

40803 Optimus Prime Robot & Vehicle

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This pair of collectible BrickHeadz™ figures makes a fun gift for kids aged 10 plus and fans of the Transformers toys, movies and cartoons. The brick-built Optimus Prime robot figure and the toy truck version have loads of details. The vehicle has spinning wheels and can be removed from the display base for imaginative play possibilities.

Optimus Prime Transformers toys for ages 10 and up – Fans of the intrepid Transformers leader can have their own Optimus Prime Robot & Vehicle to build, display or use to save the world.

2 buildable BrickHeadz™ models – Both figures feature lots of decorated elements, including a special decoration element on Optimus Prime, plus spinning wheels on the truck display vehicle toy.

Many ways to enjoy – LEGO® BrickHeadz™ toy models are fun to build, play with and put on display for everyone to admire, and there are 2 instruction booklets so you can build with friends or family.

Collectible LEGO® sets – Fans can collect and display these Transformers figures with other building sets (sold separately) in the LEGO BrickHeadz™ range.

Dimensions – This 237-piece kids' toy includes an Optimus Prime figure that stands over 3.5 in. (9 cm) tall and a truck figure that measures over 2.5 in. (7 cm) high.

The front of the box shows Optimus Prime Robot standing next to his vehicle form!

The back of the box shows the robot and vehicle each have their own platform to stand on!

The top of the box shows a real size image of a blue 2x3 pentagonal tile printed with a light grey background with black lines.

The build is 237 pieces in total and is for ages 10+.

Welcome to Text-Based Building Instructions from Bricks for the Blind. Here is some helpful information on how to best use screen readers and browsers: bricksfortheblind.org/help-with-screen-readers. Before you start building, here are some terms we will be using:

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back
- Horizontally: with the longest side going from left to right.
- Upright: pointing up towards the ceiling.
- Standing upright: The piece is perpendicular to the ground, like a wall.
- Lying flat: The piece is parallel to the ground, like a piece of toast which fell off the table.
- That one/ppp: previously placed piece.
- Plate: piece with studs.

- Tile: smooth piece without studs (unless otherwise specified)
- A jumper plate is a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.
- "Anti-stud" is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- Symmetrically: a mirror image. Example: If you place a 2x1 brick with technic connector on the front wall at the right, connector to the front, and then place another such piece symmetrically on the back wall, at the right, the technic connector of the second piece should point to the back, since it will be placed symmetrically.
- Centered-vertically: even amount of space in front of and behind piece
- Centered-horizontally: even amount of space left and right of piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

A note on LEGO Technic™ part names. These parts are somewhat different from regular LEGO bricks. Here are some definitions in case the builder or helper is not familiar with LEGO Technic™.

Axles - An axle is a connector which has an X shaped cross-section. Because their cross section is not round, anything connected to an axle using an axle-hole will rotate with that axle. Axles are longer than they are wide, and the length of an axle corresponds with how many bricks long it is. Aka a 3L axle is three bricks long. Axles come in a variety of lengths, with a 2L axle being the shortest available. They may be combined with pins, or have circular stops on them. A stop prevents the axle from sliding through an axle-hole at a specific point on the axle.

Pins - A pin is a connector which has a circular cross section and a flanged notch out of one or both ends. This flanged notch allows them to click into bricks with a pin-hole. Pins come with and without friction ridges, which are small bumps on the pin which prevent them from rotating freely. For standard pins, black is a high friction pin, and gray is a low friction pin. A standard length pin is two brick lengths long, with a stop in the middle. This prevents a brick from being pushed from one side of the pin to the other. A 1L pin is one brick long and still retains the stop, however it also includes a hollow stud at the other end. A 3L pin is three bricks long, and only contains a stop at one side, allowing two bricks to be pushed onto the other side of the pin. Pins may also have one side which is an axle.

Technic brick - a brick which contains one or more holes which accept technic pins.

Lift-arms - A lift-arm is a basic structural element, similar to a brick or a plate, but usually without any studs. It is a beam with rounded ends and with holes in it, with the same spacing as the studs on a LEGO brick. lift-arms come in a variety of lengths, including a 1x1 lift-arm which looks like a cylinder. Thick lift-arms are as wide as a LEGO brick, and thin lift-arms are half as wide as a LEGO brick, but not the same thickness as a LEGO plate! The holes in a lift-arm may accept axles or pins. They also come in a variety of shapes, including tees, ells and triangles.

Gears - A gear is a functional element. They are typically discs with teeth on the outside, there are also worm gears which look like a spiraling cylinder! Gears connected by axles transmit or even transform rotational motion!

Axle and Pin Connectors - These elements are typically smaller than lift-arms and are used to connect some combination of pins or axles. They might have pins or axles, as well as axle or pin-holes. They have

a lot of different angle combinations! The simplest just connects two axles or pins together in a straight line.

Bushes/Bushings - LEGO Technic™ uses bushes largely as spacers, but they also can reduce friction between rotating parts, or can form useful elements such as handles. Bushes are typically light gray, generally cylindrical, and have an axle-hole running through the middle. They have a flange at the front and back to make them easier to pull on and off.

For builders with low vision, or a sighted building partner may want to follow along with the printed visual instructions that come with each kit, or PDF versions are always online at LEGO.com for each set: (<https://www.lego.com/en-us/service/buildinginstructions/40803>) 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 4 bags labeled 1 to 4, 2 sets of instructions, and some loose pieces. Sort the pieces into groups or piles as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split into 2 groups to make telling the difference easier for the builder! LEGO includes a few spare parts in case you lose something. Set these into their own group away from the rest, in case you need them later.

Bag 1 - Optimus Prime Robot

Group 1 - Steps 1-6.

Group 2 - 1 red 2x4 plate and 2 red 1x2 tiles printed with windows from Step 7.

Group 3 - Rest of Step 7 and Steps 8-14.

Group 4 - Steps 15-19.

Group 5 - Steps 20-26.

Bag 2 - Optimus Prime Robot

Group 6 - Steps 27-31.

Group 7 - Step 32.

Group 8 - Steps 33-36.

Group 9 - Steps 37-45.

Group 10 - Steps 46-47.

Group 11 - 1 white 2x4 plate and 2 white 1x2 plates from Step 48.

Group 12 - Rest of Step 48 and Step 49.

Bag 3 - Vehicle

Group 13 - Steps 1-6.

Group 14 - Steps 7-8.

Group 15 - Step 9 and 1 light grey 1x2x1 $\frac{2}{3}$ brick with 2x2 side studs from Step 10.

Group 16 - Rest of Step 10 and Step 11.

Group 17 - Steps 12-13.

Bag 4 - Vehicle

Group 18 - Steps 14-17 and 1 red 1x2 tile printed with a window from Step 18.

Group 19 - Rest of Step 18.

Group 20 - Steps 19-24.

Group 21 - 1 red 1x2 tile printed with a window from Step 25.

Group 22 - Rest of Step 25.

Group 23 - Steps 26-27 and 2 transparent orange 1x1 tiles with a round side from Step 28.

Group 24 - Rest of Step 28 and Steps 29-34.

Group 25 - Step 35.

Group 26 - Steps 36-44.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Optimus Prime Robot

Step 1

Place a white 4x4 plate in front of you. Then horizontally place a yellow 1x2 tile on the back row so it is centered horizontally.

Step 2

Place a white 1x1 tile on the back left corner. Then repeat symmetrically to the right. Now horizontally place a white 2x4 plate in front of the 2 ppp so it is centered horizontally. Now horizontally place a white 1x4 tile in front of the ppp.

Step 3

Place a yellow 2x2 round plate on top so it is centered.

Step 4

Place a light grey 2x2 brick on top of the ppp. Then vertically place a red 1x2x1 $\frac{2}{3}$ brick with 2x2 side studs to the right of the ppp so the side studs face the right. Then repeat symmetrically to the left.

Step 5

Horizontally place a red 1x2 plate with 2x4 side studs hanging down on the front row of studs so it is centered horizontally and the side studs face the front. Then repeat symmetrically to the back.

Step 6

Horizontally place a red 2x4 plate upright on the front-facing side studs. Then place 2 red 2x2 tiles with 2 studs, 1 to the right of the other, upright on the front-facing side studs so the studs are on top.

Group 2 - Optimus Prime Robot

Step 7.1

Rotate your build 180 degrees. Now horizontally place a red 2x4 plate upright on the front-facing side studs. Then horizontally place 2 red 1x2 tiles printed with windows, 1 to the right of the other, upright on the top row of front-facing side studs.

Group 3 - Optimus Prime Robot

Step 7.2

Horizontally place a light grey 1x2 tile printed with a car grill upright on the front-facing side studs so it is centered horizontally. Then place a red 1x1 tile upright to the left and right of the ppp.

Step 8

Place a light grey 4x4 plate on top so it is centered.

Step 9

Horizontally place a light grey 1x2x1 $\frac{2}{3}$ brick with 2x2 side studs on the back row so it is centered horizontally and the side studs face the back. Then vertically place 1 on the back left corner so the side studs face the left. Then repeat symmetrically to the right.

Step 10

Stack 2 green 2x2 bricks on the 2nd and 3rd rows from the front so they are centered horizontally. Then place a red 2x2 round plate on top of the 2 ppp.

Step 11

Horizontally place a light grey 1x2x1 $\frac{2}{3}$ brick with 2x2 side studs on the front row so it is centered horizontally and the side studs face the front. Then vertically place 1 on the front left corner so the side studs face the left. Then repeat symmetrically to the right.

Step 12

Vertically place a transparent pink 1x2 brick on the 2nd column from the left so it is centered vertically. Then vertically place another 1 to the right of the ppp.

Step 13

Vertically place a light grey 1x2x1 $\frac{2}{3}$ brick with 2x2 side studs on the leftmost column so it is centered vertically and the side studs face the left. Then repeat symmetrically to the right.

Step 14

Horizontally place a light grey 1x2x1 $\frac{2}{3}$ brick with 2x2 side studs on the front row so it is centered horizontally and the side studs face the front. Then place a dark grey 1x1x1 $\frac{2}{3}$ brick with 2 side studs to the left of the ppp so the side studs face the left. Then repeat symmetrically to the right.

Group 4 - Optimus Prime Robot

Step 15

Rotate your build 180 degrees. Then horizontally place a white 1x2 brick on the front row so it is centered horizontally. Then place a short black 1x1 rounded brick with a side stud to the right of the ppp so the side stud faces the right. Then repeat symmetrically to the left.

Step 16

Place a yellow 1x1 plate on the front right corner. Then repeat symmetrically to the left.

Step 17

Horizontally place a yellow 1x4 plate on the front row so it is centered horizontally. Then horizontally place a black 1x4 tile with 2 studs on top of the ppp.

Step 18

Let's make a part! Horizontally place a blue 2x6 plate in front of you. Then place a blue 2x2 plate on the 2 rightmost columns.

Step 19

Vertically place a blue 1x4 tile on the 3rd column from the right so it is centered vertically.

Group 5 - Optimus Prime Robot

Step 20

Horizontally place a blue 1x4 plate underneath the front row so 3 columns are exposed to the left. Then repeat symmetrically to the back.

Step 21

Vertically stack 2 blue 1x4 plates on the 3rd column from the left so they are centered vertically.

Step 22

Horizontally place a light grey 1x2 plate on the front left corner. Then repeat symmetrically to the back. Now horizontally place 2 light grey 1x2 jumper plates, 1 in front of the other, in between the 2 ppp.

Step 23

Horizontally place a blue 2x3 pentagonal tile printed with a light grey background with black lines on the 3 rightmost columns so it is centered vertically and the angled side faces the left.

Step 24

Place a blue 1x1 tile on the front left corner. Then place a transparent aqua 1x1 round tile to the right of the ppp. Then repeat both parts symmetrically to the back. Then place a light grey 2x2 double angled slope tile in between the 4 ppp so the angled side faces the left.

Step 25

Vertically place a blue 1x4 tile to the right of the ppp so it is centered vertically.

Step 26

Bring back your main build and rotate it 180 degrees so the 2x4 side studs face the front. Then rotate your part 90 degrees counterclockwise so the 2x2 part is in the back. Then vertically place your part upright on the front-facing side studs so the 2x2 part overhangs to the top.

Building Instructions (Bag 2, Book 1):

Group 6 - Optimus Prime Robot

Step 27

Rotate your build 90 degrees clockwise so the previous part faces the left. Then place a blue 2x2 corner tile upright on the top right front-facing side studs so it looks like the braille letter d. Then vertically place a blue 1x2 tile upright below the right column of the ppp.

Step 28

Place a blue 2x2 plate upright to the left of the ppp. Then horizontally place a blue 1x2 jumper plate upright above the ppp.

Step 29

Place a blue 2x2 corner tile upright on the leftmost column of front-facing side studs so it sits to the left of the previous 2x2 plate, overhangs 1 column to the left and looks like the braille letter j. Then place another 1 upright above the ppp so there is no overhang and it looks like the braille letter f.

Step 30

Place a blue 1x1 tile with a clip upright on the front-facing stud of the 1x2 jumper plate so the clip hands face the left and right. Then place a blue 2x2 round plate upright below the ppp.

Step 31

Place a blue 2x2 round tile printed with an Optimus Prime logo on the ppp. This is a picture of a robot face!

Group 7 - Optimus Prime Robot

Step 32.1

Let's make a part! Place a red 2x2 plate in front of you. Then horizontally place a red 1x2 plate on the back row. Then horizontally place a blue 1x2 plate with a clip on the front row so the clip faces the front. Now horizontally place a red 1x2 jumper plate on the back row. Then place a light grey 1x1 round plate with a handle on top of the ppp so the handle faces the back.

32.2. Place your part upright on the front-facing side studs so the handle faces up.

Group 8 - Optimus Prime Robot

Step 33

Rotate your build 90 degrees clockwise so the previous part faces the left. Now horizontally place a light grey 1x2 plate upright on the bottom row of front-facing side studs so it is centered horizontally. Then place the top row of a red 2x2 sloped curved tile upright on the ppp so it slopes down.

Step 34

Place a light grey 1x1 half cylinder brick upright on the rightmost front-facing side stud, to the right of the ppp so it slopes to the left and right. Then repeat symmetrically to the left.

Step 35

Place a blue 4x4 plate upright on the front-facing side studs so it is centered on them. Then horizontally place 2 blue 2x4 tiles, 1 above the other, upright on the ppp.

Step 36

Horizontally place a blue 1x4 plate on the back row.

Group 9 - Optimus Prime Robot

Step 37

Horizontally place a blue 1x2 plate in front of the ppp so it is centered horizontally. Then vertically place a blue 1x2 tri-slope tile on the leftmost column so it is centered vertically and slopes to the right. Then repeat symmetrically to the right.

Step 38

Horizontally place a blue 1x2 plate with 2x2 upright side studs on the 2nd row from the front so it is centered horizontally and the side studs face the front. Then place a blue 1x1 plate on the front left corner. Then repeat symmetrically to the right.

Step 39

Vertically place a blue 2x3 brick on the back 3 rows so it is centered horizontally. Then vertically place a blue 2x3 tile on top of the ppp.

Step 40.1

Let's make a part! Place a blue 2x2 plate in front of you. Then horizontally stack 2 blue 1x2 plates on the front row. Now vertically place 2 blue 1x1 tiles with a 1x1 slope tile, 1 to the right of the other, on top so they slope to the back.

40.2. Place your part upright on the front-facing side studs so it slopes up.

Step 41

Rotate your build 90 degrees clockwise so the previous part faces the left. Now place a blue 2x2 corner tile upright on the top right front-facing side studs so it looks like the braille letter d. Then place another 1 below the right column of the ppp so it overhangs 1 column to the right and looks like the braille letter h.

Step 42

Place a blue 2x2 plate upright to the left of the ppp. Then horizontally place a blue 1x2 jumper plate upright above the ppp.

Step 43

Vertically place a blue 1x2 tile upright on the leftmost column of front-facing side studs so it sits to the left of the 2x2 plate. Then place the left column of a blue 2x2 corner tile upright above the ppp so it looks like the braille letter f.

Step 44

Place a blue 1x1 tile with a clip upright on the front-facing side stud of the 1x2 jumper plate so the clip hands face the left and right. Then place a blue 2x2 round plate upright below the ppp.

Step 45

Place a blue 2x2 round tile printed with an Optimus Prime logo on the ppp. This is a picture of a robot face!

Group 10 - Optimus Prime Robot

Step 46.1

Let's make a part! Place a red 2x2 plate in front of you. Then horizontally place a red 1x2 plate on the back row. Then horizontally place a blue 1x2 plate with a clip on the front row so the clip faces the front. Now horizontally place a red 1x2 jumper plate on the back row. Then place a light grey 1x1 round plate with a handle on top of the ppp so the handle faces the back.

46.2. Place your part upright on the front-facing side studs so the handle faces up.

Step 47

Vertically attach a blue blade to the front-facing clip above the 2x2 round tile so it slopes to the left and right. Then repeat symmetrically to the back.

Group 11 - Optimus Prime Robot

Step 48.1

Let's make a part! Let's make the legs! Horizontally place a white 2x4 plate in front of you. Then vertically place a white 1x2 plate underneath the leftmost column. Then repeat symmetrically to the right.

Group 12 - Optimus Prime Robot

Step 48.2

Vertically stack 2 blue 1x2 plates underneath the leftmost column. Then repeat symmetrically to the right. Now horizontally place your part underneath your build so it is centered horizontally and vertically.

Step 49.1

Let's make a part! Let's make the platform! Place a black 6x6 plate in front of you. Then horizontally place a black 2x4 tile on the 2nd and 3rd rows from the back so it is centered horizontally. Then horizontally place a black 1x4 tile with 2 studs in front of the ppp. Now horizontally place a black 1x4 tile in front of the ppp.

49.2. Place your main build on top of the platform so it is centered! Now put him away while we make the next part!

Building Instructions (Bag 3, Book 2):

Group 13 - Vehicle

Step 1

Vertically place a black 4x6 plate in front of you. Then horizontally place a black 1x4 plate with 2 small pins on the back row.

Step 2

Horizontally place a blue 2x4 plate in front of the ppp. Now horizontally place a red 1x2 plate in front of the ppp so it is centered horizontally.

Step 3

Place a light grey 1x1 plate with a double-sided stud to the left of the ppp so the double-sided stud overhangs to the left. Then place a light grey 1x1 round tile upright on the front-facing side stud and back-facing side stud of the ppp. Then repeat everything symmetrically to the right.

Step 4

Horizontally place a black 1x4 plate on the 2nd row from the front.

Step 5

Horizontally place a black 1x4 plate with 2 small pins on the front row.

Step 6

Place a blue 2x2 tile on the back 2 rows so it is centered horizontally. Then vertically place a blue 1x4 tile on the back left corner. Then repeat symmetrically to the right.

Group 14 - Vehicle

Step 7

Vertically place a black 2x4 plate on the front 4 rows so it is centered horizontally. Now vertically place a black 1x2 plate on the front left corner. Then repeat symmetrically to the right.

Step 8

Horizontally place a black 2x4 plate on the front 2 rows. Then vertically place a blue 2x3 plate with a round side and a pinhole behind the ppp so it is centered horizontally and the round side faces the back.

Group 15 - Vehicle

Step 9

Horizontally place a red 1x2 brick on the 2nd row from the front so it is centered horizontally. Then horizontally stack 2 red 1x2 plates on top of the ppp.

Step 10.1

Horizontally place a light grey 1x2x1 $\frac{2}{3}$ brick with 2x2 side studs on the front row so it is centered horizontally and the side studs face the front.

Group 16 - Vehicle

Step 10.2

Vertically place a red 1x2x1 $\frac{2}{3}$ brick with 2x2 side studs on the front left corner so the side studs face the left. Then repeat symmetrically to the right.

Step 11

Horizontally stack 2 light grey 1x4 plates on the 2nd row from the front. Then horizontally place a red 1x2 brick on top of the ppp so it is centered horizontally. Now place a red 1x1 brick with a side stud to the left of the ppp so the side stud faces the left. Then repeat symmetrically to the right.

Group 17 - Vehicle

Step 12

Horizontally place a light grey 1x2x1 $\frac{2}{3}$ brick with 2x2 side studs on the front row so it is centered horizontally and the side studs face the front. Then place a white 1x1x1 $\frac{2}{3}$ brick with 2 side studs to the left of the ppp so the side studs face the front. Then repeat symmetrically to the right.

Step 13

Place a red 2x2 plate with 2 side studs on the front left corner so the side studs face the left. Then repeat symmetrically to the right. Now place a red 2x2 plate on the front 2 rows so it is centered horizontally. Then place 2 red 2x2 tiles with a stud, 1 to the right of the other, on the front 2 rows.

Building Instructions (Bag 4, Book 2):

Group 18 - Vehicle

Step 14

Let's make a part! Place a light grey 2x2 plate with 2 side studs in front of you so the side studs face the front.

Step 15

Horizontally place a black 1x5 plate on the back row so 3 columns overhang to the right.

Step 16

Place a light grey 2x2 plate with 2 side studs underneath the 2nd and 3rd columns from the right so 1 row is exposed to the front and the side studs face the front.

Step 17

Vertically place a red 1x2 plate with 2 upright side studs underneath the rightmost column so 1 row is exposed to the front and the side studs face the right. Then place a red 1x1 plate on the front row of the ppp.

Step 18.1

Horizontally place a red 1x2 tile printed with a window on the back right corner.

Group 19 - Vehicle

Step 18.2

Place a red 2x2 tile on the 2 leftmost columns. Then vertically place a light grey 1x2 tile to the right of the ppp.

Group 20 - Vehicle

Step 19

Horizontally place a red 1x2 tile printed with an Optimus Prime logo on the front right corner.

Step 20

Vertically place your part upright on the right-facing side studs so the 2 side studs face up.

Step 21

Let's make a part! Place a light grey 2x2 plate with 2 side studs in front of you so the side studs face the front.

Step 22

Horizontally place a black 1x5 plate on the back row so 3 columns overhang to the left.

Step 23

Place a light grey 2x2 plate with 2 side studs underneath the 2nd and 3rd columns from the left so 1 row is exposed to the front and the side studs face the front.

Step 24

Vertically place a red 1x2 plate with 2 upright side studs underneath the leftmost column so 1 row is exposed to the front and the side studs face the left. Then place a red 1x1 plate on the front row of the ppp.

Group 21 - Vehicle

Step 25.1

Horizontally place a red 1x2 tile printed with a window on the back left corner.

Group 22 - Vehicle

Step 25.2

Place a red 2x2 tile on the 2 rightmost columns. Then vertically place a light grey 1x2 tile to the left of the ppp.

Group 23 - Vehicle

Step 26

Horizontally place a red 1x2 tile printed with an Optimus Prime logo on the front left corner.

Step 27

Rotate your main build 180 degrees. Then vertically place your part upright on the right-facing side studs so the 2 side studs face up.

Step 28.1

Place a transparent orange 1x1 tile with a round side on the back left corner so the round side faces the back. Then repeat symmetrically to the right.

Group 24 - Vehicle

Step 28.2

Place a red 1x1 tile with a round side in front of each of the 2 ppp so the round sides face the front. Now place 2 light grey 1x1 tiles with a clip on the 2 2x2 tiles with a stud that are on the back 2 rows so the clip hands face the left and right.

Step 29.1

Let's make 2 identical parts! Horizontally place a light grey 1x3 plate in front of you. Then horizontally place a light grey 1x4 half cylinder brick on top of the ppp so it overhangs 1 column to the left. Now place a light grey 1x1 plate with an upright side stud underneath the leftmost column so the side stud faces the left.

29.2. Now you should have 2 identical parts! Place 1 part upright on the leftmost column of front-facing side studs so the side stud faces up. Then repeat symmetrically to the right.

Step 30

Let's make a part! Place a red 4x4 plate in front of you.

Step 31

Horizontally place 2 red 2x3 tiles printed with a window, 1 to the right of the other, on the back row so together they are centered horizontally and overhang 1 row to the back.

Step 32

Place a light grey 2x2 tile with 2 studs underneath the back left corner so the tile side is exposed to the left. Then repeat symmetrically to the right.

Step 33

Vertically place 2 light grey 1x3 tiles printed with a grill, 1 to the right of the other, on the front 2 rows so together they are centered horizontally and overhang 1 row to the front.

Step 34

Horizontally place a light grey 1x2 plate on the leftmost column of the 2nd row from the front so 1 column overhangs to the left. Then repeat symmetrically to the right.

Group 25 - Vehicle

Step 35

Vertically place a red 1x2 plate underneath the leftmost column of the 2nd row from the front so 1 row is exposed to the front. Then repeat symmetrically to the right.

Group 26 - Vehicle

Step 36

Place a light grey 2x2 plate underneath the front row so it is centered horizontally and 1 row is exposed to the front. Now horizontally place a light grey 1x2 plate on the front row of the ppp.

Step 37.1

Let's make a part! Place a red 2x2 inverted sloped curved tile in front of you so it slopes to the front. Then place a red 1x1 plate on the back left corner. Now place a transparent aqua 1x1 round tile printed with a headlight on top of the ppp. Then place a red 2x2 corner tile on the back row so 1 row overhangs to the back and looks like the braille letter d.

37.2. Vertically place the back row of your part on the front row of the 2nd and 3rd columns from the right so it slopes and overhangs 2 rows to the front.

Step 38.1

Let's make a part! Place a red 2x2 inverted sloped curved tile in front of you so it slopes to the front. Then place a red 1x1 plate on the back right corner. Now place a transparent aqua 1x1 round tile printed with a headlight on top of the ppp. Then place a red 2x2 corner tile on the back row so 1 row overhangs to the back and looks like the braille letter f.

38.2. Vertically place the back row of your part on the front row of the 2nd and 3rd columns from the left so it slopes and overhangs 2 rows to the front.

Step 39

Horizontally place a light grey 1x6 tile on the front row so it is centered horizontally.

Step 40

Bring back your build and rotate it 180 degrees so the side studs face the front. Then place your part upright on the front-facing side studs so it is centered on them and the previous 1x6 tile is on the bottom.

Step 41

Attach a light grey 1x1 telescope bar to each of the 2 top-facing clips so the anti-studs face the front.

Step 42

Place a light grey 1x1 round plate on the rightmost column of the 3rd row from the front. Then place a light grey candle stick on top of the ppp. Then repeat both parts symmetrically to the left.

Step 43.1

Let's make 4 identical parts! Insert a light grey wheel into a black tire.

43.2. Now you should have 4 identical parts! Attach 2 of them to the 2 small right-facing pins. Then repeat symmetrically to the left.

Step 44.1

Let's make a part! Let's make a platform! Place a black 6x6 plate in front of you. Then horizontally place a black 2x4 plate on the 2nd and 3rd rows from the front so it is centered horizontally. Then repeat symmetrically to the back.

44.2. Vertically place a black 1x4 tile on the 2nd column from the right so it is centered vertically. Then repeat symmetrically to the left. Now place a black 2x2 tile in between the back 2 rows of the 2 ppp. Then place a black 2x2 tile with 2 studs in front of the ppp so the studs are in the back.

44.3. Place your vehicle on top so it is centered.

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