75460 New Republic X-Wing Starfighter™

Set adapted by Alex Charbonneau and tested by Natalie Charbonneau.

Reimagine an iconic starship for a new era with the LEGO® Star Wars™ New Republic X-Wing Starfighter (75460) model building toy for kids. Capture the X-wing's classic design and striking blue and white colors of the New Republic, as seen in Star Wars: The Mandalorian and Grogu™. Stow equipment in the rear compartment and check the engines to prepare for battle. Pilot the starfighter with either the Colonel Ward or Carson Teva LEGO minifigure and place the New Republic Astromech LEGO droid figure behind the cockpit. Retract the landing gear, push the button to flip the wings into attack mode and activate the 4 stud shooters. A super gift for boys, girls and any Star Wars: The Mandalorian and Grogu fans ages 9 years old and up, this buildable X-wing toy can be displayed as a cool room decoration between playtime missions. Kids can enjoy intuitive building with the LEGO Builder app, zooming and rotating with 3D instructions, while saving and tracking progress. Set contains 558 pieces.
STARSHIP MODEL BUILDING TOY FOR KIDS – Launch into battle with a LEGO® brick-built model of the New Republic X-Wing Starfighter™ (75460), as seen in Star Wars: The Mandalorian and Grogu™
3 LEGO® STAR WARS™ CHARACTERS – Help either the Colonel Ward or Carson Teva LEGO minifigure up the ladder to the cockpit, and place the New Republic Astromech LEGO droid figure behind the cockpit

BUILD, PLAY AND DISPLAY:
- Recreate the classic design of an X-wing with a New Republic color scheme, relive memorable scenes and display the vehicle as a Star Wars™ decoration between play sessions.

AUTHENTIC DETAILS:
- Stow equipment in the rear compartment, retract the landing gear, push the button to adjust the wings to attack mode and activate the 4 stud shooters.

STAR WARS™ GIFT:
- This building set makes a cool LEGO® gift for boys, girls and any Star Wars: The Mandalorian and Grogu™ fans ages 9 years old and up.

EXPLORE THE RANGE:
- Look out for more collectible LEGO® Star Wars™ sets inspired by Star Wars: The Mandalorian and Grogu™ (sold separately) to relive memorable scenes and create original stories.

ENHANCED, INTERACTIVE FUN:
- The LEGO® Builder app helps kids build independently with tools that let them zoom in and rotate sets using 3D instructions, track progress and save them in one place.

DIMENSIONS:
- The Star Wars™ X-wing in this 558-piece buildable playset measures over 3 in. (8 cm) high, 12 in. (31 cm) long and 11 in. (28 cm) wide.

The box is black with the LEGO logo in the upper left corner, with the words STAR WARS to the right of it. There is a blue band made from LEGO bricks around the top of the box. The Mandalorian and Grogu minifigures shown on this band. The front of the box shows a white and blue starship with four wings arranged in an X-shape flying through space. There is a planet in the background. A battle is happening around the starfighter, with an explosion nearby and green laser bolts whizzing past. The X-wing has a blaster on the tip of each wing and is firing red blaster bolts. The lower right corner of the box shows the included minifigures. There are two New Republic pilots, Colonel Ward and Carson Teva, each wearing an orange flight suit and a blue and white helmet. They have a variety of pouches, hoses, and other equipment on their flight suits, as well as orange visors on their helmets. Each pilot carries a black pistol. There is also a green and white astromech droid.

The top of the box shows a life-sized image of the Colonel Ward minifigure.

The back of the box shows the X-wing landed in front of a hanger. Its X-shaped wings are folded together and the fighter sits on its landing gear with the cockpit open. Colonel Ward is climbing up a yellow ladder towards the cockpit. She has removed her helmet and you can see her waving brown hair. The hanger is on a lush planet, with green trees, blue skies, and sandy ground. There are two small inset images. The first shows how you can push a lever on the top of the X-wing to open and close the wings. The second image shows how part of the back hinges open so you can store some accessories in the fighter.

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 the 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).

For builders with low vision, or a sighted building partner who may want to follow along with the printed visual instructions that come with each kit, PDF versions are always online at LEGO.com: (**https://www.lego.com/en-us/service/building-instructions/75460**) 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 five bags labeled 1-5, a sticker sheet, and an instruction booklet. Sort the pieces into groups as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split across two 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.

This build is 558 pieces, and 198 building steps.

Bag 1 (11 groups of bricks)

Minifigure Group 1 contains the pieces for the Colonel Ward minifigure.

Sub-Build: Access Ladder

Group 1 contains the pieces for steps 1-3 of the access ladder.

Main Build: New Republic X-Wing Starfighter

Group 2 contains the pieces for steps 1-7 of the X-wing.
Group 3 contains the pieces for steps 8-10.
Group 4 contains the pieces for steps 11-18.
Group 5 contains the pieces for steps 19-23.
Group 6 contains the pieces for steps 24-30.
Group 7 contains the dark tan 1x2 slope tile from step 31.
Group 8 contains the pieces for steps 31-38, not including the dark tan 1x2 slope tile from step 31.
Group 9 contains the piece for step 39. Place stickers #3 and #4 for step 39.
Group 10 contains the piece for step 40. Place stickers #6 and #7 for step 40.

Bag 2 (3 groups of bricks)

Minifigure Group 2 contains the pieces for the New Republic Astromech Droid minifigure.

Group 11 contains the pieces for steps 41-43.
Group 12 contains the pieces for steps 44-48.
Group 13 contains the pieces for steps 49-59.

Bag 3 (10 groups of bricks)

Group 14 contains the pieces for steps 60-71, not including the six white 5L thick liftarms from steps 62-77.
Group 15 contains the six white 5L thick liftarms from steps 62-77.
Group 16 contains the pieces for steps 72-78, not including the white 5L thick liftarms.
Group 17 contains the pieces for steps 79-88.
Group 18 contains the pieces for steps 89-91.
Group 19 contains the pieces for steps 92-97.
Group 20 contains the pieces for steps 98-101.
Group 21 contains the pieces for steps 102-103.
Group 22 contains the pieces for step 104.
Group 23 contains the pieces for step 105.

Bag 4 (9 groups of bricks)

Minifigure Group 3 contains the pieces for the Carson Teva minifigure.

Group 24 contains the pieces for steps 106-113.
Group 25 contains the pieces for steps 114-117.

Group 26 contains the pieces for steps 118-120.
Group 27 contains the pieces for steps 121-125.
Group 28 contains the pieces for steps 126-133.
Group 29 contains the pieces for steps 134-137.
Group 30 contains the pieces for steps 138-140.
Group 31 contains the pieces for steps 141-146.

Bag 5 (9 groups of bricks)

Group 32 contains the pieces for steps 147-154.
Group 33 contains the pieces for steps 155-158. Place sticker #1 for step 158.
Group 34 contains the pieces for steps 159-161.
Group 35 contains the pieces for steps 162-166. Place sticker #5 for step 165.
Group 36 contains the pieces for steps 167-174.
Group 37 contains the pieces for steps 175-178. Place sticker #2 for step 178.
Group 38 contains the pieces for steps 179-181.
Group 39 contains the pieces for steps 182-186. Place sticker #5 for step 185.
Group 40 contains the pieces for steps 187-192.

A note on LEGO Technic™ part names. These parts are somewhat different from regular LEGO bricks. I'll include 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.

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.

Building Instructions:

Bag 1.

Minifigure Group: Colonel Ward

Assemble the Colonel Ward minifigure by placing the torso on the legs, and the head on the torso. You can either display her with hair, or with a flight helmet. Her head is printed on both sides. If you want to show her with her helmet, one side is printed with a visor and chinstrap. The other side is printed without those so you can show her with her brown hair. She wears an orange flight suit and black gloves. The flight suit has numerous pockets, straps, as well as a small control panel over the chest. Colonel Ward holds a black pistol in one hand.

Group 1.

Sub-Build: Access Ladder

Step 1.1

Let’s build a ladder so the pilots can get in and out of the X-wing! Place a light gray 4x4 double wedge plate, with the rows of two studs at the front, in front of you.

Step 1.2

Place a dark gray 1x2 plate with a handle bar on one side, horizontally with the handlebar at the back, on the back row of studs on the previous piece. The wedge plate will continue behind this piece.

Step 2

Place a light gray 2x2 curved slope tile, with the higher side at the back, on the front two rows of the assembly.

Step 3

Clip a yellow ladder, upright with the clips at the bottom, onto the 1x2 plate with a handlebar. This completes the access ladder.

Group 2.

Main Build: X-Wing Starfighter

Step 1.1

Now we'll build the X-wing! We'll start by making the fuselage. Set the ladder aside. Place a light blue 2x4 plate, horizontally, in front of you.

Step 1.2

Place a light gray 1x4 plate with rounded ends, vertically and centered vertically, under the rightmost column of the previous piece.

Step 2

Place a white 1x1 plate with a stud sticking up from one side, with the side stud at the front, on the front stud of the previous piece. Repeat symmetrically on the back side.

Step 3

Place a white 2x6 plate, horizontally, under the 2x4 plate and to the left of the 1x4 plate with rounded ends so the front sides are even. On the back row of this piece will attach. Place another behind the first.

Step 4

Place a black 1x2 brick with an axle hole, vertically, on the front two studs on the rightmost column of the fuselage. Place another behind the first.

Step 5.1

Place a blue 1x1 plate with two studs sticking up from one side, with the side studs at the front, on the front row and to the left of the front piece from the previous step. Repeat symmetrically on the back side.

Step 5.2

Place a white 1x2 plate with two rows of two studs sticking up from one side, horizontally with the side studs at the front, to the left of the front piece from the previous step. Repeat symmetrically on the back side.

Step 6

Place a yellow 1x2 brick with a pin hole, vertically, to the left of the front 1x2 brick with an axle hole from step 4. Place another behind the first. These pieces will go on the second column from the right.

Step 7

Place a black 1x2 brick with an axle hole, vertically, to the left of each of the previous two pieces.

Group 3.

Step 8.1.1

Now we'll make a small assembly. Set the rest of the fuselage aside for now. Place a white 4x8 plate, horizontally, in front of you.

Step 8.1.2

Place a dark gray 1x1 round plate on the front left corner of the previous piece. Place another on the back left corner.

Step 8.2

Place the front row of a black 2x2 plate with two studs on one side, with the side studs at the front, to the right of the front piece from the previous step. Place another symmetrically behind the first. Repeat these two pieces two more times to the right. You'll place six pieces in this step and there will be one free column of studs on the right end of the 4x8 plate.

Step 8.3

Place the rest of the fuselage, horizontally with the 1x2 bricks on the right, in front of you. Place the right three columns on the second assembly on the left three columns on the first part of the fuselage.

Step 9.1

Now we'll make another small assembly. Stack two light blue 2x4 plates and place the stack, vertically, in front of you.

Step 9.2

Place a yellow 2x2 corner plate, with the corner at the back right so the studs form a braille letter D, on the front two rows of the stack. Place another symmetrically behind the first.

Step 9.3

Place the small assembly on the fourth and fifth columns from the right side of the fuselage. This will be to the left of the left pair of 1x2 bricks with axle holes.

Step 10.1

Next, we'll start extending the fuselage. Set the first part of the fuselage aside for now. Place a white 2x16 plate, horizontally, in front of you.

Step 10.2

Place a white 1x2 jumper plate, vertically, on the leftmost column of the previous piece. Place two more to the right of the first.

Step 10.3.1

Place a light gray 2x3 tile, horizontally, to the right of the rightmost piece from the previous step.

Step 10.3.2

Place a white 1x2 plate with a rail on one side, horizontally with the rail at the front, on the front row to the right of the previous piece. Place another symmetrically behind the first.

Step 10.4.1

Place a white 1x2 jumper plate, vertically, to the right of the previous two pieces. Place another to the right of the first.

Step 10.4.2

Place a light gray 1x2 plate with rounded ends, vertically, to the right of the rightmost piece from the previous step.

Step 10.5
Place the rest of the fuselage, horizontally with the bricks on the right, in front of you. Place the right five columns of the second assembly, centered vertically, under the left five columns of the first part of the fuselage. The 1x2 plate with rounded ends on the second assembly should be to the left of the first assembly.

Group 4.

Step 11
Place the left stud of a lime green 1x2 plate with rounded ends, horizontally, on the front stud of the light gray 1x2 plate with rounded ends that we placed in step 10.4.2. Place another behind the first.

Step 12.1
Place a dark tan 1x2 ingot tile, vertically and centered vertically, on the fifth column from the right. This is on two 2x2 corner plates.

Step 12.2
Place a tan 2x2 slope brick, with the slope on the left, to the left of the previous piece. This will be the pilot’s backrest.

Step 12.3
Place a dark tan 1x2 ingot tile, vertically, to the left of the previous piece. This is the pilot’s seat cushion.

Step 13.1
Place a tan 1x2 T-shaped wall panel, vertically with the longest wall on the left, to the left of the previous piece. This is the pilot’s footrest.

Step 13.2
Place a lime green 1x2 plate with rounded ends, vertically, to the left of the previous piece.

Step 13.3
Place the back row of a yellow 2x2 corner plate, with the corner at the back left so the studs form a braille letter F, to the left of the front stud of the previous piece. Place another symmetrically behind the first.

Step 14.1.1
Place a tan 4x4 plate on the right four columns of the fuselage.

Step 14.1.2
Place a white 2x2 tile, centered vertically, on the right two columns of the previous piece.

Step 14.2
Place a dark gray 1x2 jumper plate, horizontally, in front of the previous piece. Repeat symmetrically on the back side.

Step 15.1

Place a light gray 1x2 brick with two studs on one long side, horizontally with the side studs at the front, on the front row to the left of the 4x4 plate from step 14.1.1. There will be one side stud below the left stud of this piece. Repeat symmetrically on the back side.

Step 15.2

Place a tan 1x2 plate, horizontally, to the left of each of the previous two pieces.

Step 16

Place a tan 2x3 plate, horizontally, to the left of the 1x2 T-shaped wall panel from step 13.1. This piece is on the ninth column from the right. Place another on top of the first.

Step 17

Place a light gray 1x4 brick with four studs on one long side, horizontally with the side studs at the front, in front of the pieces from the previous step so the left sides are even. Repeat symmetrically on the back side.

Step 18

Find the pair of 1x2 jumper plates that are on the section of the fuselage that is only two rows wide. This pair is to the right of two 1x2 plates with rails. Place a tan 1x2 plate, horizontally, on these two pieces. Place another on the first.

Group 5.

Step 19.1.1

Place a light green 2x2 plate to the left of the previous two pieces.

Step 19.1.2

Place a white 1x2 jumper plate, vertically, on the right column of the previous piece.

Step 19.2

Place a red 1x2 plate, vertically, to the left of the previous piece.

Step 20.1

Place the left stud of a light gray 1x3 plate, horizontally, on the jumper plate to the right of the previous piece. Place another on top of the first. These will attach to a stack of 1x2 plates.

Step 20.2

Place a tan 1x3 jumper plate, horizontally, on the stack we just placed.

Step 21.1.1

Now we'll make another small assembly. Set the fuselage aside for now. Place a white 1x1 brick with a pin hole, with the hole facing left and right, in front of you.

Step 21.1.2

Slide a brown 5L axle with a stop on one end, with the stop on the right, from the right, through the hole in the previous piece. Slide it all the way to the left.

Step 21.2

Push a dark gray 1x1 brick with an axle hole, with the hole facing left and right, onto the left side of the previous piece. Push it all the way to the left until it touches the 1x1 brick with a pin hole. Push another over the axle until it touches the first.

Step 21.3.1

Place a light gray 1x3 plate, horizontally, on the assembly.

Step 21.3.2

Place a tan 1x3 jumper plate, horizontally, on the previous piece.

Step 21.4

Place the rest of the fuselage, horizontally with the side that's four columns wide on the right, in front of you. Place the assembly we just placed, horizontally with the axle extending to the left, on the left three columns on the fuselage. The assembly will attach to three 1x2 jumper plates.

Step 22.1

Now we'll build the sides of the nose. The X-wing's nose is hexagonal in cross section, and tapers down near the front. Set the rest of the fuselage aside for now. Place a white 2x12 plate, horizontally, in front of you.

Step 22.2

Place a white 1x2 slope tile, horizontally with the thick side at the front, on the back row of the previous piece so the right sides are even. Place three more to the left of the first.

Group 5 contains the dark tan 1x2 slope tile for the next step.

Step 23.1

Place the dark tan 1x2 slope tile from group 5, horizontally with the tall side at the front, to the left of the leftmost piece from the previous step.

Step 23.2

Place a white 1x2 slope tile, horizontally with the tall side at the front, to the left of the previous piece.

Group 6.

Step 24

Place a blue 1x2 slope tile, horizontally with the tall side at the back, in front of the previous piece. Place five more to the right of the first until the entire 2x12 plate is covered.

Step 25

Rotate the side assembly so it’s upside down and horizontal with the row of blue slope tiles at the back. Place a dark gray 2x2 plate with a 2L bar under one column of studs, upside down with the 2L bar on the right, on the right two columns of the assembly.

Step 26.1

Place the right column of a dark gray 2x2 inverted curved slope tile, upside down with the higher side on the right, on the left column of the previous piece.

Step 26.2

Place a light green 1x1 round plate, upside down, on the back row to the left of the previous piece.

Step 27.1.1

We’ll build another small assembly now. Set the side panel aside for now. Place a black 1x2 plate with a pin hole on one side, horizontally with the hole on the left, in front of you.

Step 27.1.2

Place the back row of a dark gray 2x2 inverted curved slope tile, with the higher side at the front, under the previous piece.

Step 27.2

Push a light gray 2L pin, from the front, into the hole on the assembly.

Step 27.3

Place the side panel, upside down and horizontally with the bar on the right, in front of you. Rotate the assembly we just made so it’s upside down with the pin at the back. Place this assembly on the wing panel so there is one free column of anti-studs to the right between it and the 1x1 round plate from step 26.2. There will be four free anti-stud columns to the left of it.

Step 28.1.1

Now we’ll make another small assembly that will connect to two side panels. Set the side panel aside for now. Place a blue 2L axle connector, horizontally with the holes on the left and right, in front you.

Step 28.1.2

Push a red 2L axle into the right hole of the previous piece.

Step 28.2.1

Push the axle hole of a red 1x2 brick with an axle hole, vertically, onto the right side of the previous piece.

Step 28.2.2

Find a black 2L thick liftarm with a 1L axle on one side, vertically with the holes facing up and down and the axle on the right, into the hole on the left side of the 2L axle connector.

Step 28.3

Place the side panel, horizontally with the anti-studs at the front and the 2L bar on the right, in front of you. Find the pin that points up on the front side, about midway down. Push the back hole of the 2L thick liftarm, from the top, onto this pin. The 1x2 brick with an axle hole should be to the right of a 2x2 inverted curved slope tile.

Step 29

Now we'll build the other side panel. Place a white 2x12 plate, horizontally, in front of you.

Step 30

Place a blue 1x2 slope tile, horizontally with the tall side at the front, on the back row of the previous piece so the right sides are even. Place five more to the left of the first.

Group 7 contains the dark tan piece from the next step. Group 8 contains the rest of the pieces from step 31-38.

Step 31.1

Place a white 1x2 slope tile, horizontally with the tall side at the back, in front of the leftmost piece from the previous step.

Step 31.2

Place the dark tan 1x2 slope tile from group 7, horizontally with the tall side at the back, to the right the previous piece.

Step 31.3

Place a white 1x2 slope tile, horizontally with the tall side at the back, to the right the previous piece. Place three more to the right of the first so the entire 2x12 plate is covered.

Step 32

Rotate the side assembly so it’s upside down and horizontal with the row of blue slope tiles at the front. Place a dark gray 2x2 plate with a 2L bar under one column of studs, upside down with the 2L bar on the right, on the right two columns of the assembly.

Step 33.1

Place the right column of a dark gray 2x2 inverted curved slope tile, upside down with the higher side on the right, on the left column of the previous piece.

Step 33.2

Place a light green 1x1 round plate, upside down, on the front row to the left of the previous piece.

Step 34.1.1

We’ll build another small assembly now. Set the side panel aside for now. Place a black 1x2 plate with a pin hole on one side, horizontally with the hole on the right, in front of you.

Step 34.1.2

Place the back row of a dark gray 2x2 inverted curved slope tile, with the higher side at the front, under the previous piece.

Step 34.2
Push a light gray 2L pin, from the front, into the hole on the assembly.

Step 34.3
Place the side panel, upside down and horizontally with the bar on the right, in front of you. Rotate the assembly we just made so it's upside down with the pin at the front. Place this assembly on the wing panel so there is one free column of anti-studs to the right between it and the 1x1 round plate from step 33.2. There will be four free anti-stud columns to the left of it.

Step 35
Place the first side panel, horizontally with the 1x2 slope tiles at the back and the bar on the right, in front of you. Rotate the second side panel so it's horizontal with the anti-studs at the back and the 2L bar on the right. Find the pin that points up on the back side, about midway down. Push the front hole of the 2L thick liftarm that's on the first side panel, from the top, onto this pin. The 1x2 brick with an axle hole should be to the right of a 2x2 inverted curved slope tile. The left ends of the two side panels should be closer together than the right ends.

Step 36
Place the rest of the fuselage, horizontally with the columns of four studs on the right, in front of you. Find the two columns of two studs that are on the narrower, left part of the fuselage. The right column is just to the right of the wider portion of the fuselage. The studs on the right column are hollow. Push the two 2L bars that are on the right side of the side panels, from the top, into the right two hollow studs. The 1x2 brick that's between the side panels should attach to the other column of studs.

Step 37
Push the leftmost, hollow stud of a light gray 1x4 plate with rounded ends, horizontally, onto the top side of each of the two bars on the side panels. The right three columns will attach to the rest of the fuselage.

Step 38
Find the two rows of side studs on the front side of the fuselage. Place a white 2x4 double slope tile, horizontally, on these two rows so there are four free studs to the right of its bottom row. Repeat symmetrically on the back side.

Group 9.

Step 39
Place a white 2x4 double slope tile with stickers, horizontally, to the left of the front piece from the previous step. This piece has stickers with a blue and white diagonal stripe. 9

Group 10.

Step 40

Repeat the previous step symmetrically on the back side. This piece's stickers are the mirror image of the ones on the front side.

Bag 2.

Minifigure Group: New Republic Astromech Droid

Now we'll build the astromech droid. The body is a 2x2x2 cylinder with holes on the sides. It is printed with various switches and panels. Place the white body in front of you, with the holes on the left and right and the studs on top and the printing at the front. Push the pin of a white leg, with the wide side of the leg at the bottom, into each of the holes. Place the dark green 2x2 round dome on the body. Like the body, the head is printed with various panels, lights, and switches. The printing on the body and head are directional, so you may want to ask a sighted person to get these in the right orientation.

Main Build: X-Wing Starfighter

Group 11.

Step 41.1.1

Now we'll build the X-wing's nosecone. Set the fuselage aside for now. Place a light gray 1x5 plate, horizontally, in front of you.

Step 41.1.2

Place a light gray 1x1 brick with studs on two opposite sides, with the side studs at the front and back, on the rightmost stud of the previous piece.

Step 41.2.1

Place a light gray 1x2 brick with two studs on two opposite sides, horizontally with the side studs at the front and back, to the left of the previous piece.

Step 41.2.2

Place a dark gray 1x1 brick with an axle hole, with the hole facing left and right, to the left of the previous piece. Place another to the left of the first. This will be on the leftmost stud of the 1x5 plate.

Step 41.3

Place a brown 1x3 plate, horizontally, on the left three studs of the nosecone.

Step 41.4.1

Place a light gray 1x1 round tile on the leftmost stud of the previous piece.

Step 41.4.2

Place a light green 1x1 round plate to the right of the previous piece.

Step 41.5
Place the leftmost stud of a light gray 1x4 curved slope tile, horizontally with the higher side on the left, on the previous piece.

Step 41.6
Place the rightmost three studs of a light gray 2x4 left wedge slope brick, horizontally with the stud at the bottom left and the slopes on the right and top, on the three side studs on the front side of the nosecone. Repeat symmetrically on the back side with a light gray 2x4 right wedge slope brick.

Step 41.7
Place the fuselage, horizontally with the axle on the right, in front of you. Push the axle hole on the left side of the nosecone onto the right side of the axle. Push the nosecone all the way to the left.

Step 42.1.1

Now we'll build a panel to cover the top of the nose. Set the fuselage aside for now. Place a white 4x9 double wedge plate, horizontally with the columns of two studs on the right, in front of you.

Step 42.1.2
Place a blue 2x3 tile, horizontally and centered vertically, on the previous piece so there are three free columns to the left of it.

Step 42.2
Place a white 2x6 tile, horizontally, to the right of the previous piece. The right three studs will overhang.

Step 42.3
Place the left three columns of a white 2x6 plate, horizontally, under the right three overhanging columns of the previous piece.

Step 42.4
Place the fuselage, horizontally with the nosecone on the right, in front of you. Place the top panel, centered horizontally, on the fuselage to the left of the nosecone.

Step 43.1

Place a white 1x1 plate to the left of the front row of the assembly we just placed. Repeat symmetrically on the back side.

Step 43.2
Place a white 1x2 wall panel, horizontally with the wall at the front, to the left of the front piece from the previous step. Repeat symmetrically on the back side. These pieces go in a recess and their top sides should be even with the tops of the 1x1 plates.

Group 12.

Step 44.1

Now we'll work on the bottom of the fuselage. Rotate the fuselage so it's upside down and horizontal with the nosecone on the right. Place a white 1x5 plate, upside down and horizontally, on the front row of the fuselage so the left sides are even. Repeat symmetrically on the back side.

Step 44.2
Place a white 3x4 wedge plate, upside down and vertically with the columns of two studs on the right, to the right of the previous two pieces.

Step 45.1.1

Now we'll build the mount for the nose landing gear. Place a white 1x2 plate with two studs hanging down from one side, upside down and vertically with the side studs on the right, centered vertically to the right of the previous piece.

Step 45.1.2
Place a light gray 1x2 plate with two click fingers on one side, vertically with the click fingers on top and the studs on the right, on the side studs on the right side of the previous piece.

Step 45.2
Place a white 1x2 ingot tile, vertically with the anti-studs on the left, on the previous piece.

Step 46.1

Place a white 1x2 plate, upside down and vertically, to the right of the previous piece.

Step 46.2
Place the left column of a white 2x2 inverted curved slope tile, upside down with the higher side on the left, on the previous piece.

Step 47

Place a tan 2x2 brick, upside down and centered vertically, on the leftmost two columns of the fuselage.

Step 48.1

Place a dark gray 1x2 inverted double slope brick, upside down and vertically, centered vertically on the left column of the previous piece.

Step 48.2
Place a white 2x4 inverted double slope brick, upside down and vertically, to the right of the previous piece.

Step 48.3
Place a white 4x6 inverted wedge slope, upside down and horizontally with the columns of two studs on the right, to the right of the previous piece.

Group 13.

Step 49.1.1

Now, we'll add the instrument panel. Set the fuselage aside for now. Place a light gray 1x2 plate with two studs sticking up from one side, vertically with the side studs on the left, in front of you.

Step 49.1.2
Place the left column of a light gray 2x2 curved slope tile, with the higher side on the left, on the previous piece.

Step 49.2
Place a light gray 1x2 tile with an instrument panel print, vertically, on the side studs on the left of the assembly.

Step 49.3
Place the fuselage, upright and horizontal with the nosecone on the right, in front of you. Find the 2x3 and 2x6 tiles that are to the left of the nosecone. Skip one column to the left of these two tiles and place the instrument panel assembly, with the 1x2 tile on the left. The 1x2 tile should overhang a 1x2 T-shaped wall panel.

Step 50.1

Next, we'll build the mount for the cockpit canopy. Set the fuselage aside for now. Place a light gray 2x4 plate, horizontally, in front of you.

Step 50.2
Place a white 1x4 brick, horizontally, on the back row of the previous piece.

Step 51

Place a dark gray 1x2 brick with vertical grooves on one side and horizontal grooves on the other, horizontally with the horizontal grooves at the front, centered horizontally in front of the previous piece.

Step 52

Place the front stud of a light gray 1x2 plate with a clip on one stud, vertically with the clip at the front, on the left stud of the previous piece. Place another to the right of the first.

Step 53.1.1

Now we'll make two small assemblies. Place a white 1x3 plate with rounded ends, vertically, in front of you.

Step 53.1.2
Place a white 1x1 plate with a 1x1 slope tile on one side, vertically with the slope at the front, on the back two studs of the previous piece.

Step 53.2
Place a green 1x1 round plate on the previous piece.

Step 53.3
Repeat steps 53.1.1-53.2.

Step 53.4
Place the back stud of one assembly, vertically with the 1x1 round plate at the back, on the front left stud of the cockpit mount assembly. Repeat symmetrically on the right side.

Step 54

Place a white 1x2 plate with two rows of two studs hanging down, vertically with the side studs on the left, on the leftmost column of the assembly so the back sides are even. Repeat symmetrically on the right side.

Step 55

Place a white 1x2 plate, horizontally, on the left two studs on the back row of the assembly. Place another to the right of the first.

Step 56.1

Place the back stud of a white 1x2 curved slope tile, vertically with the higher side at the back, on the left stud of the left piece from the previous step. Repeat symmetrically on the right side.

Step 56.2

Place a white 1x2 ingot tile, horizontally, on the back row between the previous two pieces.

Step 57

Place the fuselage, horizontally with the nosecone on the right, in front of you. Rotate the cockpit mount so the taller side is on the left and the side studs are at the front and back. Place the cockpit mount to the right of the leftmost two columns on the fuselage. These columns have two jumper plates and a 2x2 tile and will be the mount for the astomech droid.

Step 58

Clip the bar of a transparent 4x8 windscreen, horizontally with the bar on the left, into the two clips on top of the cockpit mount. The windscreen is printed with light gray framing.

Step 59

Find the two axle holes on the left side of the fuselage. Push a yellow 11L axle into each of these holes. Push them all the way in. They will extend about 8L to the left.

Bag 3.

Group 14.

Step 60.1

Now we will build the mechanism that extends and closes the X-wing's wings. These wings are actually called "S-foils" in Star Wars. Set the fuselage aside for now. Place a light gray 3x3 T-shaped liftarm, laying flat with the stem of the T pointing left and the holes facing up and down, in front of you. There should be a column of three holes on the right.

Step 60.2

Push a black 2L pin, from the top, into both the front and back holes on the right column of the previous piece so they extend 1L above it. These pins have friction ridges and will not spin freely.

Step 61

Push a dark gray 5L thick liftarm, vertically with the holes facing up and down, centered vertically on the right column of the assembly. It will attach to the previous two pieces.

Group 15 contains the six white 5L thick liftarms from steps 62-77.

Step 62.1

Push a black 2L pin, from the bottom, into the back hole of the previous piece. This pin has friction ridges and will not spin freely.

Step 62.2

Push the rightmost hole of a white 5L thick liftarm from group 15, horizontally with the holes facing up and down, from the bottom onto the previous piece.

Step 63.1

Push a black 2L pin, from the bottom, into the front hole of the dark gray 5L liftarm that’s vertical on the right column of the assembly. This pin has friction ridges and will not spin freely.

Step 63.2

Push the middle hole of a white 5L thick liftarm from group 15, horizontally with the holes facing up and down, from the bottom onto the previous piece.

Step 64

Push a blue 3L pin, upright with the 2L side at the top, from the top into the second hole from the left on the previous piece. Push another into the rightmost free hole of the back horizontal 5L liftarm. Both of these pins will extend 2L up and will be to the left of the vertical 5L liftarm.

Step 65.1

Push a light gray 6L thin liftarm, vertically with the holes facing up and down, onto the previous two pieces. The back hole will go onto the back pin and the front hole will overhang. Push another over the first. Push them all the way down. The blue pins will extend 1L above the top piece.

Step 65.2

Push a black 2L pin, from the top, into the front hole of the top piece from the previous step. Push it all the way down. It will extend 1L above the two thin liftarms.

Step 65.3

Push a dark gray 1L liftarm, with the holes facing up and down, onto the previous piece. This piece is just shaped like a hollow cylinder. This pin will be the lever that you push down to extend the wings.

Let’s take stock of the wing mechanism! There should be a vertical 6L liftarm which has the lever on top and a 5L liftarm to the right of this piece. There should be a 5L liftarm horizontally under the back row which extends 3L to the left of the two vertical liftarms, and a 5L liftarm under the second row from the front which extends 2L to the right and 1L to the left. Only the front hole of the 6L liftarm and the 1L liftarm should extend in front of the front 5L liftarm.

Step 66.1.1

Now we’ll make another small assembly. Set the first part of the wing mechanism aside for now. Place a white 5L thick liftarm from group 15, horizontally with the holes facing front and back, in front of you.

Step 66.1.2

Push the 2L side of a blue 3L pin, with the 1L side at the front, from the front into the leftmost, rightmost and second from the right holes in the previous piece. Push them all the way in so they extend 1L to the front and back. You’ll place three pieces in this step.

Step 66.2

Find a white 2L thick liftarm with a 1L thin liftarm sticking up from two sides. This piece looks kind of like a letter U. Push the two pin holes on this piece, horizontally with the thin liftarms sticking up, from the front onto the right pair of pins on the front side of the 5L liftarm. Repeat symmetrically on the back side.

Step 66.3

Push the axle side of a black 3L axle/pin combo with a 2L axle side, with the pin side on the right, from the right, into the two axle holes of each of the two pieces from the previous step. The 1L pin sides will extend to the right.

Step 66.4

Find the two 2L liftarms with 1L thin liftarms from step 66.2. Keeping it horizontal with the previous pieces on the right, rotate the assembly so the 1L thin liftarms we just found are at the front and so the leftmost pin is upright. Push the back hole of a dark gray 5L thick liftarm, vertically with the holes facing up and down, from the bottom onto the pin in the leftmost hole of the assembly. It will extend 4L to the front.

Step 66.5

Place the rest of the assembly, with the 1L liftarm that’s the lever on top at the front, in front of you. The lever is in the front hole of a 6L thin liftarm, which has two pins sticking up from it. Find the leftmost free hole on the horizontal 5L liftarm on the second assembly and push it, from the top, onto the back pin on the lever 6L liftarm. The vertical 5L liftarm on the second assembly should be to the left of the lever 6L liftarm. The 2L liftarms on the second assembly should be to the right of the 5L liftarm that’s to the right of the lever 6L liftarm.

Step 67.1

Find the leftmost vertical 5L thick liftarm. Push the pin side of a black 3L axle/pin combo with a 2L axle side, with the axle side on top, from the top, in the backmost free hole on this piece. There will be a liftarm with a pin sticking up behind this piece. Skip the hole in front of the previous piece and place another. There will be one free hole in front of the second piece.

Step 67.2

Push a blue 3L pin, upright with the 2L pin side at the top, from the top into the hole in front of the front piece from the previous step.

Step 68

Slide the left column of a light gray 3x3 T-shaped liftarm, laying flat with the stem of the T pointing right and the holes facing up and down, onto the two axles sticking up behind the previous piece. It won't connect to anything yet.

Step 69.1.1

Now we'll make another small assembly. Set the wing mechanism aside for now. Place a white 5L thick liftarm from group 15, horizontally with the holes facing front and back, in front of you.

Step 69.1.2

Push the 2L side of a blue 3L pin, with the 2L pin side at the back, from the front into the leftmost and second from the left holes in the previous piece. Push them all the way in so they extend 1L to the front and back.

Step 69.2

Push the two pin holes of a white 2L thick liftarm with a 1L thin liftarm sticking up from two sides, horizontally with the thin liftarms sticking up, from the front onto the two pins on the front side of the 5L liftarm. Repeat symmetrically on the back side.

Step 69.3

Push the axle side of a black 3L axle/pin combo with a 2L axle side, with the pin side on the left, from the left, into the two axle holes of each of the two pieces from the previous step. The 1L pin sides will extend to the left.

Step 69.4

Find the two 2L liftarms with 1L thin liftarms from step 69.2. Keeping it horizontal with the previous pieces on the left, rotate the assembly so the 1L thin liftarms on the pieces we just found are at the back.

Step 69.5

Place the rest of the assembly, with the 1L liftarm that's the lever on top at the front, in front of you. There is a pin sticking up from behind the lever. Push the second hole from the right on the assembly we just made, from the top, onto this pin. The leftmost free hole will go onto a 3L pin. There should be two pins extending to the left from this assembly.

Let's take stock of our wing mechanism again! There should be two pins extending from both the left and right sides of the assembly. There will be a 1L liftarm, which is our lever, at the front on top. There will be a 5L thick liftarm extending 3L to the left of the lever on the front row, and another 5L thick liftarm on the back row that extends 3L to the right. There is a column of two pins and two axles that extends from the top of the mechanism.

Step 70

Push a dark gray 5L thick liftarm, vertically with the holes facing up and down, from the top onto these pins and axles. Its back side should be even with the back of the mechanism.

Step 71.1

Now we'll make a couple of small assemblies. Set the mechanism aside for now. Place a white 2L thick liftarm with a 1L thin liftarm sticking up from two sides, horizontally with the thin liftarms sticking up, in front of you.

Step 71.2

Push the pin side of a light gray 2L pin with a bushing on one side, with the bushing at the front, from the front into each of the two pin holes on the front side of the previous piece. Push them all the way in so the pin sides extend 1L behind the previous piece.

Step 71.3
Push the axle side of a dark gray 3L axle/pin combo with a 1L axle side, with the pin side at the front, from the front into the bushing side of each of the previous two pieces.

Step 71.4
Push the pin holes of a white white 2L thick liftarm with a 1L thin liftarm sticking up from two sides, horizontally with the thin liftarms sticking up, from the front onto the previous two pieces . Push it all the way back so the pins extend 1L in front of it.

Step 71.5
Push the axle side of a black 3L axle/pin combo with a 2L axle side, with the pin side on the left, from the left, into the two axle holes of each of the two 2L liftarms with thin liftarms. The 1L pin sides will extend to the left.

Step 71.6
Repeat steps 71.1-71.4.

Step 71.7
Place the rest of the wing mechanism, horizontally with the lever on top at the front, in front of you. Rotate one of the assemblies we just made so it’s upright with two pins facing up, two pins facing down, and two pins at the back facing to the right. Push the bottom pins into the rightmost two holes on the front row of the mechanism. The pins on the right side of this assembly should be even with a pair of pins behind them, and there should be a 1L gap between these pairs of pins.

Step 71.8
Rotate the other assembly we just made so it’s upright with two pins facing up, two pins facing down, and two pins at the front facing to the left. Push the bottom pins into the leftmost two holes on the back row of the mechanism. The pins on the left side of this assembly should be even with a pair of pins in front of them, and there should be a 1L gap between these pairs of pins.

Group 16.

Step 72.1
Now we’ll make yet another assembly! Set the wing mechanism aside for now. Place a dark gray 5L thick liftarm, vertically with the holes facing up and down, in front of you.

Step 72.2
Push a black 2L pin, from the top, into all but the middle hole of the previous piece so they extend 1L above it. You’ll place four pieces in this step.

Step 73
Push the rightmost hole of a white 5L thick liftarm from group 15, horizontally with the holes facing up and down, onto the top side of the backmost piece from the previous step.

Step 74.1

Let’s make another small assembly. Place a dark gray 5L liftarm, vertically, in front of you.

Step 74.2

Push a black 2L pin, from the top, into both the front and back holes of the previous piece.

Step 74.3

Push a red 1L pin with a stud on one side, with the stud on top, behind the front piece from the previous step. Repeat symmetrically on the back side.

Step 74.4

Push the back pin on the assembly we just made, from the bottom, into the rightmost free hole on the horizontal 5L liftarm from step 73. The assembly should be to the left of the vertical 5L liftarm already placed.

Step 75

Place the right column of a yellow 3x3 T-shaped liftarm, laying flat with the stem of the T pointing to the left, onto the back two pins on the right column of the assembly. The stem will be between the studs of the previous two pieces and the leftmost hole will overhang.

Step 76

Place the rest of the wing mechanism, horizontally with the lever at the front and two pairs of pins pointing up, in front of you. Place the leftmost two holes on the assembly we just made, from the top, on the two pins sticking up on the back row of the wing mechanism. The two vertical 5L liftarms on the assembly should be to the right of another 5L liftarm on the rest of the mechanism.

Step 77

There should be four pins sticking up from the front row of the mechanism. Push the right four holes of a white 5L thick liftarm from group 15, horizontally with the holes facing up and down, onto these pins.

Step 78

Place the fuselage, horizontally with the nosecone on the right, in front of you. Rotate the wing mechanism so it’s vertical with the lever on top and four pins sticking out on both the left and right sides. The lever should be closer to the left end of the mechanism. Find the 3x3 T-shaped liftarm that’s centered on the right end of the mechanism. Slide the two axles on the left side of the fuselage through the left and right holes on the center row of this piece. Slide the fuselage all the way to the left until it touches the mechanism.

Group 17.

Step 79

Now we’ll build the end of the fuselage. Set the rest of the fuselage aside for now. Place a light gray 2x4 brick, horizontally, in front of you.

Step 80

Place a white 2x4 double inverted slope brick, vertically and centered vertically, under the right two columns of the previous piece. Place another to the left of the first.

Step 81

Place a light gray 1x2 plate with two studs sticking up from one side, horizontally with the side studs at the front, on the front row of the assembly so the right sides are even. Repeat symmetrically on the back side.

Step 82.1

Place a blue 1x1 plate with two studs sticking up from one side, with the side studs at the front, to the left of the front piece from the previous step. Repeat symmetrically on the back side.

Step 82.2

Place a white 1x1 plate with a stud sticking up from one side, with the side stud at the front, to the left of the front piece from the previous step. Repeat symmetrically on the back side.

Step 83

Place a black 1x2 brick with an axle hole, vertically, on the front two studs on the rightmost column of the assembly. Place another behind the first.

Step 84

Place a yellow 1x2 brick with a pin hole, vertically, to the left of each of the previous two pieces.

Step 85

Place a black 1x2 brick with an axle hole, vertically, to the left of each of the previous two pieces

Step 86

Place a black 1x4 brick with four studs on one side, vertically with the side studs on the left, to the left of the previous two pieces.

Step 87.1

Place a dark tan 2x2 plate, centered vertically, on the right two columns of the assembly.

Step 87.2

Place a light gray 1x4 plate, horizontally, in front of the previous piece so the right sides are even. Repeat symmetrically on the back side.

Step 88.1.1

Place a light gray 2x4 brick, vertically, on the right two columns of the assembly.

Step 88.1.2
Place a dark gray 2x4 plate, vertically, on the previous piece.

Step 88.2
Place a light gray 1x2 plate with a clip on one stud, horizontally with the clip on the left, on the second row from the front on the previous piece. Place another behind the first.

Group 18.

Step 89.1

Place a pink 2x2 plate with two studs on one side, centered vertically with the side studs on the left, on the left two columns of the assembly.

Step 89.2
Place a transparent pink 1x2 plate, vertically, on the right column of the previous piece.

Step 90

Place a light gray 1x2 plate with two studs sticking up from one side, horizontally with the side studs at the front, on the front row of the assembly so the left sides are even. Repeat symmetrically on the back side.

Step 91.1

Place a dark gray 1x2 slope brick, horizontally with the slope on the left, on each of the previous two pieces.

Step 91.2
Place a dark gray 1x2 slope tile with a grille pattern, horizontally with the taller side on the left, behind the front piece from the previous step. Place another behind the first.

Group 19.

Step 92.1

Place a white 1x2 plate, vertically and centered vertically, on the rightmost column of the assembly.

Step 92.2
Place the right column of a white 1x2 plate with two rows of two studs hanging down from one side, horizontally with the side studs at the front, in front of the previous piece. Repeat symmetrically on the back side.

Step 93.1

Place a white 1x4 double curved slope tile, vertically, on the rightmost column of the assembly.

Step 93.2
Place a white 1x2 right wedge curved slope, horizontally with the point on the left and the longest side at the front, to the left of the previous piece so the front sides are even. Repeat symmetrically on the back side with a white 1x2 left wedge curved slope.

Step 94.1

Find the six side studs on the left side of the assembly. There should be a row of four below a row of two. Place the bottom two studs of a dark gray 2x2 tile with two studs, with the studs at the bottom, on the top row of two side studs.

Step 94.2
Place the top row of a dark gray 2x2 angled corner plate, with the angled corner at the bottom front, on the front two studs on the row that’s below the previous piece. Place another symmetrically behind the first.

Step 95.1

Place a light gray 2x2 round tile with a hole, centered front and back, on the top two rows on the left side of the assembly.

Step 95.2
Find the four rows of side studs on the front of the assembly. Place a light gray 1x4 plate, horizontally, on the second row of side studs from the top. This should be a row of four studs. Repeat symmetrically on the back side.

Step 96.1.1

Now we’ll make an assembly that hinges open to access the storage. Set the rest of the back assembly aside for now. Find a white 2x2 plate with a bar on one side, and various panels and slopes hanging down from the other three sides. Place this piece, with the studs on top and the bar on the right, in front of you.

Step 96.1.2
Place a dark gray 1x2 plate with a rail on one side, vertically with the rail on the right, on the right column of the previous piece.

Step 96.2
Place a dark gray 1x2 ingot tile, vertically, to the left of the previous piece.

Step 96.3
Place the rest of the back assembly, with the side studs at the front and back and the side with two axle holes on the right, in front of you. Clip the bar on the right side of the assembly we just made into the two clips on top of the back assembly. You can hinge the left side of this assembly to access a storage for things like the minifigures’ pistols.

Step 97

Now we’re done with the back assembly and we can add it to the fuselage! Place the rest of the fuselage, horizontally with the nosecone on the right, in front of you. Push the axles on the left side of the fuselage into the two axle holes on the right side of the back assembly. Push the back assembly all the way to the right.

Group 20.

Step 98.1

Keeping the nosecone on the right, rotate the fuselage so it’s upside down. Place a dark tan 2x2 plate, upside down, on the two anti-stud columns to the left of the wing mechanism. There will be two free columns to the left of this piece.

Step 98.2

Place the right two studs of a white 1x4 inverted curved slope, upside down and horizontally with the slope on the left, on the front row of the previous piece. The left end should be even with the left end of the fuselage. Place another behind the first.

Step 99

Place the leftmost column of a white 2x10 plate, upside down and horizontally, on the right anti-studs of the previous two pieces. It should bridge across the wing mechanism and connect to the right side of the fuselage.

Step 100

Find the second row of side studs from the top on the front side of the fuselage that’s to the left of the wing mechanism. This row consists of a single stud between two rows of four. Find a light gray 12L bar with a 1x1 round plate on one end and a 1x2 plate on the other end. Place the 1x1 round plate of this piece, horizontally with the 1x2 plate on the right, on the side stud we just found. The 1x2 plate will attach to the side studs to the right of the wing mechanism. The bar should go between the top and bottom pairs of pins on the wing mechanism.

Step 101.1

Place a white 1x4 double curved slope tile, upright and vertically, on the right column of side studs that are to the left of the wing mechanism on the front side of the fuselage.

Step 101.2

Place a white 4x4 triple curved wedge, upright with the studs on the right, to the left of the previous piece.

Group 21.

Step 102.1

Now we’ll make a small panel. Place a white 4x4 triple curved wedge with a sticker, upside down with the studs on the left, in front of you. The sticker on this piece includes a gold New Republic emblem.

Step 102.2

Place a tan 1x3 plate, upside down and horizontally, on the second row from the back on the previous piece so the left sides are even.

Step 102.3
Rotate the assembly so it's upright with the studs on the left and place it on the side studs that are to the right of the wing mechanism on the front side of the fuselage.

Step 103

Now we'll work on the other side of the fuselage. Rotate the fuselage so it's upright with the nosecone on the right. Find the second row of side studs from the bottom on the front side of the fuselage that's to the left of the wing mechanism. Like on the back side, this row only has a single stud. Place the 1x1 round plate of a light gray 12L bar with a 1x1 round plate on one end and a 1x2 plate on the other, horizontally with the 1x2 plate on the right, on the side stud we just found. The 1x2 plate will attach to the side studs to the right of the wing mechanism. The bar should go between the top and bottom pairs of pins on the wing mechanism.

Group 22.

Step 104.1

Place a white 1x4 double curved slope tile, upright and vertically, on the first column of side studs that are to the left of the wing mechanism on the front side of the fuselage.

Step 104.2
Place a white 4x4 triple curved wedge, upright with the studs on the right, to the left of the previous piece

Group 23.

Step 105.1

Now we'll make the panel with the New Republic logo for this side of the fuselage. Place a white 4x4 triple curved wedge with a New Republic logo sticker, upside down with the studs on the left, in front of you.

Step 105.2
Place a tan 1x3 plate, upside down and horizontally, on the second row from the front on the previous piece so the left sides are even.

Step 105.3
Rotate the assembly so it's upright with the studs on the left and place it on the side studs that are on to the right of the wing mechanism on the front side of the fuselage.

Bag 4.

Minifigure Group: Carson Teva

Assemble the Carson Teva minifigure by placing the torso on the legs, the head on the torso, and the helmet on the head. Carson Teva has a white beard, but does not include a hairpiece. His head is printed on both side so you can display him two ways. On one side he wears a visor and a chin strap, on the other side he does not.He wears an orange flight suit and black gloves. The flight suit has numerous pockets, straps, as well as a small control panel over the chest. He holds a black pistol in one hand.

Main Build: X-Wing Starfighter

Group 24.

Step 106

Now we'll build the X-wing's four wings! Set the fuselage aside for now. Place a white 6x12 left wedge plate, horizontally with the rows of 12 studs at the back and the columns of six studs on the right, in front of you.

Step 107.1

Place the left column of a light gray 1x2 plate with a 1x2 brick with a hole on one side, with the 1x2 brick on the right, on the rightmost column of the previous piece so the back sides are even. The brick will overhang. Place another in front of the first.

Step 107.2

Place a blue 1x4 plate, vertically, to the left of the previous two pieces.

Step 108

Place the left column of a dark gray 2x2 corner plate, with the corner at the back left so the studs form a braille letter F, on the front two studs of the previous piece. The right stud will attach to a 1x2 plate with a 1x2 brick with a hole. Place another symmetrically behind the first.

Step 109

Place the right column of a dark gray 2x2 corner plate, with the corner at the front right so the studs form a braille letter J, on the rightmost column of the wing so the back sides are even. This piece goes on the brick of a 1x2 plate with a 1x2 brick with a hole. Place another symmetrically in front of the first.

Step 110.1

Place a light gray 1x1 brick with an axle hole, with the hole facing front and back, in front of the left stud of the front piece from the previous step. Place another behind the left stud of the back piece from the previous step.

Step 110.2

Place a blue 1x4 plate, vertically, to the left of the previous two pieces. Its back side will be even with the back of the wing.

Step 111

Push a black 2L axle into the holes of each of the two 1x1 bricks with an axle hole from step 110.1.

Step 112.1

Place the front row of a white 2x3 slope brick, horizontally with the slope on the left, on the back row of the wing and to the left of the built up portion The back row will overhang and there will be seven free studs to the left of the front row of this piece.

Step 112.2

Place the right three studs of a white 1x10 plate, horizontally, under the back row of the previous piece. The left side should be even with the left side of the wing.

Step 113.1

Place a white 2x3 slope brick, horizontally with the slope on the left, in front of the first 2x3 slope brick from step 112.1. Place another in front of the first.

Step 113.2

Place the back stud of a light gray 1x2 slope brick, vertically with the slope at the front, to the right of the front row of the front piece from the previous step.

Group 25.

Step 114.1

Place the front right corner of a white 2x2 tile with two studs, with the studs on the right, on the previous piece. The left column will attach to a 2x3 slope brick.

Step 114.2

Place a tan 2x3 plate, horizontally, behind the previous piece so the left sides are even.

Step 114.3

Place a white 2x2 corner plate, with the corner at the front left so the studs form a braille letter H, behind the previous piece so the left sides are even.

Step 115

Place a white 1x4 plate with a 1x4 curved slope on one side, vertically with the curved slope on the right, on the right two columns of the assembly. The front and back sides of the rightmost column should be even.

Step 116.1

Place a dark gray 1x2 plate with a single click finger on one stud, vertically with the click finger at the front, on the front two studs of the previous piece.

Step 116.2

Place the back stud of a white 1x3 curved slope tile, vertically with the higher side at the front, on the previous piece.

Step 117.1

Place a white 1x2 slope tile, vertically with the thicker side on the right, to the left of the previous piece so the back sides are even. Place another in front of the first.

Step 117.2

Place a light gray 1x1 slope tile, with the thicker side on the right, in front of the front piece from the previous step.

Step 117.3

Place a white 4x4 tile with four studs, with the studs on the right, on the wing to the left of the back two 2x3 slope bricks and so the back side is even with the back of the wing. There should be three free columns to the left of this piece.

Group 26.

Step 118.1

Next we'll assemble a stud shooter. Start by placing a light gray stud shooter base, with the stud on the right, in front of you. Find the small slot on the top. Slide one of the small trigger pieces, with the semi-circular side at the bottom and the wide side at the right, into the slot and push down until it clicks into place. You can push a 1x1 circular tile into the end opposite the stud, and push the little trigger down to launch it out, never to be found again!

Step 118.2

Place the leftmost stud of a blue 1x3 curved slope tile, horizontally higher side on the left, on the previous piece. The right two studs will extend past the stud shooter.

Step 118.3

Rotate the completed stud shooter so it's vertical with the 1x3 curved slope at the front. Place it on the wing to the left of the 4x4 tile with four studs so the front sides are even. The back of the stud shooter will overhang.

Step 119.1.1

Now we'll make another small assembly. This will be the mount for the wingtip blaster cannon. Place a white 1x2 plate with a hole on one stud, horizontally with the hole on the left, in front of you.

Step 119.1.2

Place the left stud of a white 1x2 curved slope tile, horizontally with the higher side on the left, on the previous piece. The right stud will extend past the previous piece.

Step 119.2

Place the back stud of a white 1x4 tile with two studs, vertically, under the leftmost stud of the assembly.

Step 119.3

Place the right two studs on the back row of the assembly on the leftmost two studs on the back row of the wing. The front and back sides should be even with the front and back of the wing.

Step 120.1.1

Now we'll make another small assembly. Place a white 1x2 plate with a hole on one stud, horizontally with the hole on the left, in front of you.

Step 120.1.2

Place the left stud of a white 1x2 curved slope tile, horizontally with the higher side on the left, on the previous piece. The right stud will extend past the previous piece.

Step 120.2

Push the pin side of a dark gray 3L axle/pin combo with a 1L axle side, with the pin side at the front, from the back into the hole on the left end of the assembly. Push it all the way in so it extends 1L to the front and back.

Step 120.3.1

Push the front hole of a blue 2L axle connector onto the back side of the previous piece.

Step 120.3.2

Push a white 1L liftarm onto the pin extending from the front side of the assembly.

Step 120.4

Place the assembly on the leftmost three studs on the front row of the wing. The 2L axle connector should be in front of a 1x2 plate with a hole.

Group 27.

Step 121.1

Now we'll add the barrel of the blaster cannon! Rotate the wing 180 degrees so it's horizontal with the stud shooter near the right end. Push a yellow 5L axle, from the front, into the front hole on the rightmost column of the wing. Push it all the way back until it connects to an axle connector. It will extend 3L to the front.

Step 121.2.1

Slide a light gray small wheel rim, from the front, over the previous piece. Slide it all the way back until it touches the wing. This piece is a cylinder with a hole in the middle that's about 1.5L in diameter.

Step 121.2.2

Slide a white 1L liftarm onto the axle. Slide it all the way back until it touches the previous piece.

Step 121.2.3

Push a white 2L axle connector onto the front side of the axle.

Step 122.1

Next, we'll make the end of the blaster cannon. Place a light gray 6L bar with a stop near one end, vertically with the stop near the front, in front of you.

Step 122.2

Push the hollow anti-stud of a white 2x2 dish, with the stud at the back, from the back onto the previous piece. Slide it all the way forward until it touches the stop.

Step 122.3
Push the back end of the 6L bar into the front hole of the axle connector that’s extending to the front on the blaster cannon.

Step 123.1.1

Next, we’ll add the intake for the engine. Find the axle on the front of the wing, near the left end. Push the center, circular anti-stud of a light gray 3x3x2 cylinder, with the studs at the front, onto this axle.

Step 123.1.2
Place a black 2x2 round tile with a single stud onto the four studs at the front of the previous piece.

Step 123.2
X-wings have a diverter in their engine inlets. Let’s add that now! Find a light gray T-shaped bar. Push the short bar of this piece, with the stem of the T at the back and the long bar pointing left and right, into the hollow stud of the previous piece.

Step 124.1

Now we’ll add the landing gear! Find a light gray 2L cylinder with a single click finger on one end and two click fingers on the other. Rotate it so it’s upright with the two click fingers at the bottom. Clip these into the single click finger that’s on the second column from the left of the wing, near the back. There should be an axle behind this piece.

Step 124.2
Clip the click fingers of a dark gray 1x2 plate with two click fingers on one end, upside down and vertically with the click fingers at the back, onto the single click finger on top of the previous piece.

Step 125

Now we’ll add this wing to the fuselage. Set the fuselage, horizontally with the nosecone at the right, in front of you. Find the two pairs of pins on the front side of the fuselage. Rotate the wing so it’s upside down with the blaster cannon at the front pointing to the right. Push the two holes on the back side of the wing onto the bottom pair of pins on the front side of the fuselage.

Group 28.

Step 126

We’ve built one bottom wing so far. Let’s build the other! Place a white 6x12 right wedge plate, horizontally with the rows of 12 studs at the back and the columns of six studs on the left, in front of you.

Step 127.1

Place the right column of a light gray 1x2 plate with a 1x2 brick with a hole on one side, with the 1x2 brick on the left, on the leftmost column of the previous piece so the back sides are even. The brick will overhang. Place another in front of the first.

Step 127.2
Place a blue 1x4 plate, vertically, to the right of the previous two pieces.

Step 128

Place the right column of a dark gray 2x2 corner plate, with the corner at the back right so the studs form a braille letter D, on the front two studs of the previous piece. The left stud will attach to a 1x2 plate with a 1x2 brick with a hole. Place another symmetrically behind the first.

Step 129

Place the left column of a dark gray 2x2 corner plate, with the corner at the front left so the studs form a braille letter H, on the leftmost column of the wing so the back sides are even. This piece goes on the brick of a 1x2 plate with a 1x2 brick with a hole. Place another symmetrically in front of the first.

Step 130.1

Place a light gray 1x1 brick with an axle hole, with the hole facing front and back, in front of the right stud of the front piece from the previous step. Place another behind the right stud of the back piece from the previous step.

Step 130.2
Place a blue 1x4 plate, vertically, to the right of the previous two pieces. Its back side will be even with the back of the wing.

Step 131

Push a black 2L axle into the holes of each of the two 1x1 bricks with an axle hole from step 130.1.

Step 132.1

Place a light gray 1x2 slope brick, vertically with the slope at the front, on the second stud from the left on the front two rows of the wing. There will be a 1x4 plate behind this piece.

Step 132.2
Place the front row of a white 2x3 slope brick, horizontally with the slope on the right, to the right of the back stud of the previous piece. Place two more behind the first. The back row of the back piece will overhang.

Step 133

Place the left three studs of a white 1x10 plate, horizontally, under the back row of the back piece from the previous step. The right side should be even with the right side of the wing.

Group 29.

Step 134.1

Place the right column of a white 2x2 corner plate, with the corner at the front right so the studs form a braille letter J, on the back 2x3 slope brick that's attached to the previous piece.

Step 134.2

Place a tan 2x3 plate, horizontally, in front of the previous piece so the right sides are even.

Step 134.3

Place a white 2x2 tile with two studs, with the studs on the left, in front of the previous piece so the right sides are even. The right column will attach to a 2x3 slope brick.

Step 135

Place a white 1x4 plate with a 1x4 curved slope on one side, vertically with the curved slope on the left, on the left two columns of the assembly. The front and back sides of the leftmost column should be even.

Step 136.1

Place a dark gray 1x2 plate with a single click finger on one stud, vertically with the click finger at the front, on the front two studs of the previous piece.

Step 136.2

Place the back stud of a white 1x3 curved slope tile, vertically with the higher side at the front, on the previous piece.

Step 137.1

Place a white 1x2 slope tile, vertically with the thicker side on the left, to the right of the previous piece so the back sides are even. Place another in front of the first.

Step 137.2

Place a light gray 1x1 slope tile, with the thicker side on the left, in front of the front piece from the previous step.

Step 137.3

Place a white 4x4 tile with four studs, with the studs on the left, on the wing to the right of the back two 2x3 slope bricks and so the back side is even with the back of the wing. There should be three free columns to the right of this piece.

Group 30.

Step 138.1

Next we'll assemble another stud shooter. Start by placing a light gray stud shooter base, with the stud on the right, in front of you. Find the small slot on the top. Slide one of the small trigger pieces, with the semi-circular side at the bottom and the wide side at the right, into the slot and push down until it clicks into place.

Step 138.2

Place the leftmost stud of a blue 1x3 curved slope tile, horizontally higher side on the left, on the previous piece. The right two studs will extend past the stud shooter.

Step 138.3
Rotate the completed stud shooter so it's vertical with the 1x3 curved slope at the front. Place it on the wing to the right of the 4x4 tile with four studs so the front sides are even. The back of the stud shooter will overhang.

Step 139.1.1
Now we'll make another small assembly. This will be the mount for the wingtip blaster cannon. Place a white 1x2 plate with a hole on one stud, horizontally with the hole on the right, in front of you.

Step 139.1.2
Place the right stud of a white 1x2 curved slope tile, horizontally with the higher side on the right, on the previous piece. The left stud will extend past the previous piece.

Step 139.2
Place the back stud of a white 1x4 tile with two studs, vertically, under the rightmost stud of the assembly.

Step 139.3
Place the left two studs on the back row of the assembly on the rightmost two studs on the back row of the wing. The front and back sides should be even with the front and back of the wing.

Step 140.1.1
Now we'll make another small assembly. Place a white 1x2 plate with a hole on one stud, horizontally with the hole on the right, in front of you.

Step 140.1.2
Place the right stud of a white 1x2 curved slope tile, horizontally with the higher side on the right, on the previous piece. The left stud will extend past the previous piece.

Step 140.2
Push the pin side of a dark gray 3L axle/pin combo with a 2L pin side, with the pin side at the front, from the back into the hole on the right end of the assembly. Push it all the way in so it extends 1L to the front and back.

Step 140.3.1
Push the front hole of a blue 2L axle connector onto the back side of the previous piece.

Step 140.3.2
Push a white 1L liftarm onto the pin extending from the front side of the assembly.

Step 140.4
Place the front row of the assembly on the rightmost three studs on the front row of the wing. The 2L axle connector should be in front of a 1x2 plate with a hole.

Group 31.

Step 141.1

Now we'll add the barrel of the blaster cannon to this wing. Push a yellow 5L axle, from the back, into the back hole on the rightmost column of the wing. Push it all the way in until it connects to an axle connector. It will extend 3L to the back.

Step 141.2.1

Slide a light gray small wheel rim, from the back, over the previous piece. Slide it all the way on until it touches the wing. This piece is a cylinder with a hole in the middle that's about 1.5L in diameter.

Step 141.2.2

Slide a white 1L liftarm onto the axle. Slide it all the way on until it touches the previous piece.

Step 141.2.3

Push a white 2L axle connector onto the back side of the axle.

Step 142.1

Next, we'll make the end of the blaster cannon. Place a light gray 6L bar with a stop near one end, vertically with the stop near the front, in front of you.

Step 142.2

Push the hollow anti-stud of a white 2x2 dish, with the stud at the back, from the back onto the previous piece. Slide it all the way forward until it touches the stop.

Step 142.3

Rotate the end assembly so it's vertical with the dish at the back. Push the front end of the 6L bar into the front hole of the axle connector that's extending to the back on the blaster cannon.

Step 143.1.1

Next, we'll add the intake for the engine. Rotate the wing 180 degrees so it's horizontal with the blaster on the left. Find the axle on the front of the wing, near the right end. Push the center, circular anti-stud of a light gray 3x3x2 cylinder, with the studs at the front, onto this axle.

Step 143.1.2

Place a black 2x2 round tile with a single stud onto the four studs at the front of the previous piece.

Step 143.2

Now we'll add the diverter to this engine. Find a light gray T-shaped bar. Push the short bar of this piece, with the stem of the T at the back and the long bar pointing left and right, into the hollow stud of the previous piece.

Step 144.1

Now we'll add the landing gear! Find a light gray 2L cylinder with a single click finger on one end and two click fingers on the other. Rotate it so it's upright with the two click fingers at the bottom. Clip these into the single click finger that's on the second column from the right, near the back. There should be an axle behind this piece.

Step 144.2

Clip the click fingers of a dark gray 1x2 plate with two click fingers on one end, upside down and vertically with the click fingers at the back, onto the single click finger on top of the previous piece.

Step 145

Now we'll add this wing to the fuselage. Set the fuselage, horizontally with the nosecone at the right, in front of you. Find the two pairs of pins on the back side of the fuselage. Rotate the wing so it's upside down with the blaster cannon at the back pointing to the right. Push the two holes on the front side of the wing onto the bottom pair of pins on the back side of the fuselage. This wing should be symmetrical to the front wing.

Step 146.1

Now we'll add the landing gear under the nose. Keeping the nosecone on the right, rotate the X-wing so it's upside down. Find the two click fingers that stick up on the nose, about even with the cockpit. Find a light gray 2L cylinder with a single click finger on one end and two click fingers on the other. Rotate it so it's upright with the two click fingers at the top. Clip the single click finger onto the two click fingers on the fuselage.

Step 146.2

Clip the single click finger of a dark gray 1x2 plate with one click finger on one stud, upside down and horizontally with the click finger on the left, onto the two click fingers on top of the previous piece. Now if we flip the X-wing over, it can stand on its landing gear!

Bag 5.

Group 32.

Step 147

Now we'll start building the top wings! Set the fuselage aside for now. Place a white 6x12 right wedge plate, horizontally with the rows of 12 studs at the back and the columns of six studs on the left, in front of you.

Step 148.1

Place the right column of a light gray 1x2 plate with a 1x2 brick with a hole on one side, with the 1x2 brick on the left, on the leftmost column of the previous piece so the back sides are even. The brick will overhang. Place another in front of the first.

Step 148.2

Place a blue 1x4 plate, vertically, to the right of the previous two pieces.

Step 149

Place the right column of a dark gray 2x2 corner plate, with the corner at the back right so the studs form a braille letter D, on the front two studs of the previous piece. The left stud will attach to a 1x2 plate with a 1x2 brick with a hole. Place another symmetrically behind the first.

Step 150

Place the left column of a dark gray 2x2 corner plate, with the corner at the front left so the studs form a braille letter H, on the leftmost column of the wing so the back sides are even. This piece goes on the brick of a 1x2 plate with a 1x2 brick with a hole. Place another symmetrically in front of the first.

Step 151.1

Place a light gray 1x1 brick with an axle hole, with the hole facing front and back, in front of the right stud of the front piece from the previous step. Place another behind the right stud of the back piece from the previous step.

Step 151.2

Place a blue 1x4 plate, vertically, to the right of the previous two pieces. Its back side will be even with the back of the wing.

Step 152

Push a black 2L axle into the holes of each of the two 1x1 bricks with an axle hole from step 151.1.

Step 153.1

Place a light gray 1x2 slope brick, vertically with the slope at the front, on the second stud from the left on the front two rows of the wing. There will be a 1x4 plate behind this piece.

Step 153.2

Place the front row of a white 2x3 slope brick, horizontally with the slope on the right, to the right of the back stud of the previous piece. Place two more behind the first. The back row of the back piece will overhang.

Step 154

Place the left three studs of a white 1x10 plate, horizontally, under the back row of the back piece from the previous step. The right side should be even with the right side of the wing.

Group 33.

Step 155.1

Place the right column of a white 2x2 corner plate, with the corner at the front right so the studs form a braille letter J, on the back 2x3 slope brick that’s attached to the previous piece.

Step 155.2

Place a tan 2x3 plate, horizontally, in front of the previous piece so the right sides are even.

Step 155.3

Place a white 2x2 tile with two studs, with the studs on the left, in front of the previous piece so the right sides are even. The right column will attach to a 2x3 slope brick.

Step 156.1

Place a white 1x4 plate with a 1x4 curved slope on one side, vertically with the curved slope on the left, on the left two columns of the assembly. The front and back sides of the leftmost column should be even.

Step 156.2

Place a white 1x4 tile with two studs, vertically, on the previous piece.

Step 157.1

Place a white 1x2 slope tile, vertically with the thicker side on the left, to the right of the previous piece so the back sides are even. Place another in front of the first.

Step 157.2

Place a light gray 1x1 slope tile, with the thicker side on the left, in front of the front piece from the previous step.

Step 158

Place a white 4x4 tile with four studs and a sticker, with the studs on the left, on the wing to the right of the back two 2x3 slope bricks and so the back side is even with the back of the wing. There should be three free columns to the right of this piece. The sticker has a blue stripe on the right side and the golden New Republic logo in the center.

Group 34.

Step 159.1

Next we'll assemble another stud shooter. Start by placing a light gray stud shooter base, with the stud on the right, in front of you. Find the small slot on the top. Slide one of the small trigger pieces, with the semi-circular side at the bottom and the wide side at the right, into the slot and push down until it clicks into place.

Step 159.2

Place the leftmost stud of a blue 1x3 curved slope tile, horizontally higher side on the left, on the previous piece. The right two studs will extend past the stud shooter.

Step 159.3

Rotate the completed stud shooter so it's vertical with the 1x3 curved slope at the front. Place it on the wing to the right of the 4x4 tile with four studs so the front sides are even. The back of the stud shooter will overhang.

Step 160.1.1

Now we'll make another small assembly. This will be the mount for the wingtip blaster cannon. Place a white 1x2 plate with a hole on one stud, horizontally with the hole on the right, in front of you.

Step 160.1.2

Place the right stud of a white 1x2 curved slope tile, horizontally with the higher side on the right, on the previous piece. The left stud will extend past the previous piece.

Step 160.2
Place the back stud of a white 1x4 tile with two studs, vertically, under the leftmost stud of the assembly.

Step 160.3
Place the left two studs on the back row of the assembly on the rightmost two studs on the back row of the wing. The front and back sides should be even with the front and back of the wing.

Step 161.1.1

Now we'll make another small assembly. Place a white 1x2 plate with a hole on one stud, horizontally with the hole on the right, in front of you.

Step 161.1.2
Place the right stud of a white 1x2 curved slope tile, horizontally with the higher side on the right, on the previous piece. The left stud will extend past the previous piece.

Step 161.2
Push the pin side of a dark gray 3L axle/pin combo with a 2L pin side, with the pin side at the front, from the back into the hole on the right end of the assembly. Push it all the way in so it extends 1L to the front and back.

Step 161.3.1
Push the front hole of a blue 2L axle connector onto the back side of the previous piece.

Step 161.3.2
Push a white 1L liftarm onto the pin extending from the front side of the assembly.

Step 161.4
Place the front row of the assembly on the rightmost three studs on the front row of the wing. The 2L axle connector should be behind a 1x2 plate with a hole.

Group 35.

Step 162.1

Now we'll add the barrel of the blaster cannon to this wing. Push a yellow 5L axle, from the back, into the back hole on the rightmost column of the wing. Push it all the way in until it connects to an axle connector. It will extend 3L to the back.

Step 162.2.1
Slide a light gray small wheel rim, from the back, over the previous piece. Slide it all the way on until it touches the wing. This piece is a cylinder with a hole in the middle that's about 1.5L in diameter.

Step 162.2.2
Slide a white 1L liftarm onto the axle. Slide it all the way on until it touches the previous piece.

Step 162.2.3
Push a white 2L axle connector onto the back side of the axle.

Step 163.1

Next, we'll make the end of the blaster cannon. Place a light gray 6L bar with a stop near one end, vertically with the stop near the front, in front of you.

Step 163.2

Push the hollow anti-stud of a white 2x2 dish, with the stud at the back, from the back onto the previous piece. Slide it all the way forward until it touches the stop.

Step 163.3

Rotate the end assembly so it's vertical with the dish at the back. Push the front end of the 6L bar into the front hole of the axle connector that's extending to the back on the blaster cannon.

Step 164.1.1

Next, we'll add the intake for the engine. Rotate the wing 180 degrees so it's horizontal with the blaster on the left. Find the axle hole on the front of the wing, near the right end. Push the center, circular anti-stud of a light gray 3x3x2 cylinder with a sticker, with the studs at the front and the sticker on top, onto this axle. This sticker shows some panel lines and a triangular warning sign.

Step 164.1.2

Place a black 2x2 round tile with a single stud onto the four studs at the front of the previous piece.

Step 164.2

Now we'll add the diverter to this engine. Find a light gray T-shaped bar. Push the short bar of this piece, with the stem of the T at the back and the long bar pointing left and right, into the hollow stud of the previous piece.

Step 165

This step is skipped as it just tells us to place a sticker.

Step 166

Now we'll add this wing to the fuselage. Set the fuselage, horizontally with the nosecone at the right, in front of you. Find the two pins on the front side of the fuselage. Rotate the wing so it's vertical with the blaster cannon at the front pointing to the right. Push the two holes on the back side of the wing onto the pair of pins on the front side of the fuselage. This wing should be directly above the bottom wing on the front side.

Group 36.

Step 167

Now we'll build the last wing. Set the rest of the X-wing aside for now. Place a white 6x12 left wedge plate, horizontally with the rows of 12 studs at the back and the columns of six studs on the right, in front of you.

Step 168.1

Place the left column of a light gray 1x2 plate with a 1x2 brick with a hole on one side, with the 1x2 brick on the right, on the rightmost column of the previous piece so the back sides are even. The brick will overhang. Place another in front of the first.

Step 168.2

Place a blue 1x4 plate, vertically, to the left of the previous two pieces.

Step 169

Place the left column of a dark gray 2x2 corner plate, with the corner at the back left so the studs form a braille letter F, on the front two studs of the previous piece. The right stud will attach to a 1x2 plate with a 1x2 brick with a hole. Place another symmetrically behind the first.

Step 170

Place the right column of a dark gray 2x2 corner plate, with the corner at the front right so the studs form a braille letter J, on the rightmost column of the wing so the back sides are even. This piece goes on the brick of a 1x2 plate with a 1x2 brick with a hole. Place another symmetrically in front of the first.

Step 171.1

Place a light gray 1x1 brick with an axle hole, with the hole facing front and back, in front of the left stud of the front piece from the previous step. Place another behind the left stud of the back piece from the previous step.

Step 171.2

Place a blue 1x4 plate, vertically, to the left of the previous two pieces. Its back side will be even with the back of the wing.

Step 172

Push a black 2L axle into the holes of each of the two 1x1 bricks with an axle hole from step 110.1.

Step 173.1

Place the front row of a white 2x3 slope brick, horizontally with the slope on the left, on the back row of the wing and to the left of the built up portion The back row will overhang and there will be seven free studs to the left of the front row of this piece.

Step 173.2

Place the right three studs of a white 1x10 plate, horizontally, under the back row of the previous piece. The left side should be even with the left side of the wing.

Step 174.1

Place a white 2x3 slope brick, horizontally with the slope on the left, in front of the first 2x3 slope brick from step 173.1. Place another in front of the first.

Step 174.2

Place the back stud of a light gray 1x2 slope brick, vertically with the slope at the front, to the right of the front row of the front piece from the previous step.

Group 37.

Step 175.1

Place the front right corner of a white 2x2 tile with two studs, with the studs on the right, on the previous piece. The left column will attach to a 2x3 slope brick.

Step 175.2

Place a tan 2x3 plate, horizontally, behind the previous piece so the left sides are even.

Step 175.3

Place a white 2x2 corner plate, with the corner at the front left so the studs form a braille letter H, behind the previous piece so the left sides are even.

Step 176.1

Place a white 1x4 plate with a 1x4 curved slope on one side, vertically with the curved slope on the right, on the right two columns of the assembly. The front and back sides of the rightmost column should be even.

Step 176.2

Place a white 1x4 tile with two studs, vertically, on the previous piece.

Step 177.1

Place a white 1x2 slope tile, vertically with the thicker side on the right, to the left of the previous piece so the back sides are even. Place another in front of the first.

Step 177.2

Place a light gray 1x1 slope tile, with the thicker side on the right, in front of the front piece from the previous step.

Step 178

Place a white 4x4 tile with four studs and a sticker, with the studs on the right, on the wing to the left of the back two 2x3 slope bricks and so the back side is even with the back of the wing. There should be three free columns to the left of this piece. The sticker has a blue stripe on the left side and the golden New Republic logo in the center.

Group 38.

Step 179.1

Next we'll assemble another stud shooter. Start by placing a light gray stud shooter base, with the stud on the right, in front of you. Find the small slot on the top. Slide one of the small trigger pieces, with the semi-circular side at the bottom and the wide side at the right, into the slot and push down until it clicks into place.

Step 179.2
Place the leftmost stud of a blue 1x3 curved slope tile, horizontally higher side on the left, on the previous piece. The right two studs will extend past the stud shooter.

Step 179.3
Rotate the completed stud shooter so it's vertical with the 1x3 curved slope at the front. Place it on the wing to the left of the 4x4 tile with four studs so the front sides are even. The back of the stud shooter will overhang.

Step 180.1.1

Let's make the blaster cannon mount for this wing. Place a white 1x2 plate with a hole on one stud, horizontally with the hole on the left, in front of you.

Step 180.1.2
Place the left stud of a white 1x2 curved slope tile, horizontally with the higher side on the left, on the previous piece. The right stud will extend past the previous piece.

Step 180.2
Place the back stud of a white 1x4 tile with two studs, vertically, under the leftmost stud of the assembly.

Step 180.3
Place the right two studs on the back row of the assembly on the leftmost two studs on the back row of the wing. The front and back sides should be even with the front and back of the wing.

Step 181.1.1

Now we'll make another small assembly. Place a white 1x2 plate with a hole on one stud, horizontally with the hole on the left, in front of you.

Step 181.1.2
Place the left stud of a white 1x2 curved slope tile, horizontally with the higher side on the left, on the previous piece. The right stud will extend past the previous piece.

Step 181.2
Push the pin side of a dark gray 3L axle/pin combo with a 2L pin side, with the pin side at the front, from the back into the hole on the left end of the assembly. Push it all the way in so it extends 1L to the front and back.

Step 181.3.1
Push the front hole of a blue 2L axle connector onto the back side of the previous piece.

Step 181.3.2
Push a white 1L liftarm onto the pin extending from the front side of the assembly.

Step 181.4

Place the front row of the assembly on the leftmost three studs on the front row of the wing. The 2L axle connector should be behind a 1x2 plate with a hole.

Group 39.

Step 182.1

Now we'll add the barrel of the blaster cannon! Rotate the wing 180 degrees so it's horizontal with the stud shooter near the right end. Push a yellow 5L axle, from the front, into the front hole on the rightmost column of the wing. Push it all the way back until it connects to an axle connector. It will extend 3L to the front.

Step 182.2.1

Slide a light gray small wheel rim, from the front, over the previous piece. Slide it all the way back until it touches the wing. This piece is a cylinder with a hole in the middle that's about 1.5L in diameter.

Step 182.2.2

Slide a white 1L liftarm onto the axle. Slide it all the way back until it touches the previous piece.

Step 182.2.3

Push a white 2L axle connector onto the front side of the axle.

Step 183.1

Next, we'll make the end of the blaster cannon. Place a light gray 6L bar with a stop near one end, vertically with the stop near the front, in front of you.

Step 183.2

Push the hollow anti-stud of a white 2x2 dish, with the stud at the back, from the back onto the previous piece. Slide it all the way forward until it touches the stop.

Step 183.3

Push the back end of the 6L bar into the front hole of the axle connector that's extending to the front on the blaster cannon.

Step 184.1.1

Next, we'll add the intake for the engine. Find the axle hole on the front of the wing, near the left end. Push the center, circular anti-stud of a light gray 3x3x2 cylinder with a sticker, with the studs at the front and the sticker on top, onto this axle. This piece has the same sticker as the first top wing.

Step 184.1.2

Place a black 2x2 round tile with a single stud onto the four studs at the front of the previous piece.

Step 184.2

Now we'll add the diverter. Push the short bar of a light gray T-shaped bar, with the stem of the T at the back and the long bar pointing left and right, into the hollow stud of the previous piece.

Step 185

This step is skipped as it just tells us to place a sticker.

Step 186

Now we'll add this wing to the fuselage. Set the fuselage, horizontally with the nosecone at the right, in front of you. Find the two pairs of pins on the back side of the fuselage. This should be the last pair of pins. Rotate the wing so it's vertical with the blaster cannon at the back pointing to the right. Push the two holes on the front side of the wing onto the last pair of pins on the back side of the fuselage. Now we've placed all the wings!

Group 40.

Step 187.1

Now we'll make the exhausts for the engines. Set the X-wing aside for now. Place a light gray 2L thick liftarm with one axle and one pin hole, horizontally with the pin hole on the right and the holes facing up and down, in front of you.

Step 187.2

Push the pin side of a black 3L axle/pin combo with a 2L axle side, upright with the axle side on top, from the top into the pin hole of the previous piece.

Step 188.1

Push the center anti-stud of a light gray 2x2 round brick down over the axle side of the previous piece. This piece has an axle hole through the center. Push it all the way down.

Step 188.2

Place a light gray 2x2 ribbed round brick onto the previous piece. The axle will go into this piece's center anti-stud as well.

Step 189.1

Place a light gray 2x2 round tile with a single stud, on the previous piece.

Step 189.2

Push a red 3L bar, upright, into the hollow stud on the previous piece.

Step 190.1

Find a dark gray medium sized wheel rim. This is a cylinder about 2.5L in diameter that has a groove around the end. One end has a stud. Place this piece, with the stud on top, in front of you.

Step 190.2

Place a transparent pink 1x1 cone on the previous piece.

Step 190.3

Slide the hole on the bottom of the wheel rim onto the 3L bar on the exhaust assembly. Push it all the way down.

Step 190.4
Repeat steps 187.1-190.3 three times

Step 191
Place the X-wing, horizontally with the nosecone on the right, in front of you. Find the axle that extends to the left of each wing. These axles are near the attachment point to the fuselage. Rotate two of the exhausts so they are horizontal with the cone on the left and with the 2L liftarm on the right with the axle hole hanging down. Push the axle holes on these exhausts onto the axle of each of the top two wings. Repeat symmetrically on the bottom wings.The exhausts on the bottom of the wings will hang down and those on the top wings will stick up.

Step 192.1
Now the X-wing is complete! To extend the wings, you can find the 1L liftarm that extends above the fuselage between the wings. Push this straight down and the wings will pop out! Alternatively, you can simply pull the wingtips apart. To close the wings again, simply push them closed!

Step 192.2
There are also a number of transparent red 1x1 round tiles that are included to use in the stud shooters on the wings!

This completes the New Republic X-Wing Starfighter.

Thank you so much for building this set!

There are two pages of ads after the instructions end.

The first page shows two sets. They are set number 75444, AT-RT™ Attack and 75447 The Razor Crest™.

The second page shows three sets. The first is this set, set number 75460, New Republic X-Wing. The second is set number 75445, Anzellan Starship. The third is set number 75446, Grogu™ (Mandalorian Apprentice).

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