

76337 Miles Morales Mech vs. Spider-Man 2099

Adapted by John Le and tested by Radar.

Bring supersized battle action from the Marvel movies to life with Miles Morales Mech vs. Spider-Man 2099 (76337), a Super Hero building toy gift for boys and girls ages 6 years old and up. This build-and-play kids' toy will spark endless role play with a large, fully jointed mech, plus Spider-Man and Miles Morales minifigures. This LEGO® I Marvel merchandise puts action from Marvel Studios' Spider-Man: Across the Spider-Verse into kids' hands with a highly posable mech that's designed for dynamic play. On the mech's arms are a detachable 3-stud shooter, web rope and razor web power blasts, ensuring non-stop battle action. The Spider-Man 2099 minifigure fights back with a hand-held laser beam.

POSSIBLE MECH BUILDING TOY – Get set for supersized Super Hero action from Spider-Man: Across the Spider-Verse featuring a large, fully jointed LEGO® I Marvel figure for boys, girls and kids ages 6 and up.

2 LEGO® I MARVEL MINIFIGURES – This action-packed building playset for young Super Heroes features Miles Morales and Spider-Man 2099 from the alternate universe of Earth-928.

SUPER HERO ROLE PLAY – Every part of this mech building toy is jointed for dynamic action, and an opening torso reveals a cockpit where kids can place the Miles Morales minifigure.

ACCESSORIES FOR ACTION – A powerful 3-stud shooter, web rope and razor web power blasts attached to the Miles Morales mech's arms, bring the building toy and minifigures to life in kids' imaginations.

DIMENSIONS – Put epic adventures right into the hands of young Spider-Man fans with this 135-piece posable mech, standing over 4.5 in. (11 cm) tall.

The front of the box shows Spider-Man 2099 shooting webs and lasers at Miles Morales Mech! The mech is fighting back with discs and lightning!

The back of the box shows Miles Morales dismounting his mech, swinging on a rope, and kicking Spider-Man 2099 in the face!

The top of the box shows a real size image of Spider-Man 2099

The build is 135 pieces in total and is for ages 6+.

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.
- "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/76337>) 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 3 unlabeled bags, 1 set 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.

Miles Morales, Spider-Man 2099 and Miles Morales Mech

Group 1 – Page 5.

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Group 4 – Steps 15-38.

Group 5 – Steps 39-44.

Group 6 – Steps 45-57.

Group 7 – Steps 58-72.

Let's get to building!

Building Instructions (Book 1):

Group 1 – Miles Morales

Sub-build 1. Locate 1 black pair of legs, 1 black torso printed with a red spider, 1 black head printed with white eyes with a red outline, and 1 white 21L rope. Assemble your minifigure then attach the end of the string to his hand! Now put him away while we make Spider-Man!

Group 2 – Spider-Man 2099

Sub-build 2. Locate 1 dark blue pair of legs, 1 dark blue torso printed with a red spider, 1 dark blue head printed with red eyes. Assemble your minifigure then put him in front of you.

Sub-build 3. Let's make his laser! Place a transparent 1x1 round plate with a handle underneath it in front of you so the stud faces the right. Now place a red 1x1 round plate upright on the right-facing side stud. Then attach a transparent red 8L bar with a rounded tip to the right-facing side stud. Now attach the handle of your part to your minifigure hand. Now put him away while we make Miles Morales Mech!

Group 3 – Miles Morales Mech

Step 1

Horizontally place a dark grey mech body with 2 clips in front of you so the clips face the front. Now attach a black mech chestplate with a bar to the front-facing clips so it is upright and the 2x2 studs face the front.

Step 2

Attach a black 2x2 round tile printed with a red spider to the front-facing side studs.

Step 3

Rotate your build 180 degrees. Now horizontally place a dark grey 1x2 plate with a ball on the short end upright on the top left corner of front-facing side studs so the ball faces the left. Then repeat symmetrically to the right.

Step 4

Place a dark blue 2x2 plate with a cutoff corner upright on the top left front-facing side studs so the cutoff corner faces the bottom left corner. Then repeat symmetrically to the right.

Step 5

Place a black 2x2 plate with a mudguard on the top 2 rows of front-facing side studs so it is centered horizontally and the mudguard faces up.

Step 6

Place 2 dark blue 1x1 slope tiles, 1 to the right of the other, upright below the ppp so they slope down.

Step 7

Horizontally place a black 1x2 sloped curved tile upright on the top left corner of front-facing side studs so it slopes to the left. Then repeat symmetrically to the right.

Step 8

Let's make a part! Horizontally place a dark blue 1x2 plate in front of you. Then place a red 1x2 plate with a 1x2 brick with a pinhole on top so the brick part overhangs to the front.

Step 9

Horizontally place a black 1x2 plate with 2 balls on the short ends on the back row.

Step 10

Vertically place 2 dark blue 1x1 plates with a 1x1 slope tile, 1 to the right of the other, on top so they slope to the back.

Step 11

Place a black 1x1 plate with 2 side studs hanging down on the front left corner so the side studs face the left. Then repeat symmetrically to the right.

Step 12

Place a dark blue 1x1 quarter circle tile on the front left corner so the curve faces the front right. Then repeat symmetrically to the right.

Step 13

Insert a black 2L pin into the front-facing pinhole.

Step 14

Lay your part on its back-facing side so the pin faces up and the anti-studs face the front. Now place a red 1x1 plate with a vertical tooth upright on the front left-facing side stud so the tooth faces the front. Then repeat symmetrically to the right.

Group 4 – Miles Morales Mech

Step 15

Horizontally place a red 1x2 sloped curved tile upright on the left-facing side studs so it slopes to the back. Then repeat symmetrically to the right.

Step 16

Bring back your main build and place it on top of the pin so the upright 2x2 round tile faces the back.

Step 17

Let's make a part! Let's make a leg! Horizontally place a black 2x2 round tile with a pinhole and 2x2 angled 2x2 plates in front of you so the studs face the back left and back right. Then vertically place a dark grey 1x2 plate with a socket on the leftmost column so the socket faces the left.

Step 18

Horizontally place a black 2x3 pentagonal tile on the 2 leftmost columns so the angled side faces the right and overhangs over the pinhole.

Step 19

Vertically place a dark grey 1x2 plate with a socket on the rightmost column so the socket faces the right.

Step 20

Horizontally place a dark blue 1x2 plate on the back right corner.

Step 21

Place a black 1x1 tile with a round side on the back right corner so the round side faces the right. Then horizontally place a black 1x2 curved sloped tile to the left of the ppp so it slopes to the left.

Step 22

Horizontally place a dark grey 1x2 plate with 2 side studs hanging down on the 2nd column from the right of the front row so the side studs face the front.

Step 23

Horizontally place a red 1x4 double sloped curved tile on top of the ppp so it is centered horizontally on it.

Step 24

Place a dark blue 1x1 plate with a horizontal tooth on the right front-facing side stud so the tooth faces the right. Then repeat symmetrically to the left.

Step 25

Horizontally place a black 1x2 ingot tile upright on the 2 front-facing side studs.

Step 26

Place a black 2x2 round inverted tile with a rounded bottom underneath the 2 leftmost columns. Then repeat symmetrically to the right.

Step 27

Orient your main build in front of you so the upright 2x2 round tile is in the back and faces up. Now attach the right-facing socket of your part to the front left ball so the other socket faces the front and the inverted round tiles with a rounded bottom face the right.

Step 28

Let's make a part! Let's make another leg! Horizontally place a black 2x2 round tile with a pinhole and 2x2 angled 2x2 plates in front of you so the studs face the back left and back right. Then vertically place a dark grey 1x2 plate with a socket on the rightmost column so the socket faces the right.

Step 29

Horizontally place a black 2x3 pentagonal tile on the 2 rightmost columns so the angled side faces the left and overhangs over the pinhole.

Step 30

Vertically place a dark grey 1x2 plate with a socket on the leftmost column so the socket faces the left.

Step 31

Horizontally place a dark blue 1x2 plate on the back left corner.

Step 32

Place a black 1x1 tile with a round side on the back left corner so the round side faces the left. Then horizontally place a black 1x2 curved sloped tile to the right of the ppp so it slopes to the right.

Step 33

Horizontally place a dark grey 1x2 plate with 2 side studs hanging down on the 2nd column from the left of the front row so the side studs face the front.

Step 34

Horizontally place a red 1x4 double sloped curved tile on top of the ppp so it is centered horizontally on it.

Step 35

Place a dark blue 1x1 plate with a horizontal tooth on the left front-facing side stud so the tooth faces the left. Then repeat symmetrically to the right.

Step 36

Horizontally place a black 1x2 ingot tile upright on the 2 front-facing side studs.

Step 37

Place a black 2x2 round inverted tile with a rounded bottom underneath the 2 leftmost columns. Then repeat symmetrically to the right.

Step 38

Make sure your mech is vertically in front of you and the previous leg is in the front left corner. Then attach the left-facing socket of your part to the front right ball so the other socket faces the front and the inverted round tiles with a rounded bottom face the left.

Group 5 – Miles Morales Mech

Step 39

Let's make 2 identical parts! Let's make the feet! Horizontally place a black 1x3 rounded plate in front of you. Then place a red 1x1 round plate with an open stud underneath the rightmost column.

Step 40

Horizontally place a red 1x4 rounded plate underneath the 2 leftmost columns so 2 columns are exposed to the left.

Step 41

Place a red 1x1 round plate with an open stud on the 2nd column from the right. Then horizontally place a black 1x2 sloped curved tile to the left of the ppp so it slopes to the left.

Step 42

Place a black 1x1 tile with a round side on the rightmost column so the round side faces the right. Then repeat symmetrically to the left.

Step 43

Insert a dark gray 1l bar with a ball into the open stud.

Step 44

Now you should have 2 identical parts! Make sure your mech is vertically in front of you with the legs in the front. Then vertically attach 1 part to the leftmost front-facing socket of the legs so the 1x2 sloped curved tile slopes up and the anti-studs face the front. Then repeat symmetrically to the right. Now stand your mech upright so the upright 2x2 round tile on its chestplate faces the front.

Group 6 – Miles Morales Mech

Step 45

Let's make a part! Let's make an arm! Horizontally place a red 2x2 round tile with a pinhole and 2x2 angled 2x2 plates in front of you so the studs face the front left and front right. Then vertically place a dark grey 1x2 plate with a socket on the rightmost column so the socket faces the right.

Step 46

Horizontally place a red 1x2 plate with a clip on the back right corner so the clip faces the back. Now horizontally place a black 1x2 plate with a stud and a clip in front of the ppp so the clip is on the right.

Step 47

Place a black 1x1 plate on the back right corner. Then place a black 2x2 curved sloped double wedge tile to the left of the ppp so it slopes to the left.

Step 48

Place a red 2x2 inverted round tile with a rounded bottom underneath the 2 leftmost columns.

Step 49

Place a black 1x1 round plate with a handle on the front left corner so the handle faces the front. Then place a white 1x1 round plate with a downward-facing bar on the back left corner so the bar overhangs to the left.

Step 50

Let's make another part! Horizontally place a black 2x4 plate with 3 pinholes in front of you. Then vertically place a red 1x2 plate with a bar on the long side on the leftmost column so the bar faces the left.

Step 51

Place a dark grey 2x2 round plate to the right of the ppp.

Step 52

Place a dark blue 1x1 slope tile on the front right corner so it slopes to the front. Then repeat symmetrically to the back.

Step 53

Vertically place a black 1x2 ingot tile on the leftmost column. Then place a black 2x2 round tile with a pinhole to the right of the ppp.

Step 54

Horizontally place your part on the 3 leftmost columns so 1 column overhangs to the left and the bar faces the left.

Step 55

Attach 3 red curved claws to the left-facing bar so they curve down. Then attach another 1 to the front-facing handle so it curves down to the front. These are the fingers!

Step 56.1

Let's make a part! Horizontally place a black 4L stud shooter with an axle in front of you so the larger hole faces the left, the axle faces down and the smooth side faces the front. Then insert a dark grey 4L axle with a stop into the left-facing side so it goes all the way in, overhangs to the right, and the stop is on the left. Then attach a dark grey 1x1 cone brick to the right-facing axle.

Step 56.2

Horizontally insert the bottom-facing axle of your part into the 2x2 round tile with a pinhole of your arm so the cone faces the right.

Step 57

Horizontally attach the right-facing socket of your part to the left-facing ball of your main build so the 2x2 inverted round tile faces the right.

Step 58

Let's make a part! Let's make another arm! Horizontally place a red 2x2 round tile with a pinhole and 2x2 angled 2x2 plates in front of you so the studs face the front left and front right. Then vertically place a dark grey 1x2 plate with a socket on the leftmost column so the socket faces the left.

Step 59

Horizontally place a red 1x2 plate with a clip on the back left corner so the clip faces the back. Now horizontally place a black 1x2 plate with a stud and a clip in front of the ppp so the clip is on the left.

Step 60

Place a black 1x1 plate on the back left corner. Then place a black 2x2 curved sloped double wedge tile to the right of the ppp so it slopes to the right.

Step 61

Place a red 2x2 inverted round tile with a rounded bottom underneath the 2 rightmost columns.

Step 62

Place a black 1x1 round plate with a handle on the front right corner so the handle faces the front. Then horizontally place a black 1x2 plate with a pinhole underneath on the back right corner so the pinhole overhangs to the right.

Step 63

Horizontally place a dark blue 1x2 plate on the front right corner. Then horizontally place another 1 behind the ppp.

Step 64

Vertically place a red 1x2 plate with a bar on the long side to the right of the 2 ppp so it overhangs to the front and the bar faces the right.

Step 65

Place a black 2x2 tile with a stud on the 2 rightmost columns. Then place a black 2x2 curved sloped double wedge tile to the left of the ppp so it slopes to the left.

Step 66.1

Let's make a part! Horizontally place a transparent aqua lightning in front of you so the axle connector is in the front left. Now insert a blue 2L pin axle into the left-facing axle hole so the pin faces the left.

Step 66.2

Insert the pin of your part into the rightmost front-facing pinhole that is underneath the rightmost column so the lightning faces the front right.

Step 67

Attach 3 red curved claws to the right-facing bar so they curve down. Then attach another 1 to the front-facing handle so it curves down to the front. These are the fingers!

Step 68

Make sure the mech is standing in front of you with the previous arm on the left. Then horizontally attach the left-facing socket of your part to the right-facing ball of your main build so the arm is on the right and the lightning faces the front.

Step 69.1

Let's make a part! Let's make shoulder armor! Horizontally place a dark blue 1x2 plate with an inverted slope in front of you so it slopes to the right. Then place a black 1x1 round plate with a handle on the right column so the handle faces the right. Now place a black 2x2 corner sloped curved brick on top so it overhangs 1 row to the front and slopes to the front left.

Step 69.2

Attach your shoulder armor to the top right-facing clip that is on the right arm so the anti-studs face the left and it slopes to the front.

Step 70.1

Let's make a part! Let's make shoulder armor! Horizontally place a dark blue 1x2 plate with an inverted slope in front of you so it slopes to the left. Then place a black 1x1 round plate with a handle on the left column so the handle faces the left. Now place a black 2x2 corner sloped curved brick on top so it overhangs 1 row to the front and slopes to the front right.

Step 70.2

Attach your shoulder armor to the top left-facing clip that is on the left arm so the anti-studs face the right and it slopes to the front.

Step 71

Locate 6 transparent aqua 1x1 round tiles. Now insert 3 of them into the barrel of the stud shooter that is on the left arm. Save the extra 3 for when you need to reload!

Step 72

Pull down the front chestplate of your mech and insert your minifigure. Then close it back up!

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!

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.

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At the end of the instruction booklets are advertisements for the following 5 LEGO Marvel Theme kits:

76337 Miles Morales Mech vs. Spider-Man 2099

76338 Mech Battle: Spider-Man vs. Doc Ock

76335 Spider-Man vs. Ghost Rider Motorcycle

76342 Spider-Man vs. Mysterio

76336 Spider-Man Car vs. Venomized Wolverine