77242 Ferrari SF-24 F1 Race Car

Adapted by John Le and tested by Peter Durieux.

All the thrills of Formula 1® racing await boys and girls aged 10 plus in this incredible LEGO® Speed Champions Ferrari SF-24 F1® Race Car (77242) and driver set. The Ferrari toy vehicle features details from the real-life car that competed in the2024 Formula 1 season, and kids and adult car collectors can build, display and race with it.

The F1 model car features a cockpit that opens by lifting the halo bar, a rear wing, wishbone suspension, sponsor stickers and wider rear tires imprinted with “Pirelli.” The F1 race car also comes with a driver minifigure wearing a Ferrari outfit and a winged helmet to place inside the cockpit and stage races.

LEGO Speed Champions sets let racing fans build models of some of the world’s most iconic vehicles, including other Formula 1 cars (sold separately) from the 2024 championship season. Each vehicle kit can be created using the printed building instructions or the LEGO Builder app to guide you and your kid on an enjoyable building adventure.

Ferrari F1® toy vehicle for kids – Boys and girls aged 10 and up and Ferrari fans can build, display and race the LEGO® Speed Champions Ferrari SF-24 F1 Race Car and driver set.

1 minifigure – This vehicle set includes a driver minifigure wearing a special Ferrari outfit and a winged helmet for kids to place inside the cockpit and role-play thrilling race action.

Authentic Ferrari details – F1® race car with design details from the real-life 2024 version, including a rear wing, a halo bar, sponsor stickers and wider rear tires imprinted with “Pirelli”.

Measurements – A 275-piece vehicle kit featuring a Ferrari SF-24 F1® toy car 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 driver racing with his red F1 car! He is racing on the track going super fast!

The back of the box shows the side of the race car! It has ads on it such as Ray-Ban, HP, V-Power, Shell Gas, and AWS.

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

The build is 275 pieces in total and is for ages 10+.

Welcome to Text-Based Building Instructions from Bricks for the Blind. Here is some helpful information on how to best use screen readers and browsers: bricksfortheblind.org/help-with-screen-readers. Before you start building, here are some terms we will 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, ells 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/77242) 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 1-20.
Group 3 - Steps 21-33.

Bags 3-4 - Race Car
Group 4 - Steps 34-45.
Group 5 - Steps 46-47.
Group 6 - Steps 48-52.
Group 7 - Steps 53-56.

Bags 5-6 - Race Car

Group 8 - Steps 57-73.
Group 9 - Steps 74-85.
Group 10 - Steps 86-96.
Group 11 - Steps 97-102.

Let’s get to building!

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

Group 1 - Driver

Sub-build 1. Locate 1 red pair of legs, 1 red torso printed with a horse emblem on a yellow shield with a red and green stripe (Ferrari logo), 1 yellow head printed with eyes, lips, 1 black hair, 1 red helmet printed with the Ferrari logo, and 1 silver wrench. Assemble your minifigure then attach the wrench to his hand! You can switch the hair for the helmet if you like! Now put him away while we make his race car!

Group 2 - Race Car

Step 1

Horizontally place a black 4x10 car base in front of you. Then vertically place a yellow 1x2 plate on the rightmost column.

Step 2

Place a red 1x1 plate with a side stud hanging down to the left of the front row of the ppp so the side stud faces the front. Then repeat symmetrically to the back. Now vertically place a light grey 1x2 rounded plate to the left of the 2 ppp so it is centered vertically.

Step 3

Place a dark grey 1x1 round tile with an upright bar upright on the front-facing side stud so the bar faces the front. Then repeat symmetrically to the back.

Step 4

Horizontally place a black 1x2 plate with 2 side studs hanging down on the front row of the 3rd and 4th columns from the left so the side studs face the front. Then horizontally place a white 1x4 plate to the right of the ppp. Now repeat both parts symmetrically to the back.

Step 5

Horizontally place a dark grey 1x6 plate underneath the front row so it is centered horizontally. Then repeat symmetrically to the back.

Step 6

Vertically place a yellow 1x2 plate underneath the 2nd column from the right so it is centered vertically. Now place a dark grey 1x1 plate with an upright side stud underneath the front row of the 2nd column from the left so the side stud faces the front. Then repeat symmetrically to the back.

Step 7

Place a red 2x2 plate on the 2 rightmost columns. Then vertically place a white 1x4 plate to the left of the ppp so it is centered vertically.

Step 8

Horizontally place a black 1x2 plate with 4 side studs hanging down on the front row to the left of the ppp so the side studs face the front. Then place a dark grey 1x1 plate to the left of the ppp. Now repeat both parts symmetrically to the back.

Step 9

Place a black 2x2 round plate on the front row of the 3rd and 4th columns from the left so 1 row overhangs to the front. Then horizontally place a yellow 1x2 plate with 2 upright side studs on the front row of the 3rd and 4th columns from the right so the side studs face the front. Now repeat both parts symmetrically to the back.

Step 10

Place a red 2x2 plate on the 2nd and 3rd columns from the right so it is centered vertically.

Step 11

Place a dark grey 1x1 plate on the 2nd row from the front of the 3rd column from the left. Then horizontally place a black 1x2 slope tile to the right of the ppp so it slopes to the back. Now place another dark grey 1x1 plate to the right of the ppp. Now repeat everything symmetrically to the back.

Step 12

Horizontally place a light grey 1x2 rounded plate on the front row of the 4th and 5th columns from the right so it sits to the right of the 1x2 slope tile. Then repeat symmetrically to the back.

Step 13

Let’s make a part! Place a light brown 2x2 tile with 2 studs in front of you so the studs are on the right. Then vertically place a yellow 1x2 plate with 2 upright side studs on top so the side studs face the left.

Step 14

Vertically place a light grey 1x2 rounded plate on top.

Step 15

Vertically place a red 2x3 plate with a round side and a pinhole upright on the left-facing side studs so the round side faces up. Now horizontally place a black 1x2 ingot tile upright on the bottom row of left-facing side studs. Then horizontally place a black 1x2 tile with a round side upright above the ppp so the round side faces up.

Step 16

Vertically place a red 1x3 curved car door upright on the front right-facing anti-stud so the door faces up and the door handle faces the front. Then repeat symmetrically to the back.

Step 17

Place your part on the 4th and 5th columns from the right so it is centered vertically and the upright tiles face the left.

Step 18

Place a red 1x1 quarter circle tile on the front row of the 3rd column from the left so the curve faces the front left. Then repeat symmetrically to the back.

Step 19

Place a white 1x2 jumper plate on the 2nd column from the left. Then place 2 short light brown 1x1 bricks, 1 in front of the other, on the leftmost column.

Step 20

Place a black 1x1 plate with 2 upright side studs on the 1x2 jumper plate that is on the 2nd column from the left so the side studs face the right. Now horizontally place a dark grey game controller printed with buttons upright on the top right-facing side stud so the handles face down. Now place a white 1x1 tile on the 2nd column from the left.

Group 3 - Race Car

Step 21

Horizontally place a light grey 1x2 plate with 2 upright side studs underneath the front row of the leftmost column so the side studs face the front and 1 column is exposed to the left. Then repeat symmetrically to

the back. Now vertically place a black 1x2 brick with a pinhole and 2 thin liftarms with axle holes on the leftmost column so the lift arms face the left.

Step 22

Horizontally place a black 1x2 plate with 2 side studs hanging down on the 2 leftmost columns so the side studs face the front. Then repeat symmetrically to the back.

Step 23.1

Horizontally place a black 1x2 ingot tile upright on the bottom row of front-facing side studs that are on the 2nd and 3rd columns from the left. Then place the bottom row of a black 2x2 corner tile with a cutoff corner and a sticker upright to the left of the ppp so the cutoff corner faces the top left.

Step 23.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 17 on the black 2x2 corner tile with a cutoff corner. This sticker has a logo that looks like an OHR. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 24.1

Rotate your build 180 degrees. Then horizontally place a black 1x2 ingot tile upright on the bottom row of front-facing side studs that are on the 2nd and 3rd columns from the right. Now place the bottom row of a black 2x2 corner tile with a cutoff corner and a sticker upright to the right of the ppp so the cutoff corner faces the top right.

Step 24.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 16 on the black 2x2 corner tile with a cutoff corner. This sticker has a logo that looks like an OHR. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 25.1

Let’s make a part! Place a red 2x2 round tile with a pinhole upside down in front of you. Then vertically place a red 1x2 plate on the right column. Now place a red 1x1 plate with a side stud hanging down on the front left corner so the side stud faces the front. Then repeat symmetrically to the back.

Step 25.2

Place your part on the 2nd and 3rd columns from the right of your previous part so the side studs face the front and back.

Step 26

Place a red 1x1 slope tile printed with a Ferrari logo upright on the rightmost front-facing side stud from the previous part so it slopes to the right. Then repeat symmetrically to the back.

Step 27.1

Vertically place a red 1x2 tile with a round side with a sticker on the rightmost column so the round side faces the right.

Step 27.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 8 on the red 1x2 tile with a round side. This sticker says Genesys on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 28

Place a red 1x1 clip on the stud that is to the left of the front-facing 1x1 slope tile from step 26 so the clip hands face left and right. Then repeat symmetrically to the back.

Step 29

Horizontally place a light grey 1x2 plate with 2 upright side studs underneath the front row of the leftmost column so the side studs face the front and 1 column is exposed to the left. Then repeat symmetrically to the back. Now vertically place a black 1x2 brick with a pinhole and 2 thin lift arms with axle holes on the leftmost column so the lift arms face the left.

Step 30

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.

Step 31

Place a dark grey 1x1 brick with an axle hole in between the 2 leftmost thin arms with axle holes so the stud faces up and the axle hole faces the front and back. Then insert a black 4L axle into the leftmost front-facing axle hole so it is centered vertically.

Step 32.1

Let’s make a part! Place a red 2x2 plate in front of you. Then horizontally place a light grey 1x2 rounded plate on the back row. Now horizontally place a black 1x2 angled sloped curved tile on the front left corner so it slopes and overhangs to the left and the cutoff corner faces the back left.

Step 32.2

Place your part upright on the 2 leftmost columns of back-facing side studs so the sloped curved tile is on top and slopes to the left.

Step 32.3

Repeat everything symmetrically to the front.

Step 33

Place a black 1x1 plate with a side stud hanging down on the front-facing side stud that is to the right of the upright 1x2 angled sloped curved tile that is on the left end so the side stud faces up. Then repeat symmetrically to the back.

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

Group 4 - Race Car

Step 34

Horizontally place a black 2x4 tile with 2 studs underneath the leftmost column so it is centered vertically and 1 stud and 3 columns are exposed to the left. Then place a yellow 2x2 round brick with a pinhole on the left stud of the ppp so it is centered on it so the pinhole faces the front and back.

Step 35

Horizontally place a black 2x3 plate on the 2nd to 4th columns from the left so it is centered vertically.

Step 36.1

Let’s make 2 identical parts! Horizontally stack 2 black 3L liftarms with a pinhole and 2 axle holes in front of you so the holes face up.

Step 36.2

Insert a dark grey 1L pin with a stud into the top-facing pinhole so the stud faces up. Now place a black 1x1 slope tile on top of the ppp so it slopes to the right.

Step 36.3

Now you should have 2 identical parts! Horizontally attach the rightmost axle hole of 1 part to the leftmost front-facing axle so it slopes to the right. Then repeat symmetrically to the back.

Step 37.1

Let’s make 2 identical parts! Horizontally place a black 1x4 double sloped curved tile upside down in front of you. Then horizontally place a transparent 1x2 rounded plate with a pinhole on top so it is centered horizontally and the pinhole is in the back.

Step 37.2

Insert a white 2L axle with a 1L pin into the back-facing pinhole so the axle faces the front. Now attach a light grey bushing to the front-facing axle so it goes all the way to the back.

Step 37.3

Now you should have 2 identical parts! Attach the axle of 1 part to the leftmost front-facing axle hole so the pin faces the front and the 1x4 double sloped curved tile faces down. Then repeat symmetrically to the back.

Step 38

Horizontally place the left column of a red 1x2 plate with a stud and a clip on the front row, in front of the upright 1x3 door that is on the 9th column from the left so the clip is on the right. Then repeat symmetrically to the back.

Step 39.1

Let’s make 2 identical parts! Vertically place a red 1x2 jumper plate in front of you. Then place a red 1x1 sloped curved brick with a sticker on top so it slopes to the front.

Step 39.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 15 on the red 1x1 sloped curved brick. This sticker says ZOG and has a clamshell on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 39.3

Vertically place your parts, 1 in front of the other, to the left of the 2 ppp from step 38 so they slope outwards to the front and back.

Step 40

Place a red 2x2 brick to the left of the 2 previous parts so it is centered vertically. Now place a short tan 2x2 ridged brick to the left of the ppp so it is centered vertically. Now place 2 red 1x1 rounded bricks with a side stud, 1 to the left of the other, to the left of the front row of the ppp so the side studs face the front. Then repeat symmetrically to the back.

Step 41.1

Let’s make a part! Place a red 2x2 angled sloped curved tile with a sticker in front of you so it slopes to the front and the cutoff corner faces the front left. Now place a red 1x1 plate underneath the back right corner.

Step 41.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 6 on the red 2x2 angled sloped curved tile. This sticker has illegible writing on it and a white and yellow stripe. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 41.3

Place your part in front of the 2x2 brick from the previous step so 1 column overhangs to the right and it slopes to the front.

Step 41.4
Let’s make another part! Place a red 2x2 angled sloped curved tile with a sticker in front of you so it slopes to the front and the cutoff corner faces the front right. Now place a red 1x1 plate underneath the back left corner.

Step 41.5
Skip this step if you have already placed your sticker! Ask a helper to place sticker 10 on the red 2x2 angled sloped curved tile. This sticker has illegible writing on it and a white and yellow stripe. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 41.6
Repeat step 41.3 symmetrically to the back.

Step 42
Horizontally place a red 1x4 double sloped curved brick printed with a white and yellow line upright on the 2 leftmost front-facing side studs so 2 columns overhang to the right. Then repeat symmetrically to the back.

Step 43.1
Let’s make a part! Horizontally place 2 black 1x2 plates with 2x2 upright side studs, 1 to the right of the other, in front of you so the side studs face the front. Now horizontally place a black 1x4 tile upright on the bottom row of front-facing side studs. Then horizontally place 2 black 1x2 ingot tiles, 1 to the right of the other, upright on the front-facing side studs.

Step 43.2
Horizontally place your part upright on the bottom row of front-facing side studs that are on the 3rd to 6th column of front-facing side studs from the right so the tiles face down.

Step 44.1
Let’s make a part! Horizontally place a black 2x4 angled plate upside down in front of you so the angled side faces the front and the short end faces the left. Now place a red pinhole with a side stud underneath the rightmost stud so the side stud sticks up and faces the back.

Step 44.2
Attach the back-facing stud of your part upright on the front-facing bar that is to the left of the previous part.

Step 45
Horizontally place a red 1x2 plate upright on the front-facing side stud that is on the 4th and 5th column of front-facing side studs from the right. Now horizontally place a dark grey 1x2 sloped curved tile upright on the front-facing side studs to the left of the ppp so it slopes to the left.

Group 5 - Race Car

Step 46

Horizontally place a red 1x2 plate printed with a white line upright on the front-facing side studs that are above the 2 ppp so the print faces up. Now place a red 1x1 tile upright on the left stud of the ppp.

Step 47.1

Let’s make a part! Place a red 1x1 brick with a sticker in front of you so the sticker faces up and the stud faces the right.

Step 47.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 11 on the red 1x1 brick. This sticker has a white and yellow stripe. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 47.3

Place the side stud of a red 1x1 plate with a side stud hanging down upright on the left-facing anti-stud so the anti-stud faces the back. Now place a red 1x1 plate upright on the right-facing side stud. Then place a red 1x1 corner panel upright on the ppp so the walls face up and the front.

Step 47.4

Horizontally place the back-facing anti-stud of your part upright on the front-facing side that is to the right of the 1x1 tile from step 46.

Group 6 - Race Car

Step 48.1

Let’s make a part! Vertically place a red 1x2 plate with 2 upright side studs in front of you so the side studs face the right. Now vertically place a red 1x2 plate on top.

Step 48.2

Horizontally place a red 2x3 angled sloped curved tile with a sticker on top so it slopes and overhangs 2 columns to the left, and the cutoff corner faces the back left. Then place a red 1x1 plate underneath the front row so it is centered horizontally.

Step 48.3

Skip this step if you have already placed your sticker! Ask a helper to place sticker 27 on the red 2x3 angled sloped curved tile. This sticker has a clam shell on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 48.4

Rotate your part 180 degrees. Now horizontally place the 2 leftmost columns of your part upright on the 3 front-facing side studs that are to the right of the 1x2 sloped curved tile so it slopes to the right.

Step 49.1

Let’s make a part! Horizontally place a red 1x2 hinge base with a sticker in front of you so the wall faces the front.

Step 49.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 19 on the red 1x2 hinge base. This sticker has illegible writing on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 49.3

Horizontally place a red 1x2 plate with a bar underneath on top. Now horizontally place a red 1x2x3 slope brick with a sticker on top so it slopes to the right.

Step 49.4

Skip this step if you have already placed your sticker! Ask a helper to place sticker 14 on the red 1x2x3 slope brick. This sticker says Ray Ban. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 49.5

Horizontally place your part upright on the left-facing side studs of your previous part that are in the front so it slopes down to the left. Now push it slightly to the back so it follows the angle of the 2x4 angled plate that is below the part.

Step 50.1

Let’s make a part! Horizontally place 2 black 1x2 plates with 2x2 upright side studs, 1 to the right of the other, in front of you so the side studs face the front. Now horizontally place a black 1x4 tile upright on the bottom row of front-facing side studs. Then horizontally place 2 black 1x2 ingot tiles, 1 to the right of the other, upright on the front-facing side studs.

Step 50.2

Rotate your main build 180 degrees. Now horizontally place your part upright on the bottom row of front-facing side studs that are on the 3rd to 6th column of front-facing side studs from the left so the tiles face down.

Step 51.1

Let’s make a part! Horizontally place a black 2x4 angled plate upside down in front of you so the angled side faces the front and the short end faces the right. Now place a red pinhole with a side stud underneath the leftmost stud so the side stud sticks up and faces the back.

Step 51.2

Attach the back-facing stud of your part upright on the front-facing bar that is to the right of the previous part.

Step 52

Horizontally place a red 1x2 plate upright on the front-facing side stud that is on the 4th and 5th column of front-facing side studs from the left. Now horizontally place a dark grey 1x2 sloped curved tile upright on the front-facing side studs to the right of the ppp so it slopes to the right.

Group 7 - Race Car

Step 53

Horizontally place a red 1x2 plate printed with a white line upright on the front-facing side studs that are above the 2 ppp so the print faces up. Now place a red 1x1 tile upright on the right stud of the ppp.

Step 54.1

Let’s make a part! Place a red 1x1 brick with a sticker in front of you so the sticker faces up and the stud faces the left.

Step 54.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 13 on the red 1x1 brick. This sticker has a white and yellow stripe. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 54.3

Place the side stud of a red 1x1 plate with a side stud hanging down upright on the right-facing anti-stud so the anti-stud faces the back. Now place a red 1x1 plate upright on the left-facing side stud. Then place a red 1x1 corner panel upright on the ppp so the walls face up and the front.

Step 54.4

Horizontally place the back-facing anti-stud of your part upright on the front-facing side that is to the left of the 1x1 tile from step 54.

Group 6 - Race Car

Step 55.1

Let’s make a part! Vertically place a red 1x2 plate with 2 upright side studs in front of you so the side studs face the left. Now vertically place a red 1x2 plate on top.

Step 55.2

Horizontally place a red 2x3 angled sloped curved tile with a sticker on top so it slopes and overhangs 2 columns to the right, and the cutoff corner faces the back right. Then place a red 1x1 plate underneath the front row so it is centered horizontally.

Step 55.3
Skip this step if you have already placed your sticker! Ask a helper to place sticker 30 on the red 2x3 angled sloped curved tile. This sticker has a clam shell on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 55.4
Rotate your part 180 degrees. Now horizontally place the 2 leftmost columns of your part upright on the 3 front-facing side studs that are to the right of the 1x2 sloped curved tile so it slopes to the left.

Step 56.1

Let’s make a part! Horizontally place a red 1x2 hinge base with a sticker in front of you so the wall faces the front.

Step 56.2
Skip this step if you have already placed your sticker! Ask a helper to place sticker 18 on the red 1x2 hinge base. This sticker has illegible writing on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 56.3
Horizontally place a red 1x2 plate with a bar underneath on top. Now horizontally place a red 1x2x3 slope brick with a sticker on top so it slopes to the left.

Step 56.4
Skip this step if you have already placed your sticker! Ask a helper to place sticker 19 on the red 1x2x3 slope brick. This sticker says Ray Ban. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 56.5
Horizontally place your part upright on the right-facing side studs of your previous part that are in the front so it slopes down to the right. Now push it slightly to the back so it follows the angle of the 2x4 angled plate that is below the part.

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

Step 57.1

Vertically place a red 1x2 double slope brick with 2 stickers on the 7th column from the right so it is centered vertically.

Step 57.2

Skip this step if you have already placed your sticker! Ask a helper to place 2 of sticker 12 on the red 1x2 double slope brick. These stickers say AWS on them. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 58.1

Horizontally place a red 1x5 angled slope brick with a sticker to the right of the front row of the ppp so it slopes to the front and the short end faces the right.

Step 58.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 9 on the red 1x5 angled slope brick. This sticker says HP on a blue circle. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 58.3

Horizontally place a red 1x5 angled slope brick with a sticker behind the ppp so the angled side faces the back and the short end faces the right.

Step 58.4

Skip this step if you have already placed your sticker! Ask a helper to place sticker 7 on the red 1x5 angled slope brick. This sticker says HP on a blue circle. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 59

Place a black 1x1 round brick with a side stud on the front row of the rightmost column so the side stud faces the front. Then place a black 1x1 clip on top of the ppp so the clip hands face left and right. Now repeat both parts symmetrically to the back.

Step 60

Place a black 1x1 round brick with a side stud upright on the rightmost front-facing side stud so the side stud faces the right. Then repeat symmetrically to the back.

Step 61.1

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.

Step 61.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 5 on the black 1x2 plate with 2x2 upright side studs. This sticker has a circle and an oval on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 62

Place a black 2x2 tile with 2 studs on top of the ppp so the studs overhang 1 row to the front.

Step 63

Vertically place a black 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. Then vertically place a red 1x2 rounded plate underneath the front right corner, to the right of the ppp so 1 row is exposed to the front.

Step 64

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.

Step 65

Vertically place 2 black 1x2 jumper plates, 1 to the right of the other, on top so they are centered vertically.

Step 66

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

Step 67.1

Let’s make another part! Vertically place a black 1x2 plate with 2 upright side studs in front of you so the side studs face the left. Then vertically place a black 1x2 tile with a cutoff corner and a sticker on top so the cutoff corner faces the front right.

Step 67.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 4 on the black 1x2 tile with a cutoff corner. This sticker says HP on a blue circle. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 67.3

Vertically place a black 1x2 panel with a sticker upright on the left-facing side studs so the wall faces up.

Step 67.4

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

Step 67.5

Vertically place your part upright on the front-facing side studs so the panel faces the left.

Step 68.1

Let’s make another part! Vertically place a black 1x2 plate with 2 upright side studs in front of you so the side studs face the right. Then vertically place a black 1x2 tile with a cutoff corner and a sticker on top so the cutoff corner faces the front left.

Step 68.2

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

Step 68.3

Vertically place a black 1x2 panel with a sticker upright on the right-facing side studs so the wall faces up.

Step 68.4

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

Step 68.5

Vertically place your part upright on the back-facing side studs so the panel faces the left.

Step 69.1

Place the bar of a dark grey 1x1 round tile with an upright bar on the left stud so the anti-stud faces up. Then place a short black 1x1 brick to the right of the ppp. Now place a black 1x1 tile printed with a grid of 15 dark grey dots on top.

Step 69.2

Vertically place the anti-studs of your part upright on the right-facing studs of the main build so it is centered vertically, 1 row hangs down, and the 2 studs face up.

Step 70

Vertically place a black 1x2 plate with a bar on the rightmost column so the bar is on the left and attaches to the 2 clips.

Step 71.1

Vertically place a black 2x6 slope tile with a sticker on the rightmost column so 1 column overhangs to the right and it slopes to the left.

Step 71.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 3 on the black 2x6 slope tile. This sticker has a red and white line and has 2 blue circles that say hp. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 72

Attach a black claw with a clip to the bar that is to the left of the ppp so it is centered vertically, the claw faces up, and curves to the right.

Step 73

Insert a 4L axle into the leftmost back-facing axle hole of the thin lift arm so it does not go through the thin lift arm. This is in preparation for the front of the car that we will adding next.

Group 9 - Race Car

Step 74

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.

Step 75

Place a light grey 1x1 round 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 the round side faces the right and 2 columns overhang to the left.

Step 76

Place a black 3x3 L-shaped plate underneath the front left corner so 1 column is exposed to the left and 2 rows are exposed to the front. Then repeat symmetrically to the back.

Step 77

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

Step 78

Vertically place a black 1x2 jumper plate on the 3rd column from the right so it is centered vertically. Then 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.

Step 79

Vertically place a black 1x2 jumper plate with a round side on the 2nd column from the left 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.

Step 80

Place a red 1x1 slope tile printed with a Ferrari logo on the leftmost column so it slopes to the left. Then horizontally place a red 1x6 sloped curved brick printed with a clam shell, AWS, and some other illegible logos to the right of the ppp so it slopes to the left.

Step 81.1

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

Step 81.2

Skip this step if you have already placed your sticker! Ask a helper to place sticker 24 on each of the black 1x2 sloped curved tiles. These stickers are half black and half red. Make sure the stickers are placed on correctly and are oriented on the build correctly, ask a sighted person to check.

Step 82

Vertically place a black 2x3 wedge plate underneath the left column of the back ppp so the angled side faces the left and the short end faces the back. Then repeat symmetrically to the front.

Step 83

Place a black 2x2 angled sloped curved tile with a sticker on the front row, in front of the 1x2 sloped curved tile so it slopes to the left and the short end is in the front.

Step 83.2

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 is black, red, and says V-Power and HCLSoftware. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 83.3

Repeat step 83.1 symmetrically to the back.

Step 83.4

Skip this step if you have already placed your sticker! Ask a helper to place sticker 28 on the black 2x2 angled sloped curved tile. This sticker is black, red, and says V-Power and HCLSoftware. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 84.1

Let’s make a 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 light grey 1x1 round plate on the right column.

Step 84.2

Place a black 1x1 tile upright on the right front-facing side stud. Then place a black 2x2 corner tile with a cutoff corner and a sticker upright to the left of the ppp so 1 row overhangs to the top and the cutoff corner faces the top left.

Step 84.3

Skip this step if you have already placed your sticker! Ask a helper to place sticker 25 on the black 2x2 corner tile with a cutoff corner. This sticker is black, red, and has a white flame logo. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 85

Horizontally place your part underneath the 2x2 angled sloped curved tile that is in front so 1 column is exposed to the right and the upright tiles face the front.

Group 10 - Race Car

Step 86.1

Let’s make a 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 light grey 1x1 round plate on the left column.

Step 86.2

Place a black 1x1 tile upright on the left front-facing side stud. Then place a black 2x2 corner tile with a cutoff corner and a sticker upright to the right of the ppp so 1 row overhangs to the top and the cutoff corner faces the top right.

Step 86.3

Skip this step if you have already placed your sticker! Ask a helper to place sticker 23 on the black 2x2 corner tile with a cutoff corner. This sticker is black, red, and has a white flame logo. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 87

Horizontally place your part underneath the 2x2 angled sloped curved tile that is in the back so 1 column is exposed to the right and the upright tiles face the back.

Step 88.1

Vertically place a black 1x2 tile with a cutoff corner and a sticker on the front row so the cutoff corner faces the back right.

Step 88.2

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 is white and has a blue circle that says hp. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 88.3

Repeat step 88.1 symmetrically to the back.

Step 88.4

Skip this step if you have already placed your sticker! Ask a helper to place sticker 22 on the black 1x2 tile with a cutoff corner. This sticker is white and has a blue circle that says hp. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 89

Horizontally place the rightmost axle hole of your part in between the axle holes of the thin lift arms that are on the left end of the main build. Then push the 4L axle that is in the back to the front so it is centered vertically and holds your part in place.

Step 90.1

Let’s make a part! Place a short black 1x1 brick in front of you. Then horizontally place a black 1x2 rounded plate on top so it overhangs to the right.

Step 90.2

Stack 2 black 1x1 plates with a tooth underneath the rightmost column so the teeth face the right.

Step 90.3

Horizontally place a black 1x3 inverted half arch brick with a sticker on the right stud so it overhangs and slopes to the right.

Step 90.4

Skip this step if you have already placed your sticker! Ask a helper to place sticker 20 on the black 1x3 inverted half arch brick. This sticker has a blue circle that says hp. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 90.5

Place a black 1x1 round plate on the leftmost column. Then place a black 1x1 quarter circle tile on top of the ppp so the curve faces the front left.

Step 90.6

Horizontally place your part upright on the 2 front-facing side studs that are in the middle of the build so it slopes and overhangs to the left.

Step 91.1

Let’s make a part! Place a short black 1x1 brick in front of you. Then horizontally place a black 1x2 rounded plate on top so it overhangs to the left.

Step 91.2

Stack 2 black 1x1 plates with a tooth underneath the leftmost column so the teeth face the left.

Step 91.3

Horizontally place a black 1x3 inverted half arch brick with a sticker on the left stud so it overhangs and slopes to the left.

Step 91.4

Skip this step if you have already placed your sticker! Ask a helper to place sticker 20 on the black 1x3 inverted half arch brick. This sticker has a blue circle that says hp. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

Step 91.5

Place a black 1x1 round plate on the rightmost column. Then place a black 1x1 quarter circle tile on top of the ppp so the curve faces the front right.

Step 91.6

Horizontally place your part upright on the 2 back-facing side studs that are in the middle of the build so it slopes and overhangs to the left.

Step 92

Attach a red spoon to the back top-facing clip that is in front of the previous part so the spoon head faces the back and the rounded side faces the left. Then repeat symmetrically to the front. These are the mirrors!

Step 93

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

Step 94

Attach the right-facing handle of your part to the back top-facing clip that is to the right of the mirrors, then attach the other handle to the clip in the front so the bar bends.

Step 95

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

Step 96

Bend the bendable bar all the way to the left so it faces the left and make sure that the bar of the claw is inserted into the pinhole of the 2x2 round tile with a pinhole.

Group 11 - Race Car

Step 97.1

Let’s make a part! Horizontally stack 2 red 1x2 rounded plates in front of you.

Step 97.2

Insert the bar of a black 1x1 round plate with a bar into the left stud so the stud faces the left. Now place a yellow 1x1 round tile upright on the left-facing side stud.

Step 98

Place the pinhole of a red neck piece with a side stud on the right column so the stud is upright and faces the right. Now horizontally place a black 1x2 ingot tile upright on the right-facing side stud so it is centered horizontally.

Step 99

Place the 1x1 round tile of your part in between the 1x3 doors that are to the right of the bendable bar so the anti-studs of the 1x2 rounded plates face the right and the 1x2 ingot tile is on top. Now bend the doors inwards to the front and back so it holds your part in place.

Step 100.1

Attach a black suspension block with 2 axle holes and a sticker to the leftmost front-facing axle 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. Then repeat both parts symmetrically to the back.

Step 100.2

Skip this step if you have already placed your stickers! Ask a helper to place sticker 21 on each of the black suspension blocks. These stickers have a blue circle and say hp. Make sure the stickers are placed on correctly and are oriented on the build correctly, ask a sighted person to check.

Step 101.1

Let’s make 2 identical parts! Place a larger black tire with a yellow stripe in front of you so the hollow side faces up. Then place a yellow 1x1 round plate on top. Now place a black 2x2 dish printed with a red rim on top.

Step 101.2

Now you should have 2 identical parts! Attach the pinhole of 1 part to the rightmost front-facing pin. Then repeat symmetrically to the back.

Step 102

Attach a thinner black wheel printed with a yellow stripe to the leftmost front-facing pin so the hollow side faces the front. Then place a black 2x2 dish printed with a red rim upright on the front-facing side of it. Then repeat both parts symmetrically to the back.

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