

How to Build a Paper F1 Car



Next

1**Floor****2****Body****3****Sidepods****4****Rear Suspension****5****Engine****6****Rear Wing****7****Front Suspension****8****Front Wing****9****Wheels****10****Details**

This tutorial will help you build a F1 car out of paper, using the templates available from Brawn GP Modeling (www.brawngpmodeling.proboards.com)

In this tutorial, I make the BMW F1.09 of Robert Kubica from the Brazilian GP, as made by twcy. All the cars are similar, but if you are a beginner it may be a good idea to build this car.

There are 10 main steps, as shown on the left. You can follow the tutorial through or skip to a certain step with the buttons on the left.

Last**Next**

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First things first, cut everything out. You can cut it out as you go along, but I find this easier. Put all the parts in a tray or a box so you don't lose them

Last

Next

1

Floor

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Separate the parts you
need for the floor

2009 BMW Sauber F1 Team
5 Robert Kubica F1.09 Brazil 2nd Place

Last

Next

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Now fold over the main
part of the floor...

2009 BMW Sauber F1 Team
5 Robert Kubica F1.09 Brazil 2nd Place

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And glue it down.
Don't worry if there's a slight
curve on it, it will be flattened
out with the body

For this part, you may want to
use a black marker pen to fill in
the white edges

Last

Next

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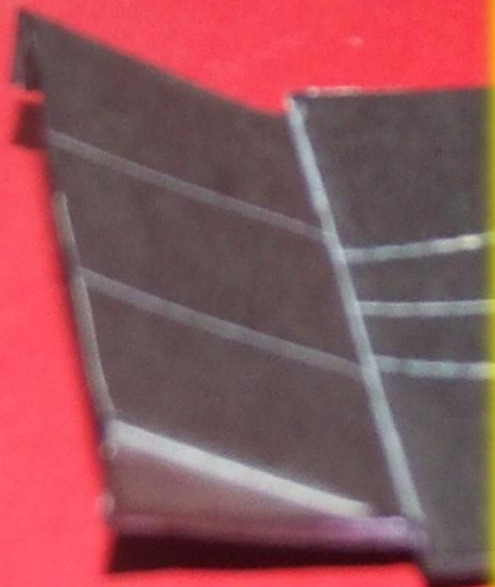
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Fold up the edge for
the diffuser.



And fold and glue the diffuser
pieces



Last

Next

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Now glue the diffuser pieces onto the diffuser base.

You may need to use pictures of other peoples models or the real car to find where they go



The floor is now complete!

Last

Next

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Body

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Separate the parts you
need for the body

Last

Next

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*Fold over the part around
the cockpit...*



... and glue

Last

Next

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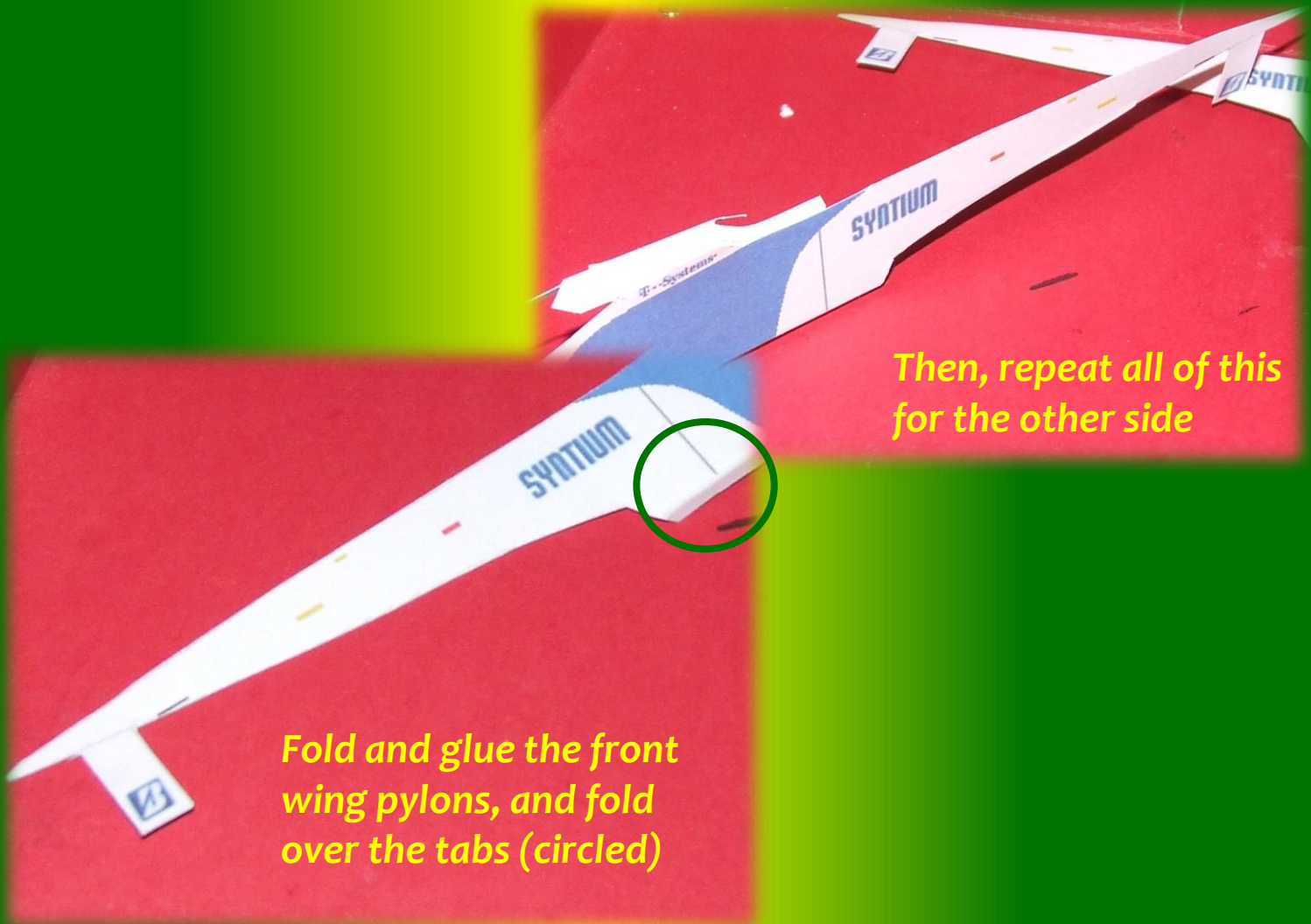
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Then, repeat all of this
for the other side

Fold and glue the front
wing pylons, and fold
over the tabs (circled)

Last

Next

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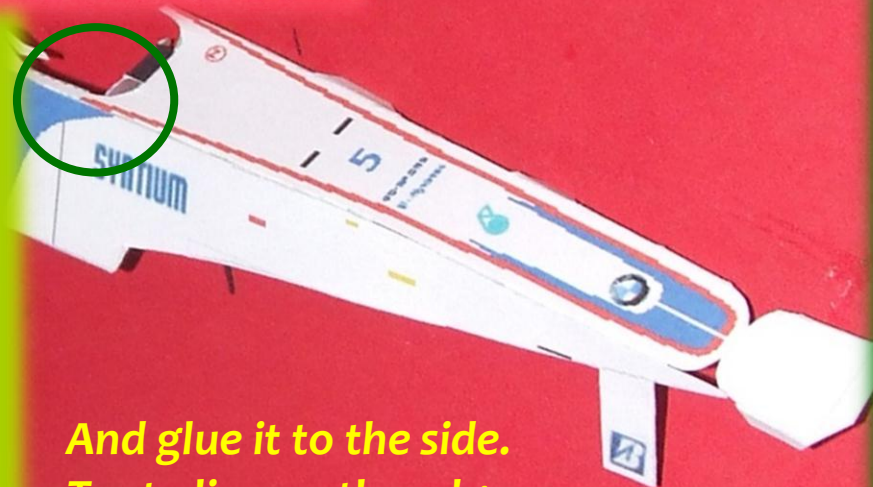
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Fold the tabs for the
front of the car



And glue it to the side.
Try to line up the edges
of the cockpit (circled)

Last

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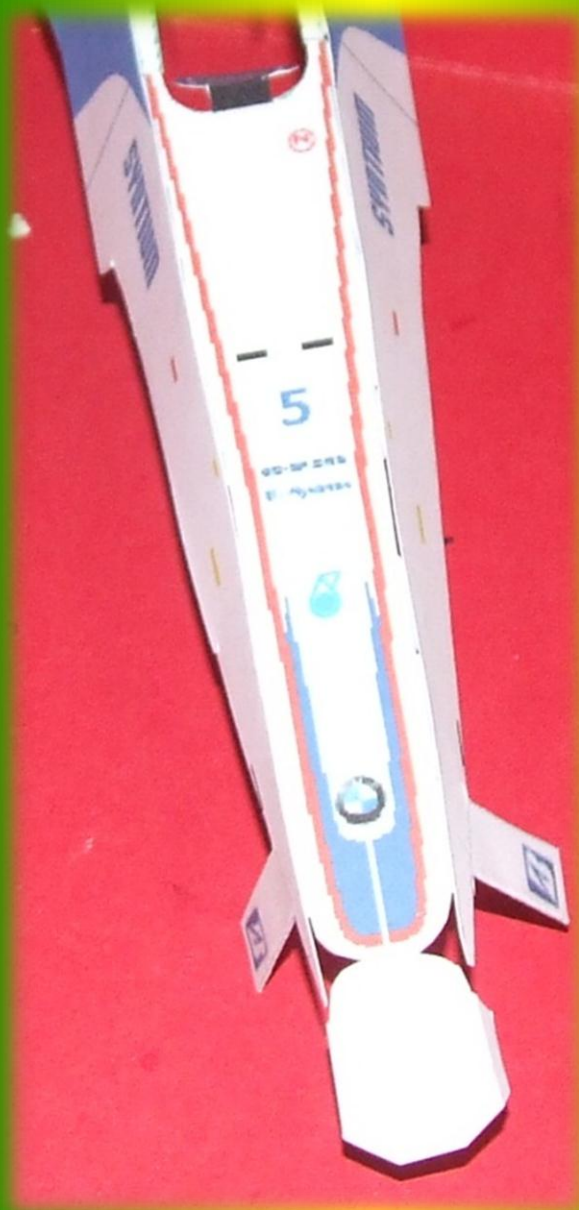
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*Now glue on the other side.
Again, line up the cockpit
edges at the top*

Last**Next**

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Now fold over the end
of the nose and glue it
underneath

Last

Next

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Glue the rear base onto the end of
the cockpit edges

Last

Next

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And glue it to the sides

Last

Next

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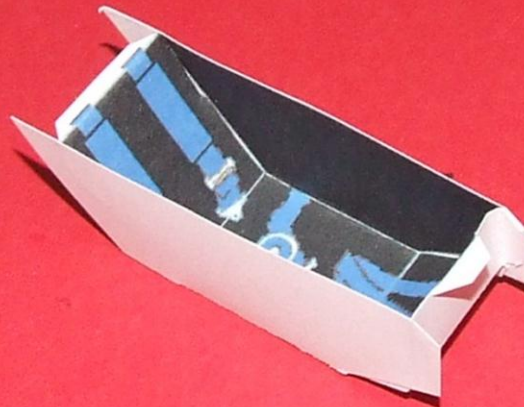
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Fold up the cockpit



And glue it



Last

Next

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Now glue the cockpit
into the body



Last

Next

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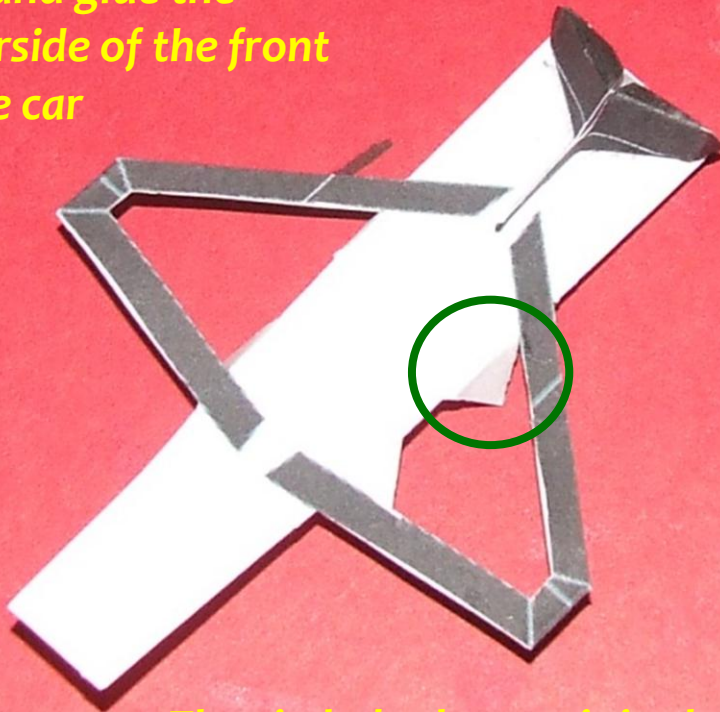
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Fold and glue the
underside of the front
of the car



The circled tabs aren't in the
design, but I find they help glue it in

Last

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Last

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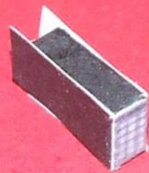
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*Glue the back onto the
body*



*Now glue together the rain
light and glue it into place*



Last

Next

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Fold and glue the
headrest



And glue it in

Last

Next

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Finally, glue the entire
body onto the chassis.
Use the lines on the
chassis to align the car

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Sidepods

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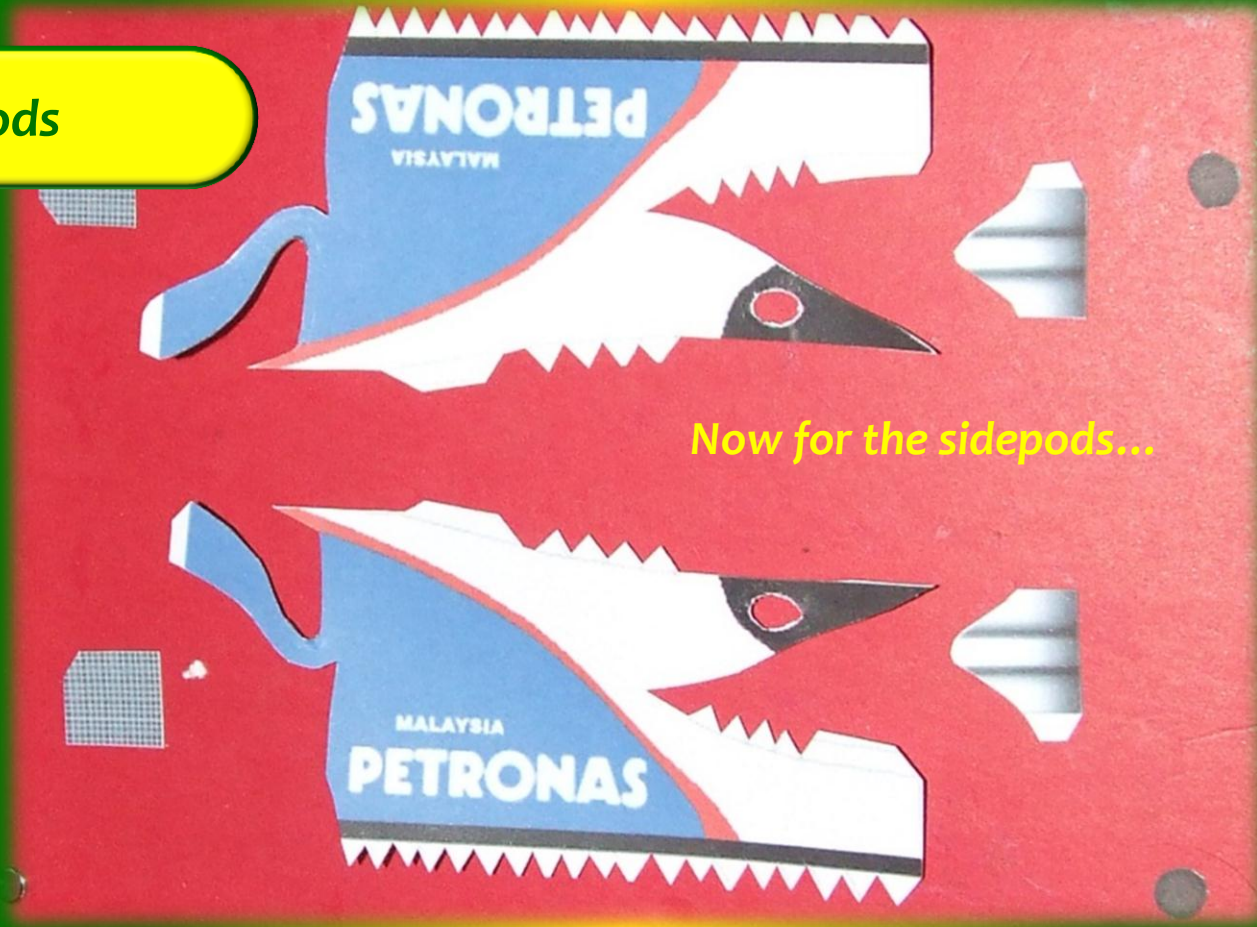
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Now for the sidepods...

Last

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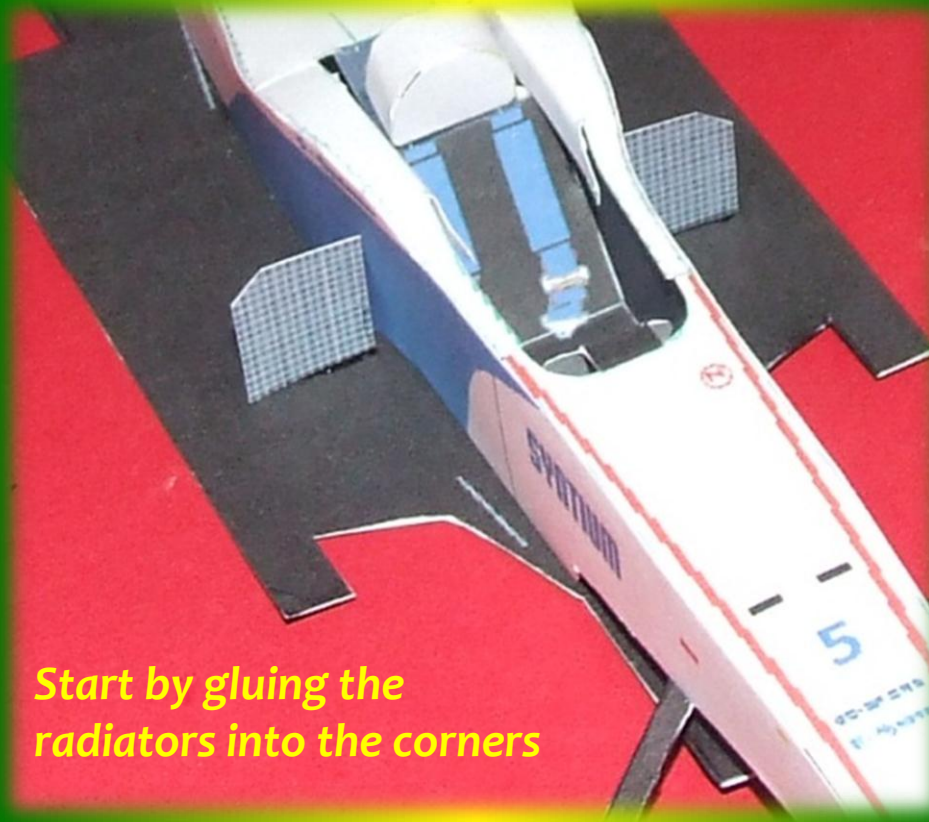
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*Start by gluing the
radiators into the corners*

Last

Next

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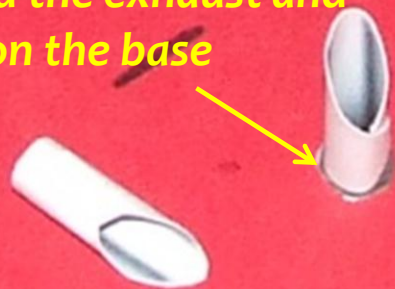
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*Round the exhaust and
glue on the base*



And glue them into place

Last

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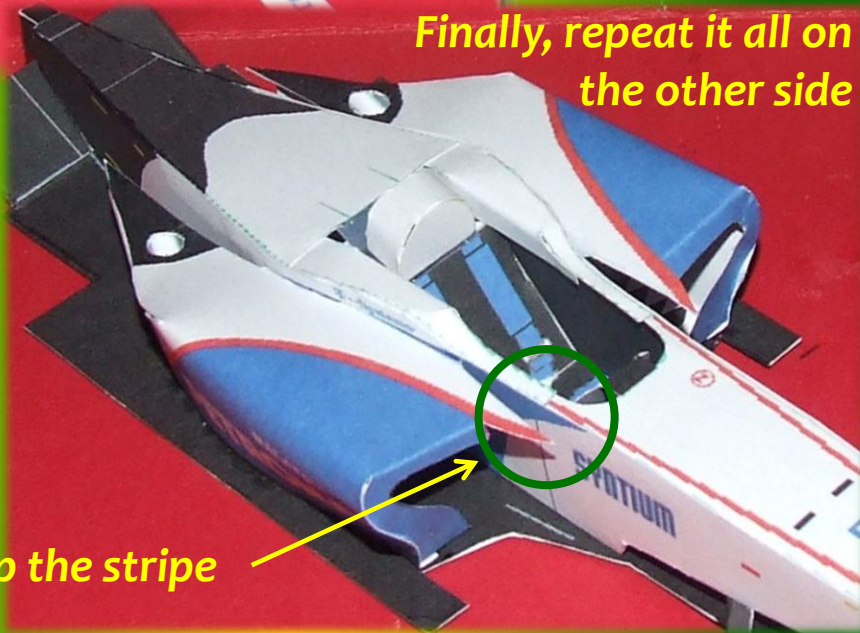
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Glue the sidepod to the car...



Finally, repeat it all on the other side



Try to line up the stripe

Last

Next

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Rear Suspension

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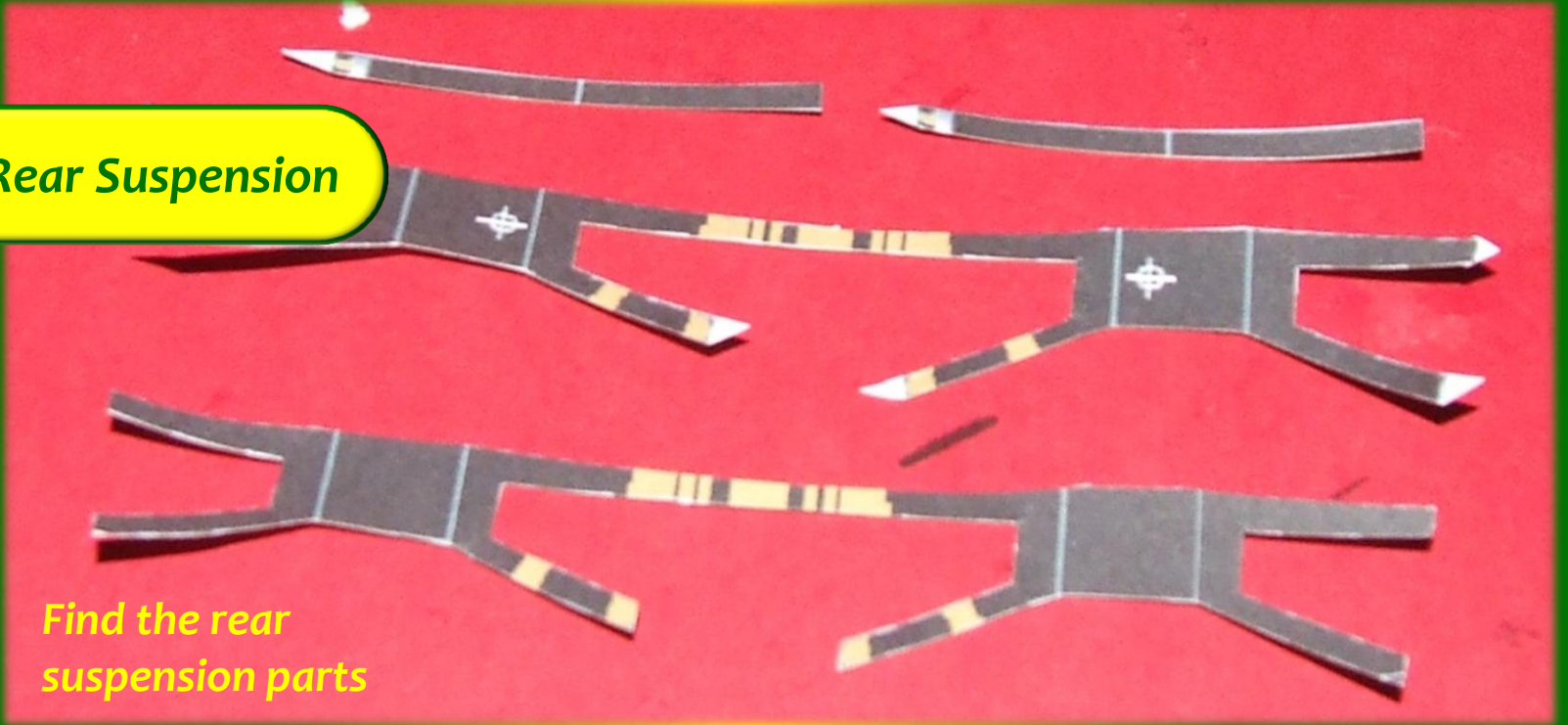
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Last

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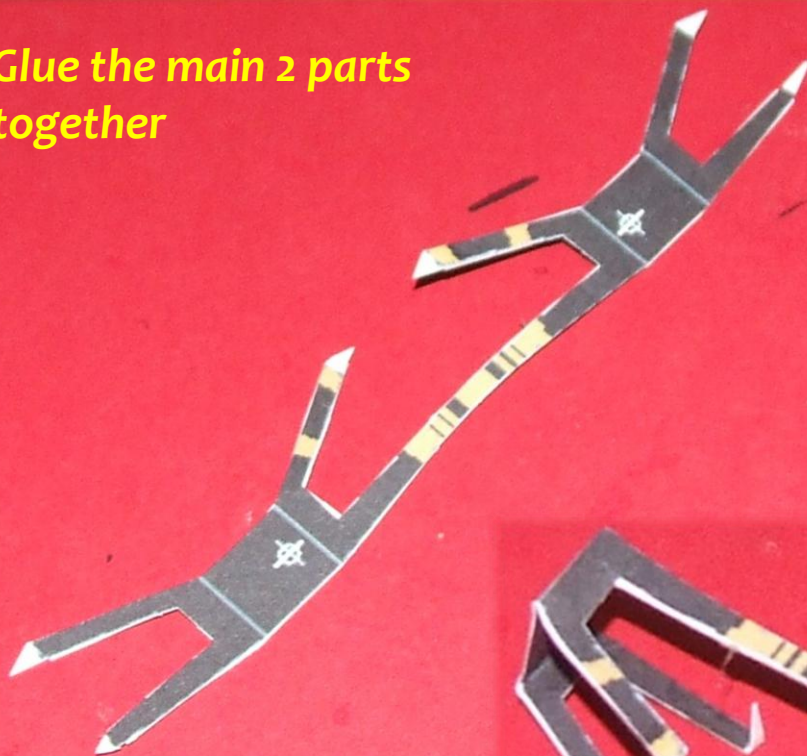
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Glue the main 2 parts
together



And fold them
along the lines



Last

Next

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*Glue the suspension on
at the yellow marks*

*Make sure the
suspension is straight,
else the wheel will be
wonky*



Last

Next

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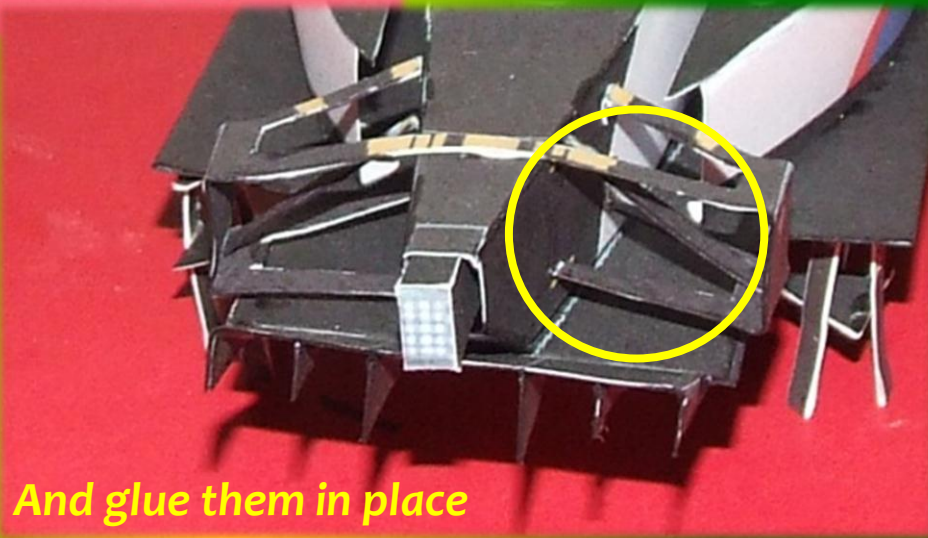
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Fold and glue the
uprights



And glue them in place

Last

Next

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Engine

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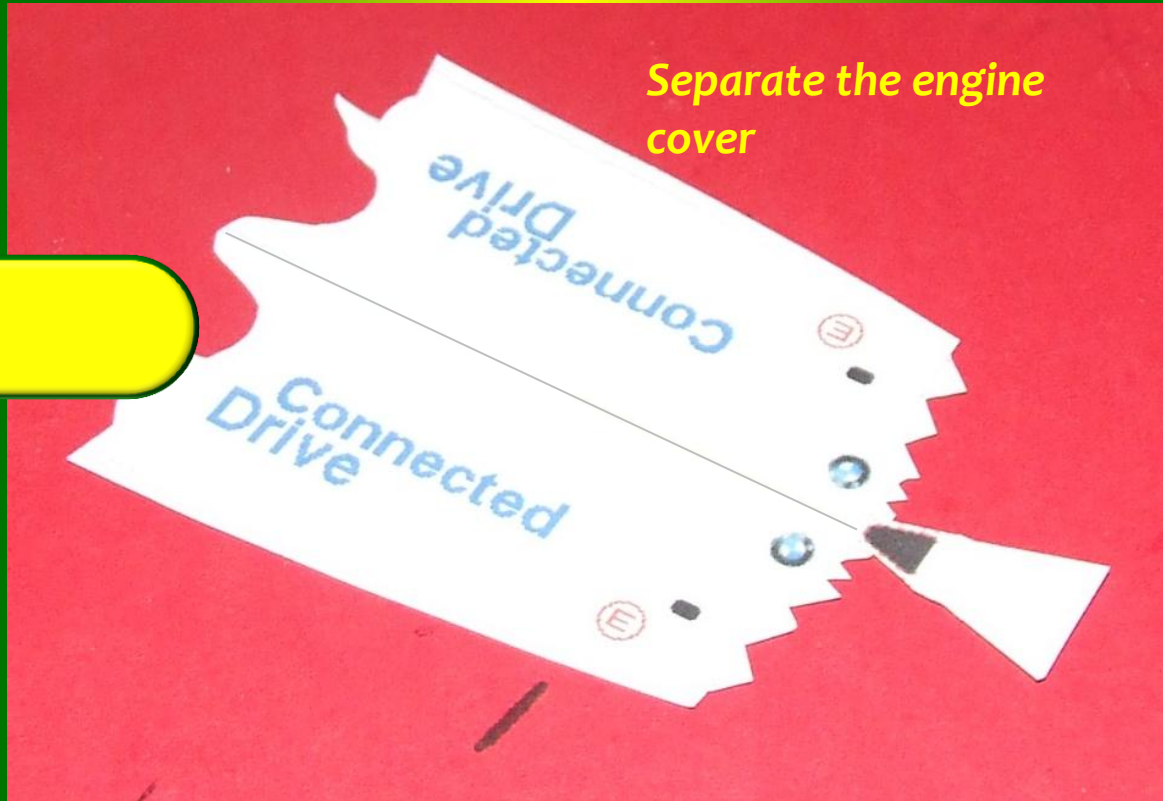
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Separate the engine
cover



Last

Next

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Fold the top over



Glue at the back of the engine cover, so it is flat at the end but curved at the front

Like this



Last

Next

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Glue the front onto the
engine cover



And glue it
into place



Last

Next

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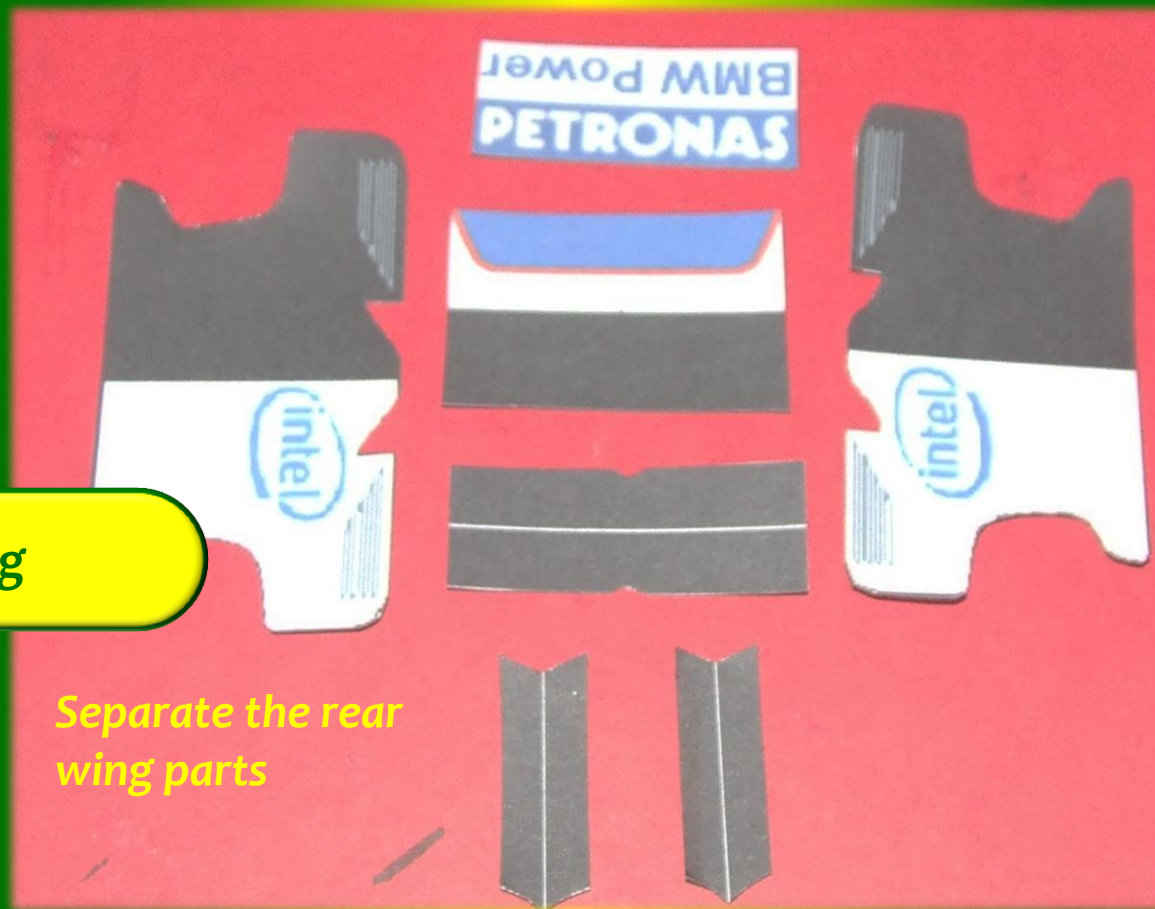
Rear Wing

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**Last****Next**

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Last

Next

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Glue the main plane of the wing onto one endplate



And then the top plane

Last

Next

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Now glue on the other
endplate

Last

Next

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Now glue the
base of the wing in



And the uprights

Last

Next

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Now for the tricky bit –
Glue the rear wing onto
the back of the car. You
may need to trim the
uprights to make it fit
straight.

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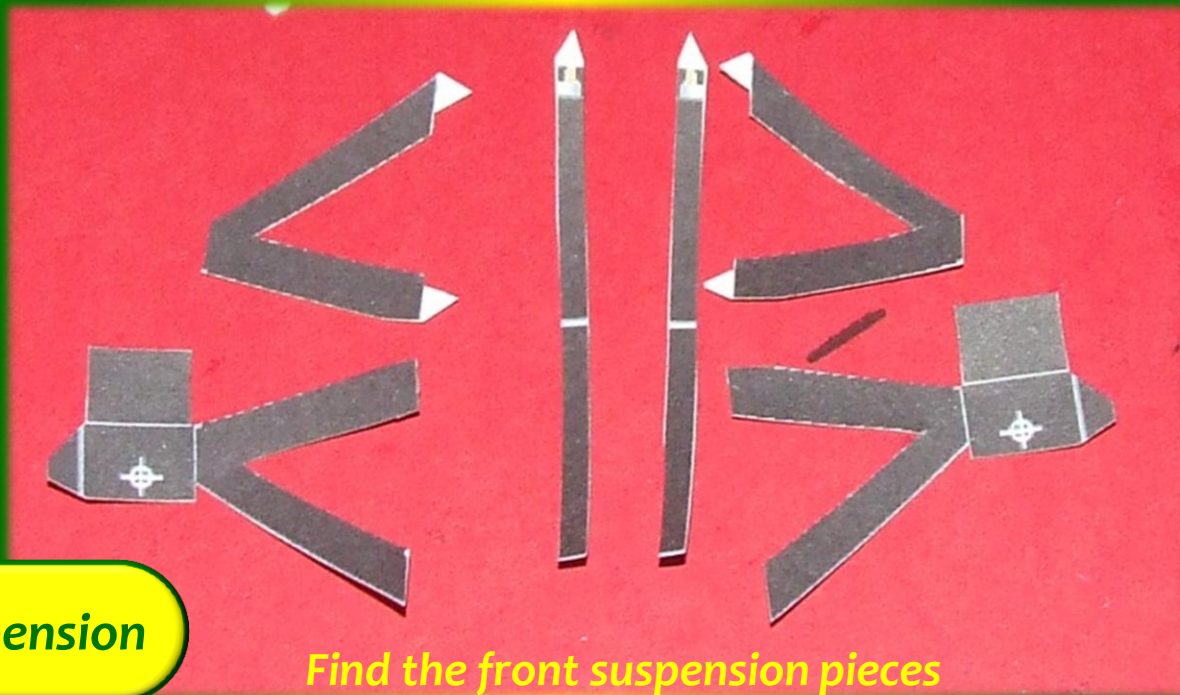
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Front Suspension



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Last

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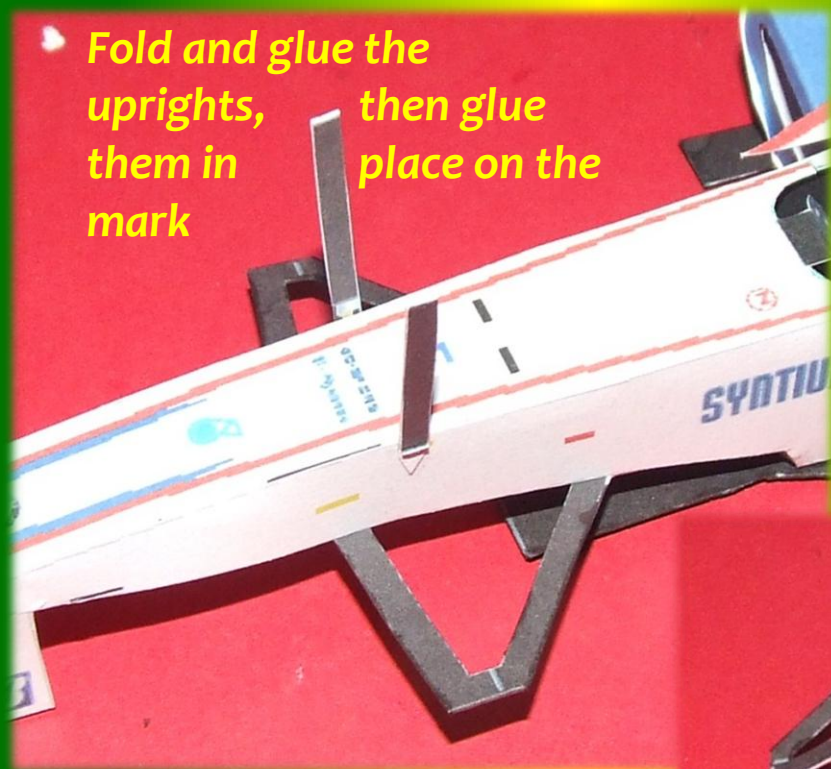
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Fold and glue the
uprights,
then glue
them in
place on the
mark



And glue
them down

Last

Next

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Fold and glue the upper
wishbones



And glue them onto
their marks

Last

Next

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Finally, glue the upper wishbone to the lower. Adjust the tab to make sure it is straight

Last

Next

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Front Wing

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Now for the front wing



Every wing is different,
so you'll normally have to use reference pictures

Last

Next

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Last

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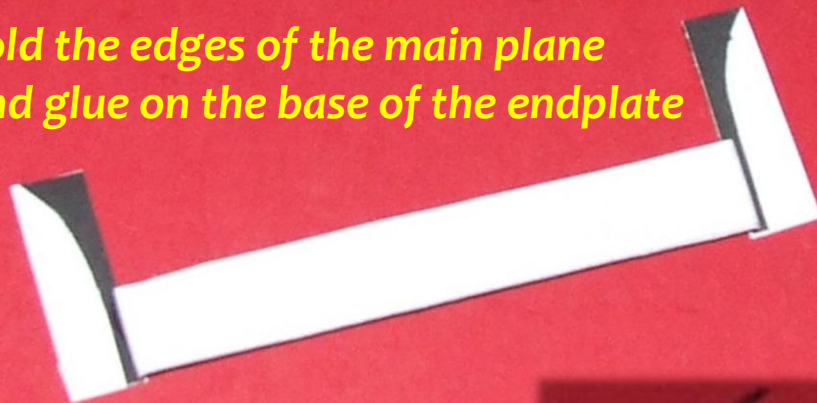
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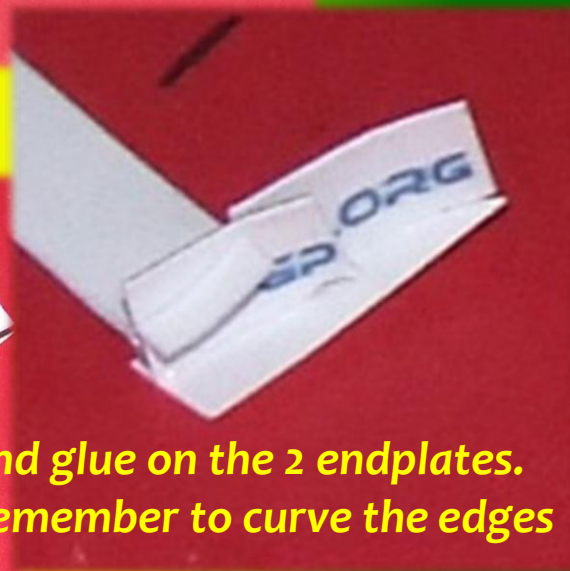
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*Fold the edges of the main plane
and glue on the base of the endplate*



*And glue on the 2 endplates.
Remember to curve the edges*

**Last****Next**

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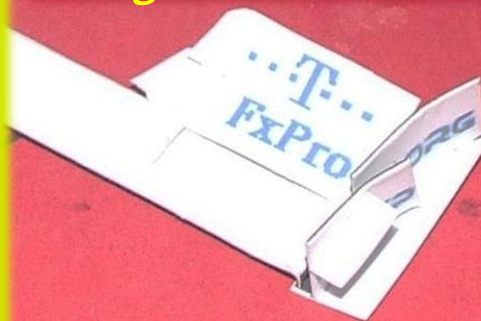
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Glue the panels onto the
wedge shaped part



And glue them in

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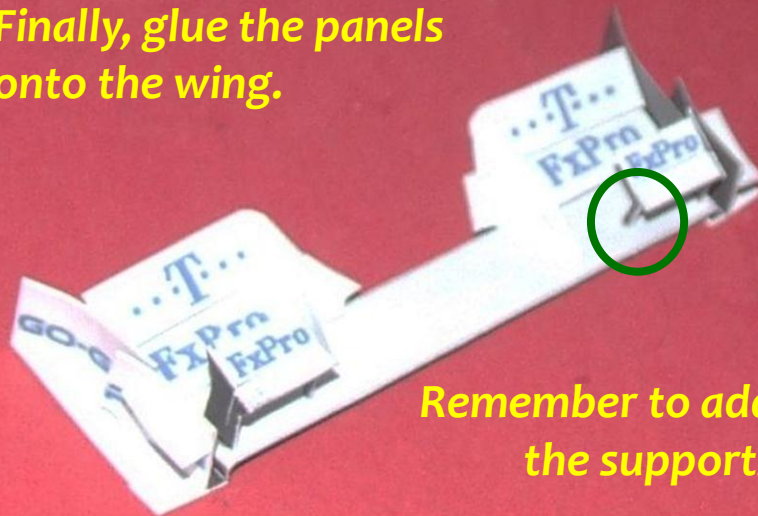
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Glue together the
secondary wing panels



Finally, glue the panels
onto the wing.



Remember to add
the supports

Last

Next

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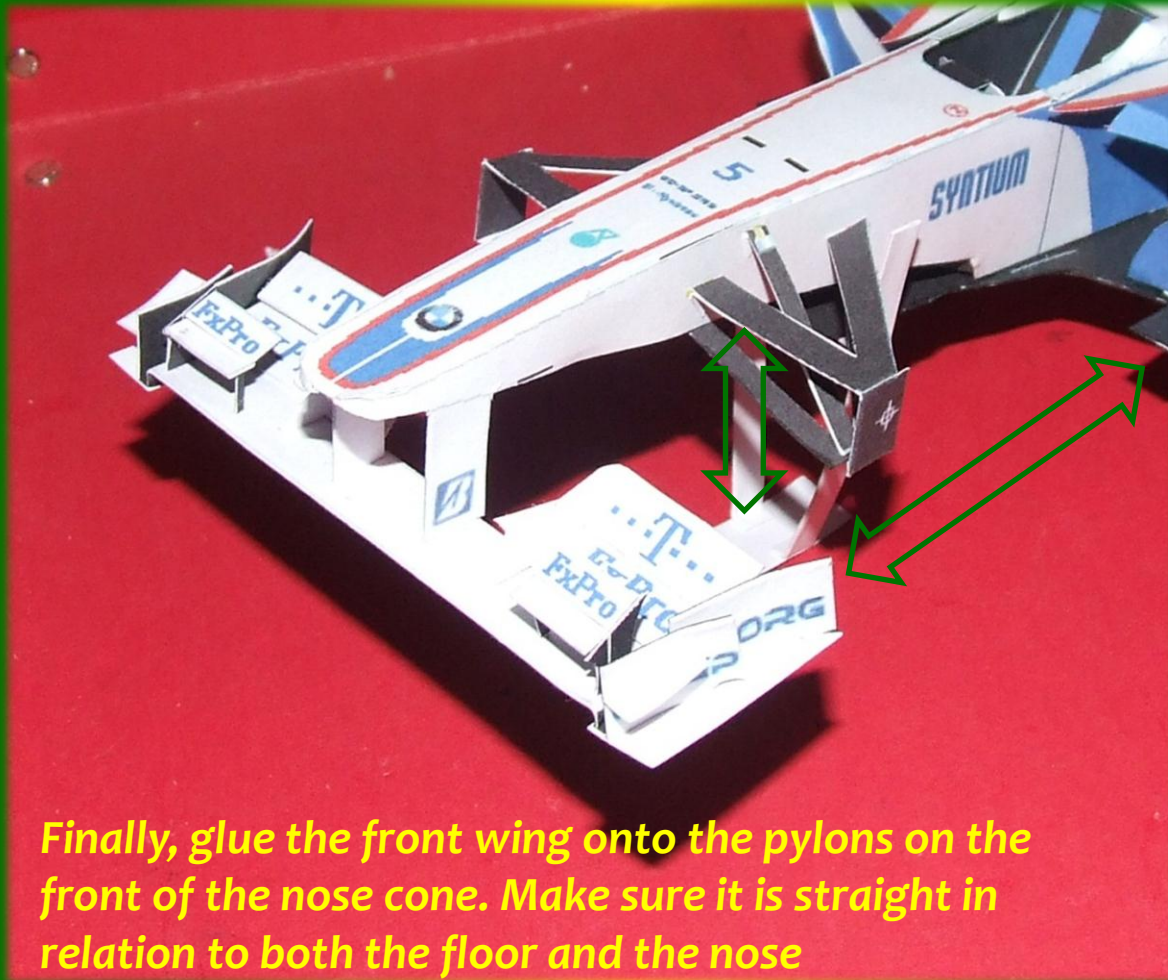
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Last

Next

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Wheels

10

**Last****Next**

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*Fold over all of the tabs
and glue the tread around*

Last

Next

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Glue the spinners into the wheel spokes. Cars don't have spinners anymore, so you'll only see them on older cars



Now glue the inside of the wheel

[Last](#)[Next](#)

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*Glue the spokes into
the wheel*



And into the tyres

Last

Next

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Glue on the front of the wheel



*And the back. You now have
a wheel!*

Last

Next

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Now make
3 more



Last

Next

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Finally, glue the wheels onto the suspension. Make sure they are straight.



Remember the thinner wheels are on the front, and look out for Left and Right markings

Last

Next

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Details



Last

Next

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*Glue the base of the
camera pod*



And the pod itself



Last

Next

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Last

Next

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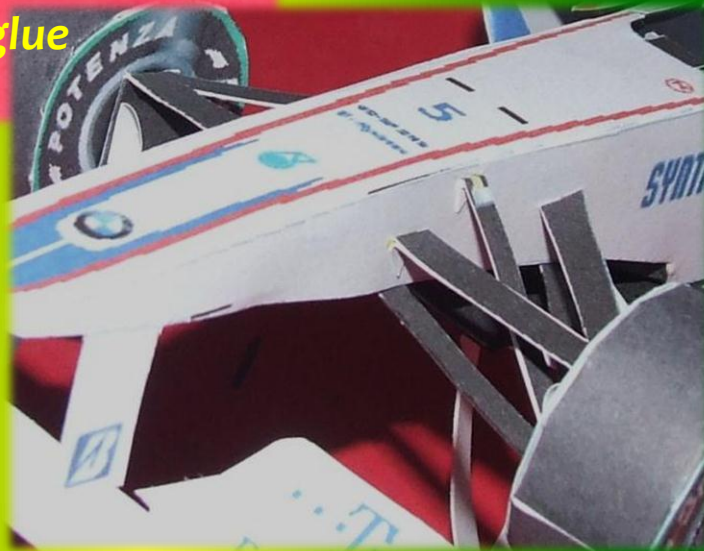
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Glue the brake ducts
around and then glue
them into place



You may want
to do this before you put
on the wheels

Last

Next

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*Fold and glue the
camera pod*



And glue the sides



And repeat



Last

Next

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Glue the camera pods on. You will probably have to look up where they go on different cars



Last

Next

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*Fold and glue the front of
the mirror*



And glue the sides



*And fold and glue
the supports*



Last

Next

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Last

Next

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And it's done!

[Last](#)[Next](#)

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Now go and build some more!

[Last](#)[Next](#)

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Last