

60483 Rides – Construction Loader

Set adapted by Mikayla Jones and tested by Hannah Kinsey.

Lay the foundations for exciting building adventures with the LEGO® City Rides – Construction Loader (60483) mini building kit for kids aged 5 and up. This compact, easy-to-build truck toy offers young builders a fun introduction to the world of LEGO City. Details include rubber tires, driver's cab, front loader bucket and a backhoe fitted with a hook. The set includes a construction worker junior minifigure that fits perfectly in the driver's cab for hours of pretend play. Set contains 61 pieces.

Dimensions – The toy construction loader in this 61-piece LEGO City Rides building kit measures over 2.5 in. (6 cm) high, 6 in. (15 cm) long and 2 in. (5 cm) wide.

The front of the box shows the construction loader zooming forward. The junior minifigure is wearing a helmet and smiles out from the drivers' seat. The background is construction orange with doodles of construction themed items like a jackhammer and construction cone.

There is also a “WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.”

The top of the box shows the loader from another angle which reveals an elephant logo on top.

The left side of the box shows an industrial garage door partially open with just the bucket visible, as though it is emerging from the garage.

The back of the box shows the loader with some pieces removed, and the minifigure standing next to the loader – they look very small compared to the big machinery! Also on the back of the box, on the right side, there is a lightly perforated semicircle with a finger pressing down, showing an easy way to open the box.

The build is 61 pieces total and is for ages 5+.

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 who may want to follow along with the printed visual instructions that come with each set, PDF versions are always online at [<https://www.lego.com/en-us/service/building-instructions/60483>]: 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.

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.

The box contains five items: the paper instructions, the transparent windscreen, the digger bucket, and two unnumbered bags of bricks. The paper instructions have the junior minifigure on a progress bar across the bottom, showing the percentage towards the set being complete.

Note that in this set, the bags are not numbered. In order to sort by group, you will need pieces from both bags.

Group 1 – Pages 5-13 and the black mudguard from page 14.

Group 2 – Pages 14-47

Group 3 – Pages 48-60

Let's build!

Group 1

5. First, we'll make our driver. Locate the reddish orange minifigure body and the head with red helmet. Place the head on the body, and set this aside for later.

6-7. Locate the dark gray 2x8 plate and place it horizontally in front of you.

8-9. Locate two black mudguard 2x4 plates with arches. These are 2x4s which are raised on both short ends and have arches on both short ends. Place the first one horizontally on the left half of the ppp, and the second one horizontally on the right half of the ppp. The ppp is now covered by the two mudguards.

10-11. Find two light gray 2x4 plates with pins. Place these vertically, centered in the recesses of the previously placed mudguards.

12-13. Find the black mudguard 2x4x2 brick with wheel arch. Orient it horizontally with the wheel arch facing the back. Place it in the back right of your structure so that the wheel arch straddles the back right axel, and the four anti-studs all connect with your existing structure. The right angle on the bottom of your piece should fit up against your existing structure without a gap.

Group 2

14-15. Locate the remaining black mudguard 2x4x2 brick with wheel arch from the previous group. Place it symmetrically to the ppp, so the arch straddles the front right axel. Next, locate the two bright light orange mudguard 2x4x2 bricks with wheel arch. Place the first on the back left of your structure, as you did in the previous step. Place the second symmetrically on the front left of your structure.

16-17. Locate two white 1x1 tiles printed with red chevron. Place the first tile on the back right stud. Place the second tile on the front right stud. Next, find one dark gray 1x2 plate with ball joint. Orient the ball joint piece vertically with the ball joint facing right. Place that directly between the two tiles you just placed.

18-19. Locate a dark gray 2x4 plate and two red 2x2 plates. Orient the 2x4 plate vertically and place it vertically at the center of your structure. Put the first red 2x2 to its right, centered vertically. Place the other red 2x2 symmetrically, so it is vertically centered, directly to the left of the 2x4 plate.

20-21. Place your current structure to the side, as we make a new part! First, find the dark gray 1x2 plate with 2x4 side studs hanging down. Orient it horizontally so that the 2x4 portion is facing up and the 1x2 portion is in the back. Next, find a black hinge plate 2x2 with top finger. Place it on top of the ppp centered horizontally, with the studs towards the back and the finger towards the front. Next, find the bright light orange 4x1 double sloped curved tile. Place it horizontally on the back of your structure. Next, find two bright light orange 1x1 slope tiles. Place one in the front left corner of your structure so that the slope is sloping downward to the left, following the slope of the ppp. Place the other slope symmetrically on the bottom right stud of your structure, so that the slope is sloping to the right, again following the curve of the 4x1 sloped piece.

22-23. Take the part you just made, and rotate it so that the finger is facing left, and the two exposed studs are facing up. We will now attach it to the left side of your previous part. Center it vertically on the left side of the original structure. This is the front bumper of your loader!

24-25. Find two dark gray 1x1 plates. Put one in the back left of your structure, and one in the front left of your structure. Now, we have a fairly flat surface to continue building on.

26-27. Locate one bright light orange 1x4 plate with two studs. The studs are on the outer ends of the piece you're looking for, with smooth tile in the middle. Orient this piece vertically, and place it on the left of your structure. Next, find two bright light orange 1x3 plates. Orient the first one horizontally and put it in the back of your structure, directly to the right of the previously placed 1x4. Orient the second one horizontally as well, and put it on the front of your structure directly to the right of the previously placed 1x4.

28-29. Locate a light gray vehicle console with a black steering wheel. Orient it vertically with the wheel on the right. Place it on the left of your structure, centered vertically. It should be directly to the right of the 1x4 plate with two studs you placed in the previous step. Next, locate a light gray 2x2 plate with a center stud. Place it to the right of the steering wheel.

30-31. Find two black 1x2 slopes. Your structure currently has a higher half on the left and a lower half on the right. Looking just at the lower half, place the first slope on the front left of that lower half with the slope sloping to the left. Take the other slope and place it in the back left of your shorter half, again with the slopes lower part to the left.

32-33. Find one light gray 2x3 brick. Place it horizontally between the two previously placed slope pieces, with the left edge of the brick aligning with the left side of the slope pieces. Great job, the minifigure progress bar has now reached the halfway point!

34-35. Find one black 1x2 rounded plate. Place it vertically on the leftmost studs of the ppp. Next, find two black 2x2 facet bricks. These have a right angle on the interior and a slope on the exterior. Place the first in the back right of your structure, such that the right angle of the facet fits with the 2x3 brick you placed in the previous step. Place the other symmetrically so that it fits with the front right corner of the 2x3.

36-37. Next, find two bright light orange inverted slope 1x2 bricks. Place them so that their upward slope is against the downward slopes that are already on your structure. There is a very small gap between the two slopes.

38-39. Locate the black 3x4x0.7 wedge with recess. The top of this piece is smooth and sloped with two recessed studs. Also locate a dark gray 1x2 grille. Place the grille inside the two studs on top of the wedge. Now align the piece vertically with the curve to the right, and place it on the right of your structure.

40-41. Locate a bright light orange 1x4 brick and place it vertically to the left of the grille piece. Also find two bright light orange 1x1 slopes. Put them directly to the left of the ppp with the downward part of the slope pointing to the left (away from the ppp).

42-43. Locate another bright light orange 1x4 brick and place it vertically on top of the 1x4 from the previous step.

44-45. Next, we'll place our driver! Place the minifigure between the steering wheel and back wall, facing left. I hope this tiny minifigure is old enough to drive!

46-47. Locate a dark gray 1x2 grille and orient it vertically. Center that vertically on the exposed 1x4 at the highest point of your structure. Locate the transparent windscreen 3x4x3. Place it on the left of your structure so that it wraps around your steering wheel and minifig.

Group 3

48-49. Find the bright light orange 4x4 curved wedge printed with an elephant's head. There are two studs on top of this piece. Place it on top of the structure so that the curve of the wedge is to the left, and sits on top of the windscreen. Next, find a transparent orange 1x1 hemisphere. Place it on the back stud of the ppp.

50-51. Set your structure aside while we make the wheels! Find the four dark gray wheels with black tires, and four dark gray round tiles with a hole in the middle. Take a tire and feel the two sides. Place the tire so that the side that sticks out less is up. Take one of your round tiles and place it inside the tire, so now it feels smooth with the edge of the tire. Repeat this for the other three tires.

52-53. Place your four tires on the four exposed pins of your existing structure. It can now easily roll back and forth!

54-55. Put your vehicle to the side while we make another part. First find a black 1x4 plate and place it horizontally in front of you. Then find two light gray 1x2 plates with a ball joint socket on one of the short ends. Place the first one horizontally on the right of your 1x4 so that just the socket overhangs on the right. Place the second one opposite, so that the socket overhangs on the left. Next, find a bright light orange 1x4 plate with two studs. Place it horizontally on top of the previously placed pieces. Then find a reddish orange 1x3 hook with towball. Snap it in the right joint with the hook facing down.

56-57. Now we'll attach it to your main loader build by snapping the remaining socket on the ball joint on the right of your structure. Angle it upwards by 45 degrees, and then push the hook downwards.

58-59. Find the reddish orange digger bucket 3x6 with hinge. Attach it to the finger on the left of your vehicle with the teeth down. This can rotate up and down!

60. Your build is complete! On this page, the minifigure has reached the end of the progress bar, and celebratory stars explode from the picture of your completed loader.

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.

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At the end of the instructions, there's an ad for four LEGO City Rides theme builds:

60481 - Police Truck

60482 - Fire Truck

60484 - Gaming Race Car

60483 - Construction Loader

Pages 62-23 are an inventory with the part numbers of each brick in the set, along with minifigure with a phone and a link to LEGO.com/service.