

77243 Oracle Red Bull Racing RB20 F1 Race Car

Adapted by John Le and tested by Peter Durieux.

Celebrate your love for Formula 1® racing with this brick-built LEGO® Speed Champions Oracle Red Bull Racing RB20 F1® Race Car. This vehicle for adults includes design details from the real-life version driven in the 2024 Formula 1 World Championship season.

Explore the F1 model car's incredible features, including a cockpit that opens by lifting the halo bar, a rear wing, wishbone suspension, sponsor stickers and wider rear tires imprinted with "Pirelli." The vehicle kit also comes with an F1driver minifigure wearing a Red Bull outfit and a winged helmet to place inside the cockpit. Once completed, the F1 model car looks great on display.

F1® Red Bull vehicle for adults – LEGO® Speed Champions Oracle Red Bull Racing RB20 F1 Race Car buildable model for Red Bull and Formula 1® fans.

Explore authentic F1® Red Bull details – This F1 race car features design details from the real-life 2024 version, including a rear wing, halo bar and wider rear tires imprinted with "Pirelli".

F1® minifigure – The vehicle kit includes an F1 driver minifigure wearing a Red Bull outfit and a winged helmet to place inside the F1 race car's cockpit.

F1® fun for all the family – Race for the checkered flag alongside the whole family with other building sets (sold separately) in the LEGO® F1 range.

F1® race car display model – After you've enjoyed a rewarding building experience, this Red Bull F1 car can be proudly displayed at home or in the office.

Measurements – A 251-piece car playset featuring a Red Bull Formula 1® car model that measures over 1.5 in.(4 cm) high, 8 in. (20 cm) long and 3 in. (7 cm) wide.

The front of the box shows a black, blue, and yellow race car! The driver is inside and getting ready to race!

The back of the box shows the back of the race car! It has ads on it such as Mobil, Oracle, Rokt, and Redbull!

The top of the box shows a real size image of a F1 wheel.

The build is 251 pieces in total and is for ages 18+.

Welcome to text-based instructions from Bricks for the Blind. Before you start building, here are some terms we'll be using:

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back

- Horizontally: with the longest side going from left to right.
- Upright: pointing up towards the ceiling.
- Standing upright: The piece is perpendicular to the ground, like a wall.
- Lying flat: The piece is parallel to the ground, like a piece of toast which fell off the table.
- That one/PPP: previously placed piece.
- Plate: piece with studs.
- Tile: smooth piece without studs (unless otherwise specified)
- A jumper plate is a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.
- "Anti-stud" is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- Symmetrically: a mirror image. Example: If you place a 2x1 brick with technic connector on the front wall at the right, connector to the front, and then place another such piece symmetrically on the back wall, at the right, the technic connector of the second piece should point to the back, since it will be placed symmetrically.
- Centered-vertically: even amount of space in front of and behind piece
- Centered-horizontally: even amount of space left and right of piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

A note on LEGO Technic™ part names. These parts are somewhat different from regular LEGO bricks. Here are some definitions in case the builder or helper is not familiar with LEGO Technic™.

Axles - An axle is a connector which has an X shaped cross-section. Because their cross section is not round, anything connected to an axle using an axle-hole will rotate with that axle. Axles are longer than they are wide, and the length of an axle corresponds with how many bricks long it is. Aka a 3L axle is three bricks long. Axles come in a variety of lengths, with a 2L axle being the shortest available. They may be combined with pins, or have circular stops on them. A stop prevents the axle from sliding through an axle-hole at a specific point on the axle.

Pins - A pin is a connector which has a circular cross section and a flanged notch out of one or both ends. This flanged notch allows them to click into bricks with a pin-hole. Pins come with and without friction ridges, which are small bumps on the pin which prevent them from rotating freely. For standard pins, black is a high friction pin, and gray is a low friction pin. A standard length pin is two brick lengths long, with a stop in the middle. This prevents a brick from being pushed from one side of the pin to the other. A 1L pin is one brick long and still retains the stop, however it also includes a hollow stud at the other end. A 3L pin is three bricks long, and only contains a stop at one side, allowing two bricks to be pushed onto the other side of the pin. Pins may also have one side which is an axle.

Technic brick - a brick which contains one or more holes which accept technic pins.

Lift-arms - A lift-arm is a basic structural element, similar to a brick or a plate, but usually without any studs. It is a beam with rounded ends and with holes in it, with the same spacing as the studs on a LEGO brick. Lift-arms come in a variety of lengths, including a 1x1 lift-arm which looks like a cylinder. Thick lift-arms are as wide as a LEGO brick, and thin lift-arms are half as wide as a LEGO brick, but not the same thickness as a LEGO plate! The holes in a lift-arm arm may accept axles or pins. They also come in a variety of shapes, including tees, ellipses and triangles.

Gears - A gear is a functional element. They are typically discs with teeth on the outside, there are also worm gears which look like a spiraling cylinder! Gears connected by axles transmit or even transform rotational motion!

Axle and Pin Connectors - These elements are typically smaller than lift-arms and are used to connect some combination of pins or axles. They might have pins or axles, as well as axle or pin-holes. They have a lot of different angle combinations! The simplest just connects two axles or pins together in a straight line.

Bushes/Bushings - LEGO Technic™ uses bushes largely as spacers, but they also can reduce friction between rotating parts, or can form useful elements such as handles. Bushes are typically light gray, generally cylindrical, and have an axle-hole running through the middle. They have a flange at the front and back to make them easier to pull on and off.

For builders with low vision, or a sighted building partner may want to follow along with the printed visual instructions that come with each kit, or PDF versions are always online at LEGO.com for each set: (<https://www.lego.com/en-us/service/buildinginstructions/77243>) As low vision users may benefit from viewing the instructions on a personal device where they can zoom in on content and use assistive technologies to enhance the visuals.

Sorting the pieces:

To begin a successful build, it helps to sort the pieces into groups, bags, or small containers. Have a friend or family member do this in advance following the instructions below. You will see that the pieces should be sorted according to the building steps in the kit. Doing this in advance makes locating the pieces for each step easier. See below on how to sort the pieces to correspond to the steps in this set. Number the containers using letters A-Z, numbers, or meaningful names. The parts will be sorted into one or a small number of steps in the instructions. Example: Steps 1-3 means collect all the parts used in steps 1,2 and 3, and put them in one container.

This LEGO set comes with 6 bags labeled 1 to 6, 1 set of instructions, and some loose pieces. Sort the pieces into groups or piles as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split into 2 groups to make telling the difference easier for the builder! LEGO includes a few spare parts in case you lose something. Set these into their own group away from the rest, in case you need them later.

Bags 1-2 - Driver and Race Car

Group 1 - Page 7.

Group 2 - Steps 1-18.

Group 3 - Steps 19-32.

Group 4 - Steps 33-34.

Bags 3-4 - Race Car

Group 5 - Steps 35-39.

Group 6 - Steps 40-50.

Group 7 - Steps 51-73.

Group 8 - Steps 74-85.

Bags 5-6 - Race Car

Group 9 - Steps 86-98.

Group 10 - Steps 99-106.

Let's get to building!

Building Instructions (Bags 1-2, Book 1):

Group 1 - Driver

Sub-build 1. Locate 1 dark blue pair of legs, 1 dark blue torso printed with a red bull, 1 yellow head printed with eyes, lips, and a shaved beard, 1 light grey helmet with a red visor printed with 2 red bulls on a yellow background, and 1 silver wrench. Assemble your minifigure then attach the wrench to his hand. Now put him away while we make his race car!

Group 2 - Race Car

1. Horizontally place a black 4x10 car base in front of you. Then vertically place a red 1x2 plate on the rightmost column.
2. Vertically place a black 1x8 plate on the 2nd column from the right so it is centered vertically. Now vertically place a dark grey 1x6 plate to the left of the ppp so it is centered vertically.
3. Horizontally place a yellow 2x3 plate on the 3 rightmost columns so it is centered vertically.
4. Vertically place a red 1x2 plate on the 2nd and 3rd rows from the front of the 2nd column from the right. Then repeat symmetrically to the back.
5. Place a black 1x1 plate with a side stud hanging down on the front row of the 3rd column from the left so the side stud faces the front. Then repeat symmetrically to the back. Now vertically place a yellow 1x2 tile with a round side in between the 2 ppp so the round side faces the right.
6. Place a yellow 1x1 plate underneath the 3rd row from the front of the 2nd column from the right. Then repeat symmetrically to the back.
7. Vertically place a yellow 1x4 tile with 2 studs on the 2nd column from the right so it is centered vertically.
8. Horizontally place a yellow 1x2 plate with 2 upright side studs underneath the front row of the rightmost column so 1 column is exposed to the right and the side studs face the front. Then repeat symmetrically to the back. Now vertically place a black 1x2 brick with a pinhole and 2 thin lift arms with axle connectors on the rightmost column so lift arms face the right.
9. Horizontally place a red 1x2 plate with 2 side studs hanging down on the 2 rightmost columns of studs so the side studs face the front. Then repeat symmetrically to the back.
10. Vertically place a red 1x2 plate upright on the 2nd column of front-facing side studs from the right. Then vertically place a dark blue 1x2 tile upright on the ppp. Then repeat both parts symmetrically to the back.

11.1. Let's make a part! Horizontally place a black 2x4 tile with 2 studs in front of you. Then horizontally place a yellow 1x2 brick with an axle hole on the left stud so it is centered horizontally on it. Now place a red 2x2 round brick with a pinhole to the right of the ppp so the pinhole faces the front and back.

11.2. Horizontally place your part in between the thin lift arms that are on the right-facing side so the axle hole aligns with the axle holes of the lift arms.

12. Vertically insert a black 4L axle into the rightmost back-facing axle hole so it is centered vertically. Now horizontally stack the leftmost front-facing axle holes of 2 black 3L thin lift arms with a pinhole and 2 axle holes to the back-facing axle so it overhangs to the right.

13. Place the leftmost axle hole of a black 3L liftarm on the front facing axle, so it overhangs to the right. Place another in front of the ppp.

14. Insert a red 1L pin with a stud into the front-facing pinhole of the ppp so the stud faces the front. Then repeat symmetrically to the back.

15. Place a black 1x1 slope tile upright on the ppp so it slopes to the left. Then repeat symmetrically to the front.

16.1. Let's make 2 identical parts! Vertically place a black 1x4 double sloped curved tile upside down in front of you. Now vertically place a transparent 1x2 rounded plate with a neck hole on top so it is centered vertically and the neck hole is on the left.

16.2. Insert the 2L axle of a white 3L pin axle into the left-facing side of the neck hole so the axle faces the right. Then attach a light grey bearing to the right-facing axle so it goes all the way in.

16.3. Now you should have 2 identical parts! Horizontally insert the axle of 1 part to the rightmost front-facing axle hole so the double sloped curved tile faces down and the pin faces the front. Then repeat symmetrically to the back.

17. Vertically place a black 1x3 jumper plate on the 3rd column of studs from the right so it is centered vertically. Then vertically place another 1 to the left of the ppp.

18. Place a black 2x2 curved corner plate on the front stud of the 2nd column of studs from the right so 1 row overhangs to the front and the curve faces the front left. Then repeat symmetrically to the back.

Group 3 - Race Car

19. Horizontally place 2 black 1x2 plates with a stud and a clip, 1 in front of the other, on the 2nd and 3rd columns of studs from the right so together they are centered vertically and the clips are on the right. Now place a red 2x2 plate to the left of the 2 ppp. Then vertically place a black 1x2 plate with a bar on the long side to the left of the ppp so it is centered vertically and the bar faces the left.

20. Horizontally place a dark blue 2x4 tile on top of the 4 ppp so it is centered vertically.

21. Place 2 black 1x1 rounded bricks with a side stud, 1 in front of the other, on the rightmost column so together they are centered vertically and the side studs face the right.

22. Vertically place a black 1x2 plate with a bar on the long side on top of the 2 ppp so the bar faces the left.

23.1. Let's make a part! Place a dark blue 3x3 corner plate in front of you so the right angle faces the back left. Now horizontally place a dark blue 1x2 tile with a sticker on the back left corner. Then horizontally place a dark blue 1x2 angled sloped curved tile to the right of the ppp so it slopes and overhangs to the right and the angled part faces the back right.

23.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 13 on the dark blue 1x2 tile. This sticker says Red Bull in dark red. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

23.3. Skip this step if you have already placed your sticker! Ask a helper to place sticker 11 on the dark blue 1x2 angled sloped curved tile. This sticker says Honda in white. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

23.4. Place a dark blue 2x2 triangle tile on the front 2 rows so the right angle faces the back left and it overhangs 1 column to the right.

23.5. Horizontally place the front 2 rows of your part upright on the 2 front-facing side studs that are on the 5th column from the right so 1 row overhangs to the top.

24.1. Let's make a part! Place a dark blue 3x3 corner plate in front of you so the right angle faces the back right. Now horizontally place a dark blue 1x2 tile with a sticker on the back right corner. Then horizontally place a dark blue 1x2 angled sloped curved tile to the left of the ppp so it slopes and overhangs to the left and the angled part faces the back left.

24.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 13 on the dark blue 1x2 tile. This sticker says Red Bull in dark red. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

24.3. Skip this step if you have already placed your sticker! Ask a helper to place sticker 10 on the dark blue 1x2 angled sloped curved tile. This sticker says Honda in white. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

24.4. Place a dark blue 2x2 triangle tile on the front 2 rows so the right angle faces the back right and it overhangs 1 column to the left.

24.5. Horizontally place the front 2 rows of your part upright on the 2 back-facing side studs that are on the 5th column from the right so 1 row overhangs to the top.

25.1. Let's make a part! Horizontally place a black 2x3 angled plate in front of you so the angled side faces the front and the short end faces the right. Now place a black 1x1 quarter circle tile on the rightmost column so the curve faces the front right. Then horizontally place a black 1x8 plate to the left of the ppp so 6 columns overhang to the left.

25.2. Flip your main build upside down so it is horizontal and the front and back facing pins are on the right. Now horizontally place your part upside down on the 2nd row from the back of the 8th and 9th

columns from the left so the 1x8 plate overhangs 4 columns to the left. Your part should sit to the left of a 1x4 double sloped curved tile.

26.1. Let's make another part! Horizontally place a black 2x3 angled plate in front of you so the angled side faces the back and the short end faces the right. Now place a black 1x1 quarter circle tile on the rightmost column so the curve faces the back right. Then horizontally place a black 1x8 plate to the left of the ppp so 6 columns overhang to the left.

26.2. Horizontally place your part upside down on the 2nd row from the front of the 8th and 9th columns from the left so the 1x8 plate overhangs 4 columns to the left. Your part should sit to the left of a 1x4 double sloped curved tile.

27. Vertically place a black 1x8 plate to the left of the 2x3 angled plate from the previous step so it is centered vertically on the build. Now place a black 3x3 plate with a cutoff corner to the left of the front 3 rows of the ppp so 1 row overhangs to the front and the cutoff corner faces the front left. Then repeat symmetrically to the back.

28.1. Let's make a part! Horizontally place a black 2x3 plate in front of you. Then place a black 1x1 plate on the back right corner. Now vertically place a black 1x3 sloped curved tile on the rightmost column so 1 row overhangs to the front and the angled part faces the front left.

28.2. Vertically place your part on the front 2 rows to the left of the 3x3 plate with a cutoff corner so the 1x3 sloped curved tile overhangs to the front and slopes to the right. Now repeat everything symmetrically to the back.

29. Horizontally place a black 2x3 right wedge plate to the right of the front 2 rows of the 9th column from the left so the angled side faces the front and the short end faces the right. Then repeat symmetrically to the back.

30. Place a black 2x2 tile with 2 studs on the 2nd and 3rd rows from the front of the 6th and 7th columns from the left so the studs are on the right. Then vertically place a black 1x2 rounded plate on top of the ppp. Now repeat both parts symmetrically to the back.

31. Place a black 2x2 tile with 2 studs on the 2nd and 3rd rows from the front of the 4th and 5th columns from the left so the studs are on the left. Then repeat symmetrically to the back.

32. Place the right column of a black 2x2 curved corner plate on the left column of the ppp so the curve faces the front right. Then repeat symmetrically to the front.

Group 4 - Race Car

33.1. Let's make a part! Horizontally place a black 1x2 inverted sloped curved tile in front of you so it slopes to the left. Then vertically place a dark blue 1x3 plate on the right column so 2 rows overhang to the back. Now place a dark blue 2x2 plate on the front 2 rows so it overhangs in the back left corner.

33.2. Vertically place your part on the front 3 rows of the 7th and 8th columns from the left of the build so the inverted sloped curved tile is in the front. The back row of the left column of your part should sit on top of the front stud of a 1x2 rounded plate. Now repeat everything symmetrically to the back.

34. Horizontally place a black 1x2 rounded plate on the 3rd row from the back so it sits in front of the 2x2 plate from the previous part. Then repeat symmetrically to the front.

Building Instructions (Bags 3-4, Book 1):

Group 5 - Race Car

35. Place a black claw on the left column of the ppp so the claw hands face left and right. Then repeat symmetrically to the back.

36. Place a black 1x1 round tile with an upright bar on the front row of the 3rd column from the left. Then place a dark blue 1x1 plate to the front right of the ppp. They both should sit on a 2x2 curved corner plate. Then repeat both parts symmetrically to the back.

37.1. Horizontally place a dark blue 2x3 angled sloped curved brick with a sticker on the front 2 rows of the 8th to 10th columns from the left so it slopes to the right and the angled part faces the front right. The leftmost column of your piece should sit on the right column of a 2x2 plate.

37.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 9 on the dark blue 2x3 angled sloped curved brick. This sticker has a red line on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

37.3. Repeat step 37.1 symmetrically to the back.

37.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 5 on the dark blue 2x3 angled sloped curved brick. This sticker has a red line on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

38.1. Horizontally place a dark blue 1x3 panel with a sticker in front of the ppp so the wall faces the back.

38.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 17 on the dark blue 1x3 panel. This sticker has a red line on it and says ROKT. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

38.3. Repeat step 38.1 symmetrically to the front.

38.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 19 on the dark blue 1x3 panel. This sticker has a red line on it and says ROKT. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

39.1. Vertically place a dark blue 1x2 tile with a sticker on the front 2 rows to the left of the 2x3 angled sloped curved tile.

39.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 12 on the dark blue 1x2 tile. This sticker has a red line on it.. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

39.3. Repeat step 39.1 symmetrically to the back.

39.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 14 on the dark blue 1x2 tile. This sticker has a red line on it.. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Group 6 - Race Car

40. Vertically place a yellow 1x2x3 rounded window frame on the 8th column from the left so it is centered vertically and sits to the left of a bar.

41. Let's make a part! Place a yellow 2x2 sloped curved brick with 2 studs in front of you so the studs are in the front. Then horizontally place a yellow 1x2 plate with 2x2 upright side studs on top so the studs face the back.

42. Place a yellow 1x1 brick with a side stud on the left column so the side stud faces the left. Then repeat symmetrically to the right.

43. Horizontally place a yellow 1x2 slope tile on top so it slopes to the front.

44. Lay your part on its side so the anti-studs face the back and the 2x2 upright side studs are in the front and face up. Now horizontally place a red 1x2 plate on the 2nd row from the front. Then vertically place a yellow 2x3 plate with a round side and a pinhole in front of the ppp so the round side overhangs 2 rows to the front.

45. Vertically place a yellow 2x4 rounded tile on top so the round side is aligned with the round side of the ppp.

46. Place your part upright so the 2x4 rounded tile faces the back. Now place the stud of a yellow 1x1 plate with an upright side stud upright on the front-facing pinhole so the side stud faces up and the anti-stud faces the front. Now place a yellow 1x1 round plate upright on the front-facing anti-stud.

47. Place your part on the 6th and 7th columns from the left so it is centered vertically, sits to the left of the 1x2x3 rounded window so the 1x2 slope tile slopes to the left.

48. Let's make a part! Place a yellow 2x4 angled slope brick printed with a red bull in front of you so it slopes to the front and the short end faces the right. Now place a red 1x1 plate with a clip underneath the back left corner so the clip faces the back. Now horizontally attach the clip of your part to the bar that is to the right of the 1x2 rounded window so the anti-studs of the 2x4 angled slope brick face the front. It should sit to the right of the back row of the 1x2 rounded window.

49. Horizontally place a red 1x5 ski upright on the bottom row of front-facing anti-studs of the previous part so the flat side of the ski is on the right.

50. Repeat step 48 symmetrically to the front.

51.1. Let's make a part! Horizontally place a dark blue 1x2 inverted slope brick in front of you so it slopes to the right. Then horizontally place a dark blue 1x2 brick with 2 side studs and a sticker on top so the sticker faces the front and the side studs face the back. Now place a dark blue 1x1 plate on the left column.

51.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 20 on the dark blue 1x2 brick. This sticker has a red line on it and says VISA. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

51.3. Horizontally place a dark blue 1x3 angled sloped curved tile on top so it slopes and overhangs to the right, and the angled side faces the back right.

51.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 20 on the dark blue 1x3 angled sloped curved tile. This sticker says ORACLE on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

51.5. Rotate your part 180 degrees so the 1x3 angled sloped curved tile slopes to the left. Now horizontally place your part upright on the front-facing side stud that is on the 6th column from the left so the 1x3 sloped curved tile slopes to the left.

52.1. Let's make a part! Horizontally place a dark blue 1x2 inverted slope brick in front of you so it slopes to the left. Then horizontally place a dark blue 1x2 brick with a sticker on top so the sticker faces the front. Now place a dark blue 1x1 plate on the left column.

52.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 16 on the dark blue 1x2 brick. This sticker has a red line on it and says VISA. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

52.3. Horizontally place a dark blue 1x3 angled sloped curved tile on top so it slopes and overhangs to the left, and the angled side faces the back left.

52.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 6 on the dark blue 1x3 angled sloped curved tile. This sticker says ORACLE on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

52.5. Horizontally place your part upright on the back-facing side stud that is on the 6th column from the left so the 1x3 sloped curved tile slopes to the left.

53.1. Horizontally place a dark blue 1x2 tile with a sticker in front of the 2 leftmost columns of the previous part so it overhangs 1 column to the left.

53.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 22 on the dark blue 1x2 tile. This sticker has a red line and says Mobil on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

54.1. Repeat step 53.1 symmetrically to the front.

54.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 24 on the dark blue 1x2 tile. This sticker has a red line and says Mobil on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

55. Place a black 1x1 round plate with a clip underneath on the upright bar that is behind the ppp so the clip faces up and the clip hands face left and right. Then repeat symmetrically to the back.

56. Place a red 2x2 plate on the 2 leftmost columns.
57. Vertically place a yellow 1x2 rounded plate on the leftmost column. Then vertically place a black 1x2 jumper plate to the right of the ppp.
58. Place a black 1x1 plate with an upright side stud on top of the ppp so the side stud faces the right. Now horizontally place a dark grey game controller upright on the right-facing side stud of the ppp so the curved parts face down.
59. Place a red 1x1 plate with 2 upright side studs underneath the front row of the 2nd column from the left so the side studs face the front. Then repeat symmetrically to the back.
60. Horizontally place a yellow 1x2 plate with 2 upright side studs underneath the front row of the leftmost column so 1 column is exposed to the left and the side studs face the front. Then repeat symmetrically to the back. Now vertically place a black 1x2 brick with a pinhole with 2 thin liftarms with axle holes on the leftmost column so the lift arms face the left.
61. Horizontally place a black 1x2 plate with 2 side studs hanging down on the front row of the 2 leftmost columns so the side studs face the front. Then repeat symmetrically to the back.
- 62.1. Vertically place a black 1x2 ingot tile on the leftmost column of front-facing side studs. Then horizontally place another 1 upright on the bottom row of front-facing side studs to the right of the ppp. Now horizontally place a dark blue 1x2 slope tile with a sticker upright above the ppp so it slopes to the left.
- 62.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 18 on the dark blue 1x2 slope tile. This sticker says BYBIT on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.
63. Stack 2 black 1x1 plates with a tooth upright on the front-facing side stud that is to the right of the 3 ppp so the teeth face the left.
- 64.1. Rotate your build 180 degrees. Now vertically place a black 1x2 ingot tile on the rightmost column of front-facing side studs. Then horizontally place another 1 upright on the bottom row of front-facing side studs to the left of the ppp. Now horizontally place a dark blue 1x2 slope tile with a sticker upright above the ppp so it slopes to the right.
- 64.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 18 on the dark blue 1x2 slope tile. This sticker says BYBIT on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.
65. Stack 2 black 1x1 plates with a tooth upright on the front-facing side stud that is to the left of the 3 ppp so the teeth face the right.
66. Rotate your main build 180 degrees. Place a dark blue 3x4 trapezoid plate with a 1x2 gap on the 2 leftmost columns so it is centered vertically and the 1x2 gap is on the right. Now vertically place a dark blue 1x2 tile in the 1x2 gap of the ppp.

67.1. Place a dark blue 2x2 tile with a round side and a sticker on the 2 leftmost columns so the round side faces the left.

67.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 23 on the dark blue 2x2 tile with a round side. This sticker says ORACLE and a red and green shield with the word TAG on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

68. Attach a black spoon to the front clip that is to the right of the ppp so the spoon head is in the front and the rounded side faces the left. Then repeat symmetrically to the back. These are the mirrors!

69. Let's make a part! Horizontally place a black 8L bendable bar in front of you. Then attach a black bar holder with a handle to the right-facing side of the bar so the handle is vertical. Then repeat symmetrically to the left.

70. Attach the right-facing handle of your part to the back top-facing claw that is centered horizontally on the 3rd row from the back. Then attach the other handle to the front top-facing claw so the bar bends in a U shape.

71. Attach a black claw to the top of the bendable bar so it is centered vertically and the bar faces up.

72. Bend the bendable bar all the way to the left so it faces the left.

73. Vertically place a black 1x2 ingot tile on the stud of the 1x1 plate with an upright side stud that is to the left of the 1x2 rounded window so it is centered vertically. It should sit in between the top-facing claws that you attached the bendable bar to.

Group 8 - Race Car

74. Let's make a part! Horizontally place a black 1x2 plate with 2x2 upright side studs and a sticker in front of you so the side studs face the back. Now place a black 2x2 tile with 2 studs on top so the studs overhang 1 row to the front.

75. Skip this step if you have already placed your sticker! Ask a helper to place sticker 1 on the back side of a black 1x2 plate with 2x2 upright side studs. This sticker has a red, black, and blue side. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

76. Vertically place a red 1x2 plate underneath the front right corner so 1 row is exposed to the front. Then vertically place a dark grey 1x2 plate with 2 upright side studs underneath the front left corner so 1 row is exposed to the front and the side studs face the left.

77.1. Place a black 2x2 tile with 2 studs on the front row so 1 row overhangs to the front and the studs are in the back. Now horizontally place a black 1x2 plate with 2x2 upright side studs and a sticker underneath the front row so the side studs face the front.

77.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 4 on the back side of a black 1x2 plate with 2x2 upright side studs. This sticker has a red, black, and blue side. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

78. Vertically place a black 1x2 jumper plate on the left column so it is centered vertically. Then repeat symmetrically to the right.

79. Vertically place a black 1x2 ingot tile upright on the right column of front-facing side studs. Then repeat symmetrically to the back.

80.1. Let's make a part! Place 2 black 1x1 plates with an upright side stud, 1 to the right of the other in front of you so the side studs face the front. Now horizontally place a black 1x2 panel with a sticker upright on the 2 front-facing side studs so the wall faces up. Then horizontally place a black 1x2 tile with a cutoff corner on top so the cutoff corner faces the back left.

80.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 2 on the black 1x2 panel. This sticker says Mobil. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

80.3. Vertically place your part upright on the back-facing side studs of your previous part so the panel is on the left.

81.1. Place 2 black 1x1 plates with an upright side stud, 1 to the right of the other in front of you so the side studs face the front. Now horizontally place a black 1x2 panel with a sticker upright on the 2 front-facing side studs so the wall faces up. Then horizontally place a black 1x2 tile with a cutoff corner on top so the cutoff corner faces the back right.

81.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 2 on the black 1x2 panel. This sticker says Mobil. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

81.3. Vertically place your part upright on the front-facing side studs of your previous part so the panel is on the left.

82. Vertically place your part upright on the 2x2 right-facing side studs of the main build so it is centered vertically and the 1x2 panels face up.

83. Place a black 2x2 tile with 2 studs on the 2 rightmost columns so it is centered vertically and the studs are on the right.

84.1. Vertically place the left column of a black 2x6 sloped curved tile with 2 stickers on top of the ppp so 1 column overhangs to the right, and it slopes to the left.

84.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 8 on the black 2x6 sloped curved tile. This sticker says BYBIT. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

84.3. Skip this step if you have already placed your sticker! Ask a helper to place sticker 3 on the black 2x6 sloped curved tile. This sticker says ORACLE. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

85. Attach a bent bar with a clip on each end to the rightmost top-facing bar that is to the left of the ppp so it is centered vertically and the other clip is on top and faces the right. Now attach a black L-shaped horn to the clip so it faces the right.

Building Instructions (Bags 5-6, Book 1):

Group 9 - Race Car

86. Place the bar of a dark grey 1x1 round tile with an upright bar, upright on the top right-facing stud so the anti-stud faces the right. Now place a short black 1x1 brick upright below the ppp. Now place a black 1x1 tile printed with a grid of dark grey circles upright on the ppp.

87.1. Let's make a part! Place a black suspension block with 2 axle holes and a sticker in front of you so the curved part is in the back and on top. Make sure the axle holes face the front and back. Then insert a tan 2L pin axle into the back-facing axle hole so the pin faces the back. Now insert a red 4L axle into the front-facing axle hole.

87.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 28 on the black suspension block. This sticker says Hard Rock. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

87.3. Insert the 4L axle of your part into the leftmost back-facing axle hole of the thin lift arm so it does not go through the thin lift arm.

88. Let's make a part! Horizontally place a black 1x4 plate in front of you. Then horizontally place a black 1x2 brick with an axle hole on the 2 rightmost columns.

89. Place a dark blue 1x1 plate to the left of the ppp. Now horizontally place the pinhole of a black 2x3 plate with a round side and a pinhole to the left of the ppp so 2 columns overhang to the left, and the round side faces the right.

90. Place a black 3x3 L-shaped plate underneath the front row of the 2 leftmost columns so the corner faces the back right, 2 rows are exposed to the front, and 1 column is exposed to the left. Then repeat symmetrically to the back.

91. Vertically place a black 1x2 jumper plate with a round side on the leftmost column so the round side faces the left. Now vertically place a black 2x2 left wedge plate on the front 2 rows so the angled side overhangs to the right, and the short end faces the back. Then repeat symmetrically to the back.

92. Vertically place a black 1x2 jumper plate with a round side on the rightmost column so it is centered vertically and the round side faces the left. Then vertically place a black 1x2 jumper plate on the 3rd column from the right so it is centered vertically.

93. Place a yellow 1x1 slope tile printed with NRC on the leftmost column so it slopes to the left. Then vertically place a black 1x2 jumper plate with a round side to the right of the ppp so the round side faces the left. Then vertically place a black 1x2 jumper plate to the right of the ppp so it is centered vertically.

94. Horizontally place a dark blue and yellow 1x6 sloped curved brick printed with VISA, Redbull, Zoom, and Mobil on the 6 rightmost columns so it is centered vertically and slopes to the left.

95. Horizontally place a black 1x2 sloped curved tile on the 2nd row from the front so it slopes and overhangs to the left. Then repeat symmetrically to the back.

96. Vertically place a black 2x3 right wedge plate underneath the overhang of the ppp so the angled side faces the back left and 1 stud is exposed to the back. Then repeat symmetrically to the front.

97.1. Place a black 2x2 angled sloped curved tile with a sticker on the front row so it slopes to the left and the short end overhangs to the front.

97.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 30 on the black 2x2 angled sloped curved tile. This sticker says Bull in red. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

97.3. Repeat step 97.1 symmetrically to the back.

97.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 29 on the black 2x2 angled sloped curved tile. This sticker says Red in red. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

98.1. Let's make another part! Horizontally place a black 1x2 plate with 2 upright side studs in front of you so the side studs face the front. Then place a red 1x1 round plate on the right column.

98.2. Place a black 1x1 tile printed with a red bull with wings upright on the right front-facing side stud.

98.3. Place a black 2x2 corner tile with a cutoff corner and a sticker upright on the front-facing side stud so the cutoff corner faces the top left and 1 row overhangs to the top.

98.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 31 on the black 2x2 corner tile with a cutoff corner. This sticker says Mobil. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

98.5. Horizontally place the left column of your part underneath the overhang of the 2x2 angled sloped curved tile that is in the front so the upright tiles face the front.

99.1. Let's make another part! Horizontally place a black 1x2 plate with 2 upright side studs in front of you so the side studs face the front. Then place a red 1x1 round plate on the left column.

99.2. Place a black 1x1 tile printed with a red bull with wings upright on the left front-facing side stud.

99.3. Place a black 2x2 corner tile with a cutoff corner and a sticker upright on the front-facing side stud so the cutoff corner faces the top right and 1 row overhangs to the top.

99.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 27 on the black 2x2 corner tile with a cutoff corner. This sticker says Mobil. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

99.5. Rotate your part 180 degrees. Now horizontally place the left column of your part underneath the overhang of the 2x2 angled sloped curved tile that is in the back so the upright tiles face the back.

100.1. Vertically place a black 1x2 tile with a cutoff corner and a sticker on the front row, to the right of the 2x2 angled sloped curved tile so the cutoff corner faces the back right.

100.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 26 on the black 1x2 tile with a cutoff corner. This sticker says BYBIT. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

100.3. Repeat step 100.1 symmetrically to the back.

100.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 25 on the black 1x2 tile with a cutoff corner. This sticker says BYBIT. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

101. Horizontally place the rightmost axle hole of your part in between the thin lift arms that are on the left end of your main build. Now push the 4L axle connected to the suspension block to the front so it goes through the axle hole of your part and sticks out the front.

102.1. Place a black suspension block with 2 axle holes and a sticker to the front-facing axle that you just previously pushed so the curved side of the suspension block faces the front. Now insert a tan 2L pin axle into the front-facing axle hole of the ppp so the pin faces the front.

102.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 28 on the black suspension block. This sticker says Hard Rock. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

103.1. Let's make a part! Horizontally place a black 1x2 plate in front of you. Then place a black 1x1 tile on the right column. Now horizontally place a black 1x2 angled sloped curved tile to the left of the ppp so it slopes and overhangs to the left and the angled part faces the front left.

103.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 21 on the black 1x2 angled sloped curved tile. This sticker says a yellow oval with a red outline and RAUCH in green letters on it! Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

103.3. Horizontally place your part upright on the front-facing side stud that is to the right of the leftmost front-facing pin so it slopes and overhangs to the left.

104.1. Let's make a part! Horizontally place a black 1x2 plate in front of you. Then place a black 1x1 tile on the left column. Now horizontally place a black 1x2 angled sloped curved tile to the right of the ppp so it slopes and overhangs to the right and the angled part faces the front right.

104.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 15 on the black 1x2 angled sloped curved tile. This sticker says a yellow oval with a red outline and RAUCH in green letters on it! Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

104.3. Horizontally place your part upright on the back-facing side stud that is to the right of the leftmost back-facing pin so it slopes and overhangs to the left.

105.1. Let's make 2 identical parts! Place a black 2x2 dish with a red outline on a black thinner tire with red letters. Now you should have 2 identical parts!

105.2. Place 1 tire upright on the leftmost front-facing pin so the dish faces the front. Then repeat symmetrically to the back.

106.1. Let's make 2 identical parts! Place a black 2x2 dish with a red outline on a red 1x1 round plate. Then place your part on a black thicker tire with red letters. Now you should have 2 identical parts!"

106.2. Place 1 tire upright on the rightmost front-facing pin so the dish faces the front. Then repeat symmetrically to the back.

Congratulations on finishing your build! Would you like to inspire other blind people to build LEGO sets? Let's feature your build on our [Builders page](#). It's easy and we will do all the work! Just contact us at info@bricksfortheblind.org and together we will make it happen!

We hope you enjoyed building your LEGO set! Bricks for the Blind are able to create these text-based building instructions thanks to generous donations from our builders. If you enjoy the instructions we create, please consider making a \$5 donation at <https://www.gofundme.com/f/bricks-for-the-blind-gofundme>

Bricks for the Blind is a registered tax exempt 501(c)(3) corporation.

Please [sign up](#) for our newsletter and follow us on [Facebook](#) and [Instagram](#) to be the first to know when new instructions are available!

At the end of the instruction booklets are advertisements for the following 9 LEGO Formula 1 Theme kits:

77243 Oracle Red Bull Racing RB20 F1® Race Car

77242 Ferrari SF-24 F1® Race Car

77244 Mercedes-AMG F1® W15 Race Car

77251 McLaren F1® Team MCL38 Race Car

77248 BWT Alpine F1® Team A524 Race Car

77245 Aston Martin Aramco F1 AMR24 Race Car

77249 Williams Racing FW46 F1® Race Car

77247 KICK Sauber F1® Team C44 Race Car

77250 MoneyGram Haas F1® Team VF-24 Race Car