77258 F1 ACADEMY LEGO Race Car

Adapted by Betsy Dempsey and tested by Natalie Charbonneau.

In 2026, the LEGO® Group joins the F1 ACADEMY™ grid for the first time with their own F1 ACADEMY car, and girls and boys ages 10 and up can build their own display model. This LEGO Speed Champions F1 ACADEMY LEGO Race Car (77258) is ideal for play and display and includes many of the same details from the model used in F1 ACADEMY – the all-female racing series.

This F1 ACADEMY car features a cockpit, rear wing and tires imprinted with “Pirelli.” The race car toy also includes 1 female F1 ACADEMY driver minifigure, who comes with a helmet, wig and wrench, for kids to place inside the cockpit for high-speed racing action.

F1 ACADEMY™ CAR TOY – In 2026, the LEGO Group joins the F1 ACADEMY grid for the first time with their own F1 ACADEMY car, and girls and boys ages 10 and up can build their own display model.

F1 ACADEMY™ MINIFIGURE – LEGO Speed Champions F1 ACADEMY™ LEGO® Race Car (77258) building set includes 1 female F1 ACADEMY minifigure with a helmet, wig and wrench, to place inside the cockpit.

AUTHENTIC DETAILS – This car toy is an authentic display model of the F1 ACADEMY LEGO Race Car and features a cockpit, rear wing, halo and tires imprinted with “Pirelli”.

TEEN ROOM DECOR – After completing and enjoying this rewarding build, kids can proudly display the model vehicle in their room on a shelf, desk or bedside table.

DIMENSIONS – 201-piece race car model kit featuring an F1 toy measuring over 1.5 in. (4 cm) high, 7 in. (18 cm) long and 2.5 in. (7 cm) wide.

The front of the box shows a yellow, black, magenta, and azure F1 race car driving down the highway.

The back of the box shows the left side of the car with the female driver standing beside it. It also has pictures of the front end of the car, the driver’s white helmet with azure, yellow, and black shapes, the game controller with the car controls, and a top view of the car.

The top of the box shows the left side of the car and a real-size image of a wheel.

The beginning of the instruction book has advertisements for the following 5 LEGO Speed Champions and Disney kits:

77256 Time Machine from Back to the Future

77254 Ferrari SF90 XX Stradale Sports Car

77252 APXGP Team Race Car from F1® The Movie

77253 Bugatti Vision GT Hyper Sports Car

77255 Lightning McQueen™

Welcome to Text-Based Building Instructions from Bricks for the Blind. Here is some helpful information on how to best use screen readers and browsers: bricksfortheblind.org/help-with-screen-readers. Before you start building, here are some terms we will be using:

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

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

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

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

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

Lift-arms - A lift-arm is a basic structural element, like 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 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, and 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 who may want to follow along with the printed visual instructions that come with each set, PDF versions are always online at LEGO.com: (https://www.lego.com/en-us/service/building-instructions/77258) 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 sighted friend or family member do this in advance following the instructions below. You will see that the pieces should be sorted into groups according to the building steps in the set. Doing this in advance makes locating the pieces 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 collected into 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 4 bags labeled 1 to 4, 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.

This build is 201 pieces and has 81 building steps.

Bag 1 (3 groups of bricks)
Driver: tall legs, torso, head, hair, helmet, and wrench.
Group 1 contains the pieces for steps 1-3 of the driver.
Race Car
Group 2 contains the pieces for steps 1-11.
Group 3 contains the pieces for steps 12-21.

Bag 2 (2 groups of bricks)
Front Wing
Group 4 contains the pieces for steps 22-32.
Group 5 contains the pieces for steps 33-41.

Bag 3 (2 groups of bricks)
Race Car
Group 6 contains the pieces for steps 42-51.
Group 7 contains the pieces for steps 52-61.

Bag 4 (2 groups of bricks)
Race Car
Group 8 contains the pieces for steps 62-69.
Group 9 contains the pieces for steps 70-81.
This set has 1 sticker sheet and a total of 12 stickers that a sighted person will need to help you with.

Let’s get to building!

Building Instructions (Bag 1, Book 1):

Group 1: Driver.

Step 1

Sub-build 1.1. Locate 1 black pair of legs, 1 black torso with magenta and azure decorations, 1 yellow head printed with eyes, eyelashes, and a smile, 1 white F1 helmet with “32” and magenta, azure, yellow, and black shapes, 1 brown long hair, and 1 silver wrench. Attach the legs to the torso.

Sub-build 1.2. Attach the head to the torso. Place the helmet onto the head.

Sub-build 1.3. Attach the wrench to one of the driver’s hands. You can switch the helmet out with the driver’s hair if you like! Place the driver to the side while we assemble the race car.

Group 2: Race Car.

Step 1

Place a black 10x4x2.3 car base with a 4x2 center well horizontally in front of you. Then place a yellow 2x2 tile with studs in the well of the car all the way to the right, with the studs on the left.

Step 2.1

Let’s build a part! Place a blue 1x2 bracket standing upright with 2x2 upright side studs onto the left edge of a yellow 2x2 tile with studs, so that the 2x2 studs on the side of the blue bracket face to the right.

2.2. Locate a yellow 2x3 plate with a rounded end and a pin hole. Place this piece standing upright onto the right-facing side studs of the ppp, with the rounded end at the top.

2.3. Locate a yellow 1x2 tile with groove and attach it horizontally to the bottom studs of the yellow plate with the rounded end and pin hole. Next, locate a yellow 2x2 half oval and place it on top of the ppp, with the rounded end aligned with the rounded end of the previously placed rounded plate. Insert this part into the well of the car to the left of the previously placed 2x2 tile with studs, with the bracket on the left side and the rounded ends on the right side.

Step 3

Locate a black 2x3 plate and place it lying flat underneath the leftmost portion of the car base so that it is attached horizontally and 1 column of studs remains exposed.

Step 4

Locate a green 2x4 plate and place it horizontally lying flat centered on the left side of the car base on the 2nd through 5th columns from the right. There will be 1 column of studs that remains exposed on the ppp.

Step 5

Locate 2 medium azure 2x3 brackets with a plate and a step with bottom stud holder. Now vertically place 1 on the 2nd column from the front of the car and on the 2nd and 3rd column from the left, on top of the ppp, so that the step with the bottom stud holder is facing towards you. Repeat symmetrically to the back of the car with the 2nd bracket.

Step 6.1

Set the base aside for now. Locate a medium light gray half bushing with an axle hole running through the middle and place it onto the longer end of a white 3L axle pin, and then slide it along the axle until it stops.

6.2. While holding the smooth part of the axle in your left hand, slide the front axle hole of a black 2L thin liftarm onto the axle, until it hits the previously placed bushing. Repeat with another black 2L thin liftarm.

6.3. Insert the X-shaped cross-section of a 1L blue axle from right to left into the back holes of the previously placed black liftarms, leaving the hollow stud exposed.

6.4. Attach a dark stone gray 1x2 brick with 2 holes to the axle and pin connector until it is flush with the previously placed liftarms.

6.5. Holding the protruding white axle in your left hand, insert the stud of a black 1x1 plate with a vertical clip underneath the ppp stone gray brick with the clip facing front and the stud inserted towards you on the front of the stone gray brick. Holding the car base horizontally with the previously placed azure brackets to the left, attach the newly constructed part onto the first row from the left onto the stud facing the back of the car, with the axle pointing towards the back of the car and the clip sticking out to the left.

Step 7.1

Now we will begin another sub-assembly. Locate a medium light gray half bushing with an axle hole running through the middle and place it onto the longer end of a white 3L axle pin, and then slide it along the axle until it stops.

7.2. While holding the smooth part of the axle in your right hand, slide the front axle hole of a black 2L thin liftarm onto the axle, until it hits the previously placed bushing. Repeat with another black 2L thin liftarm.

7.3. Insert the X-shaped cross-section of a 1L blue axle from left to right into the back holes of the previously placed black liftarms, leaving the hollow stud exposed.

7.4. Attach a dark stone gray 1x2 brick with 2 holes to the axle and pin connector until it is flush with the previously placed beams liftarms.

7.5. Holding the protruding white axle in your right hand, insert the stud of a black 1x1 plate with a vertical clip underneath the ppp stone gray brick with the clip facing front and the stud inserted towards you on the front of the stone gray brick. Holding the car base horizontally with previously placed azure brackets to the left, attach the newly constructed part onto the first column from the left onto the stud facing the front of the car, with the axle pointing to towards the front of the car and the clip sticking out to the left.

Step 8

Vertically attach a yellow 1x2 tile with groove centered-vertically on the 4th column from the left. Place the front row of a medium azure 2x2 plate with a cutoff corner to the left of the ppp's back row with the cutout corner facing to the back left. Repeat symmetrically with another medium azure 2x2 plate with a cutoff corner to the left of the ppp's front row, with the cutout corner facing to the front left. Next, place a black 1x2 plate with side bar handle centered-vertically on the first column from the left.

Step 9

On the 5th and 6th rows from the left and the 2nd column from the front, vertically place a black 2x3 plate underneath the base of the car. Then vertically place a black 3x3 plate underneath and upright on the base of the car, on the 7th, 8th, and 9th rows from the left to the right of and aligned with the ppp. Then repeat symmetrically on the back side of the car base.

Step 10.1

Locate a black 2x6 tile.

10.2. Horizontally place a black 1x2 plate underneath the two leftmost columns of the black 2x6 tile, and then place it on the front row of the black 2x6 tile.

Step 11.1

Repeat the previous steps symmetrically on the opposite side of the base. Locate another black 2x6 tile.

11.2. Flip the tile over so the smooth side is on the bottom. Holding the tile horizontally, attach an upside down black 1x2 plate, with the 2 studs inserted to the rightmost side of the tile. Turn the tile over so the anti-stud of the ppp is now on the right side, and attach it horizontally to the base of the car on the 3rd to 8th rows from the left and the 1st and 2nd rows from the back.

Group 3: Race Car.

Step 12

Locate a black 2x2 angled cut left tile. Vertically place it on the 1st and 2nd columns from the front of the car and the 3rd and 4th rows from the right so the angled side faces the right, and the short end faces the front. Now locate a black 2x2 angled cut right tile, and repeat symmetrically on the back side of the car.

Step 13

Place a red 1x2 plate vertically on the 1st column from the right. Place a yellow 1x2 plate with 1 stud vertically on the 2nd column from the right, just to the left of the ppp.

Step 14

Place a tan 1x1 plate with 1x2 upright side studs underneath the front row on the 2nd column from the right, so the side studs face the front. Then repeat symmetrically at the back.

Step 15

Horizontally place the left column of a medium stone gray 1x2 plate with 1x2 upright side studs underneath the front row on the rightmost column, so the side studs face front, and then repeat symmetrically at the back.

Step 16

Attach a black 1x2 plate vertically on the second column from the right. Next, attach a black 1x2 technic brick with pin hole and 2 half beam side extensions with axle holes vertically on the first column from the right, with the side extensions protruding to the right.

Step 17

Locate 2 dark stone gray 1x2 plate with 1x2 side studs hanging down. Place one horizontally on the1st and 2nd columns from the right. Repeat symmetrically on the back side of the car base.

Step 18

Locate 2 black 1x2 plates and 2 black 1x2 plates with 1 stud. Horizontally place the 1x2 plate on the bottom row of the front-facing side studs on the 2nd and 3rd columns from the right. Hold 1 of the black 1x2 plates with 1 stud vertically and attach it to the first column from the right. Repeat symmetrically at the back.

Step 19.1

Locate 2 black 2x1 slopes. Attach 1 slope onto the bottom row of the side studs of the 2nd and 3rd columns from the right, with the slope pointing to the right of the car.

19.2. Ask a helper to place sticker 12 with the blue stripe on the left onto the other black slope. Place the slope onto the top row of the side studs of the 2nd and 3rd columns from the right, with the slope pointing to the right of the car.

Step 20.1

Locate 2 black 2x1 slopes. Rotate your build 180° so the front end is facing to the left. Attach 1 slope onto the bottom row of the side studs of the 2nd and 3rd columns from the left, with the slope pointing to the left of the car.

20.2. Ask a helper to place sticker 12 with the blue stripe on the right onto the other black slope. Place the slope onto the top row of the side studs of the 2nd and 3rd columns from the right, with the slope pointing to the left of the car.

Step 21.1

Let’s make a part! Locate a blue 1x1 round tile with hollow bar, a black 1x1 bracket with a 1x2 plate up, and the pearl dark gray game controller with car controls. Attach the blue round tile to the 1x1 portion of the black bracket with the 1x2 plate up.

21.2. Attach the game controller to the top stud of the upright bracket. Rotate the build 90° to the right so the front of the car is facing away from you. With the game controller at the top facing the back of the car and the blue round tile facing the front of the car, attach this part to the only stud of the 3rd row from the front of the car.

Building Instructions (Bag 2, Book 1):

Group 4: Front Wing.

Step 22

Locate a black 1x6 plate and a black 1x2 brick with axle hole. Holding the plate vertically, attach the brick with axle hole vertically to the back 2 studs.

Step 23

Locate a black 1x3 plate and a black 2x3 plate with cutout. Attach the 1x3 plate vertically to the 2nd, 3rd, and 4th studs from the front of the 1x6 plate. Attach the black 2x3 plate with the cutout horizontally to the 1st stud of the vertical 1x6, plate with the cutout facing towards the back.

Step 24

Locate 2 black 2x2 wedge plates with cut corners. Attach one piece under the leftmost studs of the ppp plate with cutout, with the cut corner facing towards you. Repeat symmetrically with the other black wedge plate on the right side of the front wing.

Step 25

Locate a black 1x2 plate with 1 stud (with groove and bottom stud holder) and 1 black 1x4 plate with rounded ends. Horizontally place the plate with 1 stud on the 4th row from the front of the pp 1x6 plate. Vertically attach the plate with rounded ends on the 1st, 2nd, and 3rd rows from the front, with 1 rounded end overhanging the front.

Step 26

Vertically place a black 1x3 plate on the 3rd, 4th, and 5th rows from the front.

Step 27

Locate a black 2x2 angled cut right tile with medium azure and magenta stripes. Hold the piece horizontally with the angled side facing you, place it on the left side of the wing facing you, on the first stud from the left so that the angled side faces the front, and the short side faces the left side of the front wing. After locating a black 2x2 angled cut left tile with medium azure and magenta stripes, repeat symmetrically on the right side of the front wing.

Step 28

Locate 2 black 1x2 plates. Vertically attach the front stud of 1 of these plates underneath the leftmost portion of the short side of the ppp. One stud should remain exposed away from you. Repeat symmetrically on the right side.

Step 29

Locate 1 medium azure 1x2 angled cut right tile and 1 medium azure 1x2 angled cut left tile, as well as 2 magenta 1x1 brackets with 1x1 plate up. Attach an azure tile on the side stud of a magenta bracket. The bracket will be aligned with the bottom of the tile. With the angled front facing towards you and the smooth side of the tile facing to the left, attach the bottom of the bracket piece to the exposed stud of the previously ppp on the left side. Repeat symmetrically on the right side.

Step 30.1

Locate a black 2x2 triangular tile. Ask a helper to place sticker 4 on the tile. With the piece lying flat, place it on the 2nd and 3rd columns from the left, with the 90° corner on the left back.

30.2. Locate another black 2x2 triangular tile. Ask a helper to place sticker 6 on the tile. Repeat symmetrically on the right side.

Step 31.1

Locate a magenta 1x2 angled cut left wedge tile. Ask a helper to place sticker 9 on the tile. On the left side facing towards you, horizontally place the angled cut left wedge tile on the top facing stud of the previously placed bracket, with the cut side on the right and the short side aligned with the bracket.

31.2. Locate a magenta 1x2 angled cut right wedge tile. Ask a helper to place sticker 7 on the tile. Repeat symmetrically on the right side.

Step 32

Locate 2 black 1x2 plates. Place one vertically on the 5th and 6th studs of the vertical center column of the front wing. Place the other plate horizontally on the 7th stud of the vertical center column of the front wing.

Group 5: Front Wing.

Step 33.1

Locate a black 1x4 slope.

33.2. Ask a helper to place sticker 8 on the slope. The sticker has a yellow triangle on it, which should be placed towards the taller end of the slope. Ask a sighted person to check to make sure the sticker is oriented correctly. Vertically place the sloped piece on the 1st through 4th studs from the front of the vertical center column of the wing so that it slopes to the front end of the wing.

Step 34

Take the yellow 2x2x.07 wedge with a flat end (45°) with “F1 ACADEMY” and “32” printed on top, and place it on a horizontal yellow 1x2 plate with 1 stud. Attach this piece to the 1st and 2nd studs behind the ppp, with the higher part of the wedge facing toward the back of the front wing.

Step 35.1

Locate a tan 1L axle to pin connector without friction ridges, a black 1L axle connector (smooth with “x” hole), and a red 4L axle. Insert the friction ridges of the tan axle into one side of the black axle connector.

35.2. Insert the red 4L axle into the other side of the black 1L axle connector. Now we will attach the just completed front wing of the car to the main build. Position the main build vertically with the 2 half beam side extensions facing towards the front. With the front wing facing towards you, slide it back towards the main build until if fits between the 2 side extensions. Now, to lock the spoiler in place, slide the red 4L axle from left to right into the axle hole until it reaches the end of the black axle connector.

Step 36

Locate another tan 1L axle to pin connector without friction ridges and a black 1L axle connector (smooth with “x” hole). Insert the friction ridges of the tan 1L axle into one side of the black 1L axle connector. Now slide the other end of the black 1L axle connector onto the previously placed red 4L axle on the right side of the build.

Step 37

Rotate the build 90° so the front of the car is facing towards the left. Horizontally place the yellow 4x4 wedge plate with 2x2 cutout with black shapes on the 1st, 2nd, and 3rd columns from the left, with the cutout facing towards the right. Place a white 1x2 plate on the studs between the cutout of the ppp.

Step 38

Horizontally attach the yellow 2x3 tile with LEGO logo and squares on the 1st, 2nd, and 3rd columns from the left. The “LEGO” logo should be on the left side of the tile. Ask a sighted person to check to make sure the piece is oriented correctly. Place a yellow 1x2 plate with 1 stud with the stud facing down and the hollow portion on the top to the right of the ppp.

Step 39.1

Locate 2 medium azure 1x1 plates, 2 black 1x1x.07 bricks, 2 yellow 1x1 plates, and 2 black 1x1 tiles with a raised clip. Place a black brick onto an azure plate.

39.2. Next, place a yellow plate on top of the black brick, and then place the black tile with a raised clip on top. Repeat this with the other pieces. Place one of these upright builds on the stud of the 10th row from the right in front of you, with the clip facing up and the clip hands facing left to right. Place the 2nd upright build on the stud of the 10th row from the right on the side of the car that is facing away from you, with the clip facing up and the clip hands facing left to right.

Step 40

Locate 2 medium azure 1x1 tiles with groove. Place 1 on the first stud to the right of the ppp. Repeat symmetrically on the side that is away from you.

Step 41

Locate 2 black spoons with a short handle and a flat end as well as 1 black bar with an angled stud. Attach the short handle of a spoon to the previously placed clip that is closest towards you, with the rounded side of the spoon facing towards the left and the flat end facing towards the right. Now attach the other spoon to the previously placed clip that is farthest away from you, with the rounded side of the spoon facing towards the left and the flat end facing towards the right. These are the mirrors! With the angled bar facing up and to the right, attach the black bar with angled stud centered-vertically to the previously placed upside down yellow plate 1 column to the left of the just placed spoons.

Building Instructions (Bag 3, Book 1):

Group 6: Race Car.

Step 42

Locate 2 black 1x2-2x2 up brackets. Horizontally place one of the black brackets on the 6th and 7th columns from the right with the 2x2 portion facing you, just in front of the previously placed upright plate with the rounded end, which is centered-vertically. Now repeat symmetrically with the other bracket on the other side of the upright plate with the rounded end. Locate 2 black 1x1 plates with an upright side stud. Place one just to the right of the ppp piece with the open stud facing towards you. Now repeat symmetrically with the other plate with an upright side stud on the back side.

Step 43

Locate 2 red 1x3 plates. Place one horizontally on the 5th, 6th, and 7th columns from the right, just inside the previously placed brackets. Repeat symmetrically on the other side of the upright plate with the rounded end.

Step 44

Locate a black 1x3 brick with magenta triangle (left) and place it on the ppp, on the 5th, 6th, and 7th columns from the right facing towards you, with the magenta triangle located in the bottom right corner. Locate a black 1x3 brick with magenta triangle (right) and place it symmetrically to the back of the ppp, on the 5th, 6th, and 7th columns from the right facing away from you, with the magenta triangle located on the outside of the column closest to the right. Ask a sighted person to check to make sure the pieces are oriented correctly. Locate a medium azure 1x1x0.7 brick with magenta triangle (left), and place it to the right of the previously placed black 1x3 brick on the 4th column from the right facing towards you, with the magenta triangle in the upper left-hand corner. Locate a medium azure 1x1x0.7 brick with magenta triangle (right) and place it symmetrically to the back of the previously placed black 1x3 brick on the 4th column from the right facing away from you, with the magenta triangle located in the upper left-hand corner. Ask a sighted person to check to make sure the pieces are oriented correctly.

Step 45

Locate a medium stone gray 1x2 plate with side bar handle. Orient it vertically with the studs to the right and the handle to the left, and place it centered-vertically on the 3rd column from the right. Next, locate the medium azure 3x4 wedge plate with stud notches. With the notches facing towards the left, attach the studs to the 1st, 2nd, and 3rd columns from the right.

Step 46

Locate 2 magenta 1x1 tiles with groove. Place one on the 4th column from the right on the stud that is facing closest to you. Repeat symmetrically on the side of the car that is facing away from you. Locate a magenta 2x2 angled cut right wedge tile. Rotate the piece horizontally so that the right angle is on the left . Attach it to the 2nd and 3rd studs from the right. Locate a magenta 2x2 angled cut left wedge tile. Rotate the piece horizontally so that the right angle is on the right. Place it symmetrically on the back. Locate a magenta 1x2 half circle tile. Rotate it vertically so that the straight side is located to the left, and attach it to the rightmost column.

Step 47

Locate 2 yellow 1x2x2.7 window frames with a rounded top. With the rounded side upright, attach one of the frames centered vertically on the 2nd and 3rd columns in the middle of the open well so that it is seated lower than the uppermost studs and aligned with the studs to the right. Locate a black 1x2x2.7 window pane rounded top with diamond lattice. Holding the other window frame vertically, take the diamond lattice window pane with the rounded top up, and insert it into the window frame from the left until you hear a click. With the lattice on the left side, place this piece to the left of the ppp.

Step 48

Locate a yellow 2x5 wedge slope right with medium azure, black, and magenta shapes. Holding the piece horizontally with the short side of the wedge to the right, attach a black 1x1 plate with a vertical clip (thick open “O” clip) underneath the wedge all the way to the right to align with the short side, with the clip jutting out from the wedge horizontally and facing you. Rotate the piece so that the inside of the wedge is facing towards you and the clip is on the left and pointing towards the floor. Attach the clip to the back of the previously placed plate with side bar handle, located just to the right of the first yellow window frame.

Step 49.1

Locate a yellow 2x5 wedge slope left with medium azure, black, and magenta shapes. Holding the piece horizontally with the short side of the wedge to the left, attach a black 1x1 plate with a vertical clip (thick open “O” clip) underneath the wedge all the way to the left to align with the short side, with the clip jutting out from the wedge horizontally and facing you.

49.2. Locate the magenta ski. Rotate the piece so that the inside of the wedge is facing you and the clip is pointing towards the floor. Attach the ski with the straight edge on the left, so that it aligns with the bottom of the wedge (the clip remains jutting out from the bottom of the wedge). Rotate the piece so that the inside of the wedge is facing away from you and the clip is on the left and pointing towards the floor. Attach the clip to the front of the previously placed plate with side bar handle, located just to the right of the first yellow window frame.

Step 50

Attach a yellow 1x1 (31°) slope to the top stud of the previously placed window frame that is closest to the right of the car, with the slope pointing down and to the right.

Step 51.1

Attach a yellow 1x1 plate with a 1x1 side stud hanging down onto a yellow 1x1 plate.

51.2. Attach a black 1x1 half oval to the stud on the side of the yellow bracket, with the oval part facing up towards the ceiling.

51.3. Attach a black ingot to the top of the yellow bracket vertically. Place this piece on the top stud of the previously placed window frame that is closest to the left of the car, with the half oval facing upright on the left.

Group 7: Race Car.

Step 52

Let’s build the spoiler for the back of the car! Center a black 1x2 plate with horizontal clips (open “o” clips) onto the middle 2 studs of a horizontal black 1x4 plate with rounded ends, with the clips facing towards you.

Step 53

Locate 2 black 1x1 brackets with 1x2 plates up. With the longer side pointing upright and the smooth side on the inside, attach one of the brackets to the first stud from the left of the horizontal black 1x4 plate. Repeat symmetrically with the second bracket on the right side of the horizontal black plate.

Step 54.1

Locate a black 1x4 tile.

54.2. Ask a helper to place sticker 5 on the 1x4 tile. Attach this piece between the previously placed upright brackets. Ask a sighted person to check to make sure the sticker is oriented correctly, with the words “BUILT TO RACE” going from left to right when the clips are facing you.

Step 55

Locate 2 black 1x1 (31°) slopes. Place one on the lower stud of the left side of the previously placed bracket, with the slope pointing down. Repeat symmetrically on the bracket on the other side.

Step 56

Locate 2 black 1x1 round plates with bar handle. Rotate the piece 90° so the bottom of the piece is facing towards you. Attach the round plates side by side to the bottom side of the previously placed 1x4 plate with rounded ends so that they are centered horizontally and the long portion of the bar handles are facing up and towards you.

Step 57

Locate 2 black 1x2 curved inverted slopes. Horizontally attach 1 to the previously placed round plate with bar handle on the left, with the slope pointing down and to the left. Repeat symmetrically on the other round plate with bar handle.

Step 58.1

Make a sub-build. Horizontally place a magenta 1x2 plate with 1x2 upright side studs in front of you, so the side studs face the front. Place the top row of a magenta 2x2 wedge plate upright on the front side studs with the cut corner on the bottom left. Attach the black angled cut right tile to the magenta wedge plate, with the angled side facing the cut corner of the wedge plate.

58.2. Ask a helper to place sticker 1, which has the number “32” on it, on the black angled cut tile and make sure the sticker is oriented correctly. Rotate the piece and hold it upright so the angled side is on the left.

58.3. Place the sub-build on the build. Attach the magenta 1x2 with 1x2 up bracket horizontally to the top of the back side of the piece, with the studs pointing upright. Holding the spoiler piece with the brackets pointing upright, the bar handles of the round plates pointing down, and the open portion of the clips facing you, attach this piece on the left side of the upright bracket so that the studs of the magenta bracket are facing up.

Step 59.1

Now, let’s make another sub-build. Horizontally place another magenta 1x2 plate with 1x2 upright side studs in front of you, so the side studs face the front. Place the top row of a magenta 2x2 wedge plate upright on the front side studs with the cut corner on the bottom right. Attach the black angled cut left tile to the magenta wedge plate, with the angled side facing the cut corner of the wedge plate.

59.2. Ask a helper to place sticker 3, which has the number “32” on it, on the black angled cut tile and make sure the sticker is oriented correctly. Rotate the piece and hold it upright so the angled side is on the right.

59.3. Place the sub-build on the build. Attach the magenta 1x2 with 1x2 up bracket horizontally to the top of the back side of the piece, with the studs pointing upright. Holding the spoiler piece with the brackets pointing upright and the bar handles of the round plates pointing down, and the open portion of the clips facing you, attach this piece on the right side of the upright bracket so that the studs of the magenta bracket are facing up.

Step 60

Holding the spoiler with the previously placed magenta brackets upright and the bar handles and clips on the left side, attach it to the back end of the car. Insert the bar handles that are pointing down into the clips that are on the bottom of the back side of the car, and attach the clips that are near the top of the spoiler piece to the bar handle that is closer to the top of the car.

Step 61.1

Locate a magenta 2x4 tile. Center it horizontally onto a horizontal magenta 2x2 plate.

61.2. Ask a helper to place sticker 2 on the 2x4 tile. Turn the base of the car 90° to the left so that the front of the car is facing you. Attach this piece horizontally onto the top portion of the spoiler centered between the brackets. Ask a sighted person to check to make sure the sticker is oriented correctly, with the words “F1 ACADEMY” running from left to right on the back side of the tile.

Building Instructions (Bag 4, Book 1):

Group 8: Race Car.

Step 62

Let’s build a part. Locate 2 yellow 2x2 corner plates and stack them on one another.

Step 63

Locate the yellow 2x4 curved right wedge with LEGO Logo and shapes. Place the 2 yellow 2x2 corner plates in front of you so the right angle faces the back left like the Braille letter “F.” Place the 2x4 curved right wedge on the 2 vertical studs on the left so that it slopes and overhangs to the left. Insert a red 1x1 plate into the front-facing notch underneath the ppp.

Step 64

Place a yellow 1x1 tile with groove on the free stud of the stacked corner plates to the right of the curved right wedge.

Step 65.1

Hold a black 1x2 inverted slope with plate in front of you so it slopes to the left. Place a black 1x1 slope with medium azure shape (right) on the top stud of the inverted slope with the slope facing towards you.

65.2. Place a yellow 1x1 plate with ring on the lower stud of the plate with the inverted slope so the thick ring overhangs to the front and is facing you. Holding the previously constructed wedge piece horizontally, vertically attach your part underneath it, with the stud facing towards the back and the slope closest to you and sloping to the right.

Step 66

Attach a black 1x2 right wedge to a black 1x1 plate. With the sloped side to the right and pointing upright, attach this piece to the portion of the thick ring that is facing you. Then vertically attach a yellow 1x2 angled cut left tile with the sloped side to the right and pointing upright to the portion of the thick ring that is facing away from you.

Step 67

Rotate the car base horizontally in front of you so that the back raised spoiler is on the left side. Place the newly completed part centered horizontally on the car base so the anti-studs of the angled slope of the wedge piece face the back and connect with the first column from the bottom of the car base, aligned with the leftmost previously placed rounded window piece. The stepped portion of this piece slides towards the back of the car base, situated just to the left of the previously spaced spoon that serves as a mirror.

Step 68.1

Attach a black 1x2 left wedge to a black 1x2 plate with top clip without a gap so that the angle of the wedge is sloping down to the left and the clip is on the right.

68.2. Ask a helper to place sticker 11, which is black with a magenta square and a white square, on the wedge and make sure it is oriented correctly. Horizontally attach this piece to the first column of studs closest to you, with the angled piece facing to the left towards the back of the car and the top clip to the right.

Step 69

Insert a black 1x1x1 bucket handle centered vertically into a black 1x1 tile with clip (raised “c”) until it clicks. Attach the anti-stud portion of the clip to the stud located on the side of the car facing you just to the left of the front wheel axle, with the bucket handles remaining vertical. The bucket handles can move freely and should be pointed diagonally towards you.

Group 9: Race Car.

Step 70

Let’s build a symmetrical part for the back side of the car. Locate 2 yellow 2x2 corner plates and stack them on one another.

Step 71

Locate the yellow 2x4 curved left wedge with LEGO Logo and shapes. Place the 2 yellow 2x2 corner plates in front of you so the right angle faces the back right like the Braille letter “D.” Place the 2x4 curved left wedge on the 2 vertical studs at the right so that it slopes and overhangs to the right. Insert a red 1x1 plate into the front-facing notch underneath the ppp.

Step 72

Place a yellow 1x1 tile with groove on the stud to the left of the curved left wedge.

Step 73.1

Horizontally place a black 1x2 inverted slope with plate in front of you so it slopes to the right. Place a black 1x1 slope with medium azure shape (left) on the top stud of the inverted slope with the slope facing towards you.

73.2. Place a yellow 1x1 plate with ring on the lower stud of the plate with the inverted slope so the thick ring overhangs to the front and is facing you. Holding the previously constructed wedge piece horizontally, vertically attach your part underneath it, with the stud facing towards the back and the slope closest to you and sloping to the left.

Step 74

Attach a black 1x2 left wedge to a black 1x1 plate. With the sloped side to the left and pointing upright, attach this piece to the portion of the thick ring that is facing you. Then vertically attach a yellow 1x2 angled cut right tile with the sloped side to the left and pointing upright to the portion of the thick ring that is facing away from you.

Step 75

Rotate the car base 180° so that the back raised spoiler is on the right side. Place the newly completed part centered horizontally on the car base so the anti-studs of the angled slope face the back and connect with the first column from the bottom of the car base, aligned with the rightmost previously placed rounded window piece. The stepped portion of this piece slides towards the back of the car base, situated just to the right of the previously placed spoon that serves as a mirror.

Step 76.1

Attach a black 1x2 right wedge to a black 1x2 plate with top clip without a gap so that the angle of the wedge is sloping down to the right and the clip is on the left.

76.2. Ask a helper to place sticker 10, which is black with an azure square and a yellow square, on the wedge and make sure it is oriented correctly. Horizontally attach this piece to the first row of studs closest to you, with the angled piece facing to the right towards the back of the car and the top clip to the left.

Step 77

Insert a black 1x1x1 bucket handle centered vertically into a black 1x1 tile with clip (raised “c”) until it clicks. Attach the anti-stud portion of the clip to the stud located on the side of the car facing you just to the right of the front wheel axle, with the bucket handles remaining vertical. The bucket handles can move freely and should be pointed diagonally towards you.

Step 78.1

Horizontally place a black 5.6 cm (7 studs) plastic hose in front of you. Then attach a black bar holder with a handle to the right-facing side of the bar so the handle is vertical.

78.2. Then repeat symmetrically to the left with another black bar holder. Holding the hose vertically, attach the right-facing handle of your part to the back top-facing claw that is centered horizontally on the 3rd row from the back of the car.

Step 79

Attach the other handle to the front top-facing claw that is centered horizontally on the 3rd frow from the front of the car so the bar bends in an upside down U shape.

Step 80

Locate 2 flat silver Ø24x15 wheel rims with black tires with yellow “PIRELLI P ZERO.” These 2 tires are wider than the other 2 and belong on the rear of the car. Rotate the car 90° so the rear of the car is facing you. Place 1 tire upright on the rightmost back-facing pin so that the deepest portion of the wheel dish faces the right. Repeat symmetrically on the left.

Step 81

Locate 2 flat silver Ø24x13.4 wheel rims with black tires with yellow “PIRELLI” and “PZERO.” These 2 tires are narrower than the other 2 and belong on the front of the car. Rotate the car 180° so the front of the car is facing you. Place 1 tire upright on the right-most front-facing pin so that the deepest portion of the wheel dish faces the right. Repeat symmetrically on the left. The driver may be added to the seat that is located in the middle of the car. Once the driver is in the car, the black plastic hose can be lowered horizontally over the driver.

Thank you so much for building this set!

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

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

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

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