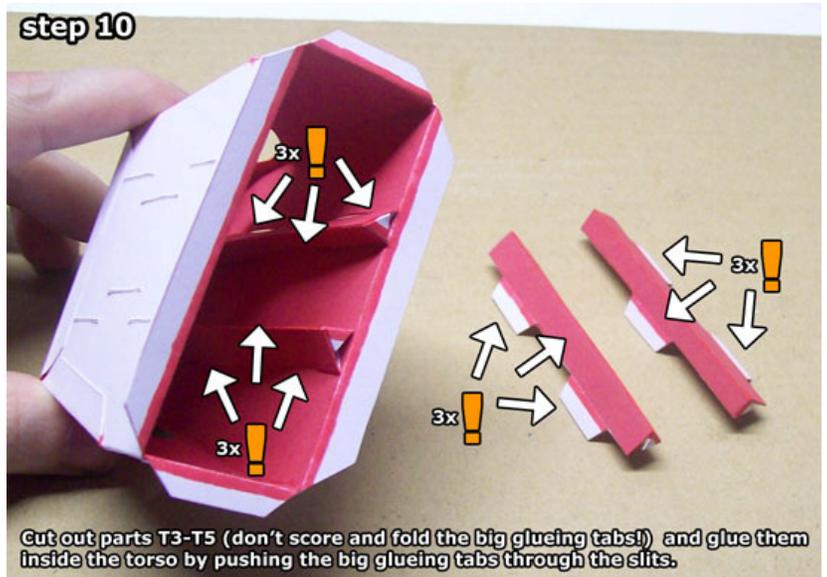
Cut out the 2 holes and the 3 slits on part T1, and then assemble it as shown here.

step 9



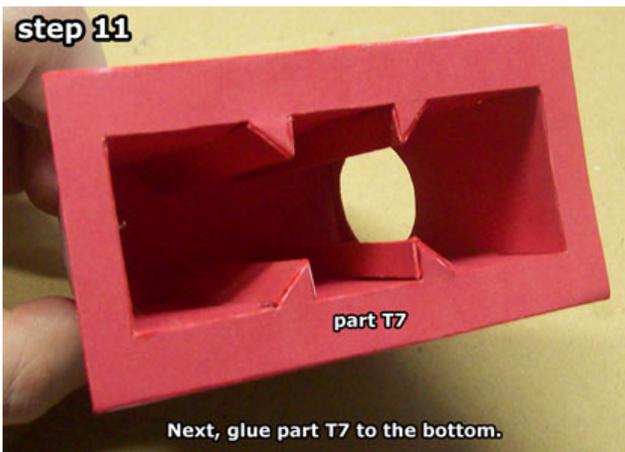
Cut out and assemble part T2 with the coloured side in. Don't forget to cut out the 2 holes on the sides and the 12 small slits!

step 10



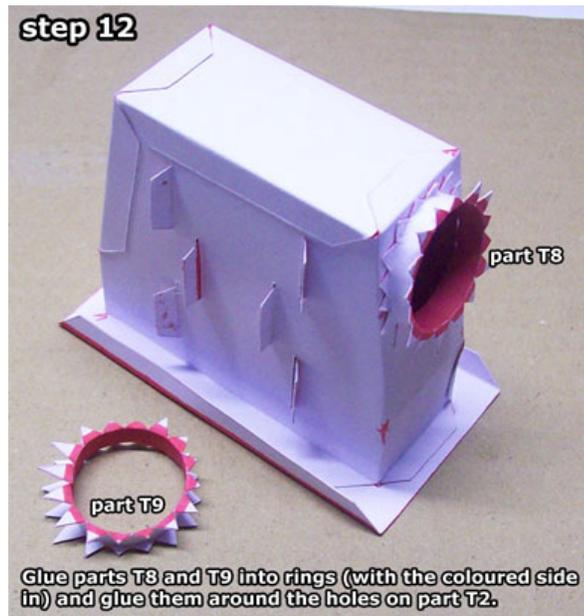
Cut out parts T3-T5 (don't score and fold the big glueing tabs!) and glue them inside the torso by pushing the big glueing tabs through the slits.

step 11



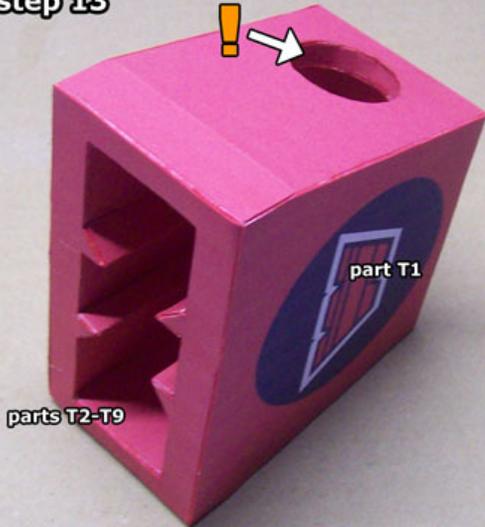
Next, glue part T7 to the bottom.

step 12



Glue parts T8 and T9 into rings (with the coloured side in) and glue them around the holes on part T2.

step 13



Now glue parts T2-T9 inside part T1. Take your time to align the T8 and T9 rings with the holes.

step 14



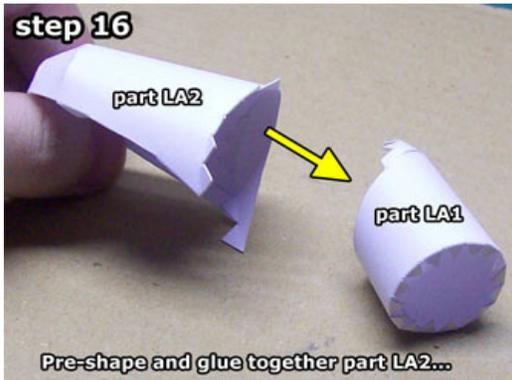
Cut out and assemble part T10 (don't score or fold the bigger glueing tabs) then glue it on top of the torso by pushing the 6 glueing tabs through the slits.

step 15



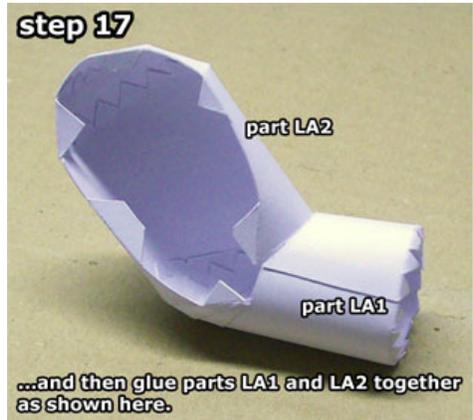
Cut out and assemble part LA1 as shown here.

step 16



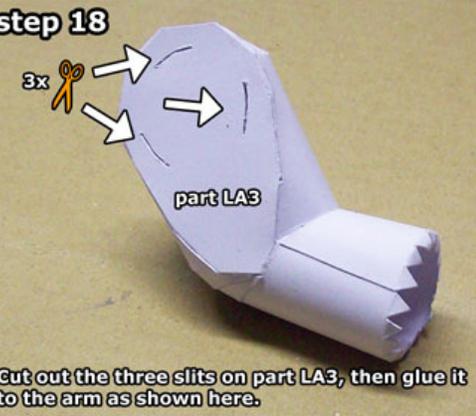
Pre-shape and glue together part LA2...

step 17



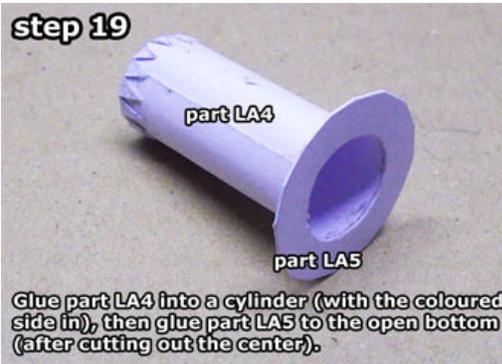
...and then glue parts LA1 and LA2 together as shown here.

step 18



Cut out the three slits on part LA3, then glue it to the arm as shown here.

step 19



Glue part LA4 into a cylinder (with the coloured side in), then glue part LA5 to the open bottom (after cutting out the center).

step 20



Now glue parts LA4 and LA5 inside the open end of the arm.

step 21



Glue together part LA6 (don't score or fold the 6 bigger glueing tabs!) and then glue it to the arm by pushing the glueing tabs through the slits on part LA3.

step 22



The right arm (parts RA1-RA6) goes together the same way as the left arm (parts LA1-LA6), only mirrored of course.

step 23



To build the hands, pre-shape the inside and outside of part RH1 into U-shapes...

step 24



...then first, take your time to glue the sides to the flat bottom...

step 25



...and after that, the beveled top. Glue part RH2 into a cylinder (don't score or fold the bigger glueing tabs!) and then glue it to the back of the hand by pushing the glueing tabs through the slits.

step 26

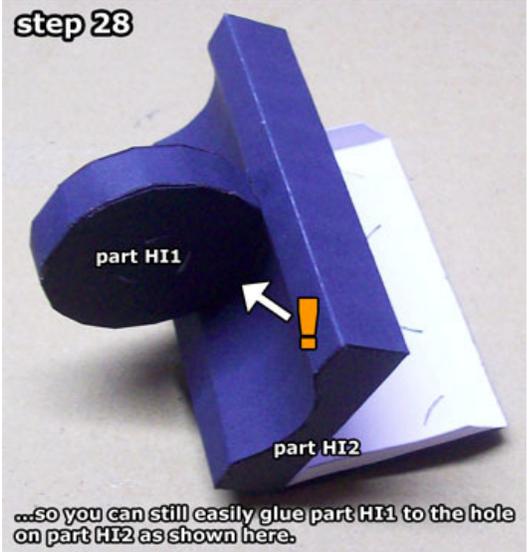


The left hand (parts LH1-LH2) goes together the same way as the right hand (RH1-RH2), only mirrored of course.

step 27



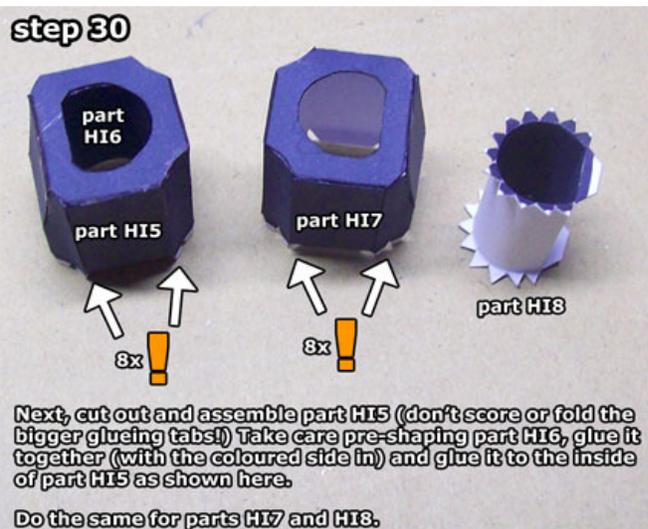
step 28



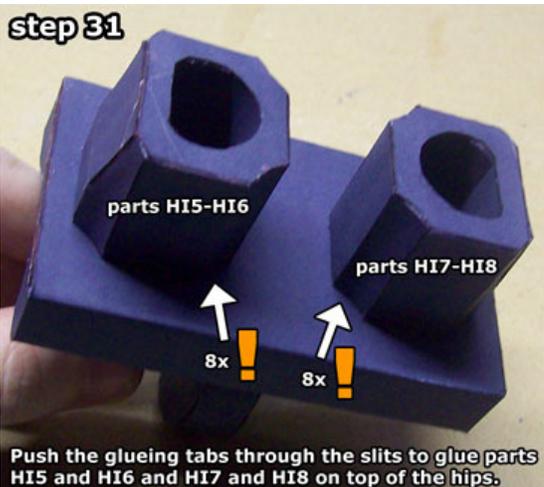
step 29



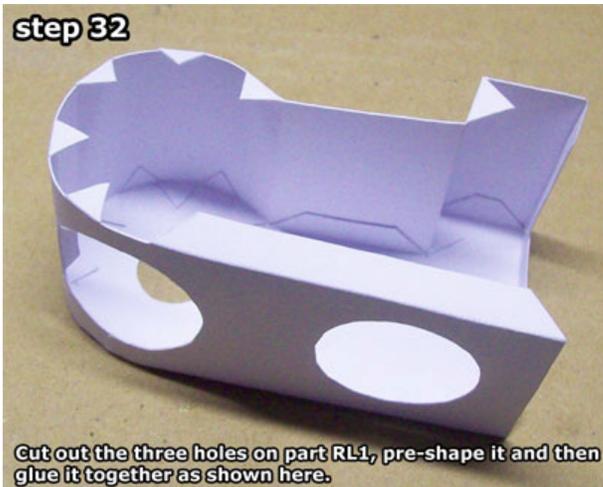
step 30



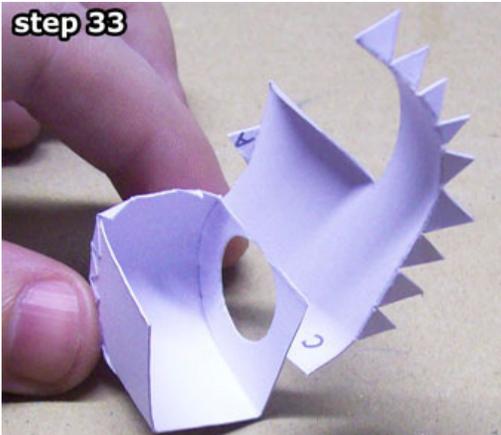
step 31



step 32



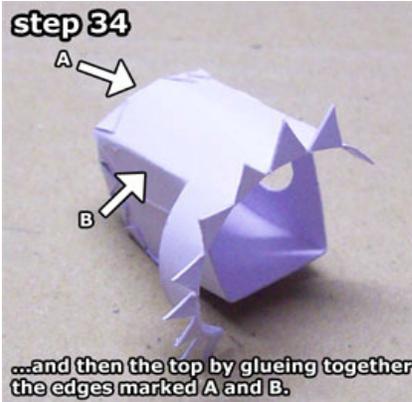
step 33



Take your time pre-shaping part RL2 before you glue it together.

I found it easiest to glue the sides to the curved back first...

step 34



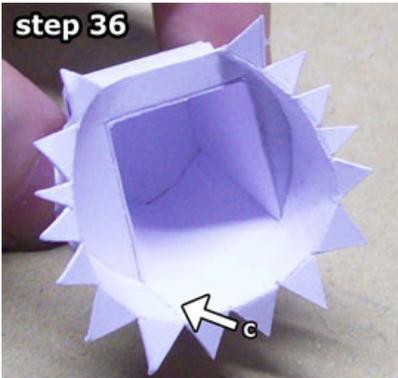
...and then the top by glueing together the edges marked A and B.

step 35



Cut out and assemble part RL3 as shown here...

step 36



...and then glue it to part RH2 like so.

step 37



Glue part RL4 into a hollow cylinder (with the coloured side in) and then glue it over the hole on the side of part RH2.

step 38



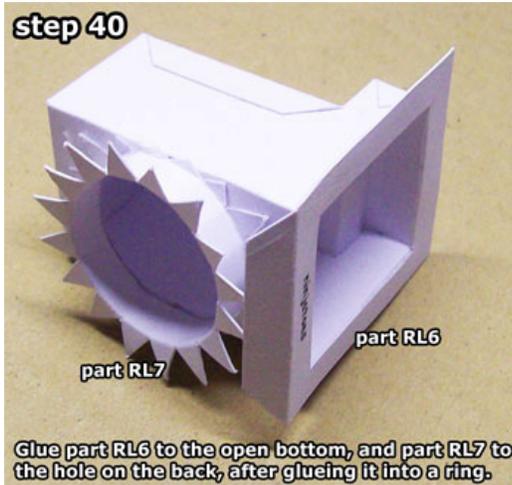
Now, glue parts RL2-RL4 inside the leg. Take your time to align it with the holes on the back and the side.

step 39



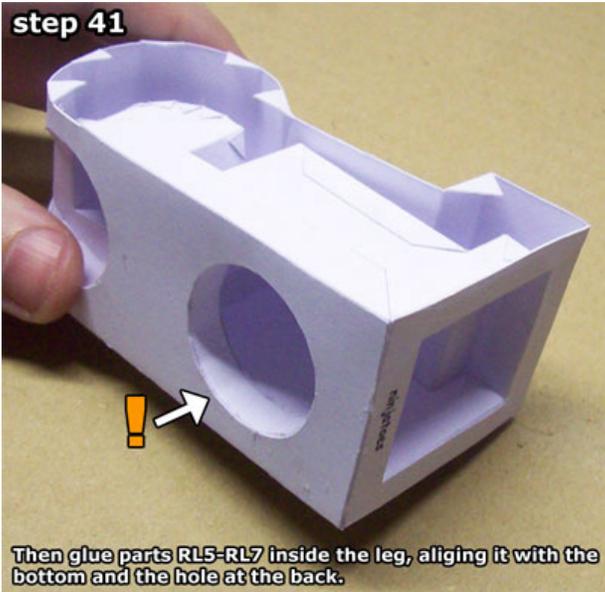
Cut out, pre-shape and assemble part RL5 with the coloured side in.

step 40



Glue part RL6 to the open bottom, and part RL7 to the hole on the back, after glueing it into a ring.

step 41



Then glue parts RL5-RL7 inside the leg, aligning it with the bottom and the hole at the back.

step 42



Close the side with part RL8.

step 43



Pre-shape and assemble part AT1 as shown here (note the flat side of the airtank!)

step 44



Do the same for part AT2, then glue the two airtanks together using the flat sides.

step 45



Cut out part AT3 (don't forget the 4 small slits) and glue together the side, but not the bottom yet.

step 47



That way, it will be easier to glue on parts AT4 and AT5.

After that, you can close the bottom of part AT3, and assemble and glue on parts AT6 and AT7 as shown here.

step 48



Take your time to glue parts AT3-AT7 on top of the two airtanks as shown here.

step 49



Cut the 4 slits on part AT8, and then assemble it as shown here.

step 50



Take your time to glue part AT8 on top of the airtanks as straight as possible. Make sure there aren't any gaps.

step 51



Cut out and assemble parts AT9-AT11 (but don't score or fold the bigger glueing tabs!)
Then glue part AT9 against the bridge of the airtanks by pushing the glueing tabs through the slits...

step 52



...and then do the same for part AT11 on top of the bridge.

step 53



Cut out and assemble parts 12 and 13 with the coloured side in as shown here, and then glue them to the backside of part 14 (after cutting out the two holes).

step 54



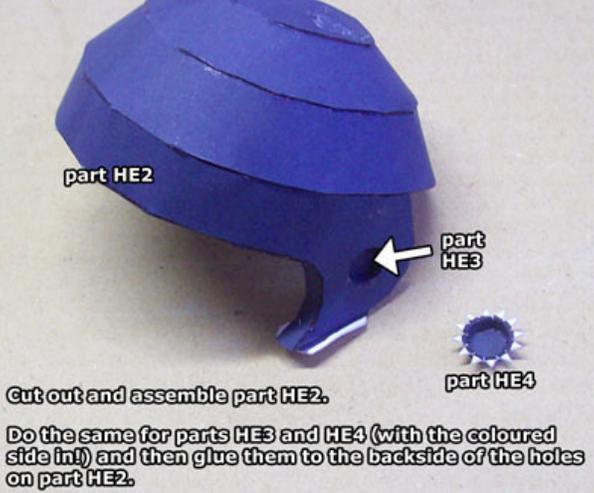
Next, glue parts AT12-AT14 inside the airtanks. Take your time to align the bottom.

step 55



Glue the three ends and the front of part HE1 together as shown here to make the bottom of the helmet.

step 56



Cut out and assemble part HE2.

Do the same for parts HE3 and HE4 (with the coloured side in!) and then glue them to the backside of the holes on part HE2.

step 57



Next, glue together the lower half (part HE1) and upper half (parts HE2-HE4) of the helmet.

step 58



Cut the 4 small slits and the big hole on part HE5, and then glue it together with the coloured side in.

step 59



Cut out and assemble parts HE6 and HE7 into crescents as shown here.

Don't score or fold the bigger glueing tabs, so you can use them to glue the parts to the inside of the helmet, by pushing them through the small slits.

step 60



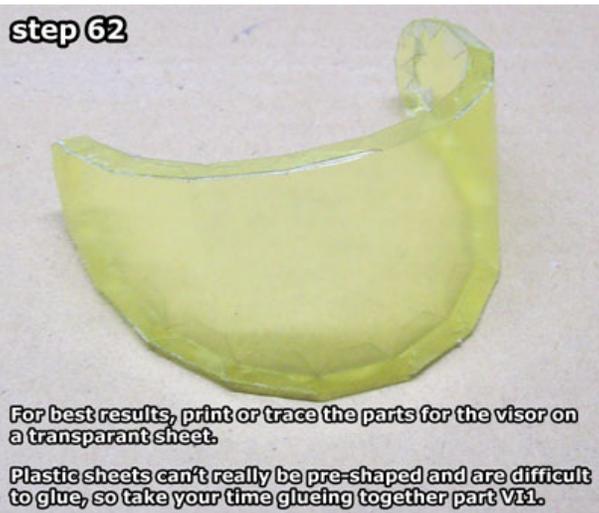
Cut out the hole on part HE8, and then glue it to the bottom of part HE5.

step 61



Take your time to glue align the inside of the helmet (parts HE5-HE8) with the big hole and bottom edges.

step 62



For best results, print or trace the parts for the visor on a transparent sheet.

Plastic sheets can't really be pre-shaped and are difficult to glue, so take your time gluing together part VI1.

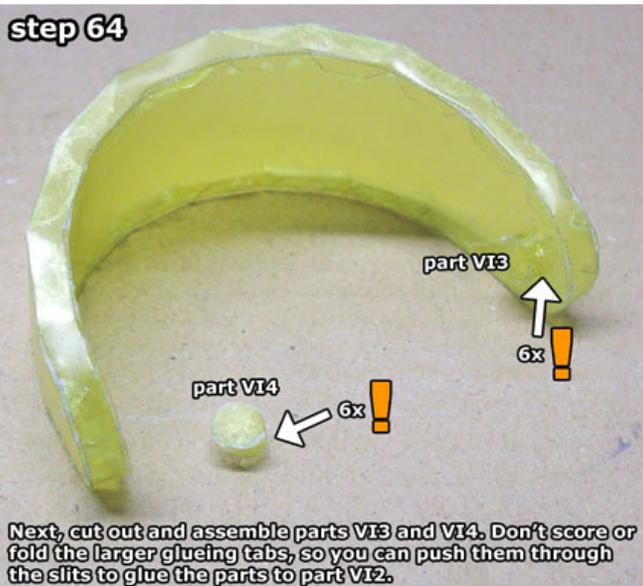
step 63



Likewise, if you are using plastic, transparent sheets, there will be a lot of tension in part VI2 when you try to glue it to the back of part VI1, so take your time (maybe even do it in parts).

Don't forget to cut the 6 small slits first!

step 64



Next, cut out and assemble parts VI3 and VI4. Don't score or fold the larger glueing tabs, so you can push them through the slits to glue the parts to part VI2.

step 65



Now place the visor (with the flat side up) over the helmet, by pushing the small knobs (parts VI3 and VI4) into the small holes on the sides of the helmet.

Don't use any glue, so you can open and close the visor as you wish.

step 66



Now, you can assemble your minifig! The parts should have a tight fit, so you shouldn't need to use any glue.

Thank you for building a Ninjatoes' papercraft model!
www.kickme.to/ninjatoes