

77255 Lightning McQueen

Set adapted by Alex Charbonneau and tested by Natalie Charbonneau.

Celebrate the 20th anniversary of the beloved Disney Pixar movie Cars with this LEGO® Speed Champions | Lightning McQueen (77255) building toy. This construction set for boys and girls ages 9 and up includes many of the design details from the iconic movie character. The Disney model features Lightning McQueen's famous yellow and orange lightning bolt, number 95, Rust-Eze sponsor logo, tires imprinted with 'Lightyear' and his famous headlight stickers. The car toy is also the only Speed Champions model with a detailed undercarriage so kids can enjoy extra play value. A great gift idea for kids and car fans, LEGO Speed Champions building sets let them build replicas from an extensive range of iconic vehicles. They can create each playset with confidence using the LEGO Builder app, which lets them zoom, rotate in 3D and track progress with easy-to-follow digital instructions. Set contains 270 pieces.

LIGHTNING McQUEEN FROM DISNEY PIXAR CARS:

- Kids ages 9 and up can celebrate the 20th anniversary of the movie Cars with this LEGO® Speed Champions | Lightning McQueen (77255) car toy building set.

AUTHENTIC DESIGN:

- Model includes details from the movie version, including the lightning bolt, his headlight stickers, number 95, Rust-Eze sponsor logo and Lightyear logo imprinted on the tires.

DETAILED UNDERCARRIAGE:

- This Lightning McQueen model is the only LEGO® Speed Champions car with a detailed undercarriage for extra play value.

DISNEY PIXAR CARS DISPLAY SET:

- After kids have enjoyed a rewarding build with this collectible Lightning McQueen toy building set, they can proudly display it on a shelf, desk or bedside table.

CAR GIFT FOR KIDS:

- This Lightning McQueen model provides a fun build-and-play experience and is a great gift idea for kids, boys and girls ages 9 and up, nostalgic adults or movie fans.

EXPAND THE RACING FUN:

- Discover more LEGO® Speed Champions car building sets (sold separately) packed with authentic details.

ICONIC CARS FOR PLAY AND DISPLAY:

- LEGO® Speed Champions car building kits let kids and passionate car fans build replica versions of some famous vehicles.

DIMENSIONS:

- A 270-piece LEGO® construction set featuring a Lightning McQueen toy building set measuring over 1.5 in. (4 cm) high, 5.5 in. (14 cm) long and 3 in. (7 cm) wide.

The box is black with the LEGO logo in the upper left corner, next to the words SPEED CHAMPIONS. The upper right corner has a V shaped logo with the words Disney PIXAR Cars. The front of the box shows a red race car speeding around a race track. The car Lightning McQueen! He is in sharp focus, while the spectators in the stands are a blur. Lightning is bright red, with a yellow lightning bolt on the side, the race number 95 on the roof and side, and with Rust-Eze logos on the hood and spoiler. He has blue eyes, which are on the windshield. He is smiling, and his mouth is at the front, right under the hood!

The top of the box shows a life-sized image of one of Lightning's tires, which is printed with the word LIGHTYEAR in white around the side. There is also a picture of Lightning from the side.

The back of the box shows Lightning driving away on the racetrack. From this angle, we can see another Rust-eze logo on the back bumper, with the phrase “medicated bumper ointment” below it. There is an inset image of Lightning McQueen from the movie Cars on the top right, as well as a close-up of the LEGO model in the lower right. The close-up shows one of the wheels, as well as the exhaust pipes, which stick out from under the car right in front of the back wheels.

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 the 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).

For builders with low vision, or a sighted building partner who may want to follow along with the printed visual instructions that come with each kit, PDF versions are always online at LEGO.com: (<https://www.lego.com/en-us/service/building-instructions/77255>) 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 seven bags labeled 1-7, a sticker sheet, and an instruction booklet. Sort the pieces into groups as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split across two 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.

This build is 270 pieces, and 130 building steps.

Bag 1 (7 groups of bricks)

Group 1 contains the pieces for steps 1-9.
Group 2 contains the pieces for steps 10-18.
Group 3 contains the pieces for steps 19-25.
Group 4 contains the pieces for steps 26-30.
Group 5 contains the pieces for steps 31-40.
Group 6 contains the pieces for steps 41-43.
Group 7 contains the pieces for steps 44-47.

Bag 2 (4 groups of bricks)

Group 8 contains the pieces for steps 48-55.
Group 9 contains the pieces for steps 56-62. Place stickers #2, #3 and #4 for step 56, and sticker #6 for step 58.
Group 10 contains the pieces for steps 63-69. Place sticker #13 for step 67, sticker #14 for step 68, and sticker #15 for step 69.
Group 11 contains the pieces for steps 70-73. Place sticker #19 for step 70, sticker #18 for step 71, and sticker #17 for step 72.

Bag 3 (2 groups of bricks)

Group 12 contains the pieces for steps 74-82. Place sticker #21 for step 77, and stickers #20 and #22 for step 98.
Group 13 contains the pieces for steps 83-89. Place sticker #16 for step 88.

Bag 4 (2 groups of bricks)

Group 14 contains the pieces for steps 90-98. Place sticker #1 for step 98.
Group 15 contains the pieces for step 99. Place sticker #5 for step 99.

Bag 5 (6 groups of bricks)

Group 16 contains the pieces for steps 100-109, not including the dark gray 1x2 right wedge tile from step 108. Place stickers #9 and #10 for step 101.
Group 17 contains the dark gray 1x2 right wedge tile from step 108.
Group 18 contains the pieces for steps 110-117, not including the dark gray 1x2 left wedge tile from step 116.
Group 19 contains the dark gray 1x2 left wedge tile from step 116.
Group 20 contains the pieces for steps 118-124. Place sticker #8 for step 119, #11 for step 128 and #7 for step 129.
Group 21 contains the pieces for steps 125-130, not including the red 1x2 tile with a "Lightning" sticker on it from step 128. Place sticker #12 for step 128.

Before the instructions begin, there are two pages with pictures of Lightning McQueen. The first page is on a red background with the Disney Pixar Cars logo in the center at the top. There is a front quarter view of Lightning McQueen from the movie with a confident grin. Below him are printed the words "Focus. Speed. I am speed." These are repeated in French and Spanish.

The second page is also red and has the LEGO logo centered at the top. There is a front quarter view of the LEGO set. Below the set are printed the words "Focus. Bricks. I am bricks." These are also repeated in French and Spanish.

Building Instructions:

Bag 1.

Group 1.

1.1. Let's get started! Lightning McQueen doesn't use a pre-built frame. Instead, we'll be building our own! Place a light gray 1x2 plate with two rows of four studs sticking up from one side, vertically with the side studs on the left, in front of you.

1.2. Place a black 1x2 plate with a 2L bar on each short side, vertically with the bars pointing to the right, on the previous piece.

2. Place a black 1x2 plate, vertically, on the previous piece.

3. Place a black 1x2 plate with a 2L bar on each short side, vertically with the bars pointing to the right, on the previous piece.

4. Place a black 1x2 plate, vertically, on the previous piece.

5. Place a black 1x1 plate with two studs sticking up from one side, with the side studs at the front, on the front piece from the previous step. Repeat symmetrically on the back side.

6.1. Place a black 1x2 brick with a stud on one long side, vertically with the side stud on the right, on the previous two pieces.

6.2. Place a brown 1x2 plate with a bar on one long side, vertically with the bar on the left, on the previous piece.

7. Place a black 1x2 plate with two vertical clips on one side, upright with the clips on the right, on the front two side studs on the assembly. Repeat symmetrically on the back side.

8. Place a blue 1x1 thick plate on the front stud on top of the assembly. Place another behind the first.

9. Rotate the assembly 90 degrees counterclockwise so the two rows of four side studs are at the front. Place a brown 1x2 plate with two rows of two anti-studs on one side, horizontally with the four anti-studs at the back, on the previous two pieces.

Group 2.

10. Place a red 1x2 plate, horizontally, on the previous piece.

11. Place a brown 1x1 plate with two studs hanging down from one side, with the side studs on the left, on the left stud of the previous piece. Place another symmetrically to the right of the first.

12. Place a black 1x2 plate with two vertical clips on one side, upright with the clips at the front, on the side studs of the left piece from the previous step. Repeat symmetrically on the right side. The clips on this piece should point to the front while the first set of clips should be at the back.

13. Now we'll make another assembly. Set the first assembly aside for now. Place a red 1x2 plate, horizontally, in front of you.

14. Place a black 1x1 plate with two studs sticking up from one side, with the side studs on the left, under the left stud of the previous piece. Place another symmetrically to the right of the first.

15. Place a brown 1x2 plate with two rows of two anti-studs on one side, horizontally with the four anti-studs at the front, on the assembly.

16. Place a blue 1x1 thick plate on the left stud of the previous piece. Place another to the right of the first.

17. Place a black 1x1 plate with two studs sticking up from one side, with the side studs on the left, on the left piece from the previous step. Place another symmetrically to the right of the first.

18.1. Place a black 1x2 brick with a stud on one long side, horizontally with the side stud at the front, on the previous two pieces.

18.2. Place a black 1x2 plate with a row of four studs hanging down from one side, horizontally with the side studs at the back, on the previous piece.

Group 3.

19. Place a light gray 1x1 plate with a stud hanging down from one side, with the side stud at the front, on the top anti-stud on the left side of the assembly. The stud of this piece will be on the left. Repeat symmetrically on the right side. There should be another side stud between the side studs of these pieces and offset slightly below them.

20. Place a black 1x2 plate with two vertical clips on one side, upright with the clips at the back, below each of the previous two pieces.

21.1. Place a light gray 1x1 tile on the left side stud on the front side of the assembly near the top.

21.2. Place a dark gray 1x1 round tile with a short bar on top, with the short bar at the front, on the right side stud on the front side of the assembly.

22. Place a light gray 1x1 plate with a horizontal clip on one side, upright with the clip at the bottom, on the bottom side stud on the left side of the assembly. Repeat symmetrically on the right side.

23. Now we'll attach the two assemblies! Rotate the second assembly so the clips of the previous two pieces are on the left and so there is a column of four studs on the right. There should be four clips pointing up. Place the first assembly, horizontally with the two columns of four studs vertically on the left, on the right end of the second assembly so there are three columns of four studs at the top of the combined frame. The front and back sides should be even and there should be eight clips on top of the assembly, four on the bottom, and two on the left.

24. Place a black 1x8 tile, horizontally, on the side studs on the front of the frame so the right sides are even. Repeat symmetrically on the back side.

25. Place a white 1x2 tile, horizontally, to the left of each of the previous two pieces.

Group 4.

26.1. We'll make the mounts for the wheels now! Set the rest of the frame aside. Place a dark gray 2x6 plate with a 1x2 brick with an axle hole, horizontally, in front of you.

26.2. Push the axle side of a tan 2L axle/pin combo, with the pin on the left, into the axle hole on the left side of the previous piece. Repeat symmetrically on the right side. These pins will be where we put the wheels. They don't have friction ridges so the wheels can spin freely.

27.1. Place a light gray 1x4 plate with rounded ends, horizontally and centered horizontally, on the back row of the assembly.

27.2. Place a red 1x2 plate, horizontally and centered horizontally, in front of the previous piece.

28. Place the back stud of a black 2x2 corner plate with the corner at the front right so the studs form a braille letter J, to the left of the previous piece. The front row will overhang. Repeat symmetrically on the right side.

29. Place a light gray 1x3 tile, vertically, on the second column from the left on the assembly. Repeat symmetrically on the right side. There will be two columns between the back two studs of these pieces.

30. Now we'll attach the assembly we just made onto the frame! Place the frame in front of you so it's horizontal with two clips on the left and the three columns of four studs on the top. Rotate the wheel mount assembly so it's vertical, with the 1x2 bricks on the left two columns. Place the wheel mount assembly, centered vertically, under the left three columns on the frame. Only the two clips on the frame will extend past it.

Group 5.

31.1. Now we'll build another wheel mount assembly. Set the frame aside for now. Place a dark gray 2x6 plate with a 1x2 brick with an axle hole, horizontally, in front of you.

31.2. Push the axle side of a tan 2L axle/pin combo, with the pin on the left, into the axle hole on the left side of the previous piece. Repeat symmetrically on the right side.

32. Place a yellow 1x2 brick with rounded ends, vertically, on the second column from the left. This piece looks like two 1x2 plates with rounded ends which have a gap between them. There are two bars in this gap. Repeat symmetrically on the right side.

33. Place the right column of a black 3x3 L-shaped plate, with the corner at the front right, to the right of the left piece from the previous step so the back sides are even. The front row will overhang. Place another symmetrically to the right of the first.

34. Place a red 2x2 tile, centered horizontally, on the back two rows of the assembly.

35.1. Place the back row of a brown 2x2 plate with two studs on one side, with the side studs at the front, centered horizontally under the front row of the assembly.

35.2. Place a dark gray 1x2 half circle tile, with the curved side on the bottom, on the two side studs on the front side of the previous piece.

36. Now we'll attach this assembly to the frame. Place the frame, horizontally with the first wheel mount on the left, in front of you. Rotate the second wheel mount assembly so it's vertical with the 1x2 half circle tile on the left. Place its leftmost column under the rightmost column of the frame. The 2x2 tile on the wheel mount should be to the right and below two side studs.

37.1. Let's build another small assembly. Place a red 1x2 plate, horizontally, in front of you.

37.2. Place a pink 1x2 brick, horizontally, on the previous piece.

37.3. Place a blue 1x2 wall panel, horizontally with the wall at the back, on the previous piece.

37.4. Rotate the assembly we just made so it's horizontal and laying flat with the anti-studs on the left and the wall of the previous piece on top. Place it on the two side studs that are to the left of the second wheel mount. The wall panel should overhang the right side of the frame and the small assembly should rest on a 2x2 tile.

38. Next, we'll build Lightning's smile! Set the rest of the car aside for now. Place a red 1x6 plate with a mudguard on one side, horizontally with the mudguard at the front, in front of you. The mudguard itself will be Lightning's lower lip!

39. Place the front stud of a red 1x2 plate, vertically, on the leftmost stud of the previous piece. Repeat symmetrically on the right side.

40.1. Place a red 1x1 tile on the front stud of each of the previous two pieces.

40.2. Place a red 1x4 double curved slope tile, horizontally, between the previous two pieces.

Group 6.

41. Rotate the smile assembly 180 degrees so it's horizontal with the mudguard at the back. Place the left stud of a black 1x2 plate, horizontally, under the front left stud of the smile. Repeat symmetrically on the right side.

42. Place a light gray 1x1 plate with a horizontal clip on one side, vertically with the clip at the front, on the right stud of the left piece from the previous step. Repeat symmetrically on the right side.

43.1. Place a red 1x6 plate, horizontally, on the front row of the smile.

43.2. Place a dark gray 1x6 tile, horizontally, on the previous piece.

Group 7.

44.1.1. Now, we'll add the teeth! Place a white 2x2 plate in front of you.

44.1.2. Place a white 1x4 double curved slope, horizontally and centered horizontally, on the back row of the previous piece.

44.2. Place a red 1x2 plate, horizontally and centered horizontally, in front of the previous piece.

44.3. Rotate the main smile assembly so it's horizontal and upside down with the mudguard at the front. Rotate the teeth assembly so it's horizontal and upside down with the doubled curved slope at the front. Place the back row of the teeth, centered horizontally, on the back row of the rest of the smile. The teeth should fit inside the mudguard.

45.1. Place a light gray 1x4 plate with rounded ends, upside down and horizontally, centered horizontally on the back row of the smile.

45.2. Place a red 1x1 brick with a stud on one side and one rounded end, upside down with the rounded end on the right, on the front left corner of the assembly. The side stud will be on the left. Repeat symmetrically on the right side.

46. Now we'll attach the smile to the rest of the car. Place the rest of the car in front of you so it's horizontal with two clips on the left and the three columns of four studs on the top. Rotate the smile 90 degrees counterclockwise so the two clips are on the left side. Find the two 1x2 brick with rounded ends on the right two columns of the car. These have one row in front of them and they look like two 1x2 plates with rounded ends that have a bar between the plates. Clip the clips on the smile onto the bars between the two plates. The front and back of the smile will be even with the front and back of the car.

47. Place the top stud of a red 1x2 quarter cylinder, upright with the anti-stud at the back and the curved side on the right, onto the rightmost side stud on the front side of the car. Repeat symmetrically on the back side.

Bag 2.

Group 8.

48. Now we'll build Lightning's rear bumper! Set the rest of the car aside for now. Place a black 2x6 plate with rounded corners, horizontally with the row of six studs at the front, in front of you.

49. Place the back row of a light gray 2x2 inverted tile under the front row of the previous piece so there is one free stud to the left of it. The front row will extend past the previous piece. Place another to the right of the first.

50. Place a white 1x1 tile with a clip on top, with the fingers of the clip at the front and back, on the second stud from the left on the front row of the bumper. This will be on the left piece from the previous step. Place another to the right of the first.

51. Clip the bar of a brown 1x2 plate with a bar on one long side, horizontally with the bar at the front, on the left piece from the previous step. This piece should be as far left as it can go. Repeat symmetrically on the right side.

52.1. Place a white 1x2 tile, horizontally and centered horizontally, on the previous two pieces.

52.2. Place a black 1x1 brick with a stud on one side and one rounded end, with the rounded end at the front, on each of the four studs on the back row of the bumper.

53.1. Place the back stud of a red 1x2 plate with two studs sticking up from one long side, vertically with the side studs on the left, to the left of the leftmost piece from the previous step. The back side will be even with the back of the bumper. Repeat symmetrically on the right side.

53.2. Place the left column of a white 2x2 corner tile, with the corner at the front left, on the left piece from the previous step. Repeat symmetrically on the right side.

54. Place a dark tan 1x1 round plate on the front side stud on the left side of the bumper. Repeat symmetrically on the right side.

55. Place the top row of a red 2x2 left wedge curved slope, with the point on the bottom and the longest side at the front, on the left two side studs on the bumper. Repeat symmetrically on the right side with a right wedge curved slope tile.

Group 9.

56.1. Now we'll make the end of the bumper. Set the rest of the bumper aside for now. Place a red 1x6 plate, horizontally, in front of you.

56.2. Place the left stud of a red 1x2 left wedge curved slope, horizontally with the point on the left and the longest side at the back, on the leftmost stud of the previous piece. Repeat symmetrically on the right side with a 1x2 right wedge curved slope. These pieces have a sticker with a yellow stripe on them.

56.3. Place a red 1x4 tile, horizontally, between the previous two pieces. This piece has a sticker with a yellow stripe that says "Medicated Bumper Ointment" on it. It is directional, so you may want to use an app or ask a friend to get the orientation right.

56.4. Place the rest of the bumper, horizontally with the row of four side studs at the front, in front of you. Rotate the end of the bumper so it's horizontal with the anti-studs at the back and the longest side on top. Place it, centered horizontally, on the side studs on the front side of the bumper.

57. Place a red 1x4 wall panel, horizontally with the wall at the front, on the row of four studs on top of the bumper. This piece has a sticker that says "Rust-eze" in yellow letters.

58. This step is skipped as it just places the sticker.

59. Now we'll add the bumper to the car! Place the car, horizontally with the teeth on the right, in front of you. Rotate the rear bumper so it's vertical with the two bars on the right. Find the two clips on the left side of the car, and clip the two bars on the bumper into these clips.

60.1.1. Now we'll build a side assembly. Set the car aside for now. Place a black 1x8 plate, horizontally, in front of you.

60.1.2. Place a blue 1x3 plate, horizontally, on the right three studs of the previous piece.

60.2.1. Place a red 1x2 plate with two rows of two studs sticking up from one side, horizontally with the side studs at the back, to the left of the previous piece. Place another to the left of the first.

60.2.2. Place a dark tan 1x1 round plate to the left of the left piece from the previous step.

60.3.1. Place a transparent blue 1x1 gem to the right of the previous piece.

60.3.2. Place a white 1x2 tile, horizontally, to the right of the previous piece.

60.4. Place the car, horizontally with the smile on the right, in front of you. Find the two 1x2 bricks with pins on the front side of the car. Rotate the side assembly 180 degrees so it's horizontal with the side studs at the front, and place it on the front row between these two bricks. Only the left and right studs will attach.

61.1.1. Now we'll build the other side assembly. Set the car aside for now. Place a black 1x8 plate, horizontally, in front of you.

61.1.2. Place a blue 1x3 plate, horizontally, on the left three studs of the previous piece.

61.2.1. Place a red 1x2 plate with two rows of two studs sticking up from one side, horizontally with the side studs at the back, to the right of the previous piece. Place another to the right of the first.

61.2.2. Place a dark tan 1x1 round plate to the right of the right piece from the previous step.

61.3.1. Place a transparent blue 1x1 gem to the left of the previous piece.

61.3.2. Place a white 1x2 tile, horizontally, to the left of the previous piece.

61.4. Place the car, horizontally with the smile on the right, in front of you. Find the two 1x2 bricks with pins on the back side of the car. Place the second side assembly 180 degrees, horizontally with the side studs at the back, on the back row between these two bricks. Only the left and right studs will attach.

62.1. Now we'll attach the first wheel well. Place the back row of a red 2x4 plate with a mudguard on one side, horizontally with the mudguard at the front, on the front row of the car and to the right of the rear bumper. The leftmost pin on the front side of the car should be centered horizontally in the mudguard. This piece is printed with a pattern of yellow dots and stripes.

62.2. Place a red 1x1 plate on the front right stud of the previous piece.

Group 10.

63.1. We'll place the second wheel well now. This will be symmetrical to the first on and on the back side. Place the front row of a red 2x4 plate with a mudguard on one side, horizontally with the mudguard at the back, on the back row of the car and to the right of the rear bumper. The leftmost pin on the back side of the car should be centered horizontally in the mudguard. This piece is printed with a mirror image of the first.

63.2. Place a red 1x1 plate on the back right stud of the previous piece.

64.1. Place a dark gray 1x3 plate, horizontally, to the right of the back row of the front left wheel well. This will be in front of the three columns of four studs on top of the car. Repeat symmetrically on the back side.

64.2. Place a black 1x2 plate, horizontally, on the left two studs of each of the previous two pieces.

65. Place a dark gray 1x6 tile, vertically and centered vertically, on the fifth column from the left on the car. This will attach to the left studs of the previous two pieces.

66. Place a brown 1x1 plate with two studs hanging down from one side, with the side studs at the front, to the right of the front stud of the previous piece. Repeat symmetrically on the back side.

67.1. Place the right column of a red 2x2 plate on the side studs of the front piece from the previous step.

67.2. Place a red 2x2 tile with a #95 sticker on it on the previous piece. The sticker is directional, so you may want to use an app or ask a friend to get the orientation right.

68. Place the top row of a red 2x4 curved slope tile with a lightning bolt sticker on it, horizontally with the taller side on top, on the bottom row of side studs that's to the right of the previous piece.

69.1. Place a red 1x4 plate, horizontally, on the side studs above the previous piece.

69.2. Place a red 1x4 tile with a sticker, horizontally, on the previous piece. This sticker continues the lightning bolt and is directional, so you may want to use an app or ask a friend to get the orientation right.

Group 11.

70.1. Now we'll repeat the decorations on the other side of the car. Rotate the car 180 degrees so the smile is on the left. Find the rightmost column of two side studs that's on the front side of the car. Place the left column of a red 2x2 plate on these side studs.

70.2. Place a red 2x2 tile with a #95 sticker on it on the previous piece. The sticker is directional, so you may want to use an app or ask a friend to get the orientation right.

71. Place the top row of a red 2x4 curved slope tile with a lightning bolt sticker on it, horizontally with the taller side on top, on the bottom row of side studs that's to the left of the previous piece.

72.1. Place a red 1x4 plate, horizontally, on the side studs above the previous piece.

72.2. Place a red 1x4 tile with a sticker, horizontally, on the previous piece. This sticker continues the lightning bolt and is directional, so you may want to use an app or ask a friend to get the orientation right.

73. Place a red 2x4 plate with a mudguard on one side, horizontally with the mudguard at the front, to the left of the previous piece. There should be a pin centered horizontally inside the wheel well. Repeat symmetrically on the back side.

Bag 3.

Group 12.

74.1. Place the car, horizontally with the smile on the left, in front of you. Find the 1x6 tile that's on the top side of the car, to the left of two pairs of clips. There are two columns of studs to the left of this piece. Place a black 2x3 plate with a rounded end, horizontally with the rounded end on the left, centered vertically to the left of the 1x6 tile. There should be a bar to the left of this piece.

74.2. Place the right column of a pink 2x2 round plate on the left column of the previous piece so the left sides of the two pieces are even.

74.3. Place a light pink 1x2 plate with rounded ends, horizontally, on the front row of the previous piece. Place another behind the first.

75.1. Place a black 1x2 plate, horizontally, in front of the 2x3 plate with a rounded end so the right sides are even. This will be to the left of the 1x6 tile. Repeat symmetrically on the back side.

75.2. Place a dark tan 1x1 round plate on the left studs of each of the previous two pieces.

76.1. Next, we'll make Lightning's windshield, which doubles as his eyes! Set the car aside for now. Place a red 3x6x2 windscreen, horizontally with the slope at the front, in front of you. This piece has some of the side windows printed on the small sides, and a sticker with Lightning's eyes on the large, sloped side.

76.2. Place a red 1x1 tile on each of the two studs on the previous piece.

76.3. Rotate the windshield assembly so it's vertical with the anti-studs on the right and the slope on top. Place the side stud of a brown 1x1 brick with a stud on one side, with the side stud on the left, on the bottom anti-stud on the front end of the windshield. Repeat symmetrically on the back side.

76.4. Now we'll add the windshield to the car! Place the car, horizontally with the smile on the left, in front of you. Find the two 1x1 round plates that are on top of the car and to the left of the 1x6 tile. Place the 1x1 bricks with side studs on the right side of the windshield assembly in front of and behind these two plates. The left side of the windshield should be above the two upright clips.

77. This step is skipped as it just places the sticker for Lightning's eyes.

78. Find the two pairs of clips that are to the left of the windshield. Clip the bar of a red 1x2 plate with a bar on one short side, vertically with the bar at the back, on the left clip in the front pair of clips. The plate will attach to the front two studs on the fourth column from the left of the car. Repeat symmetrically on the back side.

79.1. Place the front stud of a blue 1x1 tile with a 1x1 slope tile on one side, vertically with the slope at the back, to the left of the back stud of the front piece from the previous step. Repeat symmetrically on the back side.

79.2. Place a black 1x2 plate, horizontally, to the left of the tile portion of each of the previous two pieces.

80. Place a red 2x3 plate, horizontally, on the front two rows of the car, to the left of the windshield. The back left corner of this stud will attach to the right stud of the front piece from the previous step. Repeat symmetrically on the back side.

81. Place the right column of a red 2x3 left wedged curved slope, horizontally with the point on the left and the longest side at the back, on the left column of the front piece from the previous step. Repeat symmetrically on the back side with a red 2x3 right wedged curved slope. These two pieces have stickers with Lightning's headlights and small lightning bolts printed on them. The back sticker also has a small #95.

82.1. Place a red 1x2 plate, vertically, to the right of each of the previous two pieces.

82.2. Place a red 1x2 right wedge tile, horizontally with the point at the right and the longest side at the back, to the right of the front stud of each of the previous two pieces. Place a red 1x2 left wedge tile, symmetrically, behind each of the previous two pieces. You'll place a total of four pieces in this step.

Group 13.

83. Now we'll build Lightning's hood. Set the rest of the car aside for now. Place a light gray 2x4 plate, horizontally, in front of you.

84. Place the front row of a red 2x2 curved slope tile, with the tall side at the front, on the back row of the previous piece so the left sides are even. Place another to the right of the first.

85. Place a red 4x4 tile with a "Rust-eze" sticker in front of the previous two pieces. This sticker is directional, so you may want to use an app or ask a friend to get the orientation right.

86. Keeping it vertical with the curved slope tiles at the back, flip the hood upside down. Place a red 2x3 plate, upside down and vertically, centered vertically on the hood so the front sides are even.

87.1. Place a black 1x2 plate with two vertical clips on one long side, upside down and horizontally with the clips at the front, on the front row of the previous piece.

87.2. Place a red 1x4 plate with rounded ends, upside down and horizontally, on the back row of the hood.

88. This step is skipped as it just places the sticker for the hood.

89. Let's attach the hood now! Place the car, horizontally with the smile on the left, in front of you. Rotate the hood so it's right side up and horizontal, with the two clips on the right side. There is a bar underneath the leftmost column of Lightning's windshield. Clip the hood onto this bar. You can slide the hood, from the left, into the gap between the front and back sides of the car that are to the left of the windshield and then push it right until it clicks into place.

Bag 4.

Group 14.

90. Place the car, horizontally with the hood on the right, in front of you. Find the two pairs of clips that stick up between the left two wheel wells. Clip the bar of a brown 1x2 plate with a bar on one long side, horizontally with the bar at the back, onto the front pair of clips. The studs will attach to the second row of studs from the front. Repeat symmetrically on the back side.

91. Place a dark tan 1x1 round plate to the left of each of the previous two pieces.

92. Find the 1x6 tile that's to the right of the two 1x2 plates with bars from step 90. Place a red 1x6 plate, vertically and centered vertically, to the right of this tile.

93.1.1. Now we'll make a couple of small assemblies, one at a time. Place a black 1x2 brick with a stud on one long side, vertically with the stud on the left, in front of you.

93.1.2. Place a dark tan 1x1 round plate on the side stud of the previous piece.

93.2. Push the bar of a brown 1L bar with a clip on one side, with the bar on the right and the fingers of the clip on the top and bottom, into the hollow stud of the previous piece. Push it in as far as you can.

93.3. Repeat steps 93.1.1-93.2.

93.4. Place one of the assemblies we just made, vertically with the clip on the left, on the second and third studs from the front on the 1x6 plate from step 92. Place the other assembly behind the first.

94.1. Place the front left stud of a red 2x2 corner plate, with the corner at the front right so the studs form a braille letter J, in front of the front assembly from the previous step. This will be on the front stud of the 1x6 plate. Repeat symmetrically on the back side.

94.2. Place a dark gray 2x2 corner brick, with the corner at the front right so the studs form a braille letter J, on the front piece from the previous step. Repeat symmetrically on the back side. These dark gray pieces will be Lightning's side windows.

95.1. Now we'll make a couple more small assemblies. Place a red 1x1 plate with two studs sticking up from one side, with the side studs at the front, in front of you.

95.2. Place a dark gray 1x1 brick with an axle hole on one side, with the axle hole facing left and right, on the previous piece.

95.3. Place a dark gray 1x2 slope tile, upright with the tall side on the left, on the side studs on the front side of the assembly.

95.4. Rotate this assembly so the previous piece is upright on the right and so the axle hole faces front and back. Place it on the fourth stud from the left on the second row from the front. The right side of this assembly should be to the left of the front 2x2 corner brick from step 94.2.

95.5. Now we'll make a mirrored assembly for the other side. Place a red 1x1 plate with two studs sticking up from one side, with the side studs at the front, in front of you.

95.6. Place a dark gray 1x1 brick with an axle hole on one side, with the axle hole facing left and right, on the previous piece.

95.7. Place a dark gray 1x2 slope tile, upright with the tall side on the right, on the side studs on the front side of the assembly.

95.8. Rotate this assembly so the previous piece is upright on the right and so the axle hole faces front and back. Place it on the fourth stud from the left on the second row from the back of the car. The right side of this assembly should be to the left of the back 2x2 corner brick from step 94.2.

96.1. Place a red 1x1 brick to the left of each of the two assemblies we just placed on the car. There should be a 1x1 round plate to the left of each of these two pieces.

96.2. Find the two clips that are facing left between the two 1x1 bricks with axle holes. These are two columns to the left of the windshield. Clip a light gray 3L bar, vertically and centered vertically, into these clips.

97. Place a red 1x4 right doubled curved slope, horizontally with the flat sides at the left and back, on the front row of the car so there are two free studs to the left of it. The left end of this piece should be centered horizontally on the left wheel well. Repeat symmetrically on the back side with a red 1x4 left double curved slope. These pieces have a lightning bolt printed on them.

98.1. Now we'll add a curved piece with a taillight! Place a red 2x3 plate, horizontally, in front of you.

98.2. Place a red 2x4 half cylinder with a sticker, horizontally with the sticker on the left, on the previous piece so the left sides are even. The sticker has a taillight, and the piece itself is printed with a Rust-eze logo and a silver circle representing Lightning's gas cap.

98.3. Place the right two columns of the assembly we just built, horizontally with the 2x3 plate on the left, on the right two free columns of the car so the back sides are even. The left side should be even with the 1x4 wall panel that's part of the bumper.

Group 15.

99.1. Now we'll add the other taillight! Place a red 2x3 plate, horizontally, in front of you.

99.2. Place a red 2x4 half cylinder with a sticker, horizontally with the sticker on the left, on the previous piece so the left sides are even. The sticker has a taillight and a small #95, and the piece itself is printed with a Rust-eze logo.

99.3. Place the right two columns of the assembly we just built, horizontally with the 2x3 plate on the left, on the right two free columns of the car so the front sides are even.

Bag 5.

Group 16.

100. Place the car, horizontally with the smile on the right, in front of you. Place a light gray 2x4 plate, vertically and centered vertically, to the left of the column that's to the left of the windshield. This piece will go to the left of the right column of two 2x2 corner bricks.

101. Place the rightmost stud of a red 1x4 left wedged curved slope, horizontally with the point on the left and the longest side at the back, in front of the left column of the previous piece. Repeat symmetrically on the back side with a 1x4 right wedged curved slope. These pieces have stickers that spell Lightning McQueen.

102.1. Now we'll build part of Lightning's rear window. The rear window is made in two parts. Set the car aside for now. Place a red 1x1 plate with a horizontal clip on one side, horizontally with the clip on the left, in front of you.

102.2. Place the left stud of a red 1x2 tile, horizontally, on the previous piece so the right stud overhangs.

103. Place the left stud of a dark gray 1x3 plate, horizontally, under the right overhanging stud of the previous piece.

104. Find a red 1x2 plate with two rows of anti-studs on one side. Rotate this piece so the anti-studs are at the bottom and so the studs are horizontal and at the front. Place the front row of anti-studs on the right two studs of the previous piece.

105. Place the right two studs of a red 1x4 plate, horizontally, on the studs of the previous piece.

106. Place a white 1x2 plate with a horizontal clip on one short side, horizontally with the clip on the right, under the back row of anti-stud on the assembly. The clip will extend to the right.

107. Place a red 1x2 inverted curved slope tile, horizontally with the studs at the front and the higher stud on the left, centered horizontally on the anti-studs that are sideways on the assembly.

Group 17 contains the dark gray 1x2 right wedge tile from the next step.

108.1. Place a dark gray 1x1 tile on the rightmost stud on the sideways 1x4 plate.

108.2. Place the dark gray 1x2 right wedge tile from group 17, horizontally with the point on the left and the longest side at the bottom, to the left of the previous piece.

108.3. Place a red 1x2 right wedge tile, horizontally with the point on the right and the longest side at the top, to the left of the previous piece.

109. Now we'll attach this assembly to the car. Place the car, horizontally with the smile on the right, in front of you. Find the three columns of studs that are to the left of the windshield, then find the bar that is below the leftmost of these columns. Rotate the window assembly so it's horizontal with the anti-studs at the front and the tiles on top. There will be one clip on the right and one clip on the left. Clip the right clip onto the bar we just found, and push the assembly back until it touches a 1x4 wedged curved slope.

Group 18.

110.1. Now we'll build the other part of the rear window. Set the car aside for now. Place a red 2x2 plate in front of you.

110.2. Place a white 1x2 plate with a horizontal clip on one short side, horizontally with the clip on the left, on the back row of the previous piece.

111. Place a dark gray 1x3 plate, horizontally, in front of the previous piece so the right stud overhangs the 2x2 plate.

112.1. Place the left stud of a red 1x2 plate, horizontally, under the right overhanging stud of the previous piece.

112.2. Place a red 1x1 plate with a horizontal clip on one side, horizontally with the clip on the right, on the right stud of the previous piece.

113.1. Place the right stud of a red 1x2 tile, horizontally, on the previous piece.

113.2. Find a red 1x2 plate with two rows of anti-studs on one side. Rotate this piece so the anti-studs are at the bottom and so the studs are horizontal and at the front. Place the front row of anti-stud to the left of the previous piece.

114. Place the left two studs of a red 1x4 plate, horizontally, on the studs of the previous piece.

115. Place a red 1x2 inverted curved slope tile, horizontally with the studs at the front and the higher stud on the right, centered horizontally on the anti-studs of the previous piece. The left stud will attach to the 1x2 plate with two rows of anti-studs from step 113.2.

Group 19 contains the dark gray 1x2 left wedge tile from the next step.

116.1. Place a dark gray 1x1 tile on the leftmost stud on the sideways 1x4 plate.

116.2. Place the dark gray 1x2 left wedge tile from group 19, horizontally with the point on the right and the longest side at the bottom, to the right of the previous piece.

116.3. Place a red 1x2 left wedge tile, horizontally with the point on the left and the longest side at the top, to the right of the previous piece.

117. Now we'll add this assembly to the car. Place the car, horizontally with the smile on the right, in front of you. Find the bar that we used to attach the first rear window assembly. Rotate the second rear window assembly so it's horizontal with the anti-studs at the back and the tiles on top. There will be one clip on the right and one clip on the left. Clip the right clip onto the bar we just found.

Group 20.

118. Next, we'll make the car's spoiler! Set Lightning aside for now. Place a red 1x6 plate, horizontally, in front of you.

119. Place the back row of red 2x4 tile with a Rust-eze logo, horizontally and centered horizontally on the previous piece so the front row overhangs. This sticker is directional, so you may want to use an app or ask a friend to get the orientation right.

120. Place a red 1x2 plate with a bar on one long side, horizontally with the bar at the front, centered horizontally under the front row of the previous piece.

121. Place a red 1x1 plate under the front left corner of the 2x4 tile. Repeat symmetrically on the right side.

122. Place the back stud of a red 1x2 right wedge tile, vertically with the point at the front and the longest side on the right, on the leftmost stud of the spoiler. Repeat symmetrically on the right side with a red 1x2 left wedge tile.

123. Now we'll attach the spoiler. Place the car, horizontally with the smile on the right, in front of you. Find the two clips on the left end of the rear window. Rotate the spoiler so it's vertical with the bar on the right. Clip the bar into the two clips we found.

124. Next, we'll angle the window down, and at the same time give the spoiler the correct angle. Push down on the leftmost part of the rear window. Push it all the way down. The 1x4 wall panel that's on the rear bumper will push the spoiler so it sticks almost straight up. Kachow!

Group 21.

125.1. Now we'll make some exhaust pipes. Push the short bar on a silver candle into the bar hole of a silver bar holder with a clip on one end. A LEGO candle is a cylinder with a short bar on one side and a hole on the other.

125.2. Repeat the previous step three times.

125.3. Keeping the car horizontal with the spoiler on the left, flip it upside down. The bottom of the car has two pairs of clips facing up, and two pairs of bars pointing up. There is also another short bar by itself. Clip one of the exhaust pipes, vertically with the clip at the front, onto the left bar in the back pair of bars. Once it's clipped in, rotate it counterclockwise until it touches the wheel well.

125.4. Clip another exhaust to the right of the first, angling it so it's parallel to the first.

125.5. Repeat the previous two steps symmetrically on the front side of the car.

126. Clip a light gray 3L bar into each of the two pairs of clips that are to the right of the exhaust pipes. This connects the pipes we just placed to the engine.

127.1. Now we'll add the transmission! Place a brown 1x1 brick with a stud on one side, with the side stud on the left, in front of you.

127.2. Push the short bar of a silver candle, horizontally with the bar on the right, into the hollow stud of the previous piece. Push the bar of another candle into the hole of the first.

127.3.1. Push the bar of a dark gray 1x1 round tile with a short bar on top, with the bar on the right, into the hole on the left side of the left piece from the previous step.

127.3.2. Place a light gray 1x1 short cone on the previous piece.

127.4. Find the two 3L bars we placed to the right of the exhaust. There is a single stud between these. Place the brick on the transmission assembly on this stud.

Group 21 contains a red 1x2 tile with a “Lightning” sticker on it.

128.1. Now we’ll finish the roof of the car! Rotate the car so it’s upright and horizontal with the spoiler on the right. Place a red 1x2 tile with a “Lightning” sticker from group 21, horizontally, on the front row to the right of the windshield. The sticker is directional, so you may want to use an app or ask a friend to get the orientation right. This sticker completes Lightning McQueen’s name that’s printed on the front side of the roof.

128.2. Place a red 1x2 tile with a “McQueen” sticker symmetrically on the back side of the car. The sticker is directional, so you may want to use an app or ask a friend to get the orientation right. This sticker completes Lightning McQueen’s name that’s printed on the back side of the roof.

129. Place a red 4x4 tile with a #95 sticker between the previous two pieces so the left sides are even. The sticker is directional, so you may want to use an app or ask a friend to get the orientation right.

130.1. Finally, we’ll add Lightning’s wheels! The wheels have a red rim and a black rubber tire that’s printed with “LIGHTYEAR” in white. One side is recessed with a hole. This hole is large enough to accept the large side of a 1x1 round plate. Place a red 1x1 round plate in the recessed side of the wheel.

130.2. Repeat the previous step three times.

130.3. Place one wheel, with the 1x1 round plate facing out, on the pin in each of the four wheel wells. This completes the Speed Champions Lightning McQueen.

Thank you so much for building this set!

There is one page of ads before the instructions begin. There are five ads, all for LEGO Speed Champions sets. The first is for set number 77256, the Time Machine from Back to the Future. The second is for set number 77254, Ferrari SF90 XX Stradale Sports Car. The third is for set number 77252, APXGP Team Race Car from F1® The Movie. The fourth is for set number 77255, Lightning McQueen. The fifth is for set 77253, Bugatti Vision GT Hyper Sports Car.

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