76302 Superman Mech vs. Lex Luthor
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This LEGO DC Superman playset comes with 2 minifigures: Superman with a fabric cape and reversible head showing alternative expressions, and Lex Luthor with a stud shooter and a Kryptonite™ crystal. The buildable mech has movable arms, legs and fingers. The torso opens to reveal a cockpit where the Superman minifigure can sit. On the mech's back are 2 adjustable thrusters that allow the mech to 'fly'.

Superman™ mech playset – Put super-hero action with feature-packed figures into kids' hands with LEGO® DC Superman Mech vs. Lex Luthor™ for boys and girls aged 6 and up.

LEGO® DC figures – The set comes with 2 minifigures: Superman™ with a fabric cape and reversible head showing alternative expressions, and Lex Luthor™ with a stud shooter and a Kryptonite™ crystal.

Posable Superman™ toy – The buildable mech has movable arms, legs and fingers, and its torso opens to reveal a cockpit that can hold the Superman minifigure.

Epic Super-Hero™ adventures – On the mech's back are 2 adjustable thrusters that allow the mech to 'fly'.

120-piece playset – Standing over 4.5 in. (11 cm) tall, the buildable Superman™ mech will put epic adventures into the hands of any young superhero.

The front of the box shows Superman in his mech suit fighting Lex Luthur! Lex Luthur has a gun and kryptonite! Superman has to be careful!

The back of the box shows Superman flying out of his mech suit to fight Lex Luthur!

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

The build is 120 pieces in total and is for ages 6+.

2 bags labeled 1 include the pieces for Superman, Lex Luthur, and the mech suit!

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/76302) 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, 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.

Bag 1 - Superman, Lex Luthur, Mech Suit
Group 1 - Page 5.
Group 2 - Pages 6-9.
Group 3 - Steps 1-6.
Group 4 - Steps 7-14.
Group 5 - Steps 15-28.
Group 6 - Steps 29-35.
Group 7 - Steps 36-41.
Group 8 - Steps 42-61.

Let’s get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Superman

Sub-build 1. Locate 1 blue pair of legs, 1 blue torso printed with muscles, a yellow belt, and a red S on his chest, 1 red cape, 1 tan head printed with eyes and lips, and 1 black hair. Assemble your minifigure and make sure the cape is on his back!

Group 2 - Lex Luthur

Sub-build 2.1. Locate 1 green pair of legs printed with purple armor, 1 green torso printed with purple armor, 1 transparent green shoulder armor, 1 tan head printed with eyes and lips, and 1 transparent green crystal. Assemble your minifigure, horizontally attach the shoulder armor to his neck, place the crystal in his hand, then put him in front of you.

Sub-build 2.2. Let's make a part! Place a stud shooter horizontally in front of you with the hole on the left and then insert the round part of the trigger into the slot on the back so the thick tab faces the right. Now attach it to your minifigure's hand and then locate 2 transparent green 1x1 round plates! This is the ammo for the stud shooter! To load the stud shooter, hold a 1x1 round green plate in front of you so the stud faces the front. Hold the stud shooter horizontally so the hole faces the left. Slide the stud in its upright position into the left facing hole until you hear a click. Later you can press the trigger to fire the plate. Now put everything away while we make Superman's mech!

Group 3 - Superman Mech

1. Place a dark grey 2x2 plate with angled sides, 8 side studs, and 2 clips in front of you so the side studs face the front and the clips face the back.

2. Horizontally place a dark grey 1x2 plate with a ball on the short side upright on the top left corner of the front-facing side studs so the ball faces the left. Then repeat symmetrically to the right.

3. Place a red 1x1 round plate with a bar upright on the bottom left front-facing side stud so the bar faces the left. Then repeat symmetrically to the right.

4. Vertically place a red 2x3 sloped curved brick upright on the front-facing side studs so it is centered horizontally and slopes up.

5. Place a red 1x1 slope tile upright on the top left front-facing side stud so it slopes to the right. Then repeat symmetrically to the right.

6.1. Let's make a part! Let's make the chestplate! Vertically place a blue chest plate with 2x2 side studs and a bar in front of you so the side studs and the bar face the front. Then place a blue 2x2 tile with a stud upright on the 2x2 side studs. Now place a red 2x2 triangle tile printed with a yellow and red S, on the ppp so it is centered horizontally and the long side faces the back.

6.2. Rotate your main build 180 degrees so the clips face the front. Now vertically attach the bar of your part to the clips so the 2x2 triangle tile faces the front.

Group 4 - Superman Mech

7. Let's make a part! Let's make the hips and belt! Place a blue 2x2 inverted sloped curved tile in front of you so the higher studs are in the back. Now place a blue 1x2 brick with a hole and a 1x2 plate part on top so the hole faces the front.

8. Horizontally place a black 1x2 plate with balls on the short ends on the back row so it is centered horizontally.

9. Vertically place a blue 1x1 plate with 1x1 slope tile on the left column so it slopes to the back. Then repeat symmetrically to the right.

10. Place a red 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.

11. Horizontally place a gold 1x2 ingot tile on the front row.

12. Place 2 yellow 1x1 slope tiles, 1 above the other, upright on the left-facing side studs so they slope outwards to the top and bottom. Then repeat symmetrically to the right.

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

14. Attach the pin of your part to the bottom-facing hole of your main build so the 1x2 ingot tile faces the front.

Group 5 - Superman Mech

15. Let's make a part! Let's make a leg! Horizontally place a blue 2x2 round tile with a hole and 2 angled 2x2 plates in front of you so the studs face the back left and back right.

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

17. Flip your build upside down so it is centered horizontally and the sockets face the front left and front right. Now place a red 2x2 inverted tile on the 2 leftmost columns. Then place a blue 2x2 inverted round tile with a rounded bottom on the 2 rightmost columns.

18. Flip your build over so it is right side up, horizontal, and the sockets face the back left and back right. Now horizontally place a red 1x2 plate with 2 side studs hanging down on the front left corner so the side studs face the front. Then horizontally place a blue 2x3 sloped curved tile with 2 studs and a wing on the 2 rightmost columns so the studs are on the right and there is no overhang.

19. Place a red 2x2 sloped curved tile on the 2 leftmost columns so it slopes to the back.

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

21. Orient your main build so it is vertical and the 2x2 triangle tile is on top in the back and the right angle faces the front. Now attach the right-facing socket of your part to the front left ball so the 2x2 sloped curved tile is in the front and faces the left.

22. Let's make a part! Let's make another leg! Horizontally place a blue 2x2 round tile with a hole and 2 angled 2x2 plates in front of you so the studs face the back left and back right.

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

24. Flip your build upside down so it is centered horizontally and the sockets face the front left and front right. Now place a red 2x2 inverted tile on the 2 rightmost columns. Then place a blue 2x2 inverted round tile with rounded bottom on the 2 leftmost columns.

25. Flip your build over so it is right side up, horizontal, and the sockets face the back left and back right. Now horizontally place a red 1x2 plate with 2 side studs hanging down on the front right corner so the side studs face the front. Then horizontally place a blue 2x3 sloped curved tile with 2 studs and a wing on the 2 leftmost columns so the studs are on the left and there is no overhang.

26. Place a red 2x2 sloped curved tile on the 2 leftmost columns so it slopes to the back.

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

28. Attach the left-facing socket of your part to the front right ball so the 2x2 sloped curved tile is in the front and faces the right.

Group 6 - Superman Mech

29. Let’s make 2 identical parts! Let’s make the feet! Horizontally place a red 2x4 plate with holes upside down in front of you. Then place a red 2x2 dish on top so it is centered horizontally and vertically.

30. Vertically place a dark grey 1x2 rounded plate on the rightmost column.

31. Place a dark grey 2x2 inverted tile on the leftmost column so it overhangs 1 column to the left.

32. Flip your part over so it is right side up, horizontal and the 2x2 inverted tile is on the left. Now place a red 2x2 sloped curved tile on the 2 leftmost columns so it slopes to the left.

33. Vertically place a red 1x2 slope tile on the rightmost column so it is centered vertically and slopes to the right. Then place a dark grey 2x2 round tile with a stud to the left.

34. Insert a dark grey bar with a ball into the stud of the 2x2 round tile with a stud.

35. Now you should have 2 identical parts! Vertically attach the ball of 1 part to the front-facing socket of the left leg. Then repeat symmetrically to the right. Now stand your mech up so it stands on its feet and the 2x2 sloped curved tiles of the feet slope to the front!

Group 7 - Superman Mech

36. Let’s make 2 identical parts! Let’s make the boosters! Horizontally place a red 1x2 inverted sloped curved tile in front of you so the higher stud is on the left. Then place a dark grey 1x1 plate on the left column.

37. Place a dark grey 1x1 brick with a hole on the right column so the hole faces the right. Then insert a yellow 2L pin into the right-facing hole.

38. Place a red 1x1 plate with a double sided stud on the leftmost column so the double-sided stud is on the left.

39. Horizontally place a red 1x3 sloped curved brick on top so it overhangs 1 column to the right and slopes to the left.

40. Attach a red 2x2 cylinder with a ridged side to the right-facing pin so the ridged side faces the right.

41. Now you should have 2 identical parts! Now rotate your main build 180 degrees, then vertically attach the double-sided stud of 1 part to the left-facing bar so the 1x3 sloped curved brick is in the front and the cylinder with a ridged side faces down. Then repeat symmetrically to the right.

Group 8 - Superman Mech

42. Let’s make a part! Let’s make an arm! Horizontally place a blue 2x2 round tile with a hole and 2 angled 2x2 plates in front of you so the studs face the front left and front right.

43. Vertically place a dark grey 1x2 plate with a socket on the long side on the rightmost column so the socket faces the right. Then vertically place a blue 1x2 plate with a bar on the short side on the leftmost column so the bar faces the front.

44. Place a blue 1x1 quarter circle tile on the back right corner so the curve faces the back right. Then place a dark grey 1x1 plate to the left.

45. Horizontally place a dark grey 1x2 plate with a stud and a clip on the front right corner so the clip is on the right.

46. Place a blue 2x2 angled sloped curved tile on the 2nd column from the right so it is centered vertically and slopes to the left. Then place a dark grey 2x2 plate with a cutoff corner on the 2nd column from the left so the cutoff corner faces the back right.

47. Vertically place a dark grey 1x2 plate with a bar on the long side on the leftmost column so the bar faces the left.

48. Horizontally place a blue 2x3 pentagonal tile on the 3 leftmost columns so the angled side faces the right.

49.1. Let’s make a part! Vertically place a red 1x2 plate with a bar on the long side in front of you so the bar is on the left. Now vertically place a red 1x2 angled sloped curved tile on the back row so it slopes and overhangs to the back. Make sure the angled side faces the back right. Then repeat symmetrically to the front so the angled side is in the front left!

49.2. Vertically attach the bar of your part to the clip on the right side of your previous part so the angled slope tiles are on the right.

50. Horizontally attach 3 silver claws to the left-facing bar so they slope down. Then vertically attach another 1 to the front-facing bar so it slopes down.

51. Rotate your main build 180 degrees so the 2x2 triangle tile faces the front. Then horizontally attach the right-facing socket of your part to the left-facing ball!

52. Let's make a part! Let's make another arm! Horizontally place a blue 2x2 round tile with a hole and 2 angled 2x2 plates in front of you so the studs face the front left and front right.

53. Vertically place a dark grey 1x2 plate with a socket on the long side on the leftmost column so the socket faces the left. Then vertically place a blue 1x2 plate with a bar on the short side on the rightmost column so the bar faces the front.

54. Place a blue 1x1 quarter circle tile on the back left corner so the curve faces the back left. Then place a dark grey 1x1 plate to the right.

55. Horizontally place a dark grey 1x2 plate with a stud and a clip on the front left corner so the clip is on the left.

56. Place a blue 2x2 angled sloped curved tile on the 2nd column from the left so it is centered vertically and slopes to the right. Then place a dark grey 2x2 plate with a cutoff corner on the 2nd column from the right so the cutoff corner faces the back left.

57. Vertically place a dark grey 1x2 plate with a bar on the long side on the rightmost column so the bar faces the right.

58. Horizontally place a blue 2x3 pentagonal tile on the 3 rightmost columns so the angled side faces the left.

59.1. Let's make a part! Vertically place a red 1x2 plate with a bar on the long side in front of you so the bar is on the right. Now vertically place a red 1x2 angled sloped curved tile on the back row so it slopes and overhangs to the back. Make sure the angled side faces the back left. Then repeat symmetrically to the front so the angled side is in the front right!

59.2. Vertically attach the bar of your part to the clip on the left side of your previous part so the angled slope tiles are on the left.

60. Horizontally attach 3 silver claws to the right-facing bar so they slope down. Then vertically attach another 1 to the front-facing bar so it slopes down.

61. Horizontally attach the left-facing socket of your part to the right-facing ball on the main build! Now open up the front-facing chestplate by flipping it down, insert Superman, 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!

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