

11209 Ultron vs. Iron Man

Adapted by John Le and tested by Radar.

Surprise young Super Heroes with an Ultron vs. Iron Man (11209) building toy, a fun gift idea for boys and girls ages 4 years old and up. Featuring 2 minifigures from the Iron Man and His Awesome Friends TV show, this pretend play preschool toy is a fun way to develop creative skills. The mech is jointed for dynamic play and features a flip-up head and an opening torso that reveals a cockpit where the Iron Man minifigure can be placed. The flying vehicle has a seat for the Ultron minifigure. Designed with young builders in mind and packed with engaging details, this versatile toy comes with colorful pictorial instructions, large Starter Bricks and separate bags containing 1 building model per bag to make assembly fast and fun.

IRON MAN MECH BUILDING SET – Ignite the imaginations of young Super Heroes ages 4 and up with LEGO® I Marvel Iron Man and His Awesome Friends Ultron vs. Iron Man (11209).

2 MINIFIGURES – Includes Iron Man and Ultron minifigures, a flying ship, and a LEGO® mech with large Starter Bricks to make assembling fast and fun.

IMAGINATIVE ROLE PLAY – Kids can recreate action from the popular TV show and use their imaginations to play out endless adventures of their own.

EPIC SUPER HERO FUN – Imaginations soar with Ultron's flying ship, then power up by placing Iron Man in his posable mech suit.

DIMENSIONS – Put epic adventures right into the hands of young Iron Man fans with this 96-piece building set featuring an Iron Man mech standing over 4.5 in. (12 cm) tall.

The front of the box shows Iron Man in his mech chasing after Ultron in his flying vehicle!

The back of the box shows all the accessories that the set comes with! It comes with 2 minifigures, a diamond, a mech, and a flying vehicle.

The top of the box shows a real size image of Iron Man

The build is 96 pieces in total and is for ages 4+.

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/11209>) 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 – Iron Man and Mech

Group 1 – Pages 6-7.

Group 2 – Pages 8-19.

Group 3 – Pages 20-31.

Group 4 – Pages 32-55.

Group 5 – Pages 56-77.

Bag 2 – Ultron and Aircraft

Group 6 – Pages 4-7.

Group 7 – Pages 8-23.

Group 8 – Pages 24-37.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 – Iron Man

Steps 6 to 7

Locate 1 short red pair of legs, 1 torso printed with a light blue core, dark blue armor, and dark red arms, 1 light tan head printed with eyes and lips, and 1 red and gold helmet. Assemble your minifigure then put him in front of you. Make sure the smooth gold part of his helmet faces the front. Now put him away while we make his mech!

Group 2 – Iron Man Mech

Steps 8 to 9

Place a gold 2x2 plate in front of you.

Steps 10 to 11

Place a black 2x2 brick with 2 large cylinders with pinholes on top so the cylinders face the left and right. Then place a gold 2x2 sloped curved brick on top so the studs are in the back and it slopes to the front.

Steps 12 to 13

Insert the pin of a red mech leg into the left-facing pinhole so the leg bends towards the front. Then repeat symmetrically to the right.

Steps 14 to 15

Let's make 2 identical parts! Let's make the feet! Vertically place a dark grey 2x4 plate in front of you.

Steps 16 to 17

Place the back right corner of a gold 2x2 curved corner brick with plate on the front left corner so it slopes to the front left. Then repeat symmetrically to the right.

Steps 18 to 19

Vertically place a gold 1x4 plate with a 1x4 sloped curved brick on the left column so it overhangs 1 row to the back, and slopes and overhangs 1 column to the left. Then repeat symmetrically to the right.

Group 3 – Iron Man Mech

Steps 20 to 21

Place a light blue 2x2 plate on the back 2 rows.

Steps 22 to 23

Horizontally place a lime green 1x2 tile in front of the ppp.

Steps 24 to 25

Vertically place 2 red 1x2 plates with a stud and an upright clip, 1 to the right of the other, in front of the ppp so the clips are in the front.

Steps 26 to 27

Now you should have 2 identical parts! Vertically place 1 part underneath the left mech leg so the clips are in the front. Then repeat symmetrically to the right.

Steps 28 to 29

Attach the bar of a red rounded shoulder armor to the 2 leftmost top-facing clips so it is vertically upright and the rounded side faces the front. Then repeat symmetrically to the right. These will cover the knees!

Steps 30 to 31

Insert a black 2L pin into the top-facing pinhole that is centered horizontally.

Group 4 – Iron Man Mech

Steps 32 to 33

Let's make a part! Let's make the upper body! Horizontally place a red mech body in front of you so the 2x2 anti-studs face the front, and the studs face up.

Steps 34 to 35

Horizontally place a dark grey 1x2 plate with a ball on the back left corner so the ball faces the left. Then repeat symmetrically to the right.

Steps 36 to 37

Horizontally place a light blue 1x2 plate on the back row so it is centered horizontally.

Steps 38 to 39

Horizontally place a dark red 3x6 plate with a round side and a 1x2 gap on the back 3 rows so it is centered horizontally and the round side faces the front. Then horizontally place a light blue 1x2 plate in front of the ppp.

Steps 40 to 41

Horizontally place a dark grey 2x4 plate on the back 2 rows so it is centered horizontally. Then place a gold 2x2 sloped curved brick in front of the ppp so it is centered horizontally and the studs are in the back and it slopes to the front.

Steps 42 to 43

Vertically place a transparent aqua 2x3 tile with 2 clips on the back 2 rows so it is centered horizontally, overhangs 1 row to the back, and the clips face the back.

Steps 44 to 45

Horizontally place 2 red 1x4 double sloped curved tiles, 1 in front of the other, on the back 2 rows of studs so together they are centered horizontally.

Steps 46 to 47

Orient your part so it is vertically upright, and the clips are in the back and face up. Now horizontally place a dark tan 1x2 plate with 2 clips on the front row so the clips face the front.

Steps 48 to 49

Place a gold 2x2 plate on top.

Steps 50 to 51

Attach the bar of a red mech chestplate with 2x2 side studs to the front-facing clips so it is upright and the studs face the front. Now place a light blue 2x2 round tile printed with a white triangle upright on the front-facing side studs of the ppp.

Steps 52 to 53

Attach a bar of a red 4x4 windshield dome printed with a gold face and light blue eyes to the 2 top-facing clips so the dome is in the front. This is the mech's head!

Steps 54 to 55

Place your part on top of the top-facing pin of the previous leg assembly.

Group 5 – Iron Man Mech

Steps 56 to 57

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

Steps 58 to 59

Horizontally place 2 red 1x2 plates with a stud and an upright clip, 1 in front of the other, on the 2 leftmost columns so the clips are on the right. Then vertically place a light blue 1x2 half cylinder brick on the leftmost column.

Steps 60 to 61

Place a red 1x2 brick with a pinhole and 1x2 plate on the 2 rightmost columns so the pinhole faces the right. Then vertically place the 2 rightmost columns of a red 3x4 sloped curved brick on the 2 rightmost columns so it is centered vertically and slopes to the left.

Steps 62 to 63

Attach the bar of a red rounded shoulder armor to the 2 top-facing clips so it faces the top left, and the rounded side faces up. Now insert a gold fist with a pin into the right-facing pinhole so the palm faces down and the thumb faces the front.

Steps 64 to 65

Bring back the main build and make sure the shoulder armor of the legs face the front. Then attach the left-facing socket of your arm to the right-facing ball of the main build. Then orient the arm so it rests against the body and the fist faces the front.

Steps 66 to 67

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

Steps 68 to 69

Horizontally place 2 red 1x2 plates with a stud and an upright clip, 1 in front of the other, on the 2 rightmost columns so the clips are on the left. Then vertically place a light blue 1x2 half cylinder brick on the rightmost column.

Steps 70 to 71

Place a red 1x2 brick with a pinhole and 1x2 plate on the 2 leftmost columns so the pinhole faces the left. Then vertically place the 2 leftmost columns of a red 3x4 sloped curved brick on the 2 leftmost columns so it is centered vertically and slopes to the right.

Steps 72 to 73

Attach the bar of a red rounded shoulder armor to the 2 top-facing clips so it faces the top right, and the rounded side faces the up. Now insert a gold fist with a pin into the left-facing pinhole so the palm faces down and the thumb faces the front.

Steps 74 to 75

Make sure the main build is oriented the same and the previous arm is on the right. Then attach the right-facing socket of your arm to the left-facing ball of the main build. Now orient the arm so it rests against the body and the fist faces the front.

Steps 76 to 77

Open up the chestplate and helmet of your mech and place your minifigure inside, then close it back up. Now put your mech away while we make the next part!

Building Instructions (Bag 2, Book 2):

Group 6 – Ultron

Steps 4 to 5

Locate a light grey pair of legs, 1 light grey torso printed with dark grey and red armor, 1 silver head, and 1 light grey helmet printed with red eyes and mouth. Assemble your minifigure and make sure the horns face left and right and the narrow side of the top of the helmet faces the front.

Steps 6 to 7

Attach a transparent aqua diamond to his hand. Now put him away while we make his aircraft!

Group 7 – Ultron's Aircraft

Steps 8 to 9

Horizontally place a light grey 4x6 plate with inverted sloped sides in front of you.

Steps 10 to 11

Place 2 dark grey 1x2 plates with a 1x2 inverted sloped curved brick, 1 to the right of the other, on the back row so together they are centered horizontally and slope and overhang to the back.

Steps 12 to 13

Place a tan 2x2 tile with 2 studs on the 2nd and 3rd rows from the front so it is centered horizontally and the studs are in the front. Then vertically place a tan 1x2 log brick to the left of the ppp. Now repeat symmetrically to the right.

Steps 14 to 15

Place 2 dark grey 1x2 plates with a 1x2 inverted sloped curved brick, 1 to the right of the other, on the front row so together they are centered horizontally and slope and overhang to the front.

Steps 16 to 17

Horizontally place a red 1x4 tile with 2 studs on the 2nd row from the back so it is centered horizontally. Then repeat symmetrically to the front.

Steps 18 to 19

Horizontally place a light grey 2x6 plate with a round side on the back 2 rows so it is centered horizontally and the round side faces the back. Then repeat symmetrically to the front.

Steps 20 to 21

Vertically place a red 1x2 plate with 4 side studs on the leftmost column so it is centered vertically and the side studs face the left. Then repeat symmetrically to the right.

Steps 22 to 23

Place a light grey 2x2 round tile printed with a red circle on the 2 leftmost columns so it is centered vertically. Then repeat symmetrically to the right.

Group 7 – Ultron's Aircraft

Steps 24 to 25

Let's make 2 identical parts! Horizontally place a light grey 1x4 plate in front of you.

Steps 26 to 27

Horizontally place a transparent pink 1x2 plate on top so it is centered horizontally.

Steps 28 to 29

Horizontally place a dark grey 1x3 sloped curved brick on the 2 leftmost columns so it slopes and overhangs 1 column to the left. Then repeat symmetrically to the right.

Steps 30 to 31

Now you should have 2 identical parts! Horizontally place 1 part upright on the left-facing side studs so it is centered horizontally. Then repeat symmetrically to the right.

Steps 32 to 33

Place a dark grey 2x2 angled double slope brick on the back row so it is centered horizontally and the angled part overhangs 1 row to the back. Now horizontally place a light grey 1x2 tri-slope tile in front of the ppp so it is centered horizontally and slopes to the front.

Steps 34 to 35

Horizontally place a transparent pink 2x4 windshield on the front 2 rows so it is centered horizontally and slopes to the front.

Steps 36 to 37

Sit your Ultron minifigure behind the windshield so it is centered horizontally.

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.

Please [sign up](#) for our newsletter and follow us on [Facebook](#) and [Instagram](#) to be the first to know when new instructions are available!

At the end of the instruction booklets are advertisements for the following 4 LEGO Marvel Theme kits:

11211 Loki vs. Team Iron Man

11209 Ultron vs. Iron Man

11206 Spidey on his Motorcycle vs. Rhino

11208 Team Spidey Pirate Ship