

75400 Plo Koon's Jedi Starfighter Microfighter

Adapted by John Le and tested by Jolene Nemeth.

Give young kids an awesome introduction to the LEGO® Star Wars™ universe with Plo Koon's Jedi Starfighter Microfighter. This building toy is the first-ever LEGO Star Wars Microfighters recreation of a Jedi starfighter and makes a cool Star Wars gift for boys, girls and any fans aged 6 years old plus. Designed to be a quick build so the action starts fast, it features authentic details of Plo Koon's starfighter, as seen in Star Wars: The Clone Wars™, and has a LEGO minifigure cockpit and 2 stud shooters.

This fantasy building set also includes a Plo Koon LEGO minifigure with a blue Lightsaber™ that clips to the underside of the Microfighter. There is also an R7-D4 head element that attaches to the fuselage in front of the cockpit to make it seem as if that trusty Star Wars droid is Plo Koon's co-pilot on his missions.

Microscale LEGO® Star Wars™ building toy – Introduce young kids to Star Wars: The Clone Wars™ adventures with this quick-build LEGO Star Wars Microfighters version of Plo Koon's Jedi Starfighter.

Plo Koon LEGO® minifigure – This fantasy building set includes the Star Wars™ character Plo Koon with a blue Lightsaber™ that clips to the underside of the Microfighter.

The first-ever LEGO® Star Wars™ Microfighters building model of a Jedi starfighter – This miniature Jedi starfighter in Plo Koon's own colors has a cockpit for a LEGO minifigure and 2 stud shooters.

Built for action play and display – The Microfighter buildable toy vehicle in this 89-piece set measures over 1 in. (3 cm) high, 4.5 in. (11 cm) long and 3 in. (8 cm) wide.

The front of the box shows Plo Koon flying the starfighter through the sky shooting lasers!

The back of the box shows the starfighter parked on a planet, and Plo Koon in the front wielding his lightsaber!

The top of the box shows a real size image of Plo Koon.

The build is 89 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, els 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/75400>) 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, 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 - Plo Koon and Jedi Starfighter

Group 1 - Page 5.

Group 2 - Steps 1-9.

Group 3 - Steps 10-11.

Group 4 - Steps 12-24.

Bag 2 - Jedi Starfighter

Group 5 - Steps 25-40.

Group 6 - Steps 41-48.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Plo Koon

Step 1

Locate 1 light brown pair of legs printed with dark brown shorts, 1 light brown torso printed with a dark brown shirt, 1 light brown head with dark grey fangs, 1 light grey lightsaber hilt, and 1 transparent aqua 4L bar. Assemble your minifigure, make sure the fangs of the head hang below and face the front, then attach the bar to the thicker side of the hilt, now attach it to your minifigure's hand! Now put him away while we make his starfighter!

Group 2 - Jedi Starfighter

Step 1

Place a light grey 2x2 plate in front of you. Then vertically place a white 1x2 plate with a clip on the short side on the right column so the clip faces the front.

Step 2

Horizontally place a dark grey 2x8 plate on the left column so 7 columns overhang to the left.

Step 3

Flip your build upside down so it is horizontal and the clip faces the front. Now vertically place a light grey 1x2 rounded plate on the rightmost column. Then horizontally place another 1 on the 2x8 plate so it is centered horizontally and vertically on the build.

Step 4

Flip your build over so it is right side up, horizontal, and the clip faces the front. Now vertically place a dark grey 1x2 plate with a hole underneath on the back left corner so the hole overhangs to the back. Now insert a light grey 1L pin with a stud into the left-facing pinhole so the stud faces the left.

Step 5

Vertically place a dark grey 1x2 plate with a hole underneath on the front left corner so the hole overhangs to the front. Now insert a light grey 1L pin with a stud into the left-facing hole of the ppp so the stud faces the left.

Step 6

Horizontally place 2 white 1x2 plates with a hinge connector with 2 fingers on the long side, one to the right of the other, on the front row starting on the second column from the left. Now repeat symmetrically to the back.

Step 7

Vertically place a light grey 1x2 rounded plate on the 4th column from the right.

Step 8

Horizontally place a white 2x4 plate on the 3 rightmost columns so 1 column overhangs to the right. Now place a light grey 2x2 plate on the 3rd and 4th columns from the right.

Step 9

Horizontally place a white 2x4 wedge plate on the front right corner so the angled side overhangs 1 row to the front, and the tip overhangs 2 columns to the right. Then repeat symmetrically to the back.

Group 3 - Jedi Starfighter

Step 10.1

Horizontally place a dark grey 2x8 plate in front of you. Then vertically place a dark grey 1x2 jumper plate on the leftmost column. Now place a light grey 2x2 plate to the right of the jumper.

Step 10.2

Vertically place a brown 1x2 tile on the 4th column from the left. Then horizontally place a white 2x3 brick to the right of the tile.

Step 10.3

Horizontally place your part on the 6 leftmost columns so it is centered vertically and overhangs 2 columns to the left. Make sure the 1x2 jumper plate is on the left!

Step 11

Horizontally place a dark grey 2x3 plate on the 3rd to 5th columns of studs from the right so it is centered vertically. It should sit to the right of the 2x3 brick!

Group 4 - Jedi Starfighter

Step 12

Place a light grey 2x2 plate on the 2 leftmost columns of the ppp. Now vertically place a white 1x2 jumper plate on the left column of the ppp.

Step 13

Horizontally place a dark blue 1x4 angled sloped curved tile on the front right corner so the angled side faces the front and it slopes to the right. Then repeat symmetrically to the back.

Step 14.1

Let's make 2 identical parts! Place a light grey wheel in front of you. Then insert a light grey 1L pin with a stud in the top-facing pinhole so the stud faces up.

Step 14.2

Place a transparent aqua 1x1 cone brick on top. Now insert a transparent aqua 4L bar into the bottom-facing pinhole. This is a booster for the starfighter!

Step 14.3

Now you should have 2 identical parts! Insert the bar of 1 part into the front left-facing side stud. Then repeat symmetrically to the back.

Step 15

Let's make a part! Let's make a wing! Horizontally place a light grey 1x4 plate with 2 hinges on the long side in front of you so the hinges face the front.

Step 16

Place a white 2x2 plate with a cutoff corner on the 2 rightmost columns so 1 row overhangs to the back and the cutoff corner faces the back right.

Step 17

Place a light grey 2x2 plate on the 2 leftmost columns so it overhangs 1 row to the back.

Step 18

Horizontally place a dark blue 4x6 wedge plate on the 3 rightmost columns so it is centered vertically, the angled side faces the back, and the short end overhangs 3 columns to the right.

Step 19

Vertically place a dark blue 2x4 wedge plate on the leftmost column so the angled side faces the left, and the short end faces the back. 2 rows of this part will overhang to the back, and the back edge should align with the other half of the wing!

Step 20

Place a white 2x2 plate with a cutoff corner on the front left corner so the cutoff corner faces the back left. Make sure it sits on 2x2 studs!

Step 21

Place a white 2x2 plate with a cutoff corner to the right of the ppp so the cutoff corner faces the front right. Now horizontally place a white 1x2 tile with a cutoff corner on the front row on the 2nd and 3rd columns from the right so the cutoff corner faces the back left.

Step 22

Flip your part over so it is horizontal and the hinges face the back. Now place a white 1x1 plate on the back right corner. Then place a white 2x2 plate with a cutoff corner on the back 2 rows to the left of the ppp so the cutoff corner faces the front right.

Step 23

Place a dark blue 2x2 inverted sloped curved tile on the 2nd and 3rd columns from the left so it is centered vertically and slopes to the front.

Step 24

Flip your part over so it is horizontal, right side up, and the hinges face the front. Now attach the hinges of your part to the 2 back-facing hinge connectors of the main build.

Building Instructions (Bag 2, Book 1):

Group 5 - Jedi Starfighter

Step 25

Let's make a part! Let's make a wing! Horizontally place a light grey 1x4 plate with 2 hinges on the long side in front of you so the hinges face the front.

Step 26

Place a white 2x2 plate with a cutoff corner on the 2 leftmost columns so 1 row overhangs to the back and the cutoff corner faces the back left.

Step 27

Place a light grey 2x2 plate on the 2 rightmost columns so it overhangs 1 row to the back.

Step 28

Horizontally place a dark blue 4x6 wedge plate on the 3 leftmost columns so it is centered vertically, the angled side faces the back, and the short end overhangs 3 columns to the left.

Step 29

Vertically place a dark blue 2x4 wedge plate on the rightmost column so it is centered vertically, the angled side faces the right, and the short end faces the back. It should overhang 2 rows to the back and the back edge should align with the other half of the wing.

Step 30

Place a white 2x2 plate with a cutoff corner on the front right corner so the cutoff corner faces the back right. Make sure it sits on 2x2 studs!

Step 31

Place a white 2x2 plate with a cutoff corner to the left of the ppp so the cutoff corner faces the front left. Now horizontally place a white 1x2 tile with a cutoff corner on the front row on the 2nd and 3rd columns from the left so the cutoff corner faces the back right.

Steps 32 to 33

Flip your part over so it is horizontal and the hinges face the back. Now place a white 1x1 plate on the back left corner. Then place a white 2x2 plate with a cutoff corner on the back 2 rows to the right of the ppp so the cutoff corner faces the front left.

Step 34

Place a dark blue 2x2 inverted sloped curved tile on the 2nd and 3rd columns from the right so it is centered vertically and slopes to the front.

Step 35

Flip your part over so it is horizontal, right side up, and the hinges face the back. Now attach the hinges of your part to the 2 front-facing hinge connectors of the main build.

Step 36

Place a dark blue 2x2 triangle tile in front of the 2 leftmost columns of the 2x3 brick that is centered on the build so the right angle faces the front left. Then repeat symmetrically to the back.

Step 37

Vertically place a dark blue 1x2 plate on the 2nd column from the left so it is centered vertically.

Step 38

Horizontally place a dark blue 1x2 inverted slope brick on the leftmost column on top of the 1x2 jumper plate so it slopes and overhangs to the left.

Step 39

Place a white 2x2 curved corner plate to the right of the ppp so 1 row overhangs to the front and the cutoff corner faces the front left and so the studs look like the braille letter E. Then repeat symmetrically to the back. Make sure together the 2 ppp are centered vertically!

Step 40

Vertically place a white 1x2 jumper plate on the 3rd column from the left, on top of the 2 ppp so it is centered vertically.

Group 6 - Jedi Starfighter

Step 41

Horizontally place a dark blue 1x2 plate on the 2nd and 3rd columns from the left so it is centered vertically.

Step 42

Place a white 1x1 plate on the leftmost column.

Step 43

Horizontally place a white 1x3 tile on the 3 leftmost columns so it is centered vertically.

Step 44

Place a yellow 1x1 tile on the 1x2 jumper plate that is centered vertically to the left of the 2 1x4 angled sloped curved tiles on the right side. Then vertically place a dark blue 1x2 plate to the left of the ppp so it is centered vertically.

Step 45

Horizontally place a dark blue 2x2 angled plate with extended sides to the left of the ppp so it is centered vertically and the extended sides face the left. Now vertically place a white 1x2 jumper plate on the left column of studs of the ppp so it is centered vertically. Then place a transparent 1x1 slope tile on top so it slopes to the right.

Step 46

Place a white 2x2 dome printed with brown rectangles and buttons to the right of the ppp so it is centered vertically.

Step 47.1

Let's make 2 identical parts! Horizontally place a silver 1x4 stud shooter in front of you so the stud is on the left. Now horizontally insert a dark grey trigger into the top of the ppp so the thicker part is on the left. Now horizontally place a dark blue 1x2 sloped curved tile on the left column so it slopes and overhangs to the left.

Step 47.2

Horizontally place 1 part on the 2nd row from the front so it sits on the 3 studs and the barrel faces the right. Then repeat symmetrically to the back.

Step 48

Locate 4 transparent aqua 1x1 round tiles. Insert these upright into the stud shooters, then shoot them out! Make sure the front wing slopes to the front. Then repeat symmetrically to the back! Now sit your minifigure on the 4th and 5th columns from the left so it is centered vertically and faces the right!

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.

At the end of the instruction booklets are advertisements for the following 3 LEGO Star Wars Theme kits:

75400 Plo Koon's Jedi Starfighter™ Microfighter

75411 Darth Maul Mech

75412 Death Trooper & Night Trooper Battle Pack