

## **60451 Emergency Ambulance**

Adapted by John Le and tested by Jolene Nemeth.

Action-packed rescue missions await with this LEGO® City Emergency Ambulance toy (60451) for ages 5 and up. Kids can fold up the side panels and open the rear doors for easy access to the onboard stretcher and medical equipment, including a toy syringe, bandage and medic bag. The set also includes a skateboard and skate ramp setting, plus skateboarder and paramedic minifigures for fun role play and storytelling.

Ambulance toy for ages 5 and up – The LEGO® City Emergency Ambulance playset comes equipped with lots of realistic features for exciting rescue adventures.

What's in the box? – Includes everything kids need to build a toy ambulance, plus a skate ramp setting and skateboarder and paramedic minifigures for role play.

Just like the real thing – Kids can fold up the side panels of the ambulance and open the rear doors to access the onboard stretcher and medical kit.

LEGO® minifigure accessories –This ambulance truck building set comes with fun accessories for pretend play, including a toy LEGO syringe, bandage and medic bag.

Dimensions – The ambulance in this 184-piece LEGO® City set measures over 3 in. (7 cm) high, 5.5 in. (14 cm) long and 2 in. (6 cm) wide.

The front of the box shows the ambulance parked inside of a skate park! The medic is wheeling a skater with a broken arm up the ramp with a gurney!

The back of the box shows the ambulance parked next to a skate park. The medic is sitting in the ambulance watching the skater!

The top of the box shows a real size image of the medic!

The build is 184 pieces in total and is for ages 5+.

Bag 1 includes the pieces for the medic and the ambulance.

Bag 2 includes the pieces for the skater, ramp, gurney, and ambulance trailer.

Welcome to text-based instructions from Bricks for the Blind. Before you start building, here are some terms we'll be using:

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back
- Horizontally: with the longest side going from left to right.
- Upright: pointing up towards the ceiling.
- Standing upright: The piece is perpendicular to the ground, like a wall.

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

For builders with low vision, or a sighted building partner may want to follow along with the printed visual instructions that come with each kit, or PDF versions are always online at LEGO.com for each set: (<https://www.lego.com/en-us/service/buildinginstructions/60451>) As low vision users may benefit from viewing the instructions on a personal device where they can zoom in on content and use assistive technologies to enhance the visuals.

Sorting the pieces:

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

This LEGO set comes with 2 bags labeled 1 and 2, 2 sets 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.

The steps in this set correspond to page numbers.

Bag 1 - Medic and Ambulance

Group 1 - Pages 8-9.

Group 2 - Pages 10-15 and 1 teal 1x6 tile from Steps 16-17.

Group 3 - Rest of Steps 16-17, and Steps 18-23, and 1 bright yellow 1x6 tile from Steps 24-25.

Group 4 - Rest of Steps 24-25 and Steps 26-31, and 2 teal 1x6 tiles from Steps 32-33.

Group 5 - Rest of Steps 32-33 and Steps 34-35.

Group 6 - Steps 36-61.

Group 7 - Steps 62-81.

Bag 2 - Skater, Ramp, Gurney, and Ambulance Trailer

Group 8 - Pages 4-5.

Group 9 - Pages 6-7.

Group 10 - Pages 8-29.

Group 11 - Pages 30-51.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Medic

8-9. Locate 1 teal pair of legs printed with pockets, 1 yellow and teal torso printed with a vest, 1 yellow head printed with eyes and a shaved beard, and 1 black hair. Assemble your minifigure then put him away while we make the ambulance!

Group 2 - Ambulance

10-11. Horizontally place a black 4x14 car base with 4 axle holes in front of you. Then insert 2 tan 2L pin axles into the front-facing holes so the pins face the front. Then repeat symmetrically to the back.

12-13. Horizontally place a white 1x6 plate on the back row so it is centered horizontally. Then repeat symmetrically to the front. Now horizontally place a light blue 2x4 plate on the 2nd, 3rd, 4th, and 5th columns from the right.

14-15.1. Let's make a part for the back end of the ambulance! Horizontally place a teal 2x6 plate in front of you. Then horizontally place a light grey 1x2 grill tile on the back row so it is centered horizontally.

14-15.2. Horizontally place a teal 1x2 brick on the front left corner. Then place a teal 2x2 inverted slope brick behind it so it slopes and overhangs to the back. Now repeat both parts symmetrically to the right. Then vertically place a light grey 2x6 brick on the front row so it is centered horizontally and overhangs 5 rows to the front.

You will have an extra teal 1x6 tile. Save it for later!

Group 3 - Ambulance

16-17. Rotate your part 90 degrees clockwise so the 2x6 brick overhangs to the left. Then vertically place 2 black 2x3 plates, 1 in front of the other, on the 2nd and 3rd columns from the right so they are centered vertically. Now vertically place a transparent red 1x2 plate on the back right corner. Then repeat symmetrically to the front. Now vertically place a bright yellow 1x6 tile on the rightmost column and 3rd column from the right so they are centered vertically. Then vertically place a teal 1x6 tile from group 2 in between them so it is centered vertically.

18-19. Horizontally place the overhang of your part on the 5 rightmost columns of your main build so it is centered vertically.

20-21. Vertically place a transparent red 1x2 plate on the rightmost column so it is centered vertically. It should be to the left of the 1x6 tiles! Then horizontally place a light blue 2x4 plate to the left.

22-23. Horizontally place a teal 1x4 brick with a mudguard on the front row to the left of the 1x6 tiles so the mudguard overhangs to the front. Then repeat symmetrically to the back.

You will have an extra bright yellow 1x6 tile. Save it for later!

#### Group 4 - Ambulance

24-25. Vertically place a teal 1x6 tile on the rightmost column to the left of the 1x6 tiles so it is centered vertically. Then vertically place a dark grey 2x4 tile with 2 studs to the left so it is centered vertically. Then vertically place a bright yellow 1x6 tile from group 3 to the left so it is also centered vertically.

26-29. Horizontally place a teal 2x6 plate on the front row to the left of the ppp so 1 row overhangs to the front. Then horizontally place a teal 1x6 brick underneath the overhang. Now repeat both parts symmetrically to the back.

30-31. Horizontally place 2 black 2x3 plates, 1 to the right of the other, on top of the front 2x6 plate from the previous step. Then repeat symmetrically to the back.

You will have 2 extra teal 1x6 tiles. Save them for later!

#### Group 5 - Ambulance

32-33. Vertically place a teal 1x6 tile from group 4 to the left of the 1x6 tile that is to the left of the 2x4 tile with 2 studs so it is centered vertically. Then vertically place a bright yellow 1x6 tile to the left so it is centered vertically. Then vertically place a teal 1x6 tile to the left so it is also centered vertically.

34-35. Vertically place a magenta 1x2 brick on the leftmost column so it is centered vertically. Now horizontally place a teal 1x4 brick with a mudguard on the front left corner so the mudguard overhangs to the front. Then repeat symmetrically to the back.

#### Group 6 - Ambulance

36-37. Vertically place a bright yellow 1x2 plate on the front 2 rows and back 2 rows to the left of the leftmost 1x6 tile. Then vertically place a teal 1x6 tile to the left so it is centered vertically. Now vertically place a bright yellow 1x2 plate on the front 2 rows and back 2 rows to the left. Then vertically place a teal 1x6 tile to the left so it is centered vertically. Now vertically place a dark grey 2x4 tile with 2 studs to the left so it is centered vertically.

38-39. Vertically place a teal 1x2 plate with 2x6 side studs hanging down on the leftmost column so it is centered vertically and the side studs face the left.

40-41. Let's make a part! Let's make the lights and front grill of the car! Horizontally place a light blue 2x4 plate in front of you. Then place a transparent blue 1x1 round tile on the back left and back right corners. Then horizontally place a black 1x2 ingot tile on the back row in between the round tiles. Now horizontally place a teal 1x4 tile with 2 studs on the front row.

42-43. Horizontally place your part upright on the left-facing side studs so it is centered vertically and the 1x1 round tiles are on top.

44-45. Vertically place a teal 1x2 slope tile upright on the front left-facing side studs so it slopes to the front. Then repeat symmetrically to the back.

46-47. Let's make a part! Let's make the headlights and front end of the car! Horizontally place a yellow 2x6 plate with a rounded side in front of you so the rounded side faces the front. Now horizontally place a teal 1x4 tile with 2 studs on the back row so it is centered horizontally. Then horizontally place a black 1x4 rounded plate on the front row so it is centered horizontally. Now vertically place a transparent 1x2 tile with a cutoff corner on the leftmost column so the cutoff corner faces the front left. Then repeat symmetrically to the right.

48-49. Vertically place your part on the leftmost column so it is centered vertically and the 1x4 rounded plate is on the left.

50-51. Place a black 6x6 plate to the right of the ppp so it is centered vertically.

52-53. Vertically place a white 1x6 plate on the rightmost column of the black 6x6 plate so it is centered vertically.

54-55. Vertically place 2 white 1x6 plates, 1 to the right of the other, on the 2 leftmost columns of the 6x6 plate so they are centered vertically.

56-57. Horizontally place a white 1x3x1 door on the front row in between the previous 1x6 plates so it opens to the front and the stud is on the left. Then repeat symmetrically to the back.

58-59. Place a white 2x2 plate on the front 2 rows to the left of the door. Then repeat symmetrically to the back. Now vertically place a transparent red 1x2 plate in between the rightmost column of the 2x2 plates.

60-61. Vertically place a light grey 1x2 slope tile printed with speedometers on top of the previous 1x2 plate so it is centered vertically and slopes to the right.

62-63. Vertically place a black 1x2 plate with a hinge on the short side in front and behind the ppp so the hinges face outwards to the front and back.

64-65. Vertically place a light grey 1x2 steering wheel to the right of the 1x2 slope tile so it is centered vertically and the wheel faces the right.

66-67. Horizontally place a white 2x3 sloped curved brick on the 3 leftmost columns so it is centered vertically and slopes to the left.

68-69. Horizontally place a white 2x3 angled sloped curved brick on the front 2 rows in front of the ppp so it slopes to the left and the short end is in the front. Then repeat symmetrically to the back.

70-71. Vertically place a transparent blue 3x6x2 windshield on top of the 1x2 plates with hinges so it slopes to the left, is centered vertically, and 1 column overhangs to the left. Then vertically place a white 1x6x3 curved panel to the right of the 1x3x1 doors so it is centered vertically and the wall faces the right.

72-73. Place a transparent blue 1x1 round tile on top of the front and back studs of the previous windshield.

74-75. Let's make a part! Let's make the roof of the ambulance! Horizontally place a white 4x6 car hood in front of you so it slopes to the front. Then horizontally place an orange 1x4 plate on the back row so it is centered horizontally. Then place a white 2x2 sloped curved tile printed with a light blue star on top of the 1x4 plate so it is centered horizontally and slopes and overhangs to the front. Then place a white 2x2 corner sloped curved tile to the left and right so they slope outwards to the front left and front right. Now horizontally place a black 1x4 rounded plate underneath the front row so it is centered horizontally.

76-77. Vertically place your part on top of the windshield and 1x6x3 curved panel so it is centered vertically and slopes to the left.

78-79. Let's make 4 identical parts! Let's make the tires! Place a black tire in front of you so the anti-stud faces up. Then place a black 2x2 dish on top.

80-81. You should have 4 tires now! Attach 2 wheels to the front-facing pins underneath the mudguards so the dishes face the front. Then repeat symmetrically to the back. Now put your ambulance away so we can make the rest!

Building Instructions (Bag 2, Book 2):

Group 8 - Skater

4-5. Locate a dark grey pair of legs printed with yellow drawstrings, 1 purple torso printed with magenta bag straps, 1 yellow head printed with eyes and a grin, 1 white cast, and 1 orange helmet with tan hair. Assemble your minifigure then put her in front of you. Now attach 2 black sets of wheels underneath a purple skateboard. Then place your minifigure on top of it! Now put her away while we make the ramp!

Group 9 - Ramp

6-7. Vertically place a green 2x4 plate in front of you. Then horizontally place a black 1x2 tile with a rounded fence on the back row. Now horizontally place 2 light grey 2x3 sloped curved bricks, 1 to the right of the other, in front so they slope and overhang outwards to the left and right. Then place a dark green 1x1 plate with 3 leaves on the front left corner so the leaves face the front. Now place a red 1x1 round flower plate on top. Now put your ramp away while we make the ambulance trailer!

Group 10 - Ambulance Trailer

8-9. Horizontally place a black 6x10 plate in front of you. Then vertically place a white 1x2x2 brick on the front left corner. Then repeat symmetrically to the back.

10-11. Horizontally place a short white 1x2 panel on the front row to the right of the 1x2x2 brick so the wall faces the back. Then horizontally place 2 white 1x2 grill tiles, 1 to the right of the other, to the right of the ppp. Now repeat everything symmetrically to the back.

12-13. Place a light grey 2x2x3 brick on the 2 leftmost columns so it is centered vertically. Then horizontally place a short white 1x2 panel on the front row to the right of the grill tiles so the wall faces the back. Then repeat symmetrically to the back.

14-15. Vertically place a teal 1x2 brick on the leftmost column so it is centered vertically. Then vertically place a white 1x2x2 brick in front and behind it. Now place 2 light grey 1x1 bricks with a clip, 1 in front of the other, to the right of the 1x2 brick so the clips face front and back.

16-17. Vertically place a white 1x6 plate on the leftmost column so it is centered vertically. Then vertically place a transparent yellow 1x2 plate to the right so it is centered vertically. Now attach a light blue needle to the back-facing clip so the thinner part faces down.

18-19. Vertically attach the bar of a red 1x2 plate with a bar on the long side to the front-facing clip so the studs are on the right. Then vertically place a white 1x2 tile printed with a light blue star upright on it. This is a medic kit!

20-21. Vertically place a sand blue 1x4x3 window frame on the 2nd column from the right so it is centered vertically. Then vertically place a white 1x4 tile with 2 studs on top so it is centered vertically.

22-23. Vertically place a white 1x3x3 door on the front right corner so the stud is in the front and it opens to the right. Then repeat symmetrically to the back. Now vertically place a white 1x6 plate on top so it is centered vertically.

24-25. Horizontally place a light grey 4x10 plate on top so it is centered vertically and horizontally. Then vertically place a transparent blue 1x2 tile on the leftmost column so it is centered vertically. Then repeat symmetrically to the right. Now horizontally place 2 black 2x4 tiles, 1 to the right of the other, in between the 1x2 tiles so they are centered vertically.

26-27. Horizontally place a black 1x6 plate in front of the 2x4 tiles so it is centered horizontally. Then place a black 1x1 plate with a clip to the left and right so the clips face the front. Now repeat everything symmetrically to the back.

28-29. Horizontally place a bright yellow 1x6 tile on top of the previous front 1x6 plate so it is centered horizontally. Then horizontally place a bright yellow 1x2 sloped curved tile to the left and right so they slope outwards to the left and right. Then repeat everything symmetrically to the back.

#### Group 10 - Ambulance Trailer

30-31. Place a transparent blue 1x1 slope tile on the front left corner so it slopes to the front. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

32-33. Let's make 2 identical parts! Let's make the sides of the ambulance trailer! Vertically place a black 4x6 plate with 2 bars in front of you so the bars face the back.

34-35. Vertically place a white 2x4 tile on the 2 leftmost columns so it is centered vertically. Then place a white 4x4 tile printed with a light blue star to the right so 2 columns overhang to the right.

36-37. Vertically place a black 4x6 plate with 2 bars underneath the overhang so it is centered vertically and the bars face the back.

38-39. Vertically place a white 2x4 tile to the right of the 4x4 tile so it is centered vertically.

40-41. Horizontally place 2 white 1x4 tiles with 2 studs, 1 to the right of the other, on the front row so they are centered horizontally.

42-43. Horizontally place a white 1x2 grill tile on the front row so it is centered horizontally.

44-45. Now you should have 2 identical parts! Horizontally attach the bars of 1 part to the front-facing clips so the tiles face the front. Then repeat symmetrically to the back.

46-47. Let's make a stretcher! Horizontally place a white 2x6 tile with 4 studs and 2 long bars upside down in front of you! Then vertically place a teal 1x2 plate on the leftmost column. Then vertically place a black 1x2 plate with a hinge underneath on top. Then repeat both parts symmetrically to the right. These hinges are the wheels of the stretcher!

48-49. Open the right-facing doors of the ambulance trailer then place the stretcher inside. Now close the doors!

50-51. Bring back your ambulance and horizontally place it in front of you so the front end of the ambulance faces the left. Now horizontally place your trailer on top of the right side so it is centered vertically and the doors open to the right.

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](mailto:info@bricksfortheblind.org) and together we will make it happen!

Please [signup](#) for our newsletter and follow us on [Facebook](#) and [Instagram](#) to be the first to know when new instructions are available!

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At the end of the instruction booklets are advertisements for the following 7 LEGO CITY Theme kits:

60450 Yellow Construction Wheel Loader

60463 Fire Ladder Truck

60461 Red Farm Tractor with Trailer & Sheep

60451 Emergency Ambulance

60448 Red Sports Car

60452 Donut Truck

60453 Lifeguard Beach Rescue Truck