

77254 Ferrari SF90 XX Stradale Sports Car

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Boys and girls ages 9 and up can build, play with and display this stylish LEGO® Speed Champions Ferrari SF90 XX Stradale Sports Car (77254). The Ferrari model car includes many of the design details from the real-life version – Ferrari's most powerful ever street-legal car. This Ferrari toy car features a cab-forward design, a rear wing, high tailpipes and rims decorated with the Ferrari shield. The car model kit also includes a driver minifigure wearing a Ferrari outfit and helmet to place inside the single-seat cockpit for kids to display and show their passion for the Italian car maker.

FERRARI MODEL CAR – LEGO® Speed Champions Ferrari SF90 XX Stradale Sports Car (77254) for boys and girls ages 9 and up to build, display and play out racing action on the track and streets.

1 DRIVER MINIFIGURE – This model car kit includes a driver minifigure wearing a Ferrari outfit and helmet with a wig and wrench, which can also be used to apply stickers and separate bricks.

AUTHENTIC DETAILS – Includes details from the real-life version, including a cab-forward design, a rear wing, high tailpipes and rims decorated with the iconic Ferrari shield.

TEEN ROOM DECOR – After boys and girls have enjoyed playing out racing stories with this collectible LEGO® race car, they can proudly display it in their room on a shelf, desk or bedside table.

DIMENSIONS – 339-piece playset featuring a Ferrari car model measuring over 1.5 in. (4 cm) high, 6.5 in. (17 cm) long and 5 in. (13 cm) wide.

The front of the box shows a red Ferrari driving down the street!

The back of the box shows the Ferrari driving around a racing track with spectators watching!

The top of the box shows a black wheel.

The build is 339 pieces in total and is for ages 9+.

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, 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/77254>) 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 5 bags labeled 1 to 5, 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.

Bag 1 - Driver and Ferrari

Group 1 - Page 7.

Group 2 - Steps 1-15.

Group 3 - Steps 16-24.

Bag 2 - Ferrari

Group 4 - Steps 25-31.

Group 5 - Steps 32-50.

Group 6 - Steps 51-64.

Bag 3 - Ferrari

Group 7 - Steps 65-80.

Group 8 - Steps 81-94.

Group 9 - Step 95 and 2 black 1x2 tiles with a cutoff corner from Step 96.

Group 10 - Rest of Step 96 and Steps 97-98.

Bag 4 - Ferrari

Group 11 - Steps 99-113.

Group 12 - Steps 114-119.

Bag 5 - Ferrari

Group 13 - Steps 120-123.

Group 14 - Steps 124-128.

Group 15 - Step 129 and 1 red 1x1 plate from Step 130.

Group 16 - Rest of Step 130 and Steps 131-135.

Group 17 - Step 136.

Group 18 - Step 137 and 1 black 1x1 plate from Step 138.

Group 19 - Rest of Step 138 and Steps 139-143.

Group 20 - Steps 144-149.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Driver

Sub-build 1. Locate 1 dark grey pair of legs, 1 red torso printed with a sweater, 1 yellow head printed with eyes, eyelashes, lips, 1 black helmet, 1 transparent visor, and 1 silver wrench. Assemble your minifigure, attach the visor to the helmet, then attach the helmet to her head, and attach the wrench to her hand! Now put her away while we make her Ferrari!

Group 2 - Ferrari

1. Horizontally place a black 6x12 car base in front of you. Then vertically place a white 1x3 jumper plate on the 4th column from the left so it is centered vertically. Now place a gold 1x1 round flower plate in front of the ppp. Then repeat symmetrically to the back.

2. Place a dark grey 1x1 round tile to the right of the 3 ppp so it is centered vertically. Then vertically place a yellow 1x2 rounded plate in front of the ppp. Then repeat symmetrically to the back. Now horizontally place a dark grey 1x3 rounded plate to the right of the 3 ppp so it is centered vertically.

3. Vertically place a yellow 1x2 rounded plate on the front 2 rows of the 4th column from the left. Then place a gold 1x1 round flower plate on the front row of the ppp. Now repeat both parts symmetrically to the back.

4. Vertically place a dark grey 1x2 jumper plate on the back 2 rows, to the right of the 2 ppp. Then vertically place a black 1x2 slope tile to the right of the ppp so it slopes to the right. Now repeat both parts symmetrically to the front.

5. Vertically place a dark grey 1x2 tile with a sloped bar above it on the 4th column from the left so it is centered vertically and slopes to the left.

6. Place a black 1x1 brick with a side stud in front of the ppp so the side stud faces the right. Now repeat symmetrically to the back.

7. Place a dark grey 1x1 round tile on the 4th column from the right so it is centered vertically. Then vertically place a yellow 1x2 rounded plate in front of the ppp. Then repeat symmetrically to the back.

8. Vertically place 2 dark grey 1x3 rounded plates, 1 in front of the other, on top of the 3 ppp so together they are centered vertically.

9.1. Horizontally place a black 1x4 tile with a sticker to the left of the 2 ppp so it is centered vertically.

9.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 7 on the black 1x4 tile. This sticker has a drive shift and buttons on it! Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

10. Vertically place a dark grey 2x6 plate with bricks with axle holes on the ends underneath the 2 rightmost columns so it is centered vertically. Now insert a tan 2L pin axle into the front-facing axle hole of the ppp so the pin faces the front. Then repeat symmetrically to the back.

11. Vertically place a light grey 1x4 tile with 2 studs underneath the 2nd column from the left so it is centered vertically.

12. Vertically place a yellow 1x2 rounded plate on the 2nd column from the left so it is centered vertically. Then vertically place a blue 1x2 plate with a hinge to the right of the ppp so it is centered vertically and the hinge faces the right.

13. Place a light grey 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.

14. Place a red 2x2 corner plate on the 2nd and 3rd columns from the left, in front of the ppp so it looks like the braille letter h and 1 row overhangs to the back. Then repeat symmetrically to the front.

15. Place a red 1x1 round brick with a side stud upright on the leftmost front-facing side stud so the side stud faces down. Then repeat symmetrically to the back.

Group 3 - Ferrari

16. Vertically place a light grey 1x4 tile with 2 studs on the 2nd column from the left so it is centered vertically. Then place a black 1x1 round plate in front of the ppp. Then repeat symmetrically to the back.

17.1. Let's make a part! Vertically place a dark grey 2x6 plate with bricks with axle holes on the ends in front of you. Then place a red 2x2 corner plate on the 2nd and 3rd rows from the front so it looks like the braille letter f. Then insert a tan 2L pin axle into the front-facing axle hole so the pin faces the front. Now repeat both parts symmetrically to the back.

17.2. Vertically place your part underneath the leftmost column so it is centered vertically and 1 column is exposed to the left.

18. Horizontally place a black 1x2 plate on the 2nd row from the front of the 2 leftmost columns. Then place a gold 1x1 round flower plate on the right column of the ppp. Now repeat both parts symmetrically to the back.

19. Place 2 pink 1x1 round tiles with an upright bar, 1 in front of the other, on the 2nd column from the left so together they are centered vertically.

20.1. Let's make a part! Horizontally place a dark grey 1x2 plate with a pinhole in front of you so the pinhole is on the left. Then insert a black 2L pin into the front-facing pinhole. Now horizontally attach the

pinhole of a dark grey 1x2 plate with a pinhole into the front-facing pin so it is centered horizontally with the previous plate.

20.2. Place your part on the leftmost column so it is centered vertically and the pinholes overhang 1 column to the left.

21. Horizontally place a dark grey 1x2 inverted slope brick on the 2nd row from the front of the leftmost column so it slopes and overhangs to the left. Then repeat symmetrically to the back.

22.1. Let's make a part! Vertically place a green 1x2 plate with 2 upright side studs in front of you so the side studs face the left. Now vertically place a yellow 1x2 rounded plate on top. Then vertically place a dark grey 1x2 brick with 2 side studs on top of the ppp so the side studs face the right.

22.2. Lay your part on its right-facing side so the side studs of the 1x2 plate with 2 upright side studs face up and the anti-studs face the left. Then vertically place a black 1x2 plate on top. Now vertically attach the side studs of a white 1x2 brick with side studs on 2 sides to the left-facing anti-studs so the studs face up and the side studs face the left.

22.3. Horizontally place your part on the 3 leftmost columns so it is centered vertically.

23. Vertically insert light grey 5L bar with a stop into the leftmost front-facing 2L pin that is underneath the leftmost column of the previous part so the stop is in the front and it is centered vertically.

24. Attach the clips of a black flag with 2 clips to the front of the ppp so it faces the left. Then repeat symmetrically to the back.

Building Instructions (Bag 2, Book 1):

Group 4 - Ferrari

25. Flip your build upside down so it is horizontal and the flags face the left. Horizontally attach 2 black skeleton arms to the bar in between the clips of the front flag so they bend upright and the clips face the left. Now attach a black 1x1 diamond tile with a bar to the front ppp so the longer tip faces the left. Then repeat symmetrically to the back.

26. Horizontally attach 2 black skeleton arms to the bar in between the clips of the back flag so they bend upright and the clips face the left. Now attach a black 1x1 diamond tile with a bar to the front ppp so the longer tip faces the left. Then repeat symmetrically to the back.

27. Flip your build over so it is right side up, horizontal, and the flags face the left. Now vertically place a red 1x8 plate on the 5th column of studs from the left so it is centered vertically. It should sit to the right of a 1x4 tile with 2 studs and 2 1x1 round plates.

28.1. Let's make a part! Horizontally place a dark grey 1x3 rounded plate in front of you. Then place a black 1x1 brick with a side stud on top so it is centered horizontally and the side stud faces the front. Then place a black 1x1 tile on top of the ppp. Now place a black candle stick on the leftmost column. Then repeat symmetrically to the right.

28.2. Place a black 2x2 tile with 2 studs upright on the front-facing side stud so it is centered on it and the studs are at the bottom. Now horizontally stack 2 black 1x2 plates upright on the front-facing side studs. Then place a black 2x2 sloped curved tile upright on the front-facing side studs so it slopes and overhangs to the top.

28.3. Place your part upright on the left-facing side studs so it is centered vertically, hang 2 rows to the bottom, and the 2x2 sloped curved tile faces down.

29. Place a red 2x2 plate with a mudguard on the leftmost column of studs so it is centered vertically, 1 column sits to the left on top of the previous part, and the mudguard faces the left.

30. Horizontally place a red 2x4 brick with a mudguard on the front left corner of studs so 1 column overhangs the left, and the mudguard and 1 row overhang to the front, above the leftmost front-facing pin. Then repeat symmetrically to the back.

31. Place a black 2x2 tile with 2 studs on the back left corner of the ppp so the studs are in the back and it sits in front of a 2x2 plate with a mudguard and 1x2 plate. Then vertically place a black 1x1 tile with a 1x1 slope tile to the right of the ppp so it slopes to the front. Now repeat both parts symmetrically to the front.

Group 5 - Ferrari

32. Place a red 1x1 plate on the leftmost column of the front row. Then horizontally place a red 1x2 plate to the right of the ppp. Now repeat both parts symmetrically to the back.

33. Let's make a part! Stack 2 black 1x1 round plates in front of you.

34. Place a red 1x1 plate with 2 side studs hanging down on top of the ppp so the side studs face the right.

35. Place a black 1x1 round plate upright on the top right-facing side stud. Then place a black 1x1 quarter circle tile upright below the ppp so the curve faces down and to the front.

36. Vertically place a red 1x2 tile with a cutoff corner upright on the right-facing side stud so the cutoff corner faces down and to the front.

37. Place a red 2x2 plate with a cutoff corner on top so the angled side overhangs to the front and the short end faces the right. Then place a black 1x1 quarter circle tile on the right column so the curve faces the front right.

38. Place a black 3x3 L-shaped plate on the back left corner so 2 columns overhang to the left, 2 rows overhang to the back, and the corner faces the front right.

39. Place a red 1x1 plate underneath the 2nd column from the left.

40. Rotate your part 90 degrees clockwise so the upright 1x2 tile with a cutoff corner faces the front. Now place your part on the front left corner so the back row of your part sits on the front left corner of the 2x2 plate with a mudguard.

41. Let's make a part! Stack 2 black 1x1 round plates in front of you.

42. Place a red 1x1 plate with 2 side studs hanging down on top of the ppp so the side studs face the left.
43. Place a black 1x1 round plate upright on the top left-facing side stud. Then place a black 1x1 quarter circle tile upright below the ppp so the curve faces down and to the front.
44. Vertically place a red 1x2 tile with a cutoff corner upright on the left-facing side stud so the cutoff corner faces down and to the front.
45. Place a red 2x2 plate with a cutoff corner on top so the angled side overhangs to the front and the short end faces the left. Then place a black 1x1 quarter circle tile on the left column so the curve faces the front left.
46. Place a black 3x3 L-shaped plate on the back right corner so 2 columns overhang to the right, 2 rows overhang to the back, and the corner faces the front left.
47. Place a red 1x1 plate underneath the 2nd column from the right.
48. Place your part on the back left corner so the front row of your part sits on the back left corner of the 2x2 plate with a mudguard.
49. Vertically place a red 2x4 tile printed with the word Ferrari on the leftmost column so it is centered vertically and 1 column overhangs to the left over the mudguard.
50. Place a red 1x1 corner slope tile on the front row, to the right of the 1x1 quarter circle tile that is on the front left corner so it slopes to the front left. Then place a red 1x1 tile to the right of the ppp. Now repeat both parts symmetrically to the back.

Group 6 - Ferrari

51. Place a red 2x2 plate with a cutoff corner in front of the 2x4 tile that is on the leftmost column so the angled side overhangs to the left and the short end faces the front. Now horizontally place a red 1x2 tile with a cutoff corner to the right of the back row of the ppp so the cutoff corner faces the front right. Now repeat both parts symmetrically to the back.
52. Place a transparent black 2x2 angled jumper plate in front of the ppp so the angled side faces the back and the short end faces the left. Then repeat symmetrically to the front. They should both be placed to the right of the 2x4 tile.
53. Rotate your build 180 degrees. Now stack 2 red 1x1 plates on the front row, above the rightmost front-facing side stud. Then repeat symmetrically to the back.
54. Horizontally place a red 1x2 plate on the back row, on top of the ppp so there is no overhang. Then repeat symmetrically to the front.
- 55.1. Horizontally place a red 1x2 tile with a cutoff corner and sticker on the front row on top of the ppp so the cutoff corner faces the front right.

55.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 6 on the red 1x2 tile with a cutoff corner. This sticker has a black and red side on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

55.3. Repeat step 55.1 symmetrically to the back.

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

56. Vertically place a black 2x3 C-shaped plate on the front 3 rows of the 3rd and 4th columns from the left so the 1x1 gap faces the left. Then repeat symmetrically to the back.

57. Horizontally place 2 red 1x1 plates with 2x6 upright side studs on the front row of the 4th to 9th columns from the left. Then repeat symmetrically to the back.

58. Horizontally place the left column of a black 1x2 panel on the rightmost column of the ppp so the wall faces the back. Then repeat symmetrically to the front.

59. Vertically place a red 1x3 plate upright on the rightmost front-facing column of 3 side studs. Then horizontally place a dark grey 1x3 rounded plate upright to the left of the ppp so it is centered vertically.

60. Horizontally place a red 1x2 tile upright on the bottom row of front-facing side studs, below the 2 leftmost columns of the ppp. Then horizontally place a red 1x2 sloped curved tile upright to the right of the ppp so it slopes to the left. Then place a red 2x2 corner tile upright above the ppp so it looks like the braille letter j.

61. Place a red 2x2 plate with 2 side studs upright on the bottom 2 rows of the 2 leftmost columns of front-facing side studs so the side studs face down. Then horizontally place a red 1x2 tile upright on the top row of the ppp.

62. Rotate your build 180 degrees. Then vertically place a red 1x3 plate upright on the leftmost front-facing column of 3 side studs. Then horizontally place a dark grey 1x3 rounded plate upright to the right of the ppp so it is centered vertically.

63. Horizontally place a red 1x2 tile upright on the bottom row of front-facing side studs, below the 2 rightmost columns of the ppp. Then horizontally place a red 1x2 sloped curved tile upright to the left of the ppp so it slopes to the right. Then place a red 2x2 corner tile upright above the ppp so it looks like the braille letter h.

64. Place a red 2x2 plate with 2 side studs upright on the bottom 2 rows of the 2 rightmost columns of front-facing side studs so the side studs face down. Then horizontally place a red 1x2 tile upright on the top row of the ppp.

Building Instructions (Bag 3, Book 1):

Group 7 - Ferrari

65. Place a green 2x2 plate on the rightmost column so it is centered vertically and overhangs 1 column to the right. Then vertically place a light grey 1x2 plate with an upright bar underneath the rightmost column of the ppp so the bar faces the right.

66. Place 2 green 2x2 plates, 1 in front of the other, on the 2nd and 3rd columns from the right so together they are centered vertically.

67. Place a gold 1x1 round flower plate on the 3rd column from the right of the 2nd row from the front. Then horizontally place a black 1x1 round plate with a handle on the 2nd and 3rd columns from the right of the 2nd row from the back so the handle faces the left. Now attach a yellow claw to the handle so the bar faces the top left.

68. Place a black 1x1 round plate on the 3rd column from the right of the front row. Then repeat symmetrically to the back.

69. Horizontally place 2 white 1x3 jumper plates, 1 in front of the other, on the 2nd to 4th columns from the right so together they are centered vertically. Now vertically place the back 2 rows of a dark grey 1x3 rounded plate to the left of the 2 ppp.

70.1. Vertically place a black 1x2 plate with a rail on the front 2 rows of the ppp so the rail faces the right. Then vertically place a black 1x2 slope tile with a sticker on top of the ppp so it slopes to the left.

70.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 5 on the black 1x2 slope tile. This sticker has a display and the radio on it! Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

71. Let's make a part! Place a black 2x2 plate with angled sides and a 1x2 gap in front of you so the 1x2 gap is in the front. Then place a red 2x2 tile with a cutoff corner on the front right corner so it overhangs 1 row to the front, the angled side faces the right, and the short end is in the back.

72. Horizontally place a green 1x2 plate underneath the ppp so it sits in the 1x2 gap.

73. Horizontally place a dark grey 1x2 jumper plate on the front row so it sits on 1 stud. Then horizontally place a black 1x2 rounded plate behind the ppp. Now place a red 1x1 quarter circle tile on the back right corner so the curve faces the back right.

74. Place a dark grey 1x1 round tile with an upright bar on the front row, on top of the 1x2 jumper plate.

75. Place a black 3x3 L-shaped plate on the 2nd row from the back so it overhangs 1 column to the left, and the corner faces the back left.

76. Horizontally place a black 1x2 rounded plate on the back left corner of the ppp so there is no overhang. Then horizontally attach the clip of a light grey 1x2 plate with a clip to the upright bar that is in front of the ppp so it overhangs 1 column to the left.

77. Rotate your part 180 degrees. Now place a black 1x1 plate with a side stud hanging down on the 2nd column from the right of the 2nd row from the front so the side stud faces the front.

78. Place a red 1x1 plate on top of the ppp. Now place a black 1x1 round plate upright on the front-facing side stud.

79. Vertically place a red 1x2 tile with a cutoff corner upright on the front-facing side stud so the angled side overhangs 1 row to the bottom and the cutoff corner faces the bottom left.

80. Rotate your part 180 degrees. Now horizontally place the leftmost column of your part on the rightmost column of the 2nd row from the back so it overhangs to the right.

Group 8 - Ferrari

81. Let's make another part! Place a black 2x2 plate with angled sides and a 1x2 gap in front of you so the 1x2 gap is in the front. Then place a red 2x2 tile with a cutoff corner on the front left corner so it overhangs 1 row to the front, the angled side faces the left, and the short end is in the back.

82. Horizontally place a green 1x2 plate underneath the ppp so it sits in the 1x2 gap.

83. Horizontally place a dark grey 1x2 jumper plate on the front row so it sits on 1 stud. Then horizontally place a black 1x2 rounded plate behind the ppp. Now place a red 1x1 quarter circle tile on the back left corner so the curve faces the back left.

84. Place a dark grey 1x1 round tile with an upright bar on the front row, on top of the 1x2 jumper plate.

85. Place a black 3x3 L-shaped plate on the 2nd row from the back so it overhangs 1 column to the right, and the corner faces the back right.

86. Horizontally place a black 1x2 rounded plate on the back right corner of the ppp so there is no overhang. Then horizontally attach the clip of a light grey 1x2 plate with a clip to the upright bar that is in front of the ppp so it overhangs 1 column to the right.

87. Rotate your part 180 degrees. Now place a black 1x1 plate with a side stud hanging down on the 2nd column from the left of the 2nd row from the front so the side stud faces the front.

88. Place a red 1x1 plate on top of the ppp. Now place a black 1x1 round plate upright on the front-facing side stud.

89. Vertically place a red 1x2 tile with a cutoff corner upright on the front-facing side stud so the angled side overhangs 1 row to the bottom and the cutoff corner faces the bottom right.

90. Rotate your part 180 degrees. Now horizontally place the leftmost column of your part on the rightmost column of the 2nd row from the front so it overhangs to the right.

91. Horizontally place a red 2x4 brick with a mudguard on the front row, to the left of the upright 1x2 tile with a cutoff corner from the previous part so 1 row and the mudguard overhang to the front. Then repeat symmetrically to the back.

92. Horizontally place a black 1x1 tile with a 1x1 slope tile on the front left corner of the ppp so it slopes to the left onto a 1x1 plate. Then repeat symmetrically to the front.

93. Place a red 1x1 corner slope tile on the front row, in front of the right column of the ppp so it slopes to the front left. Then repeat symmetrically to the back.

94. Vertically place an orange 1x2 ingot tile to the left of the right-facing bar that is centered vertically in between the 2 previous parts so it is centered vertically. Now horizontally place the rightmost column of a dark grey 1x3 rounded plate behind the ppp. Then repeat symmetrically to the front.

Group 9 - Ferrari

95.1. Horizontally place the right column of a red 1x2 plate on the leftmost column of the ppp.

95.2. Place a gold 1x1 round flower plate to the right of the ppp. Then repeat symmetrically to the back. Now place a black 1x1 round plate with a handle to the left of the ppp so the handle faces the left.

96.1. Vertically place a black 1x2 tile with a cutoff corner on top of the ppp so there is no overhang and the cutoff corner faces the back right. Then repeat symmetrically to the front.

Group 10 - Ferrari

96.2. Horizontally place a red 1x2 tile with a cutoff corner to the right of the front row of the ppp so the cutoff corner faces the back left. Then repeat symmetrically to the back.

97. Vertically place a red 1x2 plate on the back 2 rows, to the right of the ppp. Then repeat symmetrically to the front.

98. Horizontally place a red 1x4 sloped curved tile behind the ppp so it sits to the right of a 1x2 tile with a cutoff corner, slopes to the right, and the angled side faces the front right. Then repeat symmetrically to the back.

Building Instructions (Bag 4, Book 1):

Group 11 - Ferrari

99.1. Let's make 2 identical parts! Horizontally place a white 1x5 rounded plate in front of you. Then horizontally place a red 1x2 jumper plate on the 2 leftmost columns. Now insert a dark grey 1x1 round tile with an upright bar into the top-facing axle hole, to the right of the ppp so the anti-stud faces up.

99.2. Now you should have 2 identical parts! Horizontally place them, 1 in front of the other, in between the 2 ppp from step 98 so together they are centered vertically, sit on the 1x3 jumper plates, and overhang 3 columns to the right.

100. Vertically place a black 1x2 rounded plate on the 2nd column from the right of the 2 previous parts so it is centered vertically.

101. Vertically place a red 1x2 plate with a rail on the 2 1x2 jumper plates that are to the left of the ppp and anti studs so it is centered vertically and the rail faces the right.

102. Place 2 black 1x1 plates, 1 in front of the other, on the 2 top-facing anti-studs that are to the right of the ppp.

103. Let's make a part! Place a black 1x1 brick with an axle hole in front of you so the axle hole faces the front and back. Now place a black 1x1 plate with 2 side studs hanging down on top of the ppp so the side studs face the left.

104. Place a black 1x1 plate on top.

105. Place a green 1x1 tile with a clip on top so the clip hands face the front and back.

106. Place a black 1x1 tile upright on the top left-facing side stud. Then horizontally place a black 1x2 tile with a round side upright below the ppp so it is centered horizontally and the round side faces up.

107. Lay your part on its left-facing side so the tiles face down and the clip faces the left. Now insert a red diamond with a handle into the front-facing axle hole so the longer tip faces the right. Then repeat symmetrically to the back.

108. Attach the left-facing clip of your part to the right-facing bar so it is centered vertically.

109.1. Horizontally place a red 2x4 sloped curved tile with a sticker on top of the ppp so it sits on 4 studs, is centered vertically, and slopes to the right.

109.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 1 on the red 2x4 sloped curved tile. This sticker has a yellow rectangle with a black horse on it. It is Ferrari's logo! Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

110.1. Let's make a part! Horizontally place a black 1x2 rounded plate in front of you. Then place a red 1x1 tile with a round side on the left column so the round side faces the left. Now horizontally place a red 1x2 tile with a cutoff corner to the right of the ppp so it overhangs 1 column to the right and the cutoff corner faces the front right.

110.2. Horizontally place your part on the rightmost column, behind the 2x4 sloped curved tile that is on the right end of the build so it overhangs 2 columns to the right.

110.3. Let's make a part! Horizontally place a black 1x2 rounded plate in front of you. Then place a red 1x1 tile with a round side on the left column so the round side faces the left. Now horizontally place a red 1x2 tile with a cutoff corner to the right of the ppp so it overhangs 1 column to the right and the cutoff corner faces the back right.

110.4. Horizontally place your part on the rightmost column, in front of the 2x4 sloped curved tile that is on the right end of the build so it overhangs 2 columns to the right.

111. Rotate the previous part 45 degrees counterclockwise so it faces the back right. Then repeat symmetrically to the back.

112. Horizontally place a red 2x4 angled sloped curved brick on the back right corner, above the ppp so it sits on 3 studs, slopes to the right, and the angled side faces the back right. Then place a red 2x2 tile with a cutoff corner to the left of the ppp so the angled side faces the front and the short end faces the left. Now repeat both parts symmetrically to the front.

113. Place a red 1x1 corner slope tile upright on the leftmost side stud that is on the top front-facing row so it slopes to the top right. It should sit to the right of a red 2x2 corner tile. Then horizontally place a red 1x2 slope tile upright to the right of the ppp so it slopes up. Now place a red 2x2 tile with a cutoff corner upright below the ppp so the angled side faces down and the short end faces the left.

Group 12 - Ferrari

114. Place a red 1x1 slope tile printed with a Ferrari logo upright on the top right front-facing side stud so it slopes up. Then place a black 1x1 plate with an upright side stud, upright to the left of the ppp so the side stud faces up. Now place a red 1x1 quarter circle tile on top of the ppp so the curve faces the front right.

115. Rotate your build 180 degrees. Now vertically place a black 1x2 tile on the 2nd column of studs from the left so it sits on 1 stud and to the left of a 1x2 slope tile with a sticker. Then horizontally place the left column of a black 1x1 tile with a 1x1 slope tile in front of the ppp so it slopes to the right.

116. Attach a black steering wheel to the top right facing bar that is in front of the ppp.

117. Place a red 1x1 corner slope tile upright on the rightmost side stud that is on the top front-facing row so it slopes to the top left. It should sit to the left of a red 2x2 corner tile. Then horizontally place a red 1x2 slope tile upright to the left of the ppp so it slopes up. Now place a red 2x2 tile with a cutoff corner upright below the ppp so the angled side faces down and the short end faces the right.

118. Place a red 1x1 slope tile printed with a Ferrari logo upright on the top left front-facing side stud so it slopes up. Then place a black 1x1 plate with an upright side stud, upright to the right of the ppp so the side stud faces up. Now place a red 1x1 quarter circle tile on top of the ppp so the curve faces the front left.

119.1. Let's make a part! Let's make the wing! Horizontally place a black 1x4 tile in front of you. Then place a black 2x2 curved corner plate underneath the leftmost column so 1 column is exposed to the left and the curve faces the back left. Then repeat symmetrically to the right. Now vertically place a black 1x1 plate with a 1x1 slope tile underneath the front row of the leftmost column so it slopes to the front. Then repeat symmetrically to the right. Now place a black 2x2 plate with a cutoff corner on the leftmost column so the angled side faces the back and the short end overhangs to the left. Then repeat symmetrically to the right.

119.2. Rotate your main build 180 degrees. Now vertically place your part on the leftmost column of studs so it is centered vertically, 1 column overhangs to the right onto the tiles, and the wing is on the left.

Building Instructions (Bag 5, Book 1):

Group 13 - Ferrari

120. Horizontally place a red 1x2 angled sloped curved tile on the front row above the leftmost front-facing pin so it sits to the right of a 1x1 tile, slopes to the right, and the angled part faces the back right. Then repeat symmetrically to the back.

121.1. Let's make a part! Horizontally place a black 1x6 plate in front of you. Then horizontally place a green 1x2 plate underneath the 2 leftmost columns. Then repeat symmetrically to the right.

121.2. Horizontally place 2 dark grey 1x2 plates with a rail, 1 to the right of the other, on top so together they are centered horizontally and the rails face the back. Now place a black 1x2 tile with a cutoff corner on the leftmost column so the cutoff corner overhangs to the back and faces the back right. Then repeat symmetrically to the right.

121.3. Horizontally place your part upright on the 2 right-facing side studs that are on the 8th column from the left so it is centered vertically and the rails face up.

122. Let's make a part! Horizontally place a green 1x2 plate in front of you. Then place a black 1x1 plate underneath the left column. Then repeat symmetrically to the right.

123. Horizontally place a red 1x2 plate with 2x2 upright anti-studs on top so the anti-studs face the back.

Group 14 - Ferrari

124. Horizontally place a black 1x2 plate on top.

125. Horizontally place a red 1x2 plate with 2x2 side studs hanging down on top so the side studs face the front.

126. Flip your part upside down so 2 anti-studs face up and the 2x2 side studs face the front. Place a red 2x2 tile with 2 upright side studs upright on the front-facing side studs so the studs face up. Then horizontally place a transparent black 1x4 tile on top so it is centered horizontally.

127. Attach a black 1x1x2 brick with side studs on 2 sides upright on the right column of back-facing anti-studs so the side studs face the right. Then repeat symmetrically to the left.

128. Let's make another part! Vertically place a black 1x2 plate in front of you. Then horizontally place a black 1x3 tile on the back row so 2 columns overhang to the left.

Group 15 - Ferrari

129. Vertically place a red 1x2 plate underneath the 2nd column from the left so 1 row is exposed to the front.

130.1. Place a red 1x1 plate on the left column of the front row.

Group 16 - Ferrari

130.2. Place a black 1x1 plate on the front right corner.

131. Place a black 1x1 plate with 2 upright side studs underneath the leftmost column so the side studs face the front.

132. Vertically place a black 1x2 tri-slope tile on the rightmost column so it is centered vertically and slopes to the left.

133.1. Place a red 2x2 double slope tile with an angled side and a sticker to the left of the ppp so the angled side faces the right, and it slopes to the front and back.

133.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 3 on the red 2x2 double slope tile with an angled side. This sticker has a black side and a red side. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

134. Place a black 2x2 curved corner plate upright on the 2 front-facing side studs so 1 column overhangs to the left and the curve faces the top right. Now vertically place a red 1x2 tile with a cutoff corner upright on the 2nd column of front-facing side studs from the left so the angled side faces the top right. Now place a red 2x2 triangle tile upright to the left of the ppp so the right angle faces the top right.

135. Rotate your part so it is vertical and the 2x2 triangle tile is in front. Now vertically place the back row of your part upright on the left-facing side studs of the previous part so the 2x2 triangle tile sits on the 1x4 tile.

Group 17 - Ferrari

136. Let's make another part! Vertically place a black 1x2 plate in front of you. Then horizontally place a black 1x3 tile on the back row so 2 columns overhang to the right.

Group 18 - Ferrari

137. Vertically place a red 1x2 plate underneath the 2nd column from the right so 1 row is exposed to the front.

138.1. Place a black 1x1 plate on the front left corner.

Group 19 - Ferrari

138.2. Place a red 1x1 plate on the front right corner.

139. Place a black 1x1 plate with 2 upright side studs underneath the rightmost column so the side studs face the front.

140. Vertically place a black 1x2 tri-slope tile on the leftmost column so it is centered vertically and slopes to the right.

141.1. Place a red 2x2 double slope tile with an angled side and a sticker to the right of the ppp so the angled side faces the left, and it slopes to the front and back.

141.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 2 on the red 2x2 double slope tile with an angled side. This sticker has a black side and a red side. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

142. Place a black 2x2 curved corner plate upright on the 2 front-facing side studs so 1 column overhangs to the right and the curve faces the top left. Now vertically place a red 1x2 tile with a cutoff

corner upright on the 2nd column of front-facing side studs from the right so the angled side faces the top left. Now place a red 2x2 triangle tile upright to the right of the ppp so the right angle faces the top left.

143. Rotate your part so it is vertical and the 2x2 triangle tile is in front. Now vertically place the back row of your part upright on the right-facing side studs of the previous part so the 2x2 triangle tile sits on the 1x4 tile.

Group 20 - Ferrari

144.1. Place a black 2x2 plate with a cutoff corner in front of you so the cutoff corner faces the front left. Then place a black 1x1 quarter circle tile on the back left corner so the curve faces the back left. Then place a black 2x2 corner tile to the right of the ppp so it overhangs 1 column to the right and looks like the braille letter d.

144.2. Horizontally place 2 black 1x2 plates, 1 in front of the other, underneath the rightmost column so 1 column is exposed to the right. Now place a black 2x2 corner tile on the rightmost column so 1 column overhangs to the right and it looks like the braille letter f.

144.3. Place the back left corner of a black 2x2 plate with a cutoff corner underneath the rightmost column so 1 column is exposed to the right and the cutoff corner faces the front right. Now place a black 1x1 quarter circle tile on the back right corner so the curve faces the back right.

144.4. Horizontally place a black 1x2 tile with a cutoff corner on the front left corner so the cutoff corner faces the front left. Then repeat symmetrically to the right. Now flip your previous part upside down so the 2x2 side studs face the front and the 2x2 triangle tiles are in the back and face down. Then horizontally attach your current part to the front-facing side studs so it is centered horizontally.

145. Place 2 black 1x1 round plates with a clip underneath on the 2 top-facing anti-studs so the clips hands face the front and back.

146. Attach the clips of your part to the vertical bar that is centered vertically on the 7th column from the left so the 2x2 triangle tiles face the front left and back left. Your part should sit to the left of the part you placed in step 121.

147.1. Let's make 4 identical parts! Attach a black wheel to a black tire. Now you should have 4 identical parts! Attach 1 wheel to the leftmost front-facing pin. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

148. Flip your part upside down so it is horizontal and the wing is on the right. Now horizontally place a black 1x8 tile on the front row so it sits in between the 2 tires. Then repeat symmetrically to the back.

149. Flip your build over so it is right side up, horizontal, and the wing is on the right. Now place the leftmost column of a transparent black 6x6 windshield on the leftmost column of studs so it is centered vertically and slopes to the left.

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