77001 Sonic's Campfire Clash
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Adventure and fun await video game fans aged 7 and up in this collectible Sonic's Campfire Clash (77001) building playset. This LEGO® Sonic the Hedgehog™ toy features a campfire area build, speed sphere launcher and speed sphere, plus accessories including a Chaos Emerald and 3 Gold Rings. This video game set also has 4 Sonic character toys: a Sonic minifigure, 'flying' G.U.N. Beetle robot drone, posable G.U.N. Hunter robot figure and a Tocky.

Gaming toy for kids – Treat boys, girls and fans aged 7 and up to this speedy, fun-filled Sonic's Campfire Clash set, which encourages kids to reimagine stories with their favorite Sonic characters.

Sonic collectible playset – This feature-packed toy has a speed sphere launcher, speed sphere, campfire area and 4 Sonic figures: Sonic, a G.U.N. Beetle robot drone, G.U.N. Hunter robot and a Tocky.

Video game set with functions – This LEGO® building set toy boosts the action and fun with a speed sphere launcher that sends the speed sphere, with Sonic inside, zooming at the robot figures.

Nostalgia toy – The set features lots of creative details, including a campfire build with a stick and marshmallow, 3 Gold Rings and a backpack for the G.U.N. Hunter robot figure to carry the Tocky in.

Measurements – This 177-piece video game LEGO® set includes a campfire area interactive toy that measures over 1 in. (2 cm) high, 2.5 in. (6 cm) wide and 2 in. (6 cm) deep.

The front of the box shows a campfire build, a speed launcher, and a sphere so Sonic can run! There is also a robot and a drone that Sonic can knock over when he goes zooming!

The back of the box shows Sonic in his sphere running super fast knocking over the robot and drone and collecting the gold rings!

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

The build is 177 pieces in total and is for ages 7+.

Bag 1 includes the pieces for Sonic, his sphere, the gold rings, and the sphere launcher.

Bag 2 includes the pieces for a drone, robot, and campfire!

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).

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 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.

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/77001) 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.

Bag 1 - Sonic, Sphere, Gold Rings, and Sphere Launcher
Group 1 - Pages 4-6.
Group 2 - Steps 1-6.
Group 3 - Steps 7-27.

Bag 2 - Drone, Robot, and Campfire
Group 4 - Steps 1-11.
Group 5 - Steps 1-5.
Group 6 - Steps 6-7.
Group 7 - Steps 8-12
Group 8 - Steps 13-16 and 1 dark blue 1x1 tile from Step 17.
Group 9 - Rest of Step 17 and Steps 18-19.
Group 10 - Steps 1-12.

Let’s get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Sonic, Sphere, and Rings

Sub-build 1. Locate 1 blue pair of legs printed with white socks and red shoes, 1 blue torso printed with a tan oval on his stomach, 1 blue and tan hedgehog head with spikes and black and green eyes. Assemble your minifigure then put him aside while we make the sphere!

Sub-build 2.1. Place a transparent blue 7x7 half dome in front of you so the pin holes face up. Now insert a black 2L pin into each of the holes.

Sub-build 2.2. Insert your minifigure so his torso is in the gap and his arms face the front and back!

Sub-build 2.3. Attach another transparent blue 7x7 half dome to the 2 ppp. Now put this away while we make the rings!

Sub-build 3. Let’s make 3 identical parts! Place a transparent 2x2 dish in front of you. Then place a yellow ring on top. Now you should have 3 identical parts! These are the rings for Sonic to collect!

Group 1 - Sphere Launcher

1. Let’s make the sphere launcher! Horizontally place a blue 11L lift arm in front of you so the holes face the front and back. Now insert 2 black 2L pins into the 2 rightmost back-facing holes so the pins face the back.

2. Insert a red 1L pin with a ball into the rightmost back-facing hole to the left of the ppp so the ball faces the back. Then skip 1 hole to the left, then insert another 1 into the back-facing hole so the ball faces the back.

3. Horizontally attach the 2 leftmost front-facing holes of a red 3x9 sloped curved lift arm to the 2 back-facing pins so it overhangs 7 columns to the right and slopes to the left.

4. Insert a red 2L axle into the axle hole of the ppp that is on the rightmost column so the axle faces the front. Then insert a blue 2L pin axle into the front-facing hole that is to the left of the ppp so the axle faces the front. Now horizontally attach a black rubber double axle connector to the axles of the 2 ppp.

5. Insert a black 2L pin into the 6th front-facing hole from the left so the pin faces the front. Now attach a white 2L pin connector to the ppp. Then insert a black 2L pin into the front of the ppp.

6.1. Let’s make a part! Horizontally place a white 2x3 sloped curved lift arm in front of you so it slopes to the left. Now insert a black 2L pin into the leftmost back-facing hole so the pin faces the back. Then insert a blue 2L pin axle into the rightmost back-facing axle hole so the pin faces the back.

6.2. Insert a black 2L pin into each of the 2 front-facing pin holes.

6.3. Horizontally attach a white 2x3 sloped curved lift arm to the front-facing pins so it aligns with the previous lift arm.

6.4. Now insert a black 2L pin into the leftmost front-facing hole so the pin faces the front. Then insert a blue 2L pin axle into the rightmost front-facing axle hole so the pin faces the front.

6.5. Horizontally attach the back-facing pins of your part to the 3 leftmost front-facing holes of the build so it slopes to the left.

Group 3 - Sphere Launcher

7. Let's make a part! Horizontally place a black rubber double axle connector in front of you so the axle holes face the front. Now insert 2 blue 2L pin axles into the front side of the ppp so the pins face the front.

8. Horizontally attach the 2 rightmost pin holes of a white 9L lift arm to the front-facing pins.

9. Insert a dark grey 3L pin axle into the rightmost back-facing pin hole to the left of the double axle connector so the pin faces the front. Then skip 1 hole to the left, then insert another 1 into the back-facing hole so the pin faces the front. Now horizontally attach a white 3L axle connector with a pin hole to the back-facing axles of the 2 ppp so the pin hole faces up.

10. Horizontally attach a red 3x9 sloped curved lift arm to the front-facing pins so it is centered horizontally and the curved side faces the bottom right.

11. Insert a black 2L pin into the rightmost front-facing pin hole.

12. Insert a dark grey 4L axle with a stop into the back-facing top left axle hole so the axle faces the front.

13. Horizontally attach a red 3x9 sloped curved lift arm to the front-facing pin and axle so it is aligned with the previous 3x9 sloped curved lift arm.

14. Insert a black 2L pin into the bottom left front-facing pin hole. Then repeat symmetrically to the back.

15. Let's make another part! Horizontally place a black rubber double axle connector in front of you so the axle holes face the front. Now insert 2 blue 2L pin axles into the back side of the ppp so the pins face the back.

16. Horizontally attach the 2 rightmost pin holes of a white 9L lift arm to the back-facing pins.

17. Insert a dark grey 3L pin axle into the rightmost front-facing pin hole to the left of the double axle connector so the pin faces the back. Then skip 1 hole to the left, then insert another 1 into the front-facing hole so the pin faces the back. Now horizontally attach a white 3L axle connector with a pin hole to the front-facing axles of the 2 ppp so the pin hole faces up.

18. Horizontally attach the back-facing pin of your part to the front-facing pin holes of the previous part so the leftmost column attaches to the axle.

19. Insert a black 2L pin into the front top-facing hole. Then repeat symmetrically to the back.

20. Place a yellow 7x7 half dome on top of the 2 ppp so the pins attach to the pin holes.

21. Bring back your main build and horizontally place it in front of you so the 3x9 sloped curved lift arm is on the right and slopes to the left. Now horizontally attach the leftmost back-facing pin of your part to the 8th front-facing hole from the left that is in between the 2 back-facing 1L pins with a ball. The half dome should be in the front and face up!

22. Let's make a part! Horizontally place a blue 11L lift arm in front of you so the holes face the front and back. Then insert 2 black 2L pins into the 2 rightmost front-facing holes so the pins face the front.

23. Insert a red 1L pin with a ball into the rightmost front-facing hole to the left of the ppp so the ball faces the front. Then skip 1 hole to the left, then insert another 1 into the front-facing hole so the ball faces the front.

24. Horizontally attach the leftmost back-facing hole of your part to the leftmost front-facing pin of the main build.

25. Horizontally place a red 3x9 sloped curved lift arm in front of you so it slopes to the right.

26. Insert a red 2L axle into the leftmost front-facing axle hole so the axle faces the front. Then insert a blue 2L pin axle to the front-facing hole to the right of the ppp so the axle faces the front. Now horizontally attach a black rubber double 2L axle connector to the axles of the 2 ppp.

27. Rotate your part 180 degrees, then attach the 2 leftmost back-facing holes of your part to the 2 front-facing pins so it slopes to the left. Now place your Sonic in his sphere at the right-facing side of the build, then press down on the top-facing half-dome to make him go fast! Now put everything away while we make a drone!

Building Instructions (Bag 2, Book 1):

Group 4 - Drone

1. Horizontally place a white 2x3 plate with a round side and a hole in front of you so the round side faces the left. Then place a dark grey 1x1 brick with 2 side studs on the back right corner so the side studs face the back and the right. Then repeat symmetrically to the front.

2. Place a dark grey 1x1 brick with 2 side studs on the front left corner so the side studs face the front and the left. Then repeat symmetrically to the back.

3. Horizontally place a black 1x4 rounded grated window frame upright on the right-facing studs so it is centered horizontally and the grate faces down.

4. Vertically place 2 white 1x2 jumper plates, 1 to the right of the other, on top.

5. Place a light grey 1x1 rounded plate with a bar upright on the right front-facing side stud so the bar faces up. Then place a light grey 1x1 round plate upright on the ppp. Now horizontally place a dark blue 1x1 tile with a 1x1 slope tile upright on the 2 front-facing side studs so it slopes to the left.

6. Repeat the previous step symmetrically to the back.

7. Horizontally stack 2 dark blue 1x2 rounded plates on top so there is no overhang. Then insert a dark grey claw into the left stud of the ppp so the clip hands are on the left and right.

8.1. Let's make a part! Place a black 2x2 plate in front of you. Then horizontally place a white 1x2 jumper plate on the back row.

8.2. Place a light orange 1x1 plate on the back row on top of the ppp. Then place a transparent red 1x1 round tile on top. Now horizontally place a white 1x2 double-slope tile on the front row so the extended part faces the front.

8.3. Place your part upright on the left-facing side studs so the double slope tile is on top.

9.1. Let's make 2 identical parts! Horizontally place a black 1x2 plate with a clip on the long side in front of you so the clip faces the front. Now horizontally place a light orange 1x2 ingot tile on top.

9.2. Now you should have 2 identical parts! Attach the clip of 1 part to the front top-facing bar so the ingot tile faces the front and is bent towards the front. Then repeat symmetrically to the back.

10. Let's make a part! Horizontally place a black bar holder with a bar in front of you so the bar hole faces the left. Now insert a red 2L bar with a stop in the left-facing bar hole. Now attach a black 1x1 round brick to the left-facing bar so the anti-stud faces the left. Now attach the right-facing bar of your part to the top-facing clip so the anti-stud faces the left. This is the weapon!

11. Insert the bar of a transparent 4L antenna into the right stud of the 1x2 rounded plate so the anti-stud faces up. Now place a transparent 3x3 dish on top of the anti-stud of the ppp. Now flip it upside down then place a white 2x2 inverted round tile with rounded bottom on top of the 2x2 anti-studs. Now put your drone away while we make the robot!

Group 5 - Robot

1. Horizontally place a white 2x3 plate in front of you. Then vertically place a light grey 1x2 plate with a socket on the short side on the middle column so the socket faces the front.

2. Vertically place a dark grey 1x2 plate with a ball on the long side on the leftmost column so the ball faces the left. Then repeat symmetrically to the right.

3. Place a white 1x1 slope tile on the back left corner so it slopes to the back. Then repeat symmetrically to the right.

4. Horizontally place a transparent red 1x1 round tile on the back row in between the 2 ppp. Then horizontally place a white 1x3 plate on the front row.

5. Vertically place a dark blue 1x2 angled sloped curved tile on the front left corner so the angled side faces the left and it slopes and overhangs to the front. Then repeat symmetrically to the right.

Group 6 - Robot

6. Vertically place a red 1x1 plate with a 1x1 slope tile on the front row so it slopes to the back and overhangs to the front. Then place a red 1x1 slope tile on top of the ppp so it slopes to the front.

7. Horizontally attach a dark grey pin connector with 3 balls to the front-facing socket so the other 2 balls face the left and right. Now insert a red 1L pin with a stud into the top-facing pin hole of the ppp. Now place a white 1x1 round tile on top.

Group 7 - Robot

8.1. Let's make a part! Horizontally place a dark grey 1x2 plate with a ball and a socket on the short ends in front of you so the ball faces the left. Now place a dark grey 1x1 tile on the right column. Then place a white 1x1 plate with a side stud hanging down on the left column so the side stud faces the front. Then place a white 1x1 slope tile upright on the front-facing side stud so it slopes to the left.

8.2. Attach the socket of your part to the front left ball so the slope tile is on top and slopes to the front.

8.3. Let's make another part! Horizontally place a dark grey 1x2 plate with a ball and a socket on the short ends in front of you so the ball faces the right. Now place a dark grey 1x1 tile on the left column. Then place a white 1x1 plate with a side stud hanging down on the right column so the side stud faces the front. Then place a white 1x1 slope tile upright on the front-facing side stud so it slopes to the right

8.4. Attach the socket of your part to the front right ball so the slope tile is on top and slopes to the front. These are the robot's legs!

9.1. Let's make 2 identical parts! Let's make the feet! Horizontally place a red 1x2 plate with 2 side studs sticking up in front of you so the side studs face the back. Now horizontally place a white 1x2 slope tile on top so it slopes to the front.

9.2. Horizontally place a light grey 1x2 plate with a socket on the long side on the back-facing side studs so the socket faces up. Then horizontally place a white 1x2 slope tile upright on the back-facing side studs so it slopes up.

9.3. Now you should have 2 identical parts! Attach the sockets of your parts to the 2 front-facing balls. Now stand up your robot so it stands on its feet and the 1x2 slope tiles face the front and back. Make sure the upright ones face the back!

10. Let's make a part! Horizontally place a white 1x3 plate in front of you. Then horizontally place a light grey 1x2 rounded plate on the 2 leftmost columns.

11. Vertically place a light grey 1x2 plate with a socket on the short side on the rightmost column so the socket and 1 row overhang to the front.

12. Horizontally place a light orange 1x2 ingot tile on the back right corner. Then place a white 1x1 plate with a side stud hanging down to the left so the side stud faces the left.

Group 8 - Robot

13. Place a dark grey 1x1 tile on the front row in front of the ingot tile. Then place a black 1x1 plate with 2 side studs hanging down upright on the left-facing side stud so the 2 side studs face the front.

14. Place a black 1x1 round plate upright on the left-facing side stud. Then horizontally place a black 1x2 ingot tile upright on the 2 front-facing side studs.

15. Insert a red 2L bar with a stop into the left-facing side stud. Then attach the stud of a black 1x1 round brick to the ppp so the anti-stud faces the left.

16. Attach the socket of your part to the left-facing ball of your robot so the anti-stud faces the front. This is an arm with a gun!

You will have an extra dark blue 1x1 tile. Save it for later!

Group 9 - Robot

17.1. Let's make a part! Let's make an arm! Horizontally place a white 1x3 plate in front of you. Then horizontally place a white 1x2 plate with a clip on the short side on the 2 rightmost columns so the clip faces the right.

17.2. Vertically place a light grey 1x2 plate with a socket on the short side on the leftmost column so the socket and 1 row overhang to the front.

17.3. Horizontally place a light orange 1x2 ingot tile on the back left corner. Then place a dark blue 1x1 tile from group 8 to the right. Now place a dark grey 1x1 tile on the front row in front of the ingot tile.

17.4. Attach the socket of your part to the right-facing ball so the clip faces the front and the tiles face the right.

18.1. Let's make a part! Let's make a container! Vertically place a light grey 1x2 plate with 2x2 side studs sticking up in front of you so the side studs face the left. Now horizontally place a black 1x2x1 panel with 3 walls on the back row so the long wall faces the back and it overhangs 1 row to the right. Then repeat symmetrically to the front.

18.2. Vertically place a light grey 1x2 rounded plate underneath the overhang. Then place a dark grey 2x2 tile with 2 studs upright on the left-facing side studs so the studs are on top.

18.3. Rotate your main build 180 degrees, then attach the side studs of your part to the front-facing anti-studs so it is centered horizontally.

19. Place a light orange turtle printed with a dark tan shell inside the container! Now put your robot away while we make the campfire!

Group 10 - Campfire

1. Vertically place a green 2x6 plate with a round side in front of you so the round side faces the right.

2. Horizontally place a green 2x4 rounded tile on the 2nd and 3rd rows from the front so it overhangs 2 columns to the left.

3. Place a green 6x6 quarter circle plate underneath the overhang so the front and back edges align with the 2x6 plate with a rounded side.

4. Vertically place a light grey 1x2 rounded plate on the 2nd and 3rd rows from the front and 3rd column from the left. Now place a light grey 1x1 plate to the left and right of the back row of the ppp. Then place another 1 behind the 1x2 rounded plate.

5. Place a dark grey 1x1 quarter circle tile in front of the leftmost 1x1 plate so the curve faces the front left. Then repeat symmetrically to the back. Now repeat both parts symmetrically to the right.

6. Place a black 2x2 turntable plate on the 2nd and 3rd rows from the back and 2nd and 3rd columns from the right. Now place a light grey 2x2 round turntable plate on top.

7. Place a transparent yellow diamond on the back stud of the 1x2 rounded plate that is on the 3rd column from the left.

8. Place a black 1x1 round plate on the 2nd row from the front and 3rd column from the left. Then place a transparent orange flame on top so it overhangs to the left.

9. Place a brown 1x1 half cylinder brick on the 2nd column from the left and 3rd row from the front so it slopes to the front and back. Then place another 1 on the 4th column from the left and 3rd row from the front so it slopes to the front and back. Now place 1 more on the 4th row from the front and 3rd column from the left so it slopes to the left and right. This is a campfire!

10. Place a green 1x1 round plate with 3 leaves on the front row and 2nd column from the left so the leaves face the left. Now place another 1 on the back row on the 4th column from the right so the leaves face the back. Now place a yellow 1x1 round flower plate on top of each of the 2 ppp.

11. Place a red 2x2 chair on top of the 2x2 round turntable plate that is on the 2nd and 3rd columns from the right and 2nd and 3rd rows from the back so the back of the chair faces the back right.

12. Let's make a part! Insert the stud of a white 1x1 round brick into the end of a brown 4L bar, then place it on the 2x4 rounded tile that is on the front right corner. This is a marshmallow on a stick!

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!

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

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

At the end of the instruction booklets are advertisements for the following 6 LEGO Sonic The Hedgehog Theme kits:

77002 Cyclone vs. Metal Sonic

77003 Super Shadow vs. Biolizard

77001 Sonic's Campfire Clash

76997 Tails' Adventure Boat

76999 Super Sonic vs. Egg Drillster

76998 Knuckles and the Master Emerald Shrine