



RB7

RADIO CONTROLLED • BUILD IT YOURSELF • NITRO ENGINE

Pack 25



Stages 97-100



RB7



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RED BULL RACING RB7 complies with CE regulations.

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Stage 97

RUNNING BODY REAR WING

IN THIS SESSION, YOU WILL ASSEMBLE YOUR RB7'S REAR WING AND DECORATE IT WITH OFFICIAL SPONSOR STICKERS. IT WILL THEN BE READY TO BE MOUNTED ONTO THE RUNNING BODY.



Tools & Materials

Phillips screwdriver (size 1)
Knife
Scissors

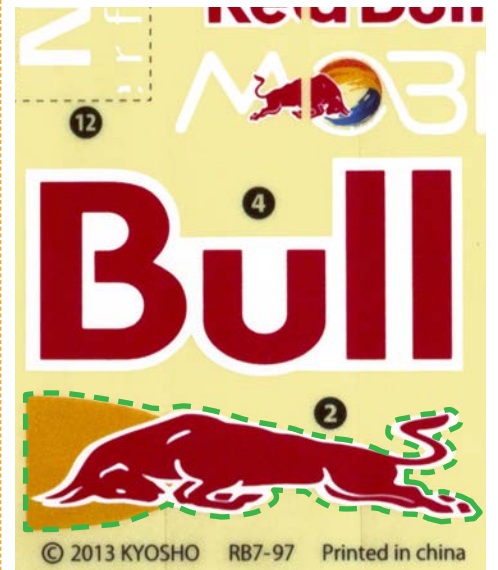
- 1 Right rear wing endplate
- 2 Left rear wing endplate
- 3 Rear main wing
- 4 Sticker sheet
- 5 Rear lower wing
- 6 Rear wing adjuster
- 7 2 countersunk screws 2.6 x 8mm
- 8 8 countersunk screws 2 x 8mm
- 9 Self-tapping screw 2 x 8mm



01 Carefully cut out sticker number 1 from the sheet supplied with this stage (see dotted green line). Be very careful not to cut into the design itself.



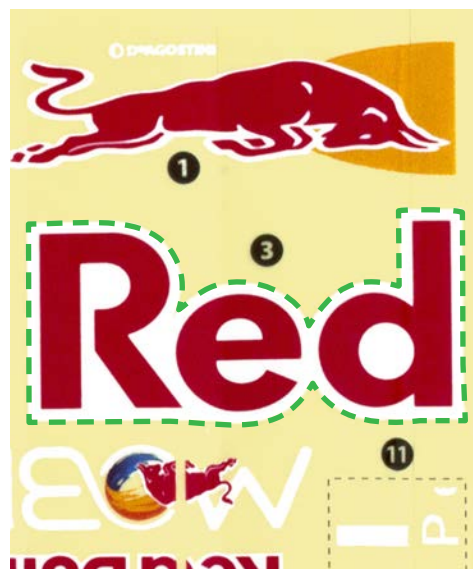
02 Apply the sticker to the right-hand side of the rear main wing, as shown, making sure that no bubbles or creases appear.



03 As you did with sticker number 1 in Step 01, carefully cut out sticker 2 from the sticker sheet.



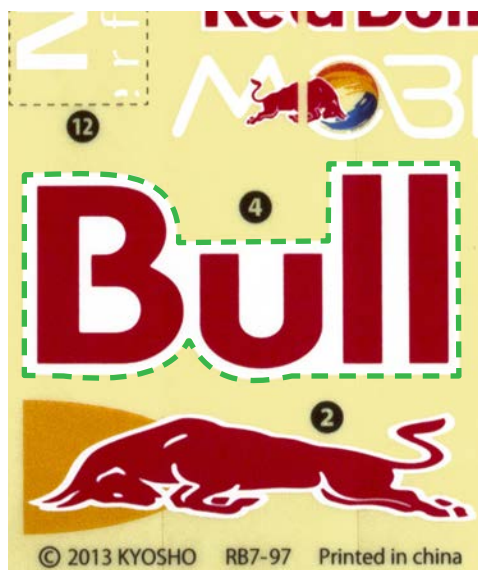
04 Apply sticker 2 to the left-hand side of the rear main wing, so that it meets the sticker placed in Step 02 neatly at the centre.



05 Next, carefully cut out sticker 3 from the sheet.



06 Apply this sticker to the left-hand side of the rear main wing. Line up the 'd' of the word 'Red' with the central moulding of the wing. Press this down first, then slide your finger across to the outside to smooth the sticker into place.



07 Cut out sticker 4 from the sheet.



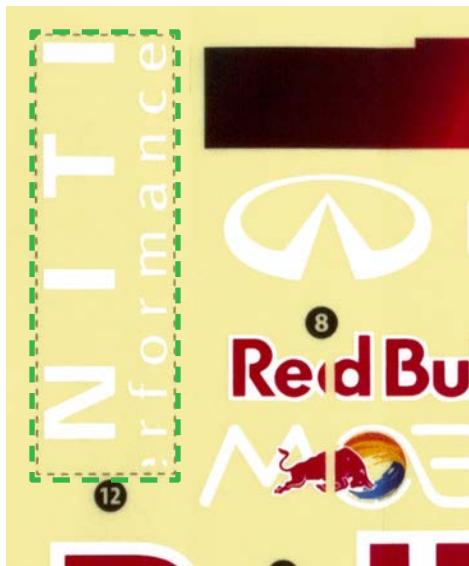
08 Place the sticker on the right-hand side of the rear main wing so that it matches up to the one applied in Step 06. Again, press down from the centre and smooth outwards.



09 Cut out sticker 11 from the sheet. Be especially careful not to cut into the bottom of the 'p' of 'Inspired' (see dotted green line).



10 Turn the rear main wing over so its underside is facing up, then apply sticker 11 to the left-hand side of the part.



11 Cut out sticker 12 from the sheet.



12 Place this sticker on the right-hand side of the underside of the rear wing, as shown.



13 Next, fix the rear wing adjuster to the rear main wing, by placing it in position and inserting and tightening the 2 x 8mm self-tapping screw from below (see red arrows).



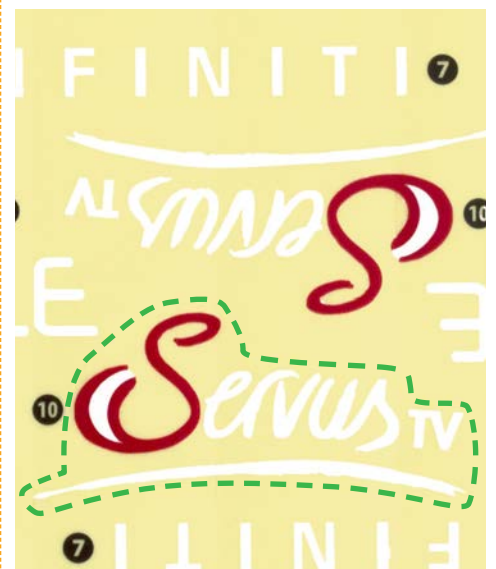
14 Your rear main wing should now look like this from the front, with the stickers level and with the adjuster sitting perfectly straight in the centre.



15 Next, cut out stickers numbered 8 and 9 together from the sticker sheet, as indicated by the dotted green dotted line.



16 Lay the left rear wing endplate on your work surface, and apply the stickers to the flat section of the side of the part that has screw holes in its upper section.



17 Now cut out sticker number 10 from the sheet.



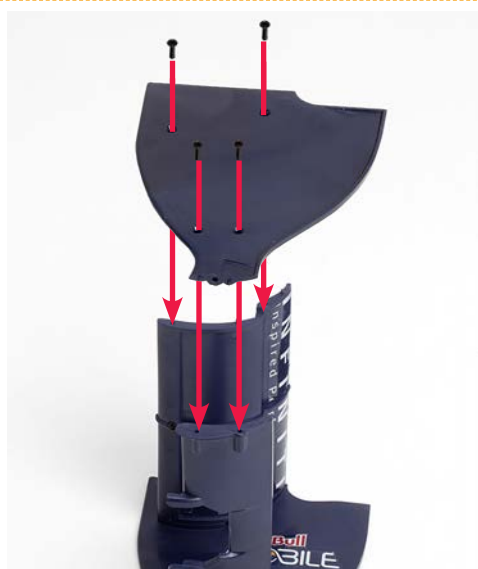
18 Place this sticker on the left rear wing endplate in the location shown in the photo above, and press it into place. Make sure that you have the orientation exactly as shown.



19 Position the rear main wing on your work surface as shown, then lower the wider section of the right rear wing endplate onto its edge, and secure the parts using two 2 x 8mm countersunk screws (see red arrows).



20 Turn the assembly over, then position the rear lower wing parallel to the main wing and beneath the Servus TV logo, and tighten it into place using another pair of 2 x 8mm countersunk screws (red arrows).



21 Turn the assembly over again and repeat Steps 19 and 20 to attach the left rear wing endplate, using the remaining four 2 x 8mm countersunk screws supplied with this stage.



22 Your assembly should look like this. Make sure that all the screws are securely tightened and that the parts do not wobble.



23 The next stage will be to decorate the outside surfaces of the rear wing endplates, so begin by cutting around the two TOTAL stickers, numbered 5 and 6, from the sheet.



24 Apply sticker 5 to the upper edge of the right rear wing endplate. Use this photo as a guide to make sure the positioning is correct.



25 Now apply sticker 6 to the left rear wing endplate, level with the sticker on the right endplate, as shown.



26 The last stickers that will be applied in this stage are the two INFINITI logos, both numbered 7 on the sheet. Cut these out, following the dotted green lines as a guide.



27 The INFINITI stickers should be placed below the TOTAL stickers, one on each rear wing endplate.



28 This stage is now complete, and your RB7's running body rear wing is ready to be mounted onto the model.

Stage 98

RUNNING BODY REAR WING AND NOSE

BEGIN PREPARING YOUR RB7 FOR RACING BY MOUNTING THE RUNNING BODY LOWER NOSE TO THE CHASSIS, READY TO HOLD THE FRONT WING, AND THEN FITTING THE REAR WING.



Tools & Materials

Phillips screwdriver (size 0)
 Phillips screwdriver (size 1)
 Phillips screwdriver (size 2)

- 1 Lower nose
- 2 Under nose air fences (left and right)
- 3 Front wing stays (left and right)
- 4 2 rear body mounts
- 5 2 countersunk screws 2.6 x 8mm
- 6 4 self-tapping screws 2 x 4mm
- 7 3 body clips
- 8 3 countersunk screws 3 x 10mm
- 9 Front body mount
- 10 4 self-tapping screws 2 x 8mm



01 Lower the right under nose air fence onto the right-hand side of the lower nose, positioned as shown above, so that the two pairs of holes line up, as indicated by the red arrows.



02 Use a size 1 Phillips screwdriver to tighten two of the 2 x 4mm self-tapping screws into these holes to fix the parts together.



03 Check that your assembly looks like the one in the above photo.



04 Turn the lower nose over and position the right front wing stay onto it, lining up the pairs of holes as indicated by the red arrows.



05 Tighten two of the longer, 2 x 8mm self-tapping screws into these holes.



06 Again, check that your assembly exactly matches the one in the photo. The parts should not be able to wobble from side to side, so if they do, tighten each screw a little further.



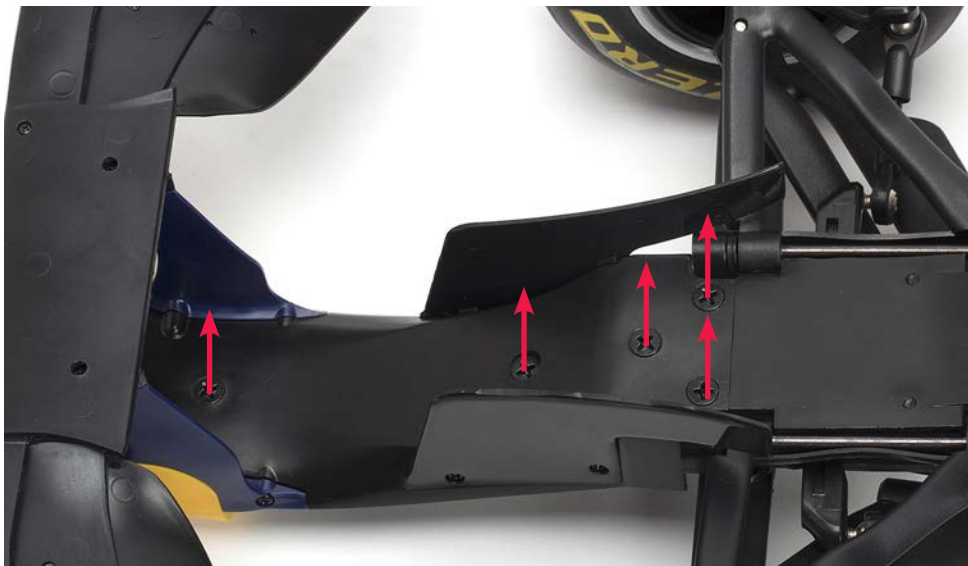
07 Using the remaining two 2 x 4mm self-tapping screws, attach the left under nose air fence to the lower nose, on the opposite side to the one fitted in Steps 01-03.



08 Now use the last two 2 x 8mm self-tapping screws to fasten the left front wing stay to the left-hand side of the lower nose, opposite the right stay fitted in Steps 04-06.



09 Your assembly should look like this, with the left and right under nose fences and front wing stays holding the lower nose level, as shown.



10 The next stage is to remove the display body lower nose and front wing from the chassis of your model. To do this, position your model upside down on your work surface and use a size 2 Phillips screwdriver to remove the five marked screws securing the part. Do not apply too much pressure, as you will need to reattach the part using the same screws at a later stage.



11 With the screws removed and kept safely to one side, gently pull the display body front wing away from the chassis.



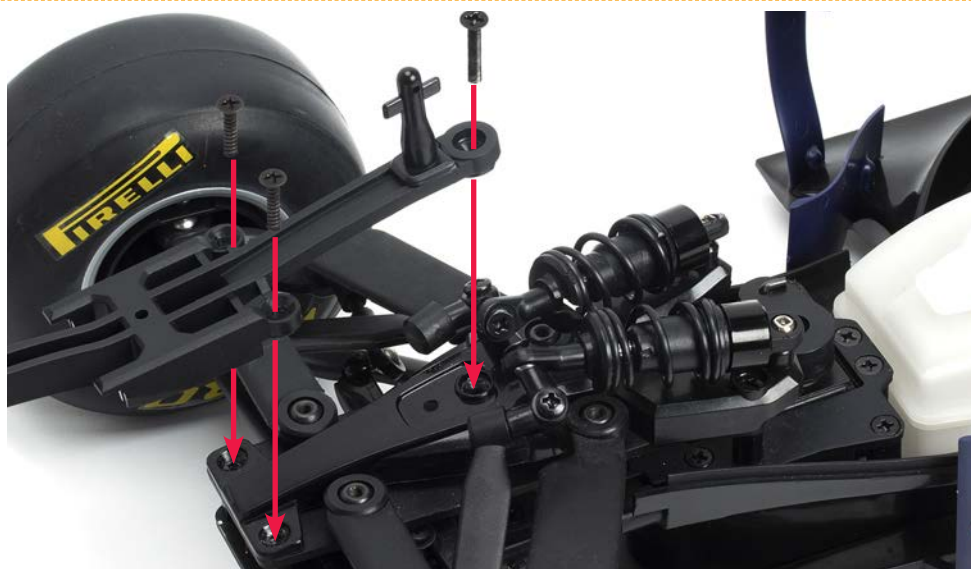
12 With your model the right way up again, separate the lower nose brace from the front pushrod mount by removing the three indicated screws with a screwdriver. Again, keep these screws safely to one side.



13 Lay the lower nose brace flat on your work surface and place the front body mount over the indicated hole in the rear arm of the brace.



14 Push a 3 x 10mm countersunk screw through the hole in the lower nose brace, inserting it from the underside, and tighten it into the front body mount to secure it.



15 Reattach the lower nose brace to the front pushrod mount using the three screws removed in Step 12 – the screw with the longer, metric thread goes in the rear hole.



16 Turn your assembly upside down again, then place the lower nose assembly onto the arm of the lower nose brace, as indicated by the red arrow.



17 Use the five screws removed in Step 10 to attach the lower nose to its brace.



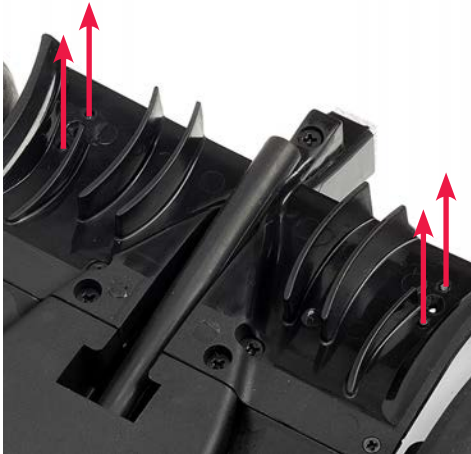
18 With your model the right way up on your work surface, place the first rear body mount onto the raised hole to the right of the engine, as indicated by the red arrow, then hold the part in place.



19 With the mount held in place, turn the chassis on its side and tighten a 3 x 10mm countersunk screw into the underside of the hole to secure the part.



20 Repeat Steps 18-19 to attach the second rear body mount to the left of the engine.



21 With the model upside down again, remove the four indicated screws from the rear diffuser, on the edges facing the insides of the rear tyres.



22 Turn your model over, and lower the rear wing built in Stage 97 onto the top surface of the rear diffuser, so that the narrow tips of each endplate fit neatly onto the rear diffuser. The two pins on each endplate should fit into the holes left by the screws removed in Step 21.



23 Holding the rear wing in place, turn the model over and tighten a 2.6 x 8mm countersunk screw into each of the circled holes to secure the rear wing.



24 This stage is now complete, and your RB7 is beginning to take shape in its racing mode. In the next stage, you will continue to prepare your model for racing, by adding the running body front wing and other aerodynamic components.

Stage 99

RUNNING BODY AERODYNAMICS

IN THIS SESSION, YOU CONTINUE ASSEMBLING THE RUNNING BODY OF YOUR RB7 BY ADDING A NUMBER OF IMPORTANT FEATURES, INCLUDING BARGEBOARDS, TURNING VANES AND OTHER SMALL AERODYNAMIC COMPONENTS.



TTTTTT 9

TT 10

TT 11



14



Tools & Materials

Phillips screwdrivers (size 1 and size 2)
Knife
Cross wrench
Needle-nose pliers

- 1 Top camera
- 2 Spacer
- 3 Antenna
- 4 Pitot tube
- 5 2 lock washers
- 6 Driver's arms
- 7 Mirrors (right and left)
- 8 2 aero parts A (left and right)
- 9 6 self-tapping screws 2 x 6mm
- 10 2 dome-headed screws 2 x 4mm
- 11 2 countersunk screws 2 x 4mm
- 12 Bargeboards (left and right)
- 13 Turning vanes (left and right)
- 14 Sticker sheet
- 15 Front brake ducts (left and right)
- 16 2 aero parts B (left and right)



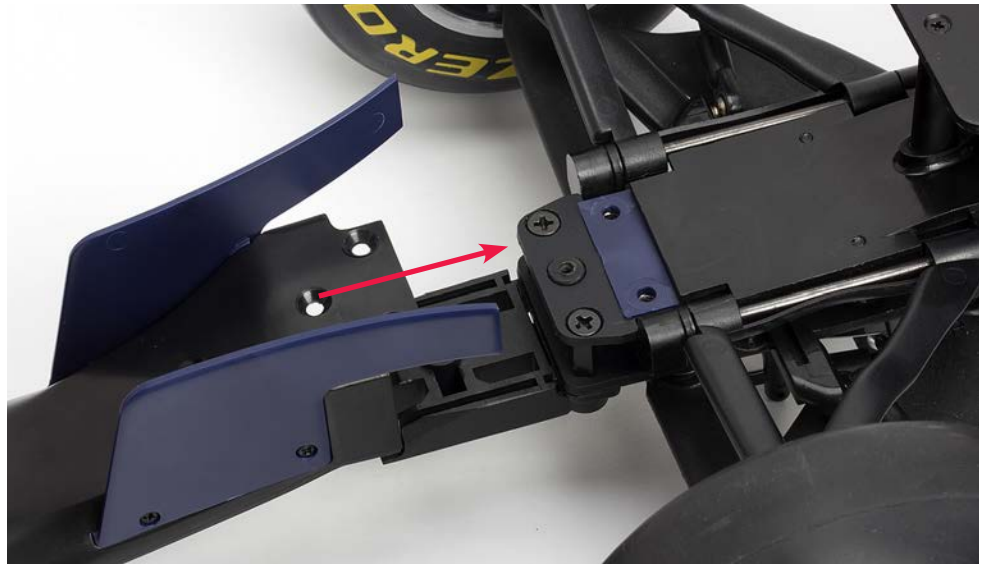
01 Place your model on your work surface upside down, and remove the running body lower nose by unscrewing the five indicated screws with a screwdriver. Keep the lower nose and screws together to one side.



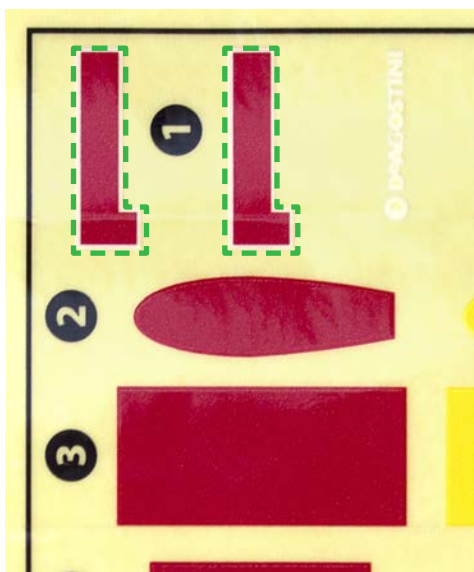
02 Using a cutting mat to protect your work surface, carefully use a knife to remove the spacer (part 2) from the sprue, and then to de-burr it.



03 Place the spacer in the recess between the front control arm pivots, as shown, so that the two holes line up with those of the recess.



04 Replace the lower nose so that the screw holes align as they did before, and with the rear-most two in line with those of the spacer. Re-insert and tighten the five screws removed in Step 01.



05 Next, cut around the two number 1 stickers from the sticker sheet. Be careful not to cut into the body of either sticker.



06 Apply one of these stickers to the outer surface of each turning vane, as shown, making sure you get the orientation correct.



07 Now, carefully remove the two largest RAUCH logos (both numbered 7) from the sheet.



08 Apply these to the two bargeboards supplied with this stage, using the photo as a guide to getting the orientation correct.



09 With your model still upside down, remove the two display body turning vanes by loosening the indicated screws from each side.



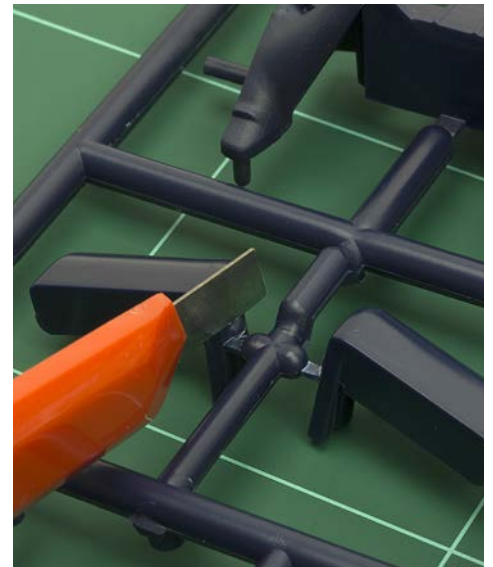
10 Using the same screws, attach the running body turning vanes prepared in Step 06.



11 Now remove the indicated screws from the underside of the chassis and remove the two display body bargeboards.



12 Again using the same screws, attach the two running body bargeboards prepared in Step 08.



13 As you did in Step 02, remove and de-burr the two mirrors (parts 7) from the sprue.



14 Carefully remove the four smaller RAUCH stickers (numbered 8 and 9) from the sheet.



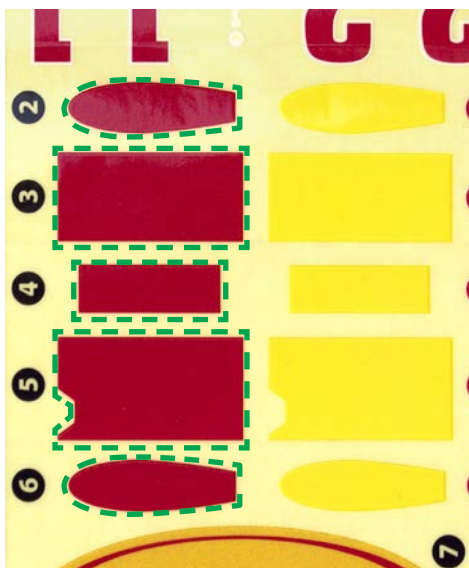
15 Apply these stickers to the mirrors, as shown. The smaller stickers (the number 9s) go on the thinner, front edges and the larger ones (the number 8s) go on the mirrors' upper surfaces.



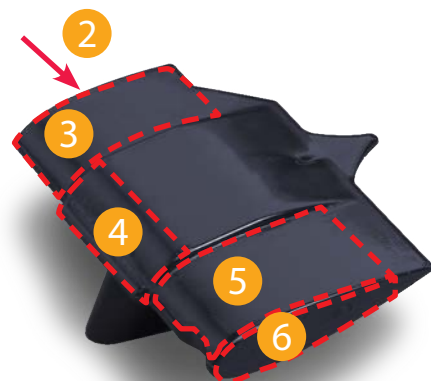
16 Attach the two mirrors with 2 x 6mm self-tapping screws. Insert the screws from below through the indicated holes in the running body, then into the underside of each mirror, and tighten them with a screwdriver.



17 Remove the top camera from the sprue and de-burr it.



18 Now carefully cut stickers 2-6 from the sheet.



19 Apply these stickers by number in the positions as shown above. You can also use the photo for Step 20 for reference.



20 Set the top camera on top of the air induction pod, so that the pin in the underside of the part fits into the rearmost hole, as shown by the arrow.



21 As you did for the mirrors, push a 2 x 6mm screw from below through the hole in the running body in front of the pin. Insert the screw into the camera, and tighten it to secure the part.



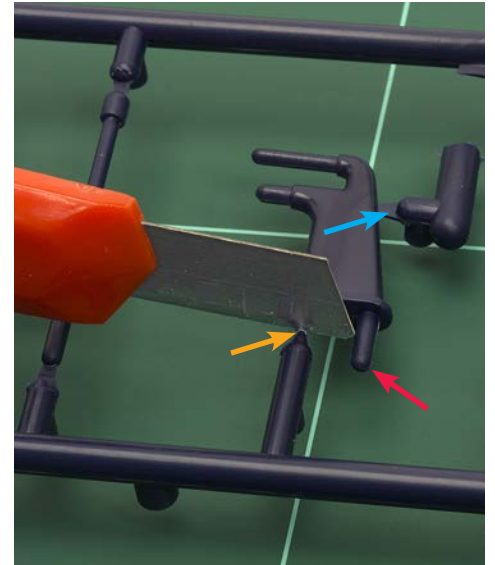
22 Your assembly should now look like this.



23 Next, remove and de-burr the antenna, taking extra care as the part is very thin.



24 Also remove and de-burr the lock washers.



25 Now remove and de-burr the pitot tube. Note: be very careful not to cut the pin at the rear of the part (red arrow), or to cut too far up the sprue and leave the forward pin too short, (orange arrow), as both these pins are needed to fit the pitot to the running body. Also, cut off the excess moulding at the rear (blue arrow).



26 Fit the pitot tube and the antenna into the holes indicated in the above photo.



27 Hold the parts in place and turn the running body over, then use needle-nose pliers to place a lock washer over the pin at the base of the antenna (circled) and another over the longer of the pitot tube's pins.



28 With your model positioned the right way up on your work surface, use your cross wrench to remove both front wheels.



29 Position the right front brake duct to the inside of the right knuckle arm (red arrow), so that the screw holes marked by the green arrows line up.



30 Insert a 2 x 6mm self-tapping screw into the hole in the brake duct, then tighten it into the knuckle arm to secure the part.



31 Repeat Steps 29-30 to attach the left front brake duct to the front left knuckle arm.



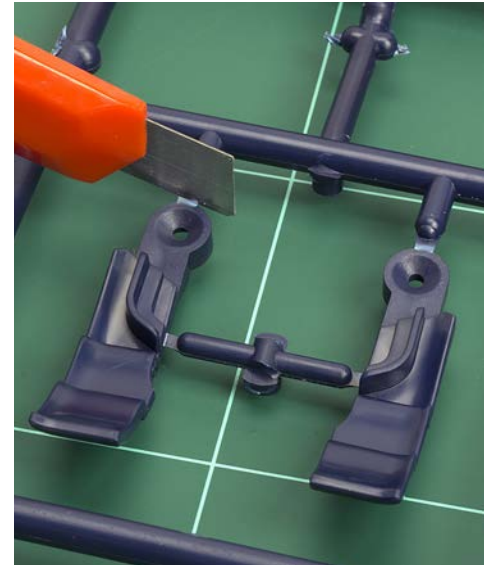
32 Use your cross wrench to reattach the front wheels. Check that your assembly looks like the one in the photo, and that neither brake duct touches the tyres in any way. If it does, repeat Steps 28-31.



33 Next, with your model upside down, position the running body front wing onto the tips of the lower nose's front wing stays. Secure the wing by inserting the two 2.6 x 8mm screws saved from Stage 98 through the holes in the wing, and tightening them into the holes in the stays, as indicated by the red arrows.



34 Now remove both rear wheels from their wheel shafts. You will see a small hole in the underside of each of the lower rear wishbones, where the two arms meet.



35 Remove and de-burr the two aero (aerodynamic) parts A.



36 With the model still upside down, position one of the aero parts A in place as shown above, and fix it into place by tightening a 2 x 4mm countersunk screw into the hole on the lower rear wishbone uncovered when you removed the wheels in Step 34. Repeat for the other side of the car.



37 Replace the rear wheels. This assembly session is now finished, and the racing version of your RB7 is coming close to completion. Store the model away safely until next time, along with any unused parts.

Stage 100

COMPLETING YOUR RB7 RACER

IN THIS SESSION, YOU WILL COMPLETE THE ASSEMBLY OF YOUR RB7 RACER BY APPLYING THE SPONSORS' LOGO STICKERS TO THE RUNNING BODY SO THAT IT LOOKS JUST LIKE THE BODYWORK OF THE REAL CAR. IT CAN THEN BE MOUNTED ONTO THE CHASSIS, READY FOR USE!

1



2



Tools & Materials

Phillips screwdriver (size 1)
 Knife
 Needle-nose pliers
 Modelling adhesive
 Reamer
 Scissors
 Needle
 Cutting mat

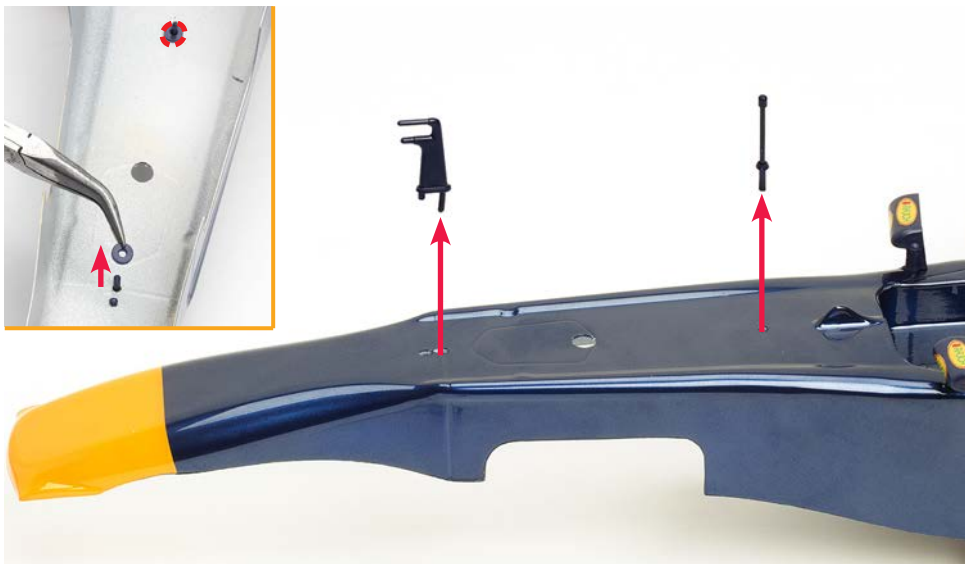
- 1 Display body decal sheet
- 2 Running body sticker sheet



01 For the first phase of this assembly stage, you will need the yellow-backed running body sticker sheet, along with the Lexan running body, so have these ready. As you will be applying the stickers to the outside surface of the running body, first wipe it down gently with a little detergent applied to a damp, lint-free cloth, to remove any grease. Then leave it to dry completely so as to ensure that the stickers will adhere perfectly.



02 Remove the top camera from the running body, making sure to keep the part, and the 2 x 6mm screw used to fasten it, safely to one side.



03 Next, undo the screws retaining the pitot tube and the antenna, and keep the parts, screws and lock washers safely to one side.



04 Very carefully cut around the edge of sticker number 18, and apply it smoothly to the inside of the cockpit, as shown. Make sure that no bubbles or creases appear.



05 Using a needle, pierce three holes through the sticker from the underside of the cockpit section. Then turn the model over and use a reamer to smooth the edges of these holes (circled).



06 On a cutting mat, remove and de-burr the driver's arms from the sprue supplied with Stage 99.



07 Apply a little modelling adhesive to the pin in the underside of the steering wheel, then push the part into place at the front of the cockpit, with the pins fitting in the corresponding holes.



08 Next, carefully cut around sticker number 9 – and also very carefully cut out the rectangular black section at its centre (see photo for Step 09), so that the sticker will fit either side of the moulding just ahead of the cockpit (see Step 09).



09 Apply sticker 9 to the front of the cockpit, as shown. Then cut out sticker number 34 (Sebastian Vettel sticker) and place it to the inside of the driver's left seatbelt strap (red arrow). The flag on the sticker should be on your left.



10 Now carefully cut out the stickers numbered 19 and 20 from the yellow sticker sheet.



11 Press stickers 19 and 20 into place, as shown in the photo.



12 Carefully remove the striped nose decoration, sticker number 1, from the sheet. Be especially careful not to cut into any of the white lettering, but make sure that the dotted black line on the sticker is fully cut away.



13 Gently press sticker 1 into place along your RB7's nose. Line the sticker up accurately, press it down at one end, and then slowly slide your finger along it to ensure that no creases or air bubbles appear.



14 Cut out the red and white '1' sticker (numbered 8, in black) and stick it inside the circle of the nose decoration, as shown. You will also need to cut out the holes for the front mounting post and the pitot tube.



15 Cut out stickers 6 and 7 (dotted green lines).



16 Place stickers 6 and 7 on the yellow tip of the nose, as shown.



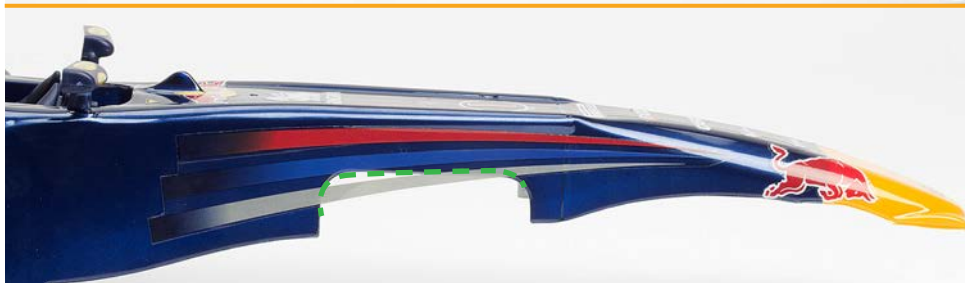
17 Cut out stickers 10 and 11.



18 Place these on either side of the nose, with number 10 on the right side and number 11 on the left.



19 Cut out stickers 2 and 3, as well as the two INFINITI logos (both numbered 24). Make sure that the dotted black lines are fully cut away from the two logos.



20 Place sticker 3 on the left-hand side of the nose, and sticker 2 on the right, so that their white lines overhang the wishbone cutaways. Then, once the sticker is in place, use a knife to carefully cut around the contour of each cutaway, following the dotted green line.



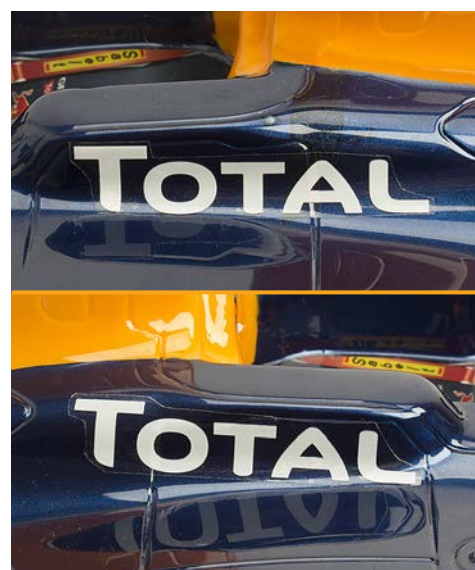
21 Place an INFINITI sticker on each side of the body, beneath each rear-view mirror.



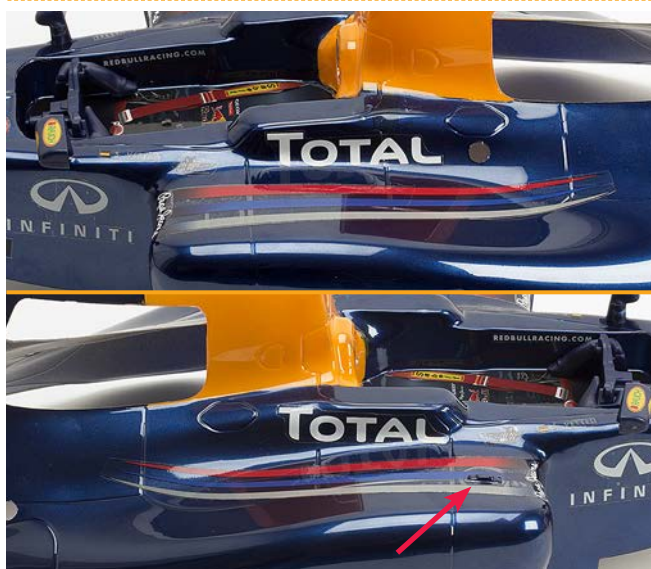
22 Next, the two REDBULLRACING.COM stickers, both numbered 25, should be placed on either side of the driver's arms, on the inside walls of the driver's cockpit.



23 Now, cut out the four stickers numbered 26 and 27, and place these as shown above on the left (upper photo) and right (lower photo) outside edges of the cockpit, behind the rear-view mirrors.



24 The two TOTAL stickers, both numbered 23, will be placed to the rear of those applied in Step 23. Carefully cut them as close to the lettering as possible, and position them as shown in the above photographs.



25 Stickers 4 and 5 go on top of the sidepods alongside each TOTAL sticker. Carefully cut these out along the dotted lines, making sure to cut away the blacked-out section of sticker 4, which will accommodate the projection on the right-hand sidepod (indicated by the red arrow). Apply these carefully, pressing them down from one side to the other to avoid bubbling. Once in place, position the two Pepe Jeans stickers, numbered 22, as shown in the two smaller photos above right.



26 Next, apply a number 22 sticker to each side of the body, near the gap behind the air induction pod, as shown in the above photos.



27 Cut out the large Red Bull lettering sections, made up of stickers 14 and 15, and 16 and 17. Place these on the side of each sidepod, as shown, with 16 and 17 on the left-hand pod (upper photo) and 14 and 15 on the right (lower photo).



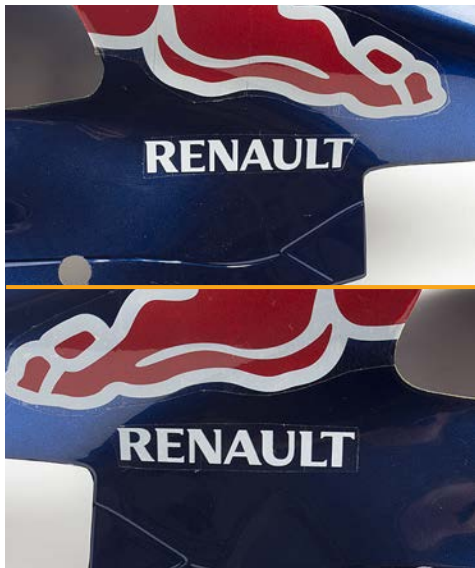
28 To prepare to apply the two large bull stickers to the sides of the air induction pod, first cut out the rectangular red sticker with 'Front' written on it. Place this as shown, on top of the raised section that usually holds the top camera. This is a guide sticker and will be removed after the next step.



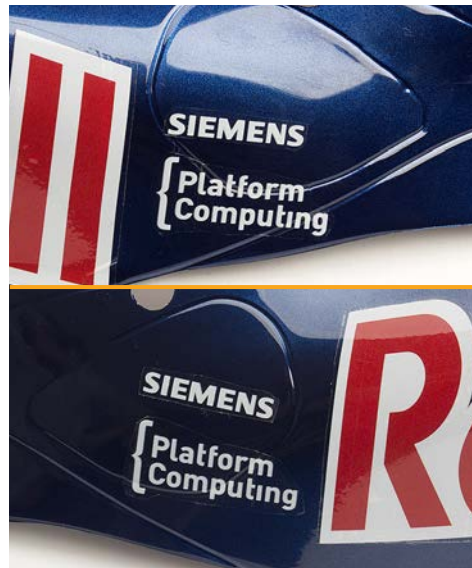
29 Carefully cut around stickers 12 and 13 (right-hand photo, above). Number 12 will go on the car's right-hand side, and 13 on the left. To apply each sticker, line up the shoulder of the bull with the rear edge of the guide sticker fixed in the previous step, and align the bull's back straight along the crest of the induction pod. Then carefully smooth the sticker down over the side of the pod. Once both stickers are secure and accurately aligned, very carefully use a knife to cut out the sections marked by the green dotted lines in the above photos (left). When you've done that, remove the temporary guide sticker you applied in Step 28.



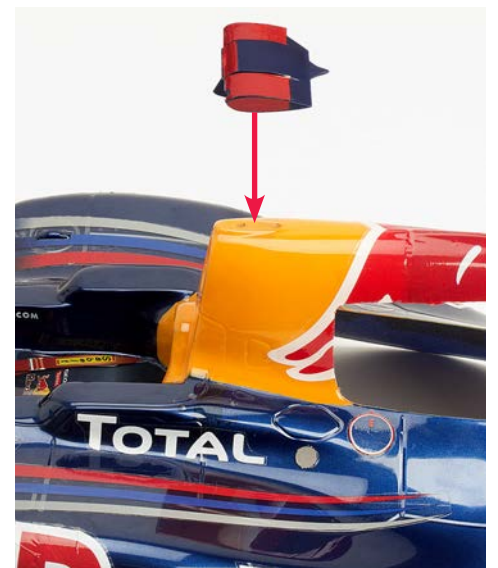
30 Take your RB7's chassis and position it on your work surface with the front wing towards you. Then cut out sticker number 31 and apply it to the wing as shown, ahead of and between the two front wing stays.



31 Now, cut out the two RENAULT stickers, numbered 28, and stick them on each side of the body beneath the rear legs of the bulls.



32 The final stickers to be applied are those numbered 29 and 30. Fix these at the rear of each sidepod, next to the Red Bull lettering, as shown in the two photos above.



33 Reattach the top camera removed in Step 02, fixing it in place with its 2 x 6mm screw.



34 Next, reattach the pitot tube and antenna, re-using the screws and lock washers removed in Step 03.



35 This phase of the assembly is complete, and your RB7's running body is an accurate reproduction of the bodywork of the real car. It is now ready to be mounted onto the chassis of your model. Keep any unused stickers in a safe place for later use.



36 For the following steps, you will need your RB7's running body as assembled up to Step 35, along with the air filter tube and helmet cover (Stage 78), the antenna tube (Stage 80) and the three body clips (Stage 98).



37 To begin, fit the air filter tube over the carburettor's port, facing forwards.



38 Next, feed the antenna tube over the metal antenna and gently push it all the way down.



39 Push the lower tip of the antenna tube into the recess in the raised rim of the RC box so that it stays in position and looks like the one in the photo above.



40 Remove the covering used to protect the engine. Do this carefully, making sure that no dust or dirt falls into the cylinder.



41 Fetch the cylinder head and associated parts removed in Stage 88, and reattach the head to the top of the crankcase. When you do this, make sure that the lines you drew in marker pen on the piston liner and the crankcase in Stage 88 are lined up, then carefully place the two gaskets on top of each other.



42 Once the parts are in place, tighten each screw fully with the Allen key, using the hexagonal cross-over sequence described in Stage 67 – this will ensure that the head is tightened evenly and not distorted.



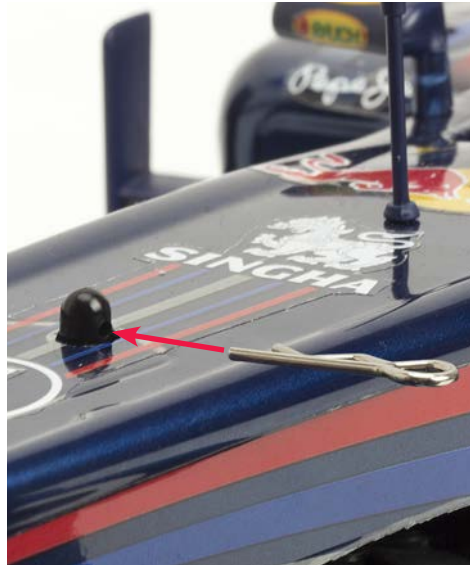
43 Now mount the running body onto your model. To do this, lower it onto the chassis as indicated by the red arrows. Make sure that the antenna is fed through the hole indicated by the green arrow, and that the holes marked with orange arrows line up with the body mounting points on the chassis.



44 The antenna tube should fit easily through the bodywork, as shown in the photo above.



45 Feed the open end of the air filter tube through the hole in the rear of the cockpit. Also, make sure that all the mounting points on the chassis fit neatly through the holes indicated by the orange arrows in Step 43 of this stage.



46 Take one of the body clips (from Stage 98) and feed it through the hole in the front body mount until it clicks into place. It may be helpful to use needle-nose pliers to do this.



47 Fit the second body clip into the mount on the left-hand side of the chassis (shown here), and the third into the mount on the top, inside the cut-out part of the air induction pod.



48 Push the air filter helmet cover over the mouth of the air filter pipe fully.



49 Now, cut out sticker number 33 from the running body sticker sheet supplied with this stage, and stick it on the left rear wing endplate, as shown. On the display body wing, the corresponding decal is applied in the same position.



50 Sticker 32 will go on the right rear wing endplate, as shown. On the display body wing, the corresponding decal is applied in the same position.



51 This completes the running version of your Red Bull Racing RB7 – you are ready to take to the road! Before starting and driving your car for the first time, please see the advice given in the introductory articles of previous packs regarding safe and sensible use of it.

The following steps will explain how to apply the finishing touches to the display body.



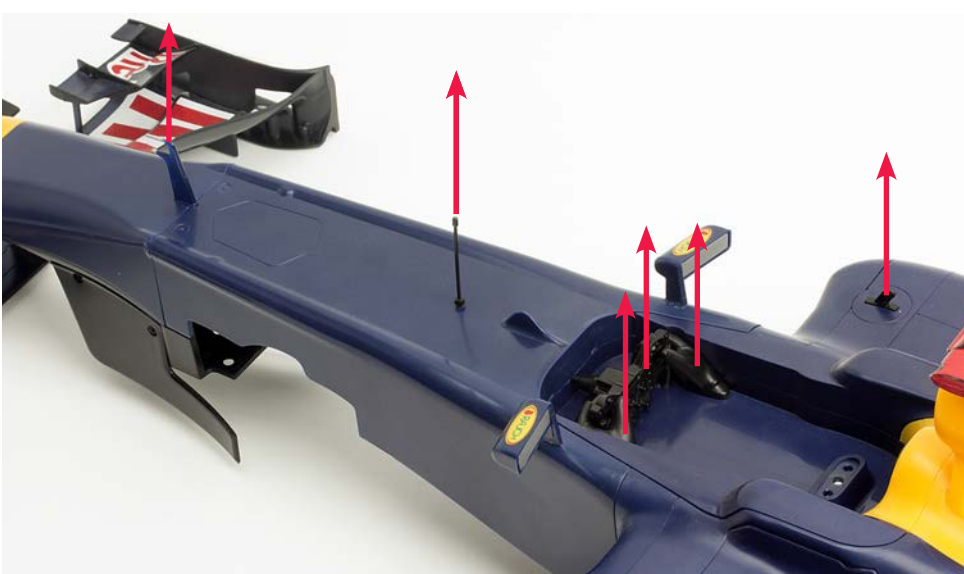
52 Take the nose assembly of the display body (Stage 88) and apply some modelling adhesive to the edges marked with the dotted green line.



53 Working quickly, before the adhesive dries, press the nose assembly into place at the end of the display body's nose (red arrow). Once it's in place, make sure there are no gaps between either part, then hold them together for three minutes while the adhesive dries.



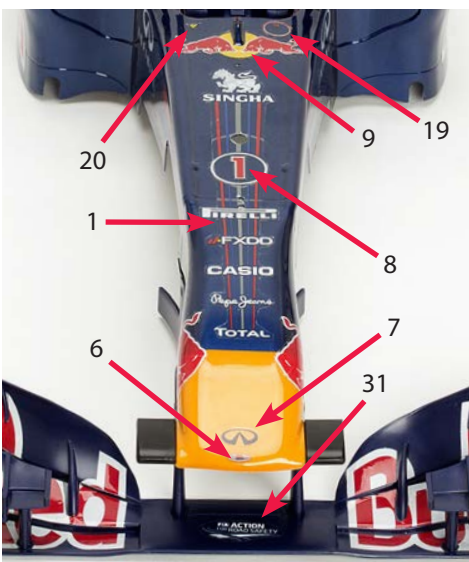
54 Working from underneath the chassis, loosen the screw holding the display body helmet in place and remove the helmet.



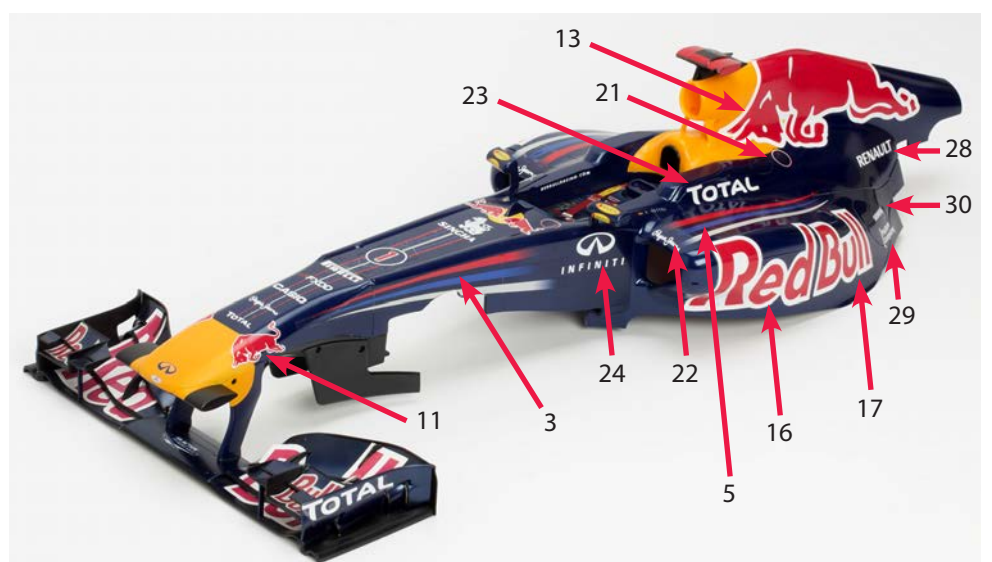
55 Remove all the indicated components from the display body and put them safely to one side, but within easy reach, until it's time to replace them. Then prepare a small dish of warm, but not hot, water and keep it close by on your work surface to use when you apply the decals. Cut out each of the decals when needed, immerse it in the warm water, and apply it to the display body as explained in the following assembly steps.



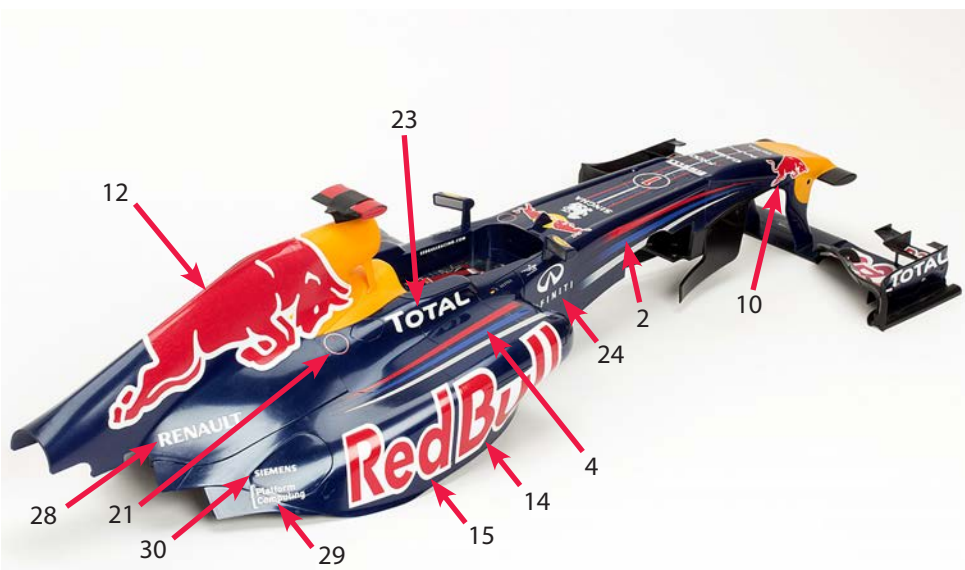
56 First, apply the decals numbered 18, 25 (x 2), 26 (x 2), 27 (x 2) and 34 to the areas of the display body cockpit shown above. Sticker 34 should sit horizontally at the top of the green arrow, and the orange arrows indicate the position of stickers numbered 25.



57 Next, apply decals numbered 1, 6, 7, 8, 9, 19, 20 and 31 to the locations shown on the front nose. Note: decal 8 must be applied after decal 1.



58 Lay the display body on your work surface with the left-hand side facing you. Apply the decals numbered 3, 5, 11, 13, 16, 17, 21, 22, 23, 24, 28, 29 and 30 in the positions indicated by the individually numbered red arrows.



59 On the right-hand side, apply the decals numbered 2, 4, 10, 12, 14, 15, 21, 23, 24, 28, 29 and 30 at the positions indicated by the numbered arrows. When all the decals are in place, leave the display body to dry fully for several hours before continuing.



60 When the display body is completely dry, reattach the parts removed in Step 55, remembering to screw the helmet in from underneath. Your display body is complete.



61 The following steps show you how to change over from the running body to the display body, so only proceed if you want to do that at this stage. Begin by removing both rear wheels.



62 Unscrew the two screws holding the left rear upper wishbone to the differential. Then unclip the pivot ball holding the arm to the rear hub carrier (it is not necessary to unscrew the hub carrier's ball-headed screw).



63 Place the left rear upper wishbone on your work surface so that the underside is facing up. Then lower the left aerodynamic part B supplied in Stage 99 onto the centre of the wishbone, as indicated by the arrow.



64 Join these parts together using one of the 2 x 6mm screws that were also supplied in Stage 99.



65 Repeat Steps 63-64 for the right rear upper wishbone, then reattach it to the chassis. Also reattach the left rear upper wishbone.



66 Re-insert the screws removed in Step 62 and 65 and tighten them to secure the parts.



67 Make sure that both wishbones can move up and down freely, then push the ball end at the outside tip of each one onto the ball-headed screw on the rear hub carrier.



68 Reattach the rear wheels to their respective axles.



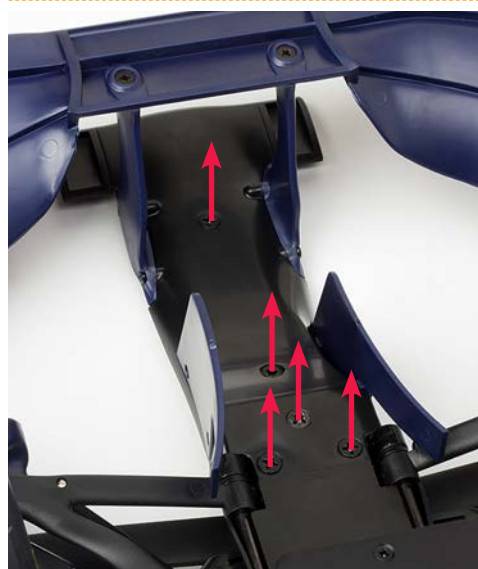
69 Check that your assembly looks like the one above, before continuing the process of changing over from the running body to the display body, described in the following steps.



70 To remove the main section of the running body, unclip the three body pins marked by the red arrows, then pull the helmet air filter cover from the pipe and lift the body away from the chassis. Keep the helmet and the running body safely to one side.



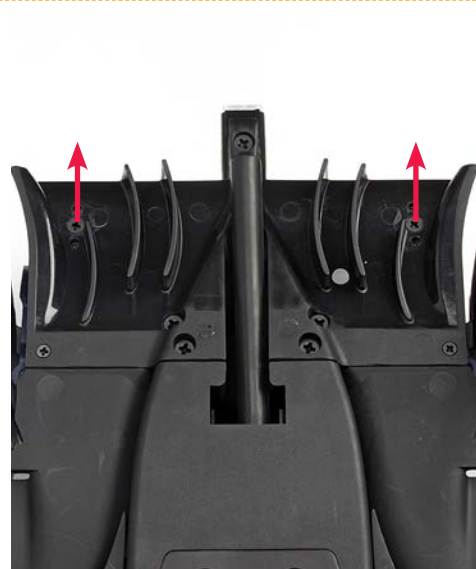
71 Pull the antenna tube off (but not the antenna itself) and put it safely to one side.



72 Turn the chassis over and remove the five indicated screws holding the lower nose in place.



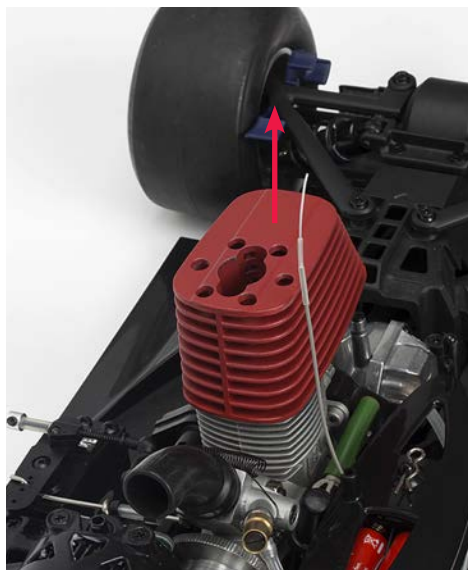
73 Gently pull the nose away from the front of the chassis, and remove the spacer marked by the green arrow. Keep this safely to one side.



74 To remove the rear wing, undo the two indicated screws on the rear diffuser.



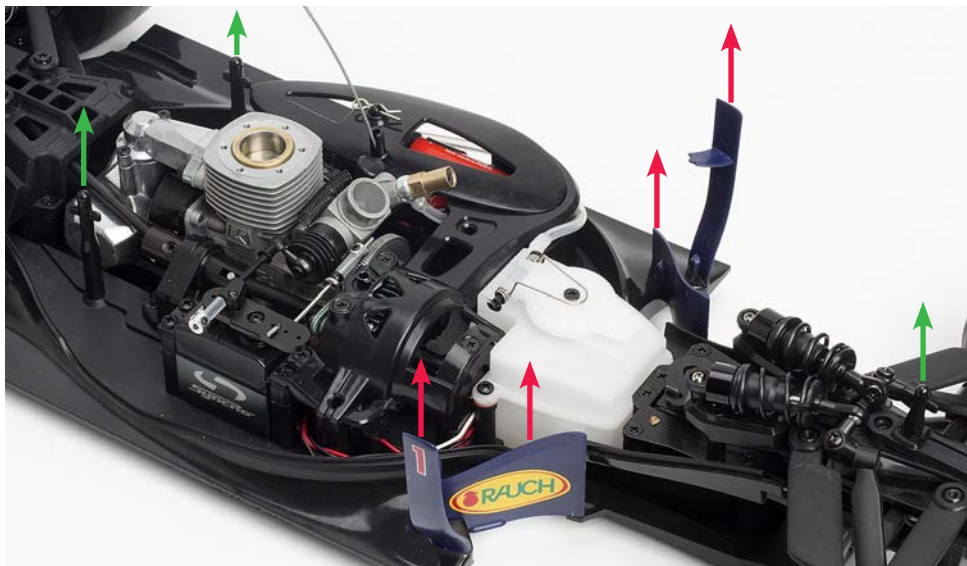
75 Once you've removed the screws, turn the chassis the right way up and lift the rear wing away from it.



76 Next, take off the cylinder head by removing the six cap screws with a 2mm Allen key. Put the head, and the two gaskets, safely to one side.



77 Pull the air filter tube away from the carburettor's air intake port.



78 Now remove the two turning vanes and the bargeboards, indicated here by the red arrows, by unscrewing them from beneath (see Stage 99). Then remove the three running body mounts, indicated by the green arrows.



79 As you did in Stage 88, cover the exposed top of the engine's crankcase to prevent any dust or dirt from getting inside the cylinder.



80 Fetch the display body turning vanes and bargeboards and attach them in place of the running body versions removed in the previous step, tightening each with a size 1 Phillips screwdriver (see Stage 99). Then attach the display body rear wing to the rear diffuser, using a size 2 Phillips screwdriver (see Step 74).



81 Slide the display body gently over the front tip of the chassis, so that the lower nose mount enters the lower nose section of the body.



82 Slide the display body backwards so that the rectangular cutaways in the sides accommodate the protruding front control arms (see dotted red line and horizontal arrow). Make sure that the display body is sitting level with the bottom of the chassis (slanted arrow).



83 Lastly, turn the assembly over and fix the display body nose and front wing assembly to the front of your model using the five screws removed in Step 72, and you have completed the changeover from running to display body for your RB7.