

## **76319 Captain America vs. Thanos**

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Captain America vs. Thanos (76319) is a buildable Super Hero toy for kids aged 4 and up. This high-quality construction toy for boys and girls features spaceships and LEGO® I Marvel minifigures and is a great gift idea for any occasion.

The build-and-play toy includes 2 minifigures: Thanos in a spaceship designed to look like his Infinity Gauntlet, with moving 'fingers' and a missile launcher; and Captain America, in a super-sleek Quinjet with 2 shooters, an opening cockpit and a hidden compartment for his shield. A separate build features a cosmic stone to inspire imaginative play as Captain America attempts to stop Thanos stealing the precious gem. Inside the box, each bag contains bricks and a large Starter Brick for a fast-to-build model and character so play can start quickly. Intuitive instructions are provided in the form of a colorful booklet. Contains 107 pieces.

Super Hero building toy for kids – Captain America vs. Thanos is designed especially for girls and boys aged 4 and up who are fans of Super Heroes, spaceships and cool vehicles.

LEGO® I Marvel minifigures – A Captain America minifigure with his shield and a Thanos minifigures with his helmet put iconic characters into the hands of young Super Heroes as they play.

Spaceships – Thanos's ship is inspired by his Infinity Gauntlet, and has moving 'fingers' and a missile launcher, while Captain America pilots his Quinjet, featuring 2 shooters and an opening cockpit.

Super Hero action – A separate build features a cosmic stone to inspire imaginative play as Captain America attempts to stop Thanos from stealing the precious gem.

107 pieces – The buildable set's Quinjet measures over 1.5 in. (4 cm) high, 5 in. (13 cm) long and 5.5 in. (14 cm) wide.

The front of the box shows Thanos on his infinity gauntlet ship trying to steal a precious gem! Luckily Captain America is on his quinjet chasing after him trying to stop him from stealing it!

The back of the box shows all the accessories that the set comes with! It comes with 2 minifigures, a shield, quinjet, infinity gauntlet ship, missiles, a fist-shaped missile, and a gem.

The top of the box shows a real size image of Captain America.

The build is 107 pieces in total and is for ages 4+.

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/76319>) 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 to 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 - Captain America and Quinjet

Group 1 - Pages 6-7.

Group 2 - Pages 8-27.

Group 3 - Pages 28-51.

Group 4 - Pages 52-74.

Bag 2 - Thanos, Precious Gem Hiding Place, and Infinity Gauntlet Ship

Group 5 - Pages 4-5.

Group 6 - Pages 6-19.

Group 7 - Pages 20-41 and 1 transparent red 1x1 round tile from Pages 42-43.

Group 8 - 1 transparent orange 1x1 round tile from Pages 42-43.

Group 9 - 1 transparent blue 1x1 round tile from Pages 42-43.

Group 10 - 1 transparent purple 1x1 round tile from Pages 42-43.

Group 11 - 1 transparent green 1x1 round tile from Pages 42-43 and Pages 44-59.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Captain America

6-7. Locate 1 dark blue pair of legs, 1 dark blue and blue torso printed with a red and white belt, and silver star, 1 light tan head printed with eyes, lips, and a brown beard, 1 dark blue helmet printed with the letter A, and 1 red, white, and blue shield printed with a star. Assemble your minifigure then attach the shield to his hand! Now put him away while we make his quinjet!

Group 2 - Quinjet

8-9. Horizontally place a black 4x6 inverted slope brick in front of you so the short end faces the right. Now vertically place a transparent red 1x2 tile on the rightmost column.

10-11. Vertically place a red 3x6 trapezoid plate to the left of the ppp so it is centered vertically and the short end faces the right.

12-13. Place a dark blue 12x12 plate with a recess 4x8 area and 2 angled sides to the left of the ppp so it is centered vertically and the short end faces the right.

14-15. Vertically place a light grey 1x4 plate with 2 hinges on the long side on the leftmost column so it is centered vertically and the hinges face the left.

16-17. Horizontally place 2 white 2x3 sloped curved bricks, 1 in front of the other, on the 3 leftmost columns so together they are centered vertically and slope to the right.

18-19. Vertically place a white 1x4 plate on the front left corner. Then repeat symmetrically to the back.

20-21. Vertically place a light grey 2x4 tile on the front 4 rows of the 2nd and 3rd columns from the left. Then repeat symmetrically to the back.

22-23. Place a red 2x2 plate on the 2nd and 3rd rows from the front of the 5th and 6th columns from the left. Then repeat symmetrically to the back.

24-25. Horizontally place a light grey 1x4 panel to the right of the front row of the ppp so the wall faces the front. Then repeat symmetrically to the front.

26-27. Horizontally place a light grey 1x4 slope brick to the right of each of the 2 ppp so they slope to the right. There should be no overhang.

Group 3 - Quinjet

28-29. Vertically place a red 6x7 plate with 2 angled sides on the front 4 rows of the 6 leftmost columns so the short end overhangs to the front. Then repeat symmetrically to the back. These are the wings!

30-31. Horizontally place a yellow 1x1 plate with a 1x1 slope tile on the front left corner of the ppp so it slopes to the left. Then repeat symmetrically to the front.

32-33. Vertically place a light grey 1x6 arch brick on the 2nd column from the left so it is centered vertically and sits on the 2 ppp.

34-35. Horizontally place the back row of 2 dark blue 2x2 slope bricks, 1 to the right of the other, to the right of the front row of the ppp so they slope to the front. Then repeat symmetrically to the back.

36-37. Vertically place a dark blue 2x6 plate on the 3rd and 4th columns from the left so it is centered vertically.

38-39. Place 2 light grey 2x2x3 bricks, 1 in front of the other, to the right of the ppp so together they are centered vertically.

40-41. Horizontally place a transparent red 1x2 tile in front of the 2 ppp. Then repeat symmetrically to the back.

42-43. Vertically place a light grey 1x4 panel on the 7th column from the left so it is centered vertically, sits to the right of the 2x2x3 bricks, and the wall faces the left.

44-45. Vertically place a light grey 1x2 plate with a pinhole on the short side on the 5th and 6th rows from the front of the 2nd column from the left so the pinhole overhangs to the front. Then vertically place another 1 to the right of the ppp so the pinhole overhangs to the front. Then repeat both parts symmetrically to the back.

46-47. Place a short tan 2x2 ridged brick in between the 4 ppp so it is centered vertically.

48-49. Vertically place a red 1x6 tile to the right of the ppp so it is centered vertically.

50-51. Vertically place 2 dark blue 2x3 sloped curved bricks, 1 in front of the other, on the 2nd and 3rd columns from the left so together they are centered vertically and slope outwards to the front and back.

52-53. Vertically place a red 2x4 plate on the 5th and 6th columns from the left so it is centered vertically. It should sit to the right of the previous 1x6 tile.

54-55. Horizontally place 2 black 1x2 plates with a stud and a clip, 1 in front of the other, on top of the ppp so together they are centered vertically and the clips are on the right.

56-57. Vertically place a dark blue 1x4 doubled sloped curved tile on top of the 2 ppp so it is centered vertically.

58-59. Horizontally place a light grey 4x6 angled slope brick on the 6 rightmost columns of studs so it is centered vertically and slopes to the right.

60-61. Horizontally place a dark blue 2x3 sloped curved tile on the 2nd to 4th columns of studs from the right so it is centered vertically and slopes to the left.

62-63. Vertically place a light grey 1x2 slope tile printed with 2 speedometers to the left of the ppp so it is centered vertically and slopes to the left.

64-65. Horizontally attach the bar of a transparent black 4x8 sloped curved windshield to the 2 top-facing clips that are on the 7th column from the left so it is centered vertically and slopes to the right.

66-67. Place a dark blue 2x2 round tile printed with a light blue A on the 3rd and 4th rows from the front of the 6x7 angled plate so it is centered horizontally. Then repeat symmetrically to the back.

68-69. Vertically attach a dark grey 2x4 ridged tile with 2 hinge connectors to the 2 left-facing hinges so it is centered vertically and the ridged side faces down.

70-74. Insert a yellow missile into the right-facing pinhole that is on the 7th row from the front so the round part faces the right. Then repeat symmetrically to the back. You can use your finger to flick these out of them! Now put everything away while we make the next part!

#### Building Instructions (Bag 2, Book 2):

##### Group 5 - Thanos

4-5. Locate 1 dark blue pair of legs, 1 dark blue torso printed with gold armor and purple hands, 1 purple head printed with eyes and a grin, 1 gold helmet, and 1 transparent yellow diamond. Assemble your minifigure, attach the helmet to his head so the notch faces the front, then attach the diamond to his hand! Now put him away while we make the precious gem!

##### Group 6 - Precious Gem Hiding Place

6-7. Horizontally place a light grey 3x6 trapezoid plate in front of you so the short end faces the front. Then place a red 1x1 telescope bar on the back left corner. Then repeat symmetrically to the right.

8-9. Place a transparent red 4L bar on the back left corner. Then repeat symmetrically to the right.

10-11. Horizontally place a dark grey 2x4x6 rock formation on the back 2 rows so it is centered horizontally and the hollow side faces the front.

12-13. Place a light grey 2x2 brick on the front 2 rows so it is centered horizontally.

14-15. Place a red 2x2 slope brick on top of the ppp so it slopes to the back.

16-17. Horizontally place a gold 1x2 jumper plate on top of the ppp.

18-19. Place the transparent yellow 1x1 diamond from your minifigure on top of the ppp. Now put it away while we make the Infinity Gauntlet Ship!

##### Group 7 - Infinity Gauntlet Ship

20-21. Horizontally place a light grey and dark grey 2x6 brick with a ridged axle hole on the short side in front of you so the ridged axle hole faces the right. Now place a nougat 4x4 plate with inverted slope sides underneath the 4 leftmost columns so it is centered vertically and slopes to the front and back.

22-23. Vertically place a tan 2x4 plate with inverted slope sides underneath the 2 rightmost columns so it is centered vertically.

24-25. Horizontally place a tan 2x4 plate on the 4 leftmost columns so it is centered vertically. Then place a red 2x2 plate with a mudguard on the 2 rightmost columns so it is centered vertically and the mudguard faces the right.

26-27. Horizontally place a nougat 1x2 brick with 2 side studs on the front left corner so the side studs face the front. Then repeat symmetrically to the back.

28-29. Horizontally place a tan 1x4 brick with 4 side studs on the front right corner so the side studs face the front. Then repeat symmetrically to the back.

30-31. Vertically place a tan 1x2 brick with a bar on the short side on the front left corner so the bar faces the front. Then repeat symmetrically to the back.

32-33. Horizontally place a nougat 1x3 slope brick on the front row on the 2nd to 4th columns from the left so it slopes to the right. Then repeat symmetrically to the back.

34-35. Vertically place a tan 2x4 plate on the 2 leftmost columns so it is centered vertically.

36-37. Vertically place a tan 2x4 slope brick on the 2 rightmost columns so it slopes to the left.

38-39. Vertically place 2 gold 1x2 plates with a bar on the long side, 1 in front of the other, on the leftmost column so the bars face the left.

40-41. Vertically place a gold 1x2 jumper plate on the leftmost column so it is centered vertically. Then vertically place a dark grey 1x2 slope tile printed with red and grey buttons to the right of the ppp so it slopes to the right.

42-43.1. Place a transparent red 1x1 round tile on the front left corner.

Group 8 - Infinity Gauntlet Ship

42-43.2. Place a transparent orange 1x1 round tile to the right of the ppp.

Group 9 - Infinity Gauntlet Ship

42-43.3. Place a transparent blue 1x1 round tile on the leftmost column on top of the 1x2 jumper plate.

Group 10 - Infinity Gauntlet Ship

42-43.4. Place a transparent purple 1x1 round tile on the back left corner.

Group 11 - Infinity Gauntlet Ship

42-43.5. Place a transparent green 1x1 round tile to the right of the ppp.

44-45. Vertically place a gold 1x2 jumper plate on the rightmost column so it is centered vertically.

46-47. Place a transparent yellow diamond on the ppp.

48-51. Horizontally place a dark tan 1x6 sloped curved brick upright on the front-facing side studs so it is centered horizontally and slopes to the left. Then repeat symmetrically to the back.

52-53. Rotate your build 180 degrees. Now horizontally attach the clips of 4 gold mechanical arms, 1 in front of the other, to the 2 right-facing bars so together they are centered vertically, the arms are on top and the bar holes face the right.

54-55. Attach the clip of a gold mechanical arm to the front-facing bar so the arm is in the front and the bar hole faces the right.

56-57. Insert a light grey missile with a large black tip into the right-facing missile hole so the small part is exposed on the left-facing side.

58-59. You can press on the small part that is exposed on the left-facing side to shoot the missile!

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!

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