

72035 Mario Kart - Toad's Garage

Adapted by Arturo and tested by Natalie Charbonneau.

Let kids role-play as pit crew at Toad's garage and prepare a B Dasher for racing action with this customizable LEGO® Super Mario™: Mario Kart™ toy playset (72035). A fantastic Nintendo® character gift idea for boys, girls and gamers aged 8 and up, the set features 2 Blue Toad toy figures in blue pit crew uniform, plus a working car elevator, a choice of Standard Tires or Blue Standard Tires and tools. The B Dasher has a shell shooter, and builders can also attach the horn and engine from the Customization Machines. Add a LEGO Mario, LEGO Luigi or LEGO Peach figure (from sets 71439, 71440 or 71441 – sold separately) for interactive play, including digital reactions when driving, drifting and hovering in the B Dasher, and selecting horn and engine sounds from the Customization Machines.

The packaging captures the energy of a colorful Toad's Garage pit stop, with the B Dasher being prepared for racing action by two Blue Toad pit crew figures. The front of the box shows the full garage setup arranged like a bright, playful Mario Kart service area. The white, blue, red, yellow, and black B Dasher is shown near the center with its rounded bodywork, blue wheels, and racing details, while the yellow and blue garage platform, tire station, tools, and customization machines surround it. The two Blue Toads appear in matching blue pit crew uniforms, posed as if they are helping tune up the kart and get it ready for the next race. The background uses a cheerful Mario Kart white and gray garage with a blue door and track-like scenery, making the whole scene feel like part of a racing course rather than a simple workshop. On the top left corner, we have the classic LEGO logo, followed by the Super Mario logo, and the Mario Kart branding nearby. Along the front, the set information is also visible, including the age rating, set number, and piece count. The box also highlights that interactive play is possible with the interactive figures of Mario, Luigi, or Peach (which are sold separately and are not included in the set). The left of the box continues the colorful LEGO Super Mario visual style, with branding elements and side-panel artwork connected to the Mario Kart theme, showing the B Dasher from a front angle. The back of the box shows another view of the same garage environment, now focusing more clearly on the play features. Namely, small inset images highlight the main functions, including placing the kart on the car lift, changing the tires, using the customization machines, and adding the interactive Mario, Luigi, or Peach figures (from other sets) for digital reactions to the action tiles. On the top left corner, we have the LEGO logo. The right side of the box has a warning in several different languages that states that the set contains small parts and it is therefore not recommended for children younger than 3 years old. The top of the box has the classic LEGO logo, the name of the set in several other languages, an image of both Blue Toads, as well as an image of one of them on a 1:1 scale. The bottom of the box is a tidy strip that contains the barcode as well as a few technical bits: the LEGO logo, Super Mario, Nintendo, and Mario Kart copyright and trademark information, the set number, recycling information, and other packaging notices.

The build consists of 390 pieces in total, 2 minifigures, and is recommended for ages 8+. Once finished, you will have Toad's Garage and a kart (the B Dasher). The set consists of 5 numbered bags and 1 instruction booklet.

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.
- Hollow stud: a bump on a LEGO brick with a hole, which allows attaching bars.
- "Anti-stud" is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- Left/right wedge parts: these are parts that when placed in front of you and are pointing to the back, their wedge is on the left/right side of the part.
- Symmetrically: a mirror image. Example: If you place a 2x1 brick with technic connector on the front wall at the right, connector to the front, and then place another such piece symmetrically on the back wall, at the right, the technic connector of the second piece should point to the back, since it will be placed symmetrically.
- Centered-vertically: even amount of space in front of and behind piece
- Centered-horizontally: even amount of space left and right of piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

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

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

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

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

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

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

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

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

Additionally, it is worth mentioning that besides the printed visual instructions that come with each kit, a PDF version for the set's instructions is always available online at [\[https://www.lego.com/en-us/service/building-instructions/72035\]](https://www.lego.com/en-us/service/building-instructions/72035). This might help a sighted building partner that may want to follow along or low vision users that may benefit from viewing the instructions on a personal device where they can zoom in on content and use assistive technologies to enhance the visuals.

Sorting the pieces:

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

This LEGO set comes with 5 numbered bags and 1 instruction booklet. 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.

Book 1, bag 1 - Blue Toad with Pit Crew Uniform; B Dasher

Group 1: pages 6-7

Group 2: steps 1-9

Group 3: steps 10.1-10.3

Group 4: steps 10.4-18

Group 5: steps 19-23.1

Group 6: steps 23.2-24

Group 7: steps 25-28

Book 1, bag 2 - B Dasher

Group 8: steps 29-35.1

Group 9: steps 35.2-35.5

Group 10: steps 35.6-41

Group 11: steps 42-45

Group 12: steps 46-50

Book 1, bag 3 - Vehicle platform

Group 13: steps 51-59

Group 14: steps 60-65

Group 15: steps 66-68

Group 16: steps 69.1-72

Book 1, bag 4 - Vehicle platform; Toads' control station

Group 17: steps 73-76

Group 18: steps 77.1-77.5

Group 19: steps 78.1-80

Group 20: steps 81-89.7

Group 21: steps 90.1-92

Book 1, bag 5 - Blue Toad with Pit Crew Uniform; Tire station

Group 22: pages 85-87

Group 23: steps 1-8

Group 24: steps 9-18

Group 25: steps 19-20

Alright, we are done with sorting. Let's get building!

Building Instructions

Book 1, bag 1:

Group 1 – Blue Toad with Pit Crew Uniform

Page 6-7. Place 1 red 2x2 round plate with 2 feet in front of you, so that its feet face to the front. Then, place 1 blue 2x2 round plate with axle hole on top of the ppp. Next, place 1 blue 2x2 round brick with pin holes on opposite sides with printed crew uniform on top of the ppp, so that its pin holes face to the left and right. Insert the pin of 1 blue arm with yellow hand into each of the 2 holes of the ppp, so that the hands face to the front. Continue by placing 1 light bluish 2x2 brick with Toad face pattern on top of the minifigure's body. Place 1 lime 1x2 jumper plate horizontally on the back row of the ppp. Then, place 1 bright pink 1x1 round tile on top of the ppp. Next, place 1 light bluish gray 1x2 hinge base horizontally in front of the ppp, so that its flat wall faces to the front. Rotate 1 reddish brown 2x2 plate with hinge bar underneath so that its hinge bar is to the front. Attach it to the ppp and angle it down as far as possible. Place 1 white 2x2 round plate with axle hole on top of the ppp. Attach 1 blue hollow cube with 2x2 studs on top, printed white strips and Toad logo to the ppp. Lastly, place 1 blue 2x2 round tile on top of the ppp.

Ask a sighted friend to make sure that the printed elements (the torso, the face, and the head) are oriented properly.

Group 2 – B Dasher

Step 1

Let's begin with building the B Dasher. Place 1 dark bluish gray 2x4 plate with 1x2 upright bricks with axle hole on opposite sides horizontally in front of you, so that its axle holes face to the left and right. Rotate 1 tan 2x12 plate vertically. Place its 2 back rows on top of the ppp, so that it is centered horizontally and it overhangs to the front by 10 rows.

Step 2

Place 1 light bluish gray 4x8 plate vertically under the overhang of the ppp, so that it is centered horizontally and the 2x12 plate overhangs to the front by 2 rows. Rotate 1 dark bluish gray 2x6 plate with 1x2 upright bricks with axle hole on opposite sides horizontally. Place it under the 2 overhanging rows to the front, so that it is centered horizontally.

Step 3

Locate 2 black 1x3 plates. Place the first one on the 3 front rows of the 2nd column from the left. Take the second one and repeat symmetrically on the right.

Step 4

Find 2 tan 1L axles with pin. Insert the axle of the first one on the front left-facing axle hole, so that its pin protrudes to the left. Take the second one and repeat symmetrically on the right.

Step 5

Rotate one white 2L axle with pin horizontally so that its pin faces to the left. Slide 1 red bush onto the axle, so that the axle protrudes to the right by 1L. Insert this protrusion into the back left-facing axle hole, so that the pin faces to the left. Grab 1 white 2L axle with pin and 1 red bush and repeat symmetrically on the right.

Step 6

Locate 2 dark bluish gray 1x2 rounded plates with open stud. Place the first one vertically on the leftmost column of the 3rd and 4th rows from the back. Take the second one and repeat symmetrically on the right.

Step 7

Find 4 black 1x2 plates with 2x2 upright side studs. Place the first 2 vertically, one in front of the other, in front of the ppp, so that their side studs face to the right. Take the remaining 2 and repeat symmetrically on the left. Grab 2 tan 1x1 plates with 1x2 upright side studs. Place the first one in front of the 2 ppp, so that its side studs face to the left. Take the second one and repeat symmetrically on the right.

Step 8

Place 2 black 2x10 plates vertically, one to the right of the other, on top of the 10 front rows, so that together they are centered horizontally.

Step 9

Place 1 green 1x2 plate horizontally on the 2nd row from the back, so that it is centered horizontally.

Group 3 – B Dasher (continued)

Step 10.1

We need to assemble a small sub-build. Place 1 white 2x4 plate vertically in front of you. Then, place 1 white 1x4 tile with 2 studs horizontally on top of the back row of the ppp, so that it overhangs to the left and right by 1 column.

Step 10.2

Place 1 red 1x4 plate horizontally in front of the ppp. Then, place 1 white 1x4 tile with 2 studs horizontally in front of the ppp.

Step 10.3

Locate 4 white 1x2 inverted curve slope tiles. Rotate the first one horizontally, so that it slopes to the right. Place its rightmost column under the rightmost column of the ppp. Take the second one and repeat symmetrically on the left. Then, take the remaining 2 and repeat symmetrically on the back.

Group 4 – B Dasher (continued)

Step 10.4

Find 2 red 1x2 inverted curve slope tiles. Rotate the first one horizontally, so that it slopes to the right. Place it under the 2 rightmost columns of the 2nd row from the back. Take the second one and repeat symmetrically on the left.

Step 10.5

The sub-build is complete. Place its front row on the back row of the main build, so that it is centered horizontally.

Step 11

Place 1 dark bluish gray 2x6 plate vertically on the 4th to 9th rows from the back, so that it is centered horizontally.

Step 12

Locate 2 dark bluish gray 1x2 rounded plates with open studs. Place the first one horizontally to the left of the 3rd row from the back of the ppp, so that it overhangs to the left by 1 column. Take the second one and repeat symmetrically on the right.

Step 13

Find 2 light bluish gray 1x3 rounded plates with open studs. Rotate the first one horizontally. Place its 2 rightmost columns on top of the ppp. Take the second one and repeat symmetrically on the left.

Step 14

Place 1 black 2x4 plate vertically behind the 2 ppps, so that it is centered horizontally.

Step 15

Place 1 black 1x2 plate with door rail horizontally on the back row of the ppp, so that its rail faces to the back.

Step 16

Place 1 black 2x4 plate vertically in front of the ppp. Locate 2 dark bluish gray 1x2 rounded plates with open studs. Place the first one horizontally to the right of the front row of the ppp. Take the second one and repeat symmetrically on the left.

Step 17

Find 2 white 1x1 bricks with side stud and lip. Place the first one in front of the rightmost column of the ppp, so that its side stud faces to the left. Take the second one and repeat symmetrically on the right.

Step 18

Grab 2 white 2x2 curved corner plates. Rotate the first one so that its curved edge faces to the right and to the back. Place its front row on top of the ppp. Take the second one and repeat symmetrically on the left.

Group 5 – B Dasher (continued)

Step 19

Place 1 black 2x2 tile with the “kart” scanner code on the 5th and 6th rows from the front, so that it is centered horizontally. Ask a sighted friend to make sure that it is oriented properly.

Step 20

Place 1 black 2x4 plate vertically in front of the ppp. Locate 2 black 1x8 plates. Place the first one vertically to the left of the ppp, so that their front edges are flush. Take the second one and repeat symmetrically on the right.

Step 21

Grab 2 black 1x1 short bricks. Place the first one on the 4th row from the front of the ppp. Take the second one and repeat symmetrically on the left.

Step 22

Locate 2 black 1x1 plates with 1x1 upright side studs. Place the first one on top of the ppp, so that its side stud faces to the left. Take the second one and repeat symmetrically on the right.

Step 23.1

Find 2 red 1x1 curved slope tiles with 1x1 plate. Rotate the first one horizontally, so that it slopes to the right. Place its leftmost column on the 2nd column from the right of the 2nd row from the back, on top of the rightmost column of the 1x2 plate with door rail. Take the second one and repeat symmetrically on the left.

Group 6 – B Dasher (continued)

Step 23.2

Grab 6 white curved slope tiles with 1x1 plate. Place the first 3 horizontally, one in front of the other, in front of the ppp, so that they slope to the left. Take the remaining 3 and repeat symmetrically on the right.

Step 24

Locate 2 white 1x1 curved slope tiles with 1x1 plate. Place the first one horizontally on the 2 rightmost columns on the back row, so that it slopes to the right. Take the second one and repeat symmetrically on the left. Then, place 1 white 1x2 tile horizontally on top of the 2 ppps.

Group 7 – B Dasher (continued)

Step 25

Place 1 red 1x2 tile horizontally in front of the ppp.

Step 26

Place 1 white 2x2 tile in front of the ppp. We need to apply sticker 5 (a white square with Toad's head) to the ppp. Ask a sighted friend to make sure that the sticker is applied and oriented correctly.

Step 27

Place 1 white 2x2 tile with 2 studs in front of the ppp, so that its studs face to the front. Then, place 2 transparent light blue 1x1 slope tiles on top of the ppp, one to the right of the other, so that they slope to the back.

Step 28

Place 1 light bluish gray 1x2 tile with steering wheel horizontally in front of the 2 ppps, so that the steering wheel faces to the front.

Book 1, bag 2

Group 8 – B Dasher (continued)

Step 29

Rotate the car build 90 degrees counterclockwise on the horizontal plane, so that its steering wheel faces to the right. Attach 1 white 1x1 quarter round tile on the leftmost column of the bottom row of front-facing side studs, so that its curved edge faces to the left and to the bottom. Attach 1 light bluish gray 1x1 plate with 1x1 slope tile horizontally upright to the right of the ppp, so that it slopes to the left.

Step 30

Rotate 1 light bluish gray 1x3 inverted half arch horizontally upright, so that its antistuds face to the back and it slopes to the right. Attach its leftmost column to the rightmost column of the ppp.

Step 31

Attach 1 white 1x1 short brick above the rightmost column of the ppp. Then, skip 1 column to the left and attach 1 white 1x2 tile horizontally upright. Next, attach 1 white 1x2 curved slope tile horizontally upright to the left of the ppp, so that it slopes to the left.

Step 32

Rotate the car 180 degrees on the horizontal plane, so that its steering wheel faces to the left. Attach 1 white 1x1 quarter round tile on the rightmost column of the bottom row of front-facing side studs, so that its curved edge faces to the right and to the bottom. Attach 1 light bluish gray 1x1 plate with 1x1 slope tile horizontally upright to the left of the ppp, so that it slopes to the right.

Step 33

Rotate 1 light bluish gray 1x3 inverted half arch horizontally upright, so that its antistuds face to the back and it slopes to the left. Attach its rightmost column to the leftmost column of the ppp.

Step 34

Attach 1 white 1x1 short brick above the leftmost column of the ppp. Then, skip 1 column to the right and attach 1 white 1x2 tile horizontally upright. Next, attach 1 white 1x2 curved slope tile horizontally upright to the right of the ppp, so that it slopes to the right.

Step 35.1

We need to assemble a small sub-build. Place 1 light bluish gray 1x2 brick with 2 pin holes horizontally in front of you, so that its pin holes face to the front and back. Insert 1 black 2L pin into the leftmost pin hole

of the ppp, so that it protrudes to the front by 1L. Then, insert 1 blue 3L pin into the rightmost pin hole, so that it protrudes to the front and back by 1L.

Group 9 – B Dasher (continued)

Step 35.2

Locate 2 black 1x2 bricks with 2 pin holes. Rotate the first one horizontally. Then, slide its right pin hole onto the left front-protruding pin. Take the second one and repeat symmetrically on the right.

Step 35.3

Find 2 black 2L pins. Insert the first one into the leftmost front-facing pin hole, so that it protrudes to the front by 1L. Take the second one and repeat symmetrically on the right.

Step 35.4

Locate 2 black 1x2 bricks with 2 pin holes. Rotate the first one horizontally. Then, slide its left pin hole onto the left front-protruding pin. Take the second one and repeat symmetrically on the right.

Step 35.5

Insert 1 black 2L pin into the left front-facing available pin hole, so that it protrudes to the front by 1L. Then, insert 1 blue 3L pin into the right front-facing available pin hole, so that it protrudes to the front by 2L.

Group 10 – B Dasher (continued)

Step 35.6

Slide 1 light bluish gray 1x2 brick with pin holes onto the front-facing pins, so that the rightmost pin still protrudes to the front by 1L.

Step 35.7

The sub-build is complete. Rotate it 90 degrees counterclockwise on the horizontal plane, so that its protruding pins are on its back half. Bring back the car build, so that its steering wheel faces to the front. Then, place the sub-build's back row on the car's 4th row from the front, so that it sits between the 2 black 1x1 plates with 1x1 upright side studs.

Step 36

Place 2 dark green 1x2 slope tiles horizontally, one to the right of the other, on the 4th row from the front, so that they slope to the back.

Step 37

Grab 2 white 2x2 round curved slope corners with stud. Rotate the first one so that its antistuds face to the left and it slopes to the top and to the back. Attach its top front left-facing antistud to the right-facing side stud located on the 4th row from the front. Take the second one and repeat symmetrically on the left. Then, attach 1 white 1x1 tile to each of the 2 ppps.

Step 38

Locate 2 dark bluish gray 1x2 bricks with axle hole. Place the first one horizontally on the 2 leftmost columns of the front row, so that its axle hole faces to the front. Take the second one and repeat symmetrically on the right.

Step 39

Place 2 black 2x3 plates vertically, one to the right of the other, on the 3 front rows, so that together they are centered horizontally.

Step 40

Place 1 light bluish gray 1x2 plate horizontally on the front row, so that it is centered horizontally. Then, place 1 light bluish gray 2x2 plate with upright locking finger behind the ppp, so that its studs face to the front.

Step 41

Place 1 light bluish gray 2x2 jumper plate on top of the 2 ppps.

Group 11 – B Dasher (continued)

Step 42

Insert 1 yellow 3L axle into each of the 2 front-facing axle holes, so that they protrude to the front by 2L.

Step 43

Slide 1 dark bluish gray 2x2 round brick with axle hole onto each of the 2 ppps. Then, attach 1 white 2x2 round plate with axle hole to each of the 2 ppps. Next, attach 1 more white 2x2 round plate with axle hole to each of the 2 ppps. Continue by attaching 1 dark bluish gray 2x2 round tile with stud to each of the 2 ppps. Lastly, attach 1 dark bluish gray 2x2 inverted dish to each of the 2 ppps.

Step 44

Find 2 black 1x1 pin hole connectors with axle. Attach the first one to the top right-facing pin, so that its axle faces to the front and to the top. Take the second one and repeat symmetrically on the left. Slide the axle hole on the thin end of 1 dark bluish gray dragon tail to each of the 2 ppps, so that their remaining axle holes face to the front. Lastly, insert 1 red 2L axle into the front-facing axle hole of each of the 2 ppps.

Step 45

Slide 1 white 2x2 round plate with axle hole onto each of the 2 ppps. Next, attach 1 more white 2x2 round plate with axle hole to each of the 2 ppps. Continue by attaching 1 dark bluish gray 2x2 round tile with stud to each of the 2 ppps. Lastly, attach 1 dark bluish gray 2x2 inverted dish to each of the 2 ppps.

Group 12 – B Dasher (continued)

Step 46

Grab 2 blue small wheels. Slide the pin hole of the first one onto the back right-facing pin. Take the second one and repeat symmetrically on the left. Locate 2 blue large wheels with flat silver center. Slide the pin hole of the first one onto the front right-facing pin. Take the second one and repeat symmetrically on the left.

Step 47

Attach 1 white 2x2 round plate with axle hole to each of the 4 ppps (the 4 wheels). Then, attach 1 light bluish gray 2x2 round tile to each of the 4 ppps. Lastly, we need to apply sticker 1 (a light bluish gray circle with a black contour and a black cross in the middle) to each of the 4 ppps. Ask a sighted friend to make sure that the stickers are applied and oriented correctly.

Step 48

Flip the car upside down from left to right. Locate 2 tan 2x2 inverted round tiles with round bottom. Attach the first one to the 2nd and 3rd rows from the front. Attach the second one to the 5th and 6th rows from the front. Make sure that both are centered horizontally.

Step 49

Flip the car right side up, so that it is vertically in front of you and its steering wheel faces to the back. Insert the bar of 1 stud shooter into the open stud located on the leftmost column of the 6th row from the front, so that its open side faces to the front. Then, insert 1 dark bluish gray trigger vertically into the top slot of the ppp, so that its thick tab is to the back. Lastly, attach 1 red 1x1 tile to the back-facing side stud of the stud shooter.

Step 50

Place 1 red and 1 green shell projectiles with attachment extension in front of you, so that their extensions face to the back. Attach 1 tan 2x2 inverted round tile with round bottom to the bottom of each of the 2 ppps. These can be used as projectiles by inserting their attachment extensions into the stud shooter and pressing the trigger. Be careful not to aim or shoot them at anyone's face.

Book 1, bag 3

Group 13 – Vehicle platform

Step 51

Let's begin with the vehicle platform. Place 1 blue 2x8 plate vertically in front of you. Then, place 1 dark bluish gray 1x3 brick vertically on the 3 back rows of the rightmost column of the ppp.

Step 52

Place 1 white 1x6 brick vertically to the left of the ppp, so that it overhangs to the back by 3 rows.

Step 53

Place 1 black 1x2 hinge brick horizontally on the front row, so that its flat wall faces to the back. Attach 1 black 2x2 plate with hinge bar to the ppp, so that it overhangs to the front by 1 row. Rotate 1 yellow 2x6

tile vertically. Place its 2 back rows on top of the ppp. Then, angle it and bring it as close as possible to the ground. Note that we will not consider the 2x6 tile when counting rows and columns.

Step 54

Place 1 white 2x3 brick vertically behind the black 1x2 hinge brick from the previous step.

Step 55

Place 2 yellow 1x1 half cylinder bricks, one to the right of the other, on the front row of the ppp, so that they slope to the front and to the back.

Step 56

Rotate 1 light bluish gray 2x14 plate horizontally. Place its leftmost column under the overhang located on the 2nd and 3rd rows from the back of the leftmost column. Place 1 blue 2x2 tile with the "Toad speech bubble" scanner code on the 2 rightmost columns of the ppp. Ask a sighted friend to make sure that it is oriented properly.

Step 57

Rotate 1 yellow 1x3 brick vertically. Place its 2 front rows on top of the 2nd and 3rd rows from the back on the 2nd column from the left, so that it overhangs to the back by 1 row.

Step 58

Place 1 light bluish gray 2x6 plate horizontally to the right of the 2 front rows of the ppp. Then, place 1 yellow 2x6 tile horizontally on top of the ppp.

Step 59

Rotate 1 yellow 1x3 brick vertically. Place its 2 front rows to the right of the ppp, so that it overhangs to the back by 1 row.

Group 14 – Vehicle platform (continued)

Step 60

We need to assemble a sub-build. Place 1 blue 2x8 plate vertically in front of you. Then, place 1 dark bluish gray 1x3 brick vertically on the 3 back rows of the leftmost column of the ppp.

Step 61

Rotate 1 white 1x6 brick vertically. Place its 3 front rows to the right of the ppp, so that it overhangs to the back by 3 rows.

Step 62

Place 1 black 1x2 hinge brick horizontally on the front row of the sub-build, so that its flat wall faces to the back. Attach 1 black 2x2 plate with hinge bar to the ppp, so that it overhangs to the front by 1 row. Rotate

1 yellow 2x6 tile vertically. Place its 2 back rows on top of the ppp. Then, angle it and bring it as close as possible to the ground. Note that we will not consider the 2x6 tile when counting rows and columns.

Step 63

Place 1 white 2x3 brick vertically behind the black 1x2 hinge brick from the previous step.

Step 64

Place 2 yellow 1x1 half cylinder bricks, one to the right of the other, on the front row of the ppp, so that they slope to the front and to the back.

Step 65

The sub-build is complete. Bring back the vehicle platform, so that its yellow 2x6 tile is angled towards the front. Place the 2nd and 3rd rows from the back of the sub-build on top of the 5th and 6th columns from the right of the vehicle platform, so that the sub-build overhangs to the back by 1 row.

Note that we will not consider the blue 2x2 tile located on the 2 rightmost columns nor the 2 columns to its left when counting rows and columns.

Group 15 – Vehicle platform (continued)

Step 66

Locate 2 blue 2x12 plates. Rotate the first one vertically. Place its front row under the overhanging row located on the back row of the 2 leftmost columns of the build. Take the second one and repeat symmetrically on the overhang on the right.

Step 67

Find 2 white 2x3 bricks. Place the first one vertically on the 9th to 11th rows from the back of the ppp, behind the backmost bricks. Take the second one and repeat symmetrically on the left.

Step 68

Rotate 1 yellow 2x10 plate horizontally. Place its 2 leftmost columns on the 6th and 7th rows from the back of the 2 leftmost columns, so that its 2 rightmost columns also attach to the plate on the other side. Then, grab 4 black 2x3 plates. Stack the first 2 and place them horizontally on the 3 rightmost columns of the ppp. Take the remaining 2 and place symmetrically on the left.

Group 16 – Vehicle platform (continued)

Step 69.1

Let's build the lifting mechanism. Place 1 light bluish gray 1x11 technic liftarm vertically in front of you, so that its pin holes face to the left and right. Locate 3 blue 1L axles with pin and insert their pins into the 2nd, 6th, and 10th left-facing holes from the front, so that their axles protrude to the left.

Step 69.2

Slide 1 blue 3L axle connector onto the protruding axle of each of the 3 ppps. Then, insert the axle of 1 blue 1L axle with pin into each of the left-facing axle holes of the 3 ppps, so that their pins face to the left.

Step 69.3

Rotate 1 light bluish gray 1x11 technic liftarm vertically, so that its pin holes face to the left and right. Slide its 2nd, 6th, and 10th right-facing holes from the front onto the 3 ppps.

Step 69.4

Find 4 red 1x3 technic cranks. Rotate the first 2 vertically, so that their pins face to the right and are to the back while their protruding axle holes face to the left and are to the front. Insert the right-facing pin of the first one into the left-facing hole on the back row. Then, insert the right-facing pin of the second one into the left-facing hole on the front row, so that it overhangs to the front by 2 rows. Take the remaining 2 and repeat symmetrically on the right.

Step 69.5

Insert 1 black 2L axle into the protruding axle hole of each of the 4 ppps. Then, slide 1 light bluish gray 2L axle connector onto each of the 4 ppps.

Step 69.6

Insert 1 black 2L axle into the left-facing axle hole of the axle connector located on the front and on the right, so that it protrudes to the right by 1L. Then, rotate 1 red 1x3 technic crank vertically, so that its pin faces to the right and is to the back, while its protruding axle hole faces to the left and is to the front. This will be the main crank. Slide its left-facing protruding axle hole onto the ppp, creating a U-shape together with the axle connector and its attached technic crank.

Step 69.7

The lifting mechanism is complete. Bring back the vehicle base, so that its 2x6 tiles face to the front. Grab the lifting mechanism vertically, so that the pin of its main crank faces to the right. Rotate the back cranks 90 degrees from the front to the bottom. Repeat similarly with its front cranks, so that the main crank is vertically upright. Insert the front light bluish gray 2L axle connectors into the spaces located on the 4th row from the front. This way, the back light bluish gray 2L axle connectors should slide into the spaces located on the 8th row from the back.

Step 70

Grab 2 yellow 2x6 tiles. Place the first one vertically behind the 2 yellow 1x1 half cylinder bricks located on the front row of the 2 leftmost columns. Take the second one and repeat symmetrically on the right. Then, place 1 yellow 2x2 tile behind each of the 2 ppps. Next, place 1 yellow 2x6 tile vertically behind each of the 2 ppps. Note that placing the 2x6 tiles helps fix the lifting mechanism in place. Now, you can rotate the main crank back and forth to lower and raise the lifting mechanism.

Step 71

Place 2 yellow 1x1 half cylinder bricks, one to the right of the other, behind each of the 2 ppps, so that they slope to the front and to the back.

Step 72

Locate 2 black 1x3 tiles. Place the first one vertically on the 3rd to 5th rows from the back of the leftmost column. Take the second one and repeat symmetrically on the right.

Book 1, bag 4

Group 17 – Vehicle platform (continued)

Step 73

Place 1 black 1x1 brick behind the ppp. Then, place 1 light bluish gray 1x1 brick with clip behind the ppp, so that its clip faces to the right. Place 1 black 1x2 long brick vertically on the 2 back rows of the leftmost column.

Step 74

Place 1 light bluish gray 2x3 brick horizontally to the right of the ppp, so that it overhangs to the right by 2 columns. Then, rotate 1 light bluish gray 2x6 plate horizontally. Place its 2 leftmost columns under the overhang of the ppp. Rotate 1 light bluish gray 2x3 brick horizontally. Place its 2 leftmost columns on top of the 2 rightmost columns of the ppp. Then, place 1 black 2x2 round brick with axle hole to the left of the ppp.

Step 75

Find 2 red 2x3 plates. Place the first one horizontally on the 3 leftmost columns of the 2 back rows. Take the second one and repeat symmetrically on the right. Then, place 1 black 2x4 plate with holes horizontally to the left of the ppp.

Step 76

Place 1 black 2x2 round brick with axle hole on top of the ppp, so that it is centered horizontally. Then, place 1 red 2x2 round tile with hole on top of the ppp.

Group 18 – Vehicle platform (continued)

Step 77.1

We need to assemble a small sub-build. Hold 1 light bluish gray 8L axle with stop vertically upright, so that its stop faces to the bottom. Slide 1 red technic axle and pin connector onto the ppp so that it goes down as much as possible and its axle connector faces to the front. Then, slide 1 black bush onto the 8L axle, so that it is on top of the ppp.

Step 77.2

Slide 1 black 2L technic pin round connector onto the 8L axle, so that it is on top of the ppp. Then, slide 1 black bush onto the 8L axle, so that it is on top of the ppp.

Step 77.3

Slide 1 black 2L technic pin round connector onto the 8L axle, so that it is on top of the ppp. Then, slide 1 red 2L axle connector onto the 8L axle, so that it is on top of the ppp and it protrudes to the top.

Step 77.4

Insert 1 red 4L axle into the ppp, so that it protrudes to the top by 3L.

Step 77.5

The sub-build is complete. Flip it upside down so that the stop of the 8L axle is to the top and the protruding red pin connector faces to the front. Insert it into the hole on the 2x2 round tile with hole located in the middle of the 2 back rows.

Group 19 – Vehicle platform (continued)

Step 78.1

We need to assemble a small sub-build for a hose. Rotate 1 black megaphone so that its open end faces to the bottom and its handle to the back. Then, place 1 black 1x1 tile with upright clip on top of the ppp, so that its clip hands face to the front and back.

Step 78.2

Attach the handle of 1 black bar holder with handle to the ppp, so that its hole faces to the top.

Step 78.3

Insert one end of 1 flat silver hose into the ppp.

Step 78.4

Slide 1 red 2L technic axle connector onto the opposite end of the ppp. Then, insert 1 yellow 5L axle into the ppp.

Step 78.5

Slide 1 black 2L technic pin round connector onto the ppp. Then, slide 1 black bushing onto the yellow 5L axle, so that the axle protrudes by 1L.

Step 78.6

The sub-build is complete. Insert the protruding yellow axle into the front-facing axle connector from the previous sub-build. Then, attach the bottom-facing end of the sub-build's megaphone to the 2nd column from the left on the 2nd row from the back. Note that this will cause the hose to bend.

Step 79

Place 2 red 1x1 bricks with clips, one to the right of the other, on the 2 rightmost columns on the 2nd row from the back, so that their clips face to the front. Then, place 1 red 1x2 tile on top of the 2 ppps.

Step 80

Attach 1 flat silver wrench and 1 black crowbar to the clips of the 2 red 1x1 bricks with clips from the previous step. The vehicle platform is complete.

Group 20 – Toads' control station

Step 81

Let's begin building the Toads' control station. Place 1 yellow 2x10 plate horizontally in front of you. Then, place 1 blue 1x2 brick vertically on the leftmost column of the ppp.

Step 82

Place 1 light bluish gray 1x1 brick with clip on the front right corner of the 2x10 plate, so that its clip faces to the right. Then, place 1 blue 1x1 brick behind the ppp.

Step 83

Grab 2 blue 2x3 slope bricks. Rotate the first one so that it slopes to the back. Place its back row to the left of the ppp, so that it overhangs to the back by 2 rows. Take the second one and repeat symmetrically on the left.

Step 84

Locate 2 blue 1x2 bricks. Rotate the first one vertically. Place its back row to the right of the front row of the ppp. Take the second one and repeat symmetrically on the right.

Step 85

Find 2 white 2x4 plates. Rotate the first one horizontally. Place its leftmost column on top of the ppp. Take the second one and repeat symmetrically on the left.

Step 86

Grab 2 transparent light blue 1x2x2 panels. Place the first one horizontally on the back row of the ppp, so that it is centered horizontally and its flat wall faces to the back. We need to apply sticker 3 (a blue computer screen with the schematic of a horn) to the back of the ppp. Take the second one and repeat symmetrically on the right. We need to apply sticker 4 (a blue computer screen with the schematic of an engine) to the back of the ppp. Ask a sighted friend to make sure that the stickers are applied and oriented correctly.

Step 87

Rotate the build so that the 2x3 bricks slope to the front. Then, place 1 white 1x2 jumper plate on top of each of the 2 ppps.

Step 88

Place 1 yellow 1x1 tile with upright clip on top of the left jumper plate from the previous step, so that its clip hands face to the back left and to the front right. Attach 1 bright light orange lightsaber hilt to the ppp, so that its thick end faces to the front left. Attach 1 red bucket to the thick end of the ppp. Then, attach 1 black technic ball to the opposite side of the lightsaber hilt.

Step 89.1

We need to assemble a small sub-build for an engine model. Place 1 black 2x2 round plate with axle hole in front of you.

Step 89.2

Locate 2 light bluish gray 1x2 hinge bricks. Place the first one vertically on the rightmost column of the ppp, so that its flat wall faces to the left. Take the second one and repeat symmetrically on the left.

Step 89.3

Attach 1 dark bluish gray 1x2 plate with hinge bar underneath to each of the 2 ppps, so that they are angled slightly to the top.

Step 89.4

Insert the thin bars of 4 dark bluish gray 1x1 round tiles with upright thin bar into the hollow studs of each of the 2 ppps.

Step 89.5

Locate 2 dark bluish gray 1x2 round plates with open studs. Attach the first one vertically upside down to left column of antistuds. Take the second one and repeat symmetrically on the right.

Step 89.6

Find 2 transparent orange small flames. Insert the first one vertically upright into the front row of the ppp, so that its flames face to the left and right. Take the second one and repeat symmetrically on the left. Grab 2 transparent red and yellow large flames. Insert the first one vertically upright behind the ppp, so that its flames face to the left and right. Take the second one and repeat symmetrically on the right.

Step 89.7

The sub-build is complete. Attach it to the top of the jumper plate located on the 2nd and 3rd columns from the right on the 2nd row from the back.

Put the control station build to the side for now.

Group 21 – Toads' control station (continued)

Step 90.1

We need to assemble two identical sub-builds. You can choose to build them simultaneously or one at a time. Let's begin with the first one. Place 1 light bluish gray 2x6 plate vertically in front of you. Then, place 1 light bluish gray 4x4 rounded tile with studs on perimeter on top of the 3 front rows of the ppp, so that it is centered horizontally and the 2x6 plate has 3 exposed rows on the back.

Step 90.2

Place 1 white 4x4 turntable with circular locking on top of the ppp.

Step 90.3

Place 1 yellow 4x4 round plate on top of the ppp.

Step 90.4

Locate 2 white 1x2 jumper plates. Place the first one vertically on top of the leftmost column of the ppp. Take the second one and repeat symmetrically on the right.

Step 90.5

The sub-build is complete. Bring back the control station build, so that its 2x3 slope bricks overhang to the front. Place the 2 back rows of the sub-build under the overhang of the left 2x3 slope brick.

Step 90.6

If you decided to assemble the sub-builds separately, build a second one by repeating steps 90.1 to 90.4. Attach it symmetrically on the right.

Step 91

Place 1 white 2x2 tile with engine pattern between the 2 jumper plates from the previous sub-build. Then, place 1 white 2x2 tile with horn pattern symmetrically on the left. Ask a sighted friend to make sure that the tiles are placed and oriented correctly.

Step 92

Lastly, rotate 1 light bluish gray 1x2 rounded brick with hollow studs and open center with bar horizontally. Attach its right bar to the left-facing clip on the back row of the control station.

Book 1, bag 5:

Group 22 – Blue Toad with Pit Crew Uniform

Pages 85-87. Place 1 red 2x2 round plate with 2 feet in front of you, so that its feet face to the front. Then, place 1 blue 2x2 round plate with axle hole on top of the ppp. Next, place 1 blue 2x2 round brick with pin holes on opposite sides with printed crew uniform on top of the ppp, so that its pin hole face to the left and right. Insert the pin of 1 blue arm with yellow hand into each of the 2 holes of the ppp, so that the hands face to the front. Continue by placing 1 light bluish 2x2 brick with Toad face pattern on top of the minifigure's body. Place 1 lime 1x2 jumper plate horizontally on the back row of the ppp. Then, place 1 bright pink 1x1 round tile on top of the ppp. Next, place 1 light bluish gray 1x2 hinge base horizontally in front of the ppp, so that its flat wall faces to the front. Rotate 1 reddish brown 2x2 plate with hinge bar underneath so that its hinge bar is to the front. Attach it to the ppp and angle it down as far as possible. Place 1 white 2x2 round plate with axle hole on top of the ppp. Attach 1 blue hollow cube with 2x2 studs on top, printed white strips and Toad logo to the ppp. Lastly, place 1 blue 2x2 round tile on top of the ppp.

Ask a sighted friend to make sure that the printed elements (the torso, the face, and the head) are oriented properly.

Group 23 – Tire station

Step 1

Let's build the tire station. Place 1 light bluish gray 2x14 plate horizontally in front of you. Find 2 white 1x2 inverted half arches. Place the first one vertically on the front right corner, so that it slopes to the back and it overhangs to the front by 1 row. Take the second and repeat symmetrically on the back.

Step 2

Place 1 blue 1x8 tile horizontally to the left of the front row of the ppp.

Step 3

Grab 2 white 1x2 inverted half arches. Place the first one vertically to the left of the ppp, so that it slopes to the front and it overhangs to the back by 1 row. Take the second and repeat symmetrically on the front.

Step 4

Locate 4 blue 1x1 plates with 1x1 upright studs. Place one under the overhang of each of the 2 ppps, so that their side studs face to the left. Take the remaining 2 and repeat symmetrically on the right. Then, attach 1 black 1x1 round tile to the side studs of each of the 4 ppps.

Step 5

Place 1 yellow 1x2 tile vertically on the 4th column from the left. Then, place 1 light bluish gray 4x4 tile with studs on perimeter to the left of the ppp, so that it is centered vertically.

Step 6.1

We need to assemble 2 identical sub-builds for the tire stand. You can choose to build them simultaneously or one at a time. Let's begin with the first one. Place 1 black 10L axle horizontally in front of you.

Step 6.2

Find 2 white 1x1 bricks with axle hole. Slide the axle hole of the first one onto the left end of the ppp, so that the axle is flush with its left side. Take the second one and repeat symmetrically on the right.

Step 6.3

The sub-build is complete. Place its 1x1 bricks on top of the 1x2 inverted half arches located on the back row.

Step 6.4

If you decided to assemble the sub-builds one at a time, build a second one by repeating steps 6.1 and 6.2. Place it symmetrically on the front.

Step 7

Grab 4 yellow 1x1 plates with 1x1 curved slope tile. Rotate the first one vertically so that it slopes to the front. Place its front row on top of the front right corner. Take the second one and place it symmetrically to the back. Take the remaining 2 and place them symmetrically on the left of the tire stand.

Step 8

Locate 2 yellow 1x2 tiles. Place the first one vertically on the rightmost column, so that it is centered vertically. Take the second one and repeat symmetrically on the left of the tire stand.

Group 24 – Tire station (continued)

Step 9

Find 2 blue 1x2 bricks. Place the first one vertically on the 4th column from the left, so that it is centered vertically. Take the second one and repeat symmetrically on the right.

Step 10

Place 1 white 1x2x3 brick vertically on top of each of the 2 ppps.

Step 11

Rotate 1 white 4x4 double inverted slope with recessed 2x4 with holes so that it slopes to the front and back. Place it on top of the 2 ppps. Then, place 1 blue 1x4 plate horizontally on top of the back row of the ppp.

Step 12

Grab 2 white 1x2 bricks. Place the first one vertically in front of the rightmost column of the ppp. Take the second one and repeat symmetrically on the left.

Step 13

Locate 2 white 1x2 plates with 2x2 upright side studs. Rotate the first one horizontally, so that its side studs face to the front. Place its leftmost column in front of the ppp. Take the second one and place it horizontally to the right of the ppp, so that its side studs face to the front.

Step 14

Place 1 yellow 4x4 plate on top of the 2 ppps, so that it also attaches to the 2 vertical white 1x2 bricks and the horizontal blue 1x4 plate.

Step 15

Attach 1 white 2x3 plate horizontally upright to the 3 leftmost columns of front-facing side studs. Attach 1 yellow 1x1 plate to the right of the bottom row of the ppp. Lastly, attach 1 white 1x1 plate with clip above the ppp, so that its clip faces to the top.

Step 16

Attach 1 white 2x4 tile horizontally upright to the front-facing side studs.

Step 17

We need to apply sticker 6 (a red rectangle with a small print with Toad's head) to the ppp. Ask a sighted friend to make sure that the sticker is applied and oriented correctly.

Step 18

Attach the handle of 1 black walkie talkie to the up-facing clip, so that its antenna faces to the left.

Group 25 – Tire station (continued)

Step 19

Grab 2 black large wheels and place them in front of you, so that their recessed sides face to the top. Attach 1 white 2x2 round plate with axle hole to the recessed side of each of the 2 ppps. Then, attach 1 yellow 2x2 round tile to each of the 2 ppps. Lastly, we need to apply sticker 2 (a yellow circle with a black contour and a black cross in the middle) to each of the 2 ppps. Ask a sighted friend to make sure that the stickers are applied and oriented correctly.

The large tires are complete. Place them vertically upright on top of the left side of the wheel stand.

Step 20

Grab 2 black small wheels and place them in front of you, so that their recessed sides face to the top. Attach 1 white 2x2 round plate with axle hole to the recessed side of each of the 2 ppps. Then, attach 1 yellow 2x2 round tile to each of the 2 ppps. Lastly, we need to apply sticker 2 (a yellow circle with a black contour and a black cross in the middle) to each of the 2 ppps. Ask a sighted friend to make sure that the stickers are applied and oriented correctly.

The small tires are complete. Place them vertically upright on top of the tire stand, to the right of the large tires.

The build is complete! You can arrange the vehicle platform, control station, and tire station as you wish. You can place the B Dasher on top of the vehicle platform and raise it by flipping the lever. Moreover, feel free to pose the Toads in any of the locations, including driving the B Dasher. As advertised at the end of the instructions, if you have any of the interactive figures (Mario, from set 71439; Luigi, from set 71440; or Peach, from set 71441), you can place them on top of any of the tiles with code so that they can produce matching sounds.

At the end of the instructions you will also find a page advertising 6 other Mario Kart sets: 72031 (Yoshi Bike), 72032 (Standard Kart), 72033 (Donkey Kong & DK Jumbo), 72034 (Baby Mario vs Baby Luigi), 72035 (Toad's Garage, this set), and 72036 (Baby Peach & Grand Prix Set). Afterwards, you will find the set inventory and on the last page you will find an invitation to share feedback.

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 is 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!