

60472 Scrap Yard with Cars

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Kids can dive into the exciting world of recycling with the LEGO® City Scrap Yard with Cars salvage worker toy playset for ages 7 and up. This LEGO junkyard is packed with fun features, including a functioning claw crane and a crusher that transforms vehicles into cubes at the push of a lever. Kids can also help dismantle parts from the 2 classic '80s automobiles and sell salvaged parts, rims and tires from the old office building. Just add the 4 staff minifigures and let the fun begin!

Salvage worker toy for ages 7 and up – Introduce children to the vital world of recycling with this fun LEGO® City Scrap Yard with Cars playset.

What's in the box? – This LEGO® junkyard toy includes everything kids need to build a toy scrap yard with a claw crane, crusher, office building, 2 cars and 4 worker minifigures.

A junk yard toy with pretend functions for realistic play – Kids can use the claw crane to hoist the toy cars into the crusher and press a lever to transform them into scrap cubes.

LEGO® minifigure accessories – This scrap yard toy comes with fun accessories like a toy computer and tools including a drill, wrenches and a hammer.

Dimensions – The office building in this 871-piece building set measures over 8.5 in. (22 cm) high, 14.5 in. (37 cm) wide and 11 in. (28 cm) deep.

The front of the box shows the scrap yard! There is a crane that is picking up cars and putting them into the crusher! There is also a car lift to the left where a mechanic is salvaging parts from it to be sold!

The back of the box shows the crane picking up a car from the car lift and placing it into the crusher! In the front, 2 more workers are pushing another car to the car lift so they can dismantle it!

The top of the box shows a real size image of a mechanic minifigure.

The build is 871 pieces in total and is for ages 7+.

Bag 1 includes the pieces for a mechanic and a classic 80s automobile.

Bag 2 includes the pieces for a mechanic and a classic 80s automobile.

Bag 3 includes the pieces for a car lift.

Bag 4 includes the pieces for a crane operator and an office.

Bag 5 includes the pieces for the office, crane, and dog.

Bag 6 includes the pieces for the crusher.

Bag 7 includes the pieces for a worker and the crusher.

Bag 8 includes the pieces for the crusher.

Welcome to text-based instructions from Bricks for the Blind. Before you start building, here are some terms we'll be using:

- In Front of/Front: towards you.
- Behind/Back: away from you.
- Up: towards the ceiling.
- Down: towards the floor.
- Stud: the bump on a LEGO brick. Example: A 2x1 brick has two studs on it.
- Vertically: with the longest side going from front to back
- Horizontally: with the longest side going from left to right.
- Upright: pointing up towards the ceiling.
- Standing upright: The piece is perpendicular to the ground, like a wall.
- Lying flat: The piece is parallel to the ground, like a piece of toast which fell off the table.
- That one/ppp: previously placed piece.
- Plate: piece with studs.
- Tile: smooth piece without studs (unless otherwise specified)
- A jumper plate is a 1x2 plate with a single stud on top, or a 1x3 plate with only two studs on top.
- "Anti-stud" is a term for the portion of a LEGO piece which accepts studs, like the bottom of a plate or brick.
- Symmetrically: a mirror image. Example: If you place a 2x1 brick with technic connector on the front wall at the right, connector to the front, and then place another such piece symmetrically on the back wall, at the right, the technic connector of the second piece should point to the back, since it will be placed symmetrically.
- Centered-vertically: even amount of space in front of and behind piece
- Centered-horizontally: even amount of space left and right of piece.
- Row: studs lined up horizontally (left to right/side to side).
- Column: studs lined up upright or vertically (top to bottom/back to front).

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

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

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

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

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

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

Axle and Pin Connectors - These elements are typically smaller than lift-arms and are used to connect some combination of pins or axles. They might have pins or axles, as well as axle or pin-holes. They have a lot of different angle combinations! The simplest just connects two axles or pins together in a straight line.

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

For builders with low vision, or a sighted building partner may want to follow along with the printed visual instructions that come with each kit, or PDF versions are always online at LEGO.com for each set: (<https://www.lego.com/en-us/service/buildinginstructions/60472>) 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 8 bags labeled 1 to 8, 5 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 - Mechanic and Classic 80s Automobile

Group 1 - Page 7.

Group 2 - Steps 1-7 and 2 black 1x6 plates from Step 8.

Group 3 - Rest of Step 8 and Steps 9-14.

Group 4 - Steps 15-22.

Group 5 - Steps 23-32.

Group 6 - Steps 33-42.

Bag 2 - Mechanic and Classic 80s Automobile

Group 7 - Page 2.

Group 8 - Steps 1-14.

Group 9 - Steps 15-18 and 1 red 1x4 plate from Step 19.

Group 10 - Rest of Step 19, Step 20, and 1 black 1x4 plate and 1 red 1x1 round tile from Step 21.

Group 11 - Rest of Step 21 and Steps 22-29.

Group 12 - Steps 30-36.

Group 13 - Step 37.

Group 14 - Steps 38-45 and 1 yellow 1x2 plate from Step 46.

Group 15 - Rest of Step 46 and Steps 47-52.

Bag 3 - Car Lift

Group 16 - Steps 1-12.

Group 17 - Steps 13-14 and 1 red 1x2 plate from Step 15.

Group 18 - Rest of Step 15 and Steps 16-20.

Group 19 - Steps 21-24.

Group 20 - Step 25.

Group 21 - Step 26 and 6 black 2x2 triangle tiles from Step 27.

Group 22 - Rest of Step 27, Steps 28-32, and 1 red 1x2 plate from Step 33.

Group 23 - Rest of Step 33 and Steps 34-38.

Group 24 - Steps 39-42.

Group 25 - Step 43.

Group 26 - Step 44 and 6 light orange 2x2 triangle tiles from Step 45.

Group 27 - Rest of Step 45 and Steps 46-50.

Bag 4 - Crane Operator, Office and Crane

Group 28 - Page 3.

Group 29 - Steps 1-20 and 1 transparent blue 1x1 round tile from Step 21.

Group 30 - Rest of Step 21 and Steps 22-29.

Group 31 - Steps 30-39 and 2 black 2L pins from Step 40.

Group 32 - Rest of Step 40 and Steps 41-53.

Bag 5 - Crane

Group 33 - Steps 54-55 and 1 white 2x2 round plate from Step 56.

Group 34 - 1 green 2x2 round plate from Step 56.

Group 35 - Rest of Step 56 and Steps 57-67.

Group 36 - Steps 68-91.

Bag 6 - Crusher

Group 37 - Steps 1-13.

Group 38 - Steps 14-29.

Group 39 - Steps 30-38.

Bag 7 - Worker and Crusher

Group 40 - Page 26.
Group 41 - Steps 39-45.
Group 42 - Steps 46-61.

Bag 8 - Crusher
Group 43 - Steps 62-68.
Group 44 - Steps 69-84.
Group 45 - Steps 85-104.
Group 46 - Steps 105-109 and 1 light orange 2x2 triangle tile from Step 110.
Group 47 - Rest of Step 110, Steps 111-115, and 1 black 2x2 triangle tile from Step 116.
Group 48 - Rest of Step 116.

Let's get to building!

Building Instructions (Bag 1, Book 1):

Group 1 - Mechanic

Sub-build 1. Locate 1 sand blue pair of legs printed with stains, 1 yellow torso printed with a white shirt with stains, 1 yellow head printed with eyes, lips, and glasses, 1 nougat hair, and 1 silver electric saw. Assemble your minifigure then attach the saw to her hand! Now put her away while we make a car!

Group 2 - Classic 80s Automobile

1. Horizontally place a black 4x14 car base with axle holes in front of you.
2. Insert 2 tan 2L pin axles into the 2 front-facing axle holes so the pins face the front. Then repeat symmetrically to the back.
3. Vertically place a gold 1x2 rounded brick with a gap on the rightmost column so it is centered vertically.
4. Horizontally place a tan 2x4 plate on the 2nd, 3rd, 4th, and 5th columns from the left so it is centered vertically. Then repeat symmetrically to the right.
5. Horizontally place a light grey 1x4 plate on the front right corner. Then repeat symmetrically to the back.
6. Horizontally place a light grey 2x3 stair plate on the 3 rightmost columns so the higher side is on the right and it is centered vertically.
7. Vertically place a dark orange 1x2 plate on the rightmost column so it is centered vertically. Then horizontally place the rightmost column of a white 2x4 brick with a mudguard in front of the ppp so 1 row and the mudguard overhang to the front. Then repeat symmetrically to the back.
- 8.1. Let's make 2 identical parts! Horizontally place a black 1x6 plate in front of you.

Group 3 - Classic 80s Automobile

8.2. Horizontally place a dark orange 1x6 plate on top of the ppp. Then horizontally place a light orange 2x6 plate on top so it overhangs 1 row to the back.

8.3. Now you should have 2 identical parts! Horizontally place 1 on the front row so it is centered horizontally and the 1x6 plates overhang to the front. Then repeat symmetrically to the back.

9. Vertically place a red 1x2 steering wheel on the 5th column from the left so it is centered vertically and the wheel faces the right. Now place a red 2x2x2 slope brick to the right of the ppp so there are 2 free columns in between, it is centered vertically, and slopes to the left.

10. Horizontally place a black 1x3x1 panel on the 2nd row from the front on the 5th, 6th, and 7th columns from the left so the wall faces the front. Then horizontally place a red 1x3 brick to the right of the ppp. Now repeat both parts symmetrically to the back.

11. Horizontally place 3 white 1x2 sloped curved bricks, 1 to the right of the other, on the front row so they are centered horizontally and slope to the front. Then repeat symmetrically to the back.

12. Vertically place a white 2x4 tile on the 2 rightmost columns so it is centered vertically. Then place a black 4x4 plate to the left of the ppp. Now place a black 1x1 plate to the left of the front and back rows of the ppp.

13. Vertically place a gold 1x2 rounded brick with a gap on the leftmost column so it is centered vertically. Then vertically place a black 1x2 log brick on the 4th column from the left so it is centered vertically.

14. Horizontally place a tan 2x4 plate on the 4 leftmost columns so it is centered vertically. Then horizontally place a white 2x4 brick with a mudguard in front of the ppp so 1 row and the mudguard overhang to the front. Then repeat symmetrically to the back.

Group 4 - Classic 80s Automobile

15. Place a light grey 2x2 plate on the 2 leftmost columns so it is centered vertically. Then vertically place a black 2x4 plate to the right of the ppp so it is centered vertically.

16. Vertically place a white 1x2 tile on the 2nd column from the left so it is centered vertically. Now horizontally place a black 1x2 grill slope tile on the 2 leftmost columns in front of the ppp so it slopes to the left. Then repeat symmetrically to the back.

17. Horizontally place a white 1x4 sloped curved tile on the front left corner. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back.

18. Horizontally place a black 1x3 slope brick on the 2nd row from the front, to the left of the 2x4 tile that is on the 2 rightmost columns so it slopes to the right. Then horizontally place a transparent 1x2 brick to the left of the ppp. Now repeat both parts symmetrically to the back.

19. Place a transparent 2x2 brick on the 3rd and 4th columns of studs from the right so it is centered vertically.

20. Vertically place a transparent 3x4 windshield on the 3rd and 4th columns from the left so it is centered vertically and slopes to the left.

21. Place the leftmost column of a black 4x4 car hood on top of the rightmost column of the previous windshield so it is centered vertically and the studs are on the right.

22. Horizontally place 2 black 2x3 sloped curved tiles with a wing, 1 in front of the other, to the right of the 4x4 car hood so they are centered vertically and the studs are on the left.

You will have an extra black 2x6 plate with a round side. Save it for later!

Group 5 - Classic 80s Automobile

23. Let's make a part! Horizontally place a black 2x6 plate with a round side from group 4 in front of you so the round side faces the front. Now horizontally place a dark orange 1x2 plate on the back row so it is centered horizontally.

24. Place 2 yellow 1x1 plates with a clip, 1 to the right of the other, on the back row so they are centered horizontally and the clips face the back.

25. Horizontally place a black 1x2 log brick on the back row so it is centered horizontally.

26.1. Let's make a part! Horizontally place a black 1x2x2 brick with 2x2 side studs in front of you so the side studs face the front. Now place a transparent red 1x1 round tile on the top left front-facing side stud. Then vertically place a black 1x2 grill slope tile upright to the right of the ppp so it slopes down.

26.2. Horizontally place your part on the back right corner so the upright parts face the front.

27. Horizontally place a black 1x2x2 brick with 2x2 side studs on the front row so it is centered horizontally and the side studs face the front. Now vertically place 2 dark grey 1x2 rounded plates, 1 to the right of the other, upright on the front-facing side studs.

28.1. Let's make a part! Horizontally place a black 1x2x2 brick with 2x2 side studs in front of you so the side studs face the front. Now place a transparent red 1x1 round tile on the top right front-facing side stud. Then vertically place a black 1x2 grill slope tile upright to the left of the ppp so it slopes down.

28.2. Horizontally place your part on the back left corner so the upright parts face the front.

29. Horizontally place a white 2x6 plate with a round side on top so it is centered horizontally and the round side faces the front.

30. Vertically place a black 1x2 log brick on the 2nd column from the left. Then vertically place a black 1x2 plate with 2 side studs hanging down on top of the ppp so the side studs face the left. Now horizontally place a dark orange 1x2 slope tile upright on the left-facing side studs so it slopes down. Now repeat everything symmetrically to the right.

31. Horizontally place 2 light orange 1x6 tiles, 1 in front of the other, on top so they are centered horizontally.

32. Vertically attach the clips of your part to the right-facing bars of the 1x2 rounded brick with a gap that is on the rightmost column of the main build.

Group 6 - Classic 80s Automobile

33. Let's make a part! Horizontally place a black 2x6 plate with a round side in front of you so the round side faces the front. Now horizontally place a dark orange 1x2 plate on the back row so it is centered horizontally.

34. Place 2 yellow 1x1 plates with a clip, 1 to the right of the other, on the back row so they are centered horizontally and the clips face the back.

35. Horizontally place a dark orange 1x2 plate on the back row so it is centered horizontally.

36. Horizontally place a black 1x2 brick with 2 side studs on the back left corner so the side studs face the front. Then repeat symmetrically to the right.

37. Horizontally place a white 1x4 tile on the back row so it is centered horizontally. Now place a white 1x1 quarter circle tile to the left so the curve faces the front left. Then repeat symmetrically to the right.

38. Place a transparent 1x1 round tile upright on the leftmost front-facing side stud. Then repeat symmetrically to the right.

39. Horizontally place a dark grey 1x2 plate with 2 extended angled studs upright on the 2 front-facing side studs so it is centered horizontally and the 1x2 plate part is on top. Now place 4 transparent 1x1 round tiles upright on the front-facing side studs of the ppp.

40. Vertically attach the clips of your part to the left-facing bars of the 1x2 rounded brick with a gap that is on the leftmost column of the main build.

41.1. Place a white 2x2 sloped curved tile with a sticker on the 2nd column from the left so it is centered vertically and slopes and overhangs to the left.

41.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 1 on the white 2x2 sloped curved tile. This sticker has light orange and orange streaks and says 14 in orange on it! Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

42. Let's make 4 identical parts! Attach 4 dark orange wheels to 4 black tires. Now you should have 4 identical parts! Attach 2 wheels to the front-facing pins underneath the mudguards so the hollow sides face outwards. Then repeat symmetrically to the back. Now put away your build while we make the next part!

Building Instructions (Bag 2, Book 2):

Group 7 - Mechanic

Sub-build 2. Locate 1 sand blue pair of legs, 1 sand blue torso printed with pockets and stains, 1 yellow head printed with eyes, a light grey beard, lips, and 1 dark blue hat. Assemble your minifigure then put him aside while we make another car!

Group 8 - Classic 80s Automobile

1. Horizontally place a black 4x14 car base with axle holes in front of you.
2. Insert 2 tan 2L pin axles into the 2 front-facing axle holes so the pins face the front. Then repeat symmetrically to the back.
3. Vertically place a gold 1x2 rounded brick with a gap on the leftmost column so it is centered vertically.
4. Horizontally place a light blue 2x3 tile on the 2nd, 3rd, and 4th columns from the left so it is centered vertically.
5. Horizontally place a black 2x4 brick with a mudguard on the front left corner so 1 row and the mudguard overhang to the front. Then repeat symmetrically to the back.
6. Vertically place a white 1x4 plate on the leftmost column so it is centered vertically.
7. Place a short tan 1x1 brick on the 2nd row from the front on the 4th column from the left. Then repeat symmetrically to the back.
8. Vertically place a white 1x2x2 brick on the 5th column from the left so it is centered vertically. Now place a white 1x1 round brick in front of and behind the ppp.
9. Vertically place a light grey 1x2 steering wheel on the 6th column from the left so it is centered vertically and the wheel faces the right. Now horizontally place the left column of a red 1x2 inverted half arch brick in front of the ppp so it slopes to the right. Then repeat symmetrically to the back.
10. Place a white 1x1 round brick on the front row on the 5th column from the right. Then horizontally place a red 1x2 inverted half arch brick to the left of the ppp so it slopes to the left. Then repeat both parts symmetrically to the back.
11. Place a red 2x2x2 slope brick on the 5th and 6th columns from the right so it is centered vertically and slopes to the left.
12. Horizontally place a red 1x2 plate with 2x2 side studs hanging down on the front row on the 5th and 6th columns from the right so the side studs face the front. Then repeat symmetrically to the left. Now repeat both parts symmetrically to the back.
13. Horizontally place 2 red 2x3 plates, 1 in front of the other, on the 3rd, 4th, and 5th columns from the left so they are centered vertically.
14. Vertically place a light grey 1x2 tile printed with speedometers and buttons on the 5th column from the left so it is centered vertically. Now horizontally place the left column of a red 1x2 sloped curved tile in front of the ppp so it slopes to the right. Then repeat symmetrically to the back.

Group 9 - Classic 80s Automobile

15. 1. Let's make 2 identical parts! Horizontally place a red 1x6 plate in front of you. Then place 3 black 2x2 sloped curved tiles, 1 to the right of the other, on top so they slope and overhang to the front.

15.2. Now you should have 2 identical parts! Horizontally place 1 part upright on the 8 front-facing side studs so it is centered horizontally and slopes down. Then repeat symmetrically to the back.

16. Horizontally place a tan 2x3 brick on the 2nd, 3rd, and 4th columns from the right so it is centered vertically.

17. Vertically place a gold 1x2 rounded brick with a gap on the rightmost column so it is centered vertically. Now horizontally place 2 dark grey 1x3 jumper plates, 1 in front of the other, to the left of the ppp so they are centered vertically.

18. Horizontally place a black 2x4 brick with a mudguard on the front right corner so 1 row and the mudguard overhang to the front. Then repeat symmetrically to the back.

19.1. Vertically place a red 1x4 plate on the rightmost column so it is centered vertically.

Group 10 - Classic 80s Automobile

19.2. Vertically place a black 1x4 plate on the rightmost column so it is centered vertically.

20. Horizontally place a light grey 1x8 plate on the front row so it is centered horizontally. Then repeat symmetrically to the back.

21.1. Vertically place a black 1x4 plate on the 5th column from the right so it is centered vertically. Then place a red 1x1 round tile on the 2nd row from the front on the 3rd column from the right.

Group 11 - Classic 80s Automobile

21.2. Place a blue 1x1 round tile on the 2nd row from the back on the 3rd column from the right.

22. Place a light grey 2x2 car exhaust on the 2nd and 3rd columns from the right so it is centered vertically and the larger opening faces the right.

23. Vertically place 2 light grey 1x3 plates, 1 in front of the other, on the rightmost column.

24. Horizontally place a black 1x6 plate on the front right corner. Then repeat symmetrically to the back.

25. Vertically place 2 black 1x2 hinge bases, 1 in front of the other, on the rightmost column so they are centered vertically and the walls face the right.

26. Vertically place a red 1x4 plate on the 5th column from the right so it is centered vertically. Then place a red 1x1 slope tile to the left of the front and back rows of the ppp so they slope to the left.

27. Vertically place a black 1x6 plate on the 5th column from the right so it is centered vertically.

28. Horizontally place a black 1x5 angled slope brick on the front row on the 2nd, 3rd, 4th, 5th, and 6th columns from the right so the angled side faces the front and it slopes to the right. Then repeat symmetrically to the back.

29. Let's make a part! Vertically place a transparent 1x4x3 panel in front of you so the wall faces the right. Now vertically place 2 black 1x2 grill tiles, 1 in front of the other, on top. Then vertically place 2 dark grey 1x2 plates with a bar underneath, underneath the part. Now vertically place your part on the rightmost column on top of the hinge bases so the wall faces the right. Then rotate it to the left so the grill tiles face the left.

Group 12 - Classic 80s Automobile

30. Horizontally place a black 1x2 plate with a hinge on the long side on the front row on the 5th and 6th columns from the left so the hinge faces the front. Now horizontally place a black 1x2 grill tile to the right of the ppp. Now repeat both parts symmetrically to the back.

31. Vertically place a dark grey 1x2 rounded plate on the 4th column from the left so it is centered vertically. Then place the right column of a black 2x2 corner tile in front of the ppp so it looks like the braille letter j. Then repeat symmetrically to the back.

32. Horizontally place a black 1x2 angled sloped curved tile on the front left corner so the angled side faces the front and it slopes and overhangs to the left. Then repeat symmetrically to the back.

33. Place a black 1x1 plate with a side stud sticking up on the front row to the right of the ppp so the side stud faces the left. Then place a black 1x1 slope tile on top so it slopes to the right. Now place a transparent 1x1 tile upright on the left-facing side stud. Now repeat everything symmetrically to the back.

34. Place the leftmost column of a transparent 6x6 windshield on the 4th column from the left so it is centered vertically and slopes to the left.

35. Let's make a part! Horizontally place a black 2x6 plate with a round side in front of you so the round side faces the front. Now place 2 yellow 1x1 plates with a clip, 1 to the right of the other, on the back row so they are centered horizontally and the clips face the back.

36. Horizontally place a transparent yellow 1x2 plate on the back left corner. Then repeat symmetrically to the right.

Group 13 - Classic 80s Automobile

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

Group 14 - Classic 80s Automobile

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

39. Horizontally place a dark grey 1x2 plate with 2 side studs hanging down on the back row so it is centered horizontally and the side studs face the front. Now horizontally place a black 1x2 brick with 2 side studs on the back left corner so the side studs face the front. Then repeat symmetrically to the right.

40. Horizontally place 2 light grey 1x3 plates, 1 to the right of the other, on the back row.

41. Horizontally place a dark grey 1x2 rounded plate upright on the front-facing side studs so it is centered horizontally. Now horizontally place a transparent red 1x2 grill tile upright on the 2 leftmost front-facing side studs. Then repeat symmetrically to the right.

42. Horizontally place a black 1x6 plate on the back row.

43. Horizontally place a black 1x6 plate with inverted sloped sides on the back row so it is centered horizontally. Now horizontally place a black 1x6 tile on the back row so it is centered horizontally.

44. Vertically attach the clips of your part to the right-facing bars of the 1x2 rounded brick with a gap that is on the rightmost column of the main build.

45. Let's make a part! Horizontally place a black 2x6 plate with a round side in front of you so the round side faces the front. Now place 2 yellow 1x1 plates with a clip, 1 to the right of the other, on the back row so they are centered horizontally and the clips face the back.

46.1. Horizontally place a yellow 1x2 plate on the front row so it is centered horizontally.

Group 15 - Classic 80s Automobile

46.2. Horizontally place a transparent yellow 1x2 plate on the back left corner. Then repeat symmetrically to the right.

47. Horizontally place a black 2x6 plate with a round side on top so it is centered horizontally and the round side faces the front.

48. Horizontally place a light grey 1x4 tile on the back row so it is centered horizontally. Then place a light grey 1x1 quarter circle tile to the left of the ppp so the curve faces the front left. Then repeat symmetrically to the right.

49. Horizontally place a black 1x2 slope tile on the front row so it is centered horizontally and slopes to the front.

50. Vertically attach the clips of your part to the left-facing bars of the 1x2 rounded brick with a gap that is on the leftmost column of the main build.

51. Horizontally place 2 black 2x4 sloped curved bricks, 1 in front of the other, on the 2nd, 3rd, 4th, and 5th columns from the left so they are centered vertically and slope to the left.

52. Let's make 4 identical parts! Attach 4 silver wheels to 4 black tires. Now you should have 4 identical parts! Attach 2 wheels to the front-facing pins underneath the mudguards so the hollow sides face outwards. Then repeat symmetrically to the back. Now put away your build while we make the next part!

Building Instructions (Bag 3, Book 3):

Group 16 - Car Lift

1. Horizontally place a dark grey 4x12 plate in front of you. Then vertically place a light grey 1x4 brick with pin holes on the rightmost column.

2. Horizontally place a light grey 1x3 brick on the front row on the 2nd, 3rd, and 4th columns from the right. Now place a black 1x1 round brick on the back row on the 2nd column from the right. Then horizontally place a light grey 1x6 brick to the left of the ppp.

3.1. Let's make a part! Horizontally stack 2 light grey 1x4 plates in front of you. Then horizontally place a red 1x2 plate on top so it is centered horizontally. Now place a black 1x1 plate with 2 side studs sticking up to the left and right of the ppp so the side studs face the front.

3.2. Horizontally place your part on the front row so it is centered horizontally and the side studs face the front.

4. Horizontally place a light grey 1x10 brick with pin holes on the back left corner so 6 columns overhang to the left. Then repeat symmetrically to the front.

5. Vertically place a dark grey 2x12 plate underneath the 6th and 7th columns from the left so it is centered vertically. Now vertically place a light grey 2x4 brick on the back 4 rows of the ppp.

6. Vertically place a dark grey 2x12 plate underneath the leftmost row so it is centered vertically and 1 row is exposed to the left. Now vertically place a light grey 2x4 brick on the back 4 rows of the ppp. Then vertically place a light grey 1x4 brick with pin holes in front of the left column of the ppp.

7.1. Horizontally place a black 1x2 hinge base on the 2 leftmost columns and 2nd row from the front so the wall faces the back. Then place a light grey 2x2 brick behind the ppp.

7.2. Horizontally place a black 1x2 hinge base on the 6th and 7th columns from the left and 2nd row from the front so the wall faces the back. Then place a light grey 2x2 brick behind the ppp.

8. Horizontally place a black 1x2 slope tile on the front left corner so it slopes to the front. Then horizontally place another 1 on the front row of the 6th and 7th columns from the left so it slopes to the front.

9. Place a dark grey 2x2 tile on the back left corner. Then horizontally place a nougat 1x2 half cylinder brick in front of the ppp. Then vertically place a dark grey 2x6 tile in front of the ppp. Now horizontally place a nougat 1x2 half cylinder brick in front of the ppp. Now repeat everything symmetrically to the 6th and 7th columns from the left.

10. Horizontally place a light grey 1x3 tile on the front row of the 3rd, 4th, 5th, and 6th columns from the left. Then repeat symmetrically to the back.

11. Horizontally place a black 4x6 tile with studs on 3 sides on the 6 rightmost columns so the tile side faces the front. Then horizontally place another 1 to the left so the tile side faces the front.

12. Place a light grey 2x2 plate with a bar underneath on top of each of the 1x2 hinge bases that are on the 2nd row from the front so the side studs overhang to the front. Now vertically place the back 2 rows of a dark grey 2x6 tile on each of the 2 ppp so they slope to the front.

13. Let's make a part! Place a dark grey 2x2 plate with 2 side studs in front of you so the side studs face the front. Then horizontally place a tan 1x2 brick with 2 pin holes on the back row.

14. Insert 2 black 2L pins into the back-facing pin holes so the pins face the back.

15.1. Horizontally place a red 1x2 plate on the front row.

Group 18 - Car Lift

15.2. Horizontally place a dark grey 1x2 plate on the front row.

16. Place a black 2x2 plate on top.

17. Horizontally place a white 1x2x3 brick on the back row. Then horizontally place a black 1x2x2 brick with side studs on 3 sides on the front row so the side studs face the front, left, and right.

18. Vertically place a black 1x4 tile upright on the right-facing side studs so it hangs 2 rows down.

19. Horizontally place a black 1x2x2 brick with side studs on 3 sides on the front row so the side studs face the front, left, and right.

20. Vertically place 2 white 1x1 plates with a 1x1 sloped curved brick, 1 to the right of the other, on top so they slope to the back.

Group 19 - Car Lift

21. Horizontally place a red 1x2 plate on the front row.

22. Place a black 1x1 brick with a side stud on the front left corner so the side stud faces the left. Then repeat symmetrically to the right.

23. Vertically place a black 1x8 tile upright on all of the left-facing side studs.

24. Place a black 1x1 round brick on the front right corner. Then horizontally place a black 1x3 inverted slope brick to the left so it slopes and overhangs 2 columns to the left.

Group 20 - Car Lift

25.1. Let's make another part! Horizontally place a black 1x10 plate in front of you. Then horizontally place a light orange 1x8 tile on the 8 leftmost columns. Now horizontally place a dark grey 1x2 plate on the 2 rightmost columns. Then horizontally place a black 1x2x2 brick with side studs on 3 sides on the 2 rightmost columns so the side studs face the left, front, and right.

25.2. Vertically place a light orange 1x2 tile upright on the left-facing side studs.

25.3. Horizontally place the 4 rightmost columns of your part on top of the front row of the previous part so it overhangs 6 columns to the left.

Group 21 - Car Lift

26. Vertically place a black 1x8 tile upright on all of the right-facing side studs.

You will have 6 extra black 2x2 triangles. Save them for later!

Group 22 - Car Lift

27.1. Let's make a part! Horizontally place a dark grey 2x12 plate in front of you. Then place a light orange 2x2 triangle tile on the front right corner so the right angle faces the front right. Now place 2 more to the left so there are 2 free columns in between each of them and the right angles face the front right. There will be 2 free studs between the triangle tiles on the back row, but 1 free stud between them on the front row of the plate.

27.2. Place a light orange 2x2 triangle tile on the back left corner so the right angle faces the back left. Now place 2 more to the right so there are 2 free columns in between each of them and the right angles face the back left. There will be 2 free studs between the triangle tiles on the back row, but 1 free stud between them on the front row of the plate.

27.3. Fill in the rest of the studs with 6 black 2x2 triangle tiles from group 21.

27.4. Vertically place your part upright on all of the front-facing side studs of the previous part.

28. Horizontally place a black 1x2 jumper plate on the front row.

29. Place a white 1x1 round plate on top of the ppp. Now place a transparent orange 1x1 rounded light cover on top of the ppp.

30. Attach the back-facing pins of your part to the 2nd and 3rd front-facing pinholes from the right on the main build.

31. Let's make a part! Place a dark grey 2x2 plate with 2 side studs in front of you so the side studs face the front. Then horizontally place a tan 1x2 brick with 2 pin holes on the back row.

32. Insert 2 black 2L pins into the back-facing pin holes so the pins face the back.

33.1. Horizontally place a red 1x2 plate on the front row.

Group 23 - Car Lift

33.2. Horizontally place a dark grey 1x2 plate on the front row.

34. Place a black 2x2 plate on top.

35. Horizontally place a white 1x2x3 brick on the back row. Then horizontally place a black 1x2x2 brick with side studs on 3 sides on the front row so the side studs face the front, left, and right.

36. Vertically place a black 1x4 tile upright on the left-facing side studs so it hangs 2 rows down.

37. Horizontally place a black 1x2x2 brick with side studs on 3 sides on the front row so the side studs face the front, left, and right.

38. Vertically place 2 white 1x1 plates with a 1x1 sloped curved brick, 1 to the right of the other, on top so they slope to the back.

Group 24 - Car Lift

39. Horizontally place a red 1x2 plate on the front row.

40. Place a black 1x1 brick with a side stud on the front left corner so the side stud faces the left. Then repeat symmetrically to the right.

41. Vertically place a black 1x8 tile upright on all of the right-facing side studs.

42. Place a black 1x1 round brick on the front left corner. Then horizontally place a black 1x3 inverted slope brick to the right so it slopes and overhangs 2 columns to the right.

Group 25 - Car Lift

43.1. Let's make another part! Horizontally place a black 1x10 plate in front of you. Then horizontally place a light orange 1x8 tile on the 8 rightmost columns. Now horizontally place a dark grey 1x2 plate on the 2 leftmost columns. Then horizontally place a black 1x2x2 brick with side studs on 3 sides on the 2 leftmost columns so the side studs face the left, front, and right.

43.2. Vertically place a light orange 1x2 tile upright on the right-facing side studs.

43.3. Horizontally place the 4 leftmost columns of your part on top of the front row of the previous part so it overhangs 6 columns to the right.

Group 26 - Car Lift

44. Vertically place a black 1x8 tile upright on all of the left-facing side studs.

You will have 6 extra light orange 2x2 triangles. Save them for later!

Group 27 - Car Lift

45.1. Let's make a part! Horizontally place a dark grey 2x12 plate in front of you. Then place a black 2x2 triangle tile on the front right corner so the right angle faces the front right. Now place 2 more to the left so there are 2 free columns in between each of them and the right angles face the front right.

45.2. Place a black 2x2 triangle tile on the back left corner so the right angle faces the back left. Now place 2 more to the right so there are 2 free columns in between each of them and the right angles face the back left.

45.3. Fill in the rest of the studs with 6 light orange 2x2 triangle tiles from group 26.

45.4. Vertically place your part upright on all of the front-facing side studs of the previous part.

46. Horizontally place a black 1x2 jumper plate on the front row.

47. Place a white 1x1 round plate on top of the ppp. Now place a transparent orange 1x1 rounded light cover on top of the ppp.

48. Attach the pins of your part to the 2nd and 3rd back-facing pinholes from the right of the main build.

49. Place a light grey 2x2 tile with a pole with a stud on the 6th and 7th columns from the right so it is centered vertically. Then place a red 1x1 round tile with a top-facing bar on top.

50.1. Let's make a part! Horizontally place a silver lattice 3x6 window pane in front of you. Then place a brown 2x2 inverted tile with a sticker on top so it is centered horizontally and vertically.

50.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 2 on the brown 2x2 inverted tile. This sticker has a light orange background and a brown scary dog with a spike collar on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

50.3. Horizontally place your part upright on the 4 front-facing side studs so it is centered horizontally on them and 1 row overhangs to the top. Make sure the tile faces the front! Now put your build away while we make the next part!

Building Instructions (Bag 4, Book 4):

Group 28 - Crane Operator

Sub-build 3. Locate 1 sand blue pair of legs, 1 torso printed with a white undershirt and a sand blue jacket, 1 yellow head printed with eyes, a smile, and a beard, 1 light brown hair, 1 transparent 1x1 round brick, and 1 blue 1x1 round tile with a top-facing bar. Assemble your minifigure, place the 1x1 round tile with a bar on top of the 1x1 round brick, then attach it to his hand! This is a water bottle! Now put your minifigure away while we make the crane!

Group 29 - Office and Crane

1. Horizontally place a dark grey 6x14 plate in front of you. Then horizontally place a light grey 1x2 brick with a pin hole on the back right corner.

2. Vertically place a light grey 1x2 brick with a pin hole on the rightmost column on the 2nd and 3rd rows from the back. Now insert a black 2L pin into the right-facing hole of the ppp.

3. Horizontally place a light grey 1x2 brick with a pin hole on the 2 rightmost columns on the 3rd row from the front.

4. Vertically place a light grey 1x4 masonry brick on the back 4 rows on the 3rd column from the right so the brick grooves face the left.

5. Vertically place a light brown 1x2 masonry brick on the front right corner so the brick grooves face the right. Now place a transparent blue 1x1 round tile to the left of the back row of the ppp.

6. Horizontally place a black 2x3 tile on the front row on the 2nd, 3rd, and 4th columns from the right so 1 row overhangs to the front.

7.1. Let's make a part! Vertically place a dark tan 2x3 plate in front of you. Then vertically stack 2 light brown 1x2 plates on the back right corner. Now place a transparent blue 1x1 round tile on the front right corner. Then vertically place a light grey 1x3 rounded plate on the rightmost column so it is centered vertically.

7.2. Vertically place the left column of your part underneath the overhang on the 2nd column from the right.

8. Horizontally place a dark tan 3x12 wedge plate underneath the overhang to the left of the ppp so the angled side faces the front and the short end faces the left.

9. Place a light brown 1x1 brick on the front row of the 4th column from the right. Then horizontally place a light brown 1x2 masonry brick to the right of the ppp so the brick grooves face the front.

10. Vertically place a white 1x3 brick on the back right corner.

11. Place a white 1x1x3 brick on the back right corner. Then vertically place a white 1x2x2 panel in front of the ppp so the wall faces the right. Now vertically place a white 1x4x3 panel in front of the ppp so the wall faces the right.

12. Vertically place a white 1x4 brick on the rightmost column on the 2nd, 3rd, 4th, and 5th rows from the back.

13. Vertically place a light grey 1x4 brick with pin holes on the back right corner. Now insert a black 2L pin into the front and back right-facing holes of the ppp.

14. Place a white 1x1 brick on the rightmost column on the 5th row from the back. Then vertically place a white 1x2x2 panel in front of the ppp so the wall faces the right.

15.1. Let's make a part! Vertically place a brown 2x4 plate in front of you. Then vertically place a white 1x2 plate on the back right corner. Now vertically place a white 1x2 tile printed with a keyboard on the back left corner.

15.2. Vertically place a white 1x2 brick with 2 side studs on the back right corner so the side studs face the left. Now vertically place a white 1x2 slope tile on top of the ppp so it slopes to the right.

15.3. Place a white 2x2 tile printed with a light green computer screen upright on the left-facing side studs so 1 row overhangs to the top. Now place a white 1x1 tile with a round side on the front left corner so the round side faces the front left.

15.4. Vertically place your part on the back 4 rows of the 2nd and 3rd columns from the right so the upright tile faces the left.

16. Place a brown 2x2 chair on the 2nd and 3rd rows from the back to the left of the ppp so the back of the chair faces the left.

17. Horizontally place a black 1x4x4 window frame on the 2nd row from the front of the 4 rightmost columns so the ridged side faces the front. Now attach a transparent window pane to the front of the ppp.

18. Horizontally place 2 black 1x2x2 window frames, 1 to the right of the other, on the 2nd row from the front of the 4 rightmost columns so the ridged sides face the front. Now attach a transparent window pane to the front of each of the 2 ppp.

19.1. Let's make a part! Horizontally place a black 2x6 diagonal door frame in front of you so the flat side faces the front. Now attach a transparent door to the front of the ppp so the front-facing side stud is on the right and it opens to the front.

19.2. Place a black 1x1 clip upright on the front-facing side stud so the clip hands face left and right. Now vertically attach a light grey wrench to the clip so the wrench head is on top.

19.3. Place the rightmost column of your part on the front row of the 5th column from the right so the door opens to the front left.

20. Vertically place 2 light brown 1x2 masonry bricks, 1 behind the other, behind the leftmost column of the ppp so the brick grooves face the left.

You will have an extra transparent 1x1 round tile. Save it for later!

Group 30 - Office and Crane

21. Vertically place a sand green 1x2 rounded plate on the back 2 rows on the 6th column from the left. Now place a light brown 1x1 round tile printed with a paw on the back row of the ppp. Then place a transparent blue 1x1 round tile in front of the ppp.

22. Vertically place a black 1x4x3 window frame on the back 4 rows on the 7th column from the left so the ridged side faces the left. Now attach a transparent window pane to the left-facing side of the ppp.

23. Rotate your build 90 degrees counter clockwise so it is vertical and the door opens to the front right. Now horizontally place 2 black 1x2x2 window frames, 1 to the right of the other, on the 4 leftmost columns on the 7th row from the front so the ridged side faces the front. Now attach a transparent window pane to the front of each of the 2 ppp.

24. Horizontally place a white 1x8 plate on the back left corner. Then horizontally place a white 1x5 plate on the 5 leftmost columns on the 7th row from the front.

25. Vertically place a white 1x8 plate on the back left corner so it sits on 2 studs. Then vertically place 2 white 2x8 plates, 1 to the right of the other, to the right of the ppp.

26. Horizontally place a white 1x3 plate on the back row to the right of the ppp.

27. Place a light grey 4x4 brick with a 2x2 gap and pin holes on the front left corner so 1 row overhangs to the front and the pinholes face the front.. Now horizontally place a dark grey 1x4 plate underneath the overhang. Now insert a black 2L pin into the leftmost and rightmost front-facing pin holes.

28. Place a black 4x4 tile with a ridged circle on top of the 4x4 brick with a 2x2 gap and pin holes.

29.1. Let's make a part! Place a black 4x4 round plate in front of you. Then place a black 4x4 round brick with pin holes on top.

29.2. Horizontally place a black 2x4x2 half cylinder panel on the front 2 rows so the round side faces the front. Then repeat symmetrically to the back. Now place a black 4x4 round plate on top.

29.3. Place a black 4x4 round brick with pin holes on top. Then place a light grey 1x2 curved tile on the front left corner so the curve faces the front left. Then repeat symmetrically to the right. Now repeat both parts symmetrically to the back. Now place a red 2x2 round brick on top so it is centered.

29.4. Place your part on the 4x4 tile with a ridged circle. It should be able to freely spin!

Group 31 - Office and Crane

30. Let's make a part! Place a black 4x4 plate with a 2x2 gap in front of you. Then vertically place a black 1x4 brick on the leftmost column.

31. Horizontally place a black 1x14 brick with pin holes on the back row to the right of the 1x4 brick.

32. Horizontally place a light grey 2x6 brick on the rightmost column of the 2nd and 3rd rows from the front so it overhangs 5 columns to the right.

33. Horizontally place a black 1x14 brick with pin holes on the front row to the right of the 1x4 brick.

34. Place a black 4x4 plate with a 2x2 gap on the 4 leftmost columns.

35. Rotate your main build 90 degrees clockwise so it is horizontal and the door opens to the front left. Now horizontally place the 4 leftmost columns of your part on top of the back left corner so the 2x2 round brick fits in the 2x2 gap of the part.

36. Vertically place a black 1x2 brick on the rightmost column on the 2nd and 3rd rows from the back.

37. Horizontally place 2 white 2x8 plates, 1 in front of the other, on the back right corner. Then horizontally place 2 black 2x3 tiles, 1 in front of the other, to the left of the 2 ppp.

38. Place a light grey 1x2 curved tile on the back left corner so the curve faces the back left. Then place another 1 to the right so the curve faces the back right. Now repeat both parts symmetrically to the front. They should form a circle now!

39.1. Let's make 2 identical parts! Horizontally place a black 9L lift arm in front of you so the pin holes face up. Then insert a black 2L pin into the leftmost and rightmost pin holes.

39.2. Now you should have 2 identical parts! Rotate your main build 180 degrees. Now vertically attach 1 part to the 2 leftmost front-facing pin holes. Then repeat symmetrically to the right.

You will have 2 extra black 2L pins. Save them for later!

Group 32 - Office and Crane

40.1. Let's make a part! Horizontally place a black 9L lift arm in front of you so the pin holes face front and back. Then insert a black 2L pin from group 31 into the leftmost and rightmost back-facing pin holes. Now insert a yellow 2L pin into the 2nd front-facing pin hole from the left. Then repeat symmetrically to the right. Now insert 1 in the middle front-facing pin hole.

40.2. Rotate your main build 180 degrees. Now vertically attach the pins on the end of your part to the 2 leftmost front-facing pin holes so the 3 pins face the front.

41. Horizontally place a white 1x8 plate on the 8 rightmost columns on the 5th row from the back. Then vertically place a white 1x2 plate on the rightmost column in front of the ppp.

42. Place a light grey 1x1 round tile with a top-facing bar on the front right corner. Make sure it is actually on the front right corner! Now stack 4 light grey candle sticks on top of the ppp.

43. Place a light grey 1x1 plate with a clip on the rightmost column on the 2nd row from the front so the clip faces the front and attaches to the ppp. Then horizontally place a white 1x4 brick to the left of the ppp.

44. Place a white 2x2 tile with a stud on the 2nd and 3rd rows from the front, on the 5th and 6th columns from the right so it sits on the door frame.

45. Place a short black 1x1 brick with a round side and a side stud on top of the ppp so the side stud faces the front left. Then place a yellow 1x1 round plate upright on the side stud of the ppp.

46. Vertically place a white 1x3 plate on the rightmost column on the 5th, 6th, and 7th rows from the back. Now place a light grey 1x1 plate with a clip in front of the ppp so the clip faces the front. Then horizontally place a white 1x3 plate to the left of the ppp. Then place the front row of a white 4x4 plate with a cutoff corner to the left of the ppp so the cutoff corner faces the front left.

47. Vertically place 2 white 1x2 plates, 1 in front of the other, on the back right corner. Now vertically place 2 more, 1 in front of the other, on the back 4 rows of the 8th column from the right.

48. Place a white 1x1 brick on the 5th row from the back on the 8th column from the right. Then vertically place a white 1x4 slope brick on the rightmost column on the 5th, 6th, 7th, and 8th rows from the back so it slopes to the front.

49. Attach the bar of a light grey 1x1 round tile with a top-facing bar to the clip in the front right corner so the anti-stud faces up.

50. Place a white 1x1 brick on the back right corner. Then vertically place a white 1x4 slope brick in front of the ppp so it slopes to the front.

51. Vertically place 2 red 1x2 plates with a stud and a clip, 1 to the right of the other, on the 2nd and 3rd columns from the right, on the 2nd and 3rd rows from the back so the clips are in the front. Now vertically place 2 more, 1 to the right of the other, on the 6th and 7th columns from the right, on the 2nd and 3rd rows from the back so the clips are in the front.

52. Place a black 2x2 sloped curved tile on the back 2 rows on the 2nd and 3rd columns from the right so it slopes to the back. Then place another 1 on the back 2 rows on the 6th and 7th columns from the right so it slopes to the back.

53. Place a white 1x1 brick on the back row on the 8th column from the right. Then vertically place a white 1x4 slope brick in front of the ppp so it slopes to the front.

Building Instructions (Bag 5, Book 4):

Group 33 - Office and Crane

54. Place an orange 1x1 plate on the 4th row from the front of the 6th column from the left. Then place a white 1x1 round plate on top of the ppp. Now place an orange 1x1 cone brick on top of the ppp.

55. Horizontally place a dark tan 2x3 tile on the front left corner so 1 column overhangs to the left. Now place a dark tan 3x3 quarter circle plate underneath the overhang so 1 row is exposed to the back, 2 columns are exposed to the left, and the curve faces the front left.

56.1. Let's make a part! Place a white 2x2 round plate in front of you.

Group 34 - Office and Crane

56.2. Place a green 2x2 round plate on top of the ppp.

Group 35 - Office and Crane

56.3. Place a red 2x2 round plate on top of the ppp. Now place a white 2x2 round brick on top. Then place a white 2x2 round tile printed with a sticker on top.

56.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 3 on the white 2x2 round tile. This sticker has a red and green circle on it. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

56.5. Place your part on the back 2 rows of the 2 leftmost columns.

57. Place a dark green 1x1 round plate with 3 leaves on the front left corner, in front of the ppp so the leaves face the front left.

58. Let's make a part! Horizontally place a dark grey 4x8 plate in front of you. Then vertically place a dark grey 1x6 tile on the rightmost column so 2 rows overhang to the front.

59. Place the rightmost column of a dark grey 4x4 plate underneath the overhang.

60. Vertically place a light brown 1x2 tile on the front right corner. Then vertically place another 1 on the back 2 rows on the 4th column from the left. Now vertically place a dark grey 1x6 tile in front of the ppp so it overhangs 4 rows to the front. Then vertically place a dark grey 1x6 tile on the back 6 rows on the 3rd column from the right.

61. Place a dark grey 4x4 plate with a cutoff corner underneath the front left overhang so the cutoff corner faces the front left.

62. Vertically place a dark grey 1x6 tile on the back 6 rows on the 2nd column from the left.

63. Flip your part upside down so the cutoff corner faces the front right. Then horizontally place a light grey 1x6 plate on the back row so it is centered horizontally. Then vertically place a black 2x8 plate in front of the ppp so it is centered horizontally.

64. Horizontally place 2 light grey 1x2 plates with a rail, 1 to the right of the other, on the front row on the 2nd, 3rd, 4th, and 5th columns from the left so the rails face the front.

65. Vertically place a light grey 2x3 plate with a bar underneath on the 2nd and 3rd columns from the left and 2nd, 3rd, and 4th rows from the back. Then repeat symmetrically to the right.

66. Flip your part over so it is right side up and the cutoff corner faces the front left. Now vertically place a dark grey 1x2 jumper plate on the front 2 rows on the 3rd column from the right. Then place a dark green 1x1 round plate with 3 leaves on top so the leaves face the front.

67. Attach the bars of your part to the 4 top-facing clips on the back right corner of the main build so it slopes to the front and the cutoff corner is in the front left.

Group 36 - Office and Crane

68.1. Let's make a part! Horizontally place a black 2x6 plate in front of you. Then vertically place an orange 1x2 plate on the leftmost column. Then repeat symmetrically to the right.

68.2. Place an orange 4x4 rounded tile printed with a tire and a wrench on top so it is centered horizontally and vertically.

68.3. Vertically place a silver 1x2 plate with 3 teeth on the leftmost column so it is centered vertically and the teeth face the right. Then repeat symmetrically to the right.

68.4. Vertically place a black 1x2 ingot tile on the leftmost column. Then repeat symmetrically to the right.

68.5. Flip your part upside down so it is horizontal. Horizontally place an orange 1x2 plate on the front row so it is centered horizontally. Then repeat symmetrically to the back.

68.6. Horizontally place a light grey 1x4 plate with an upright bar on the long side on the 2nd row from the back so it is centered horizontally and the bar faces the back. Now place a light grey 2x2 inverted sloped curved tile on the 2nd and 3rd rows from the front so it is centered horizontally and slopes to the front.

68.7. Horizontally insert the bar of your part into the front left facing side stud above the door frame of the main build so it overhangs to the top.

69. Let's make a part! Horizontally place a black 2x2 brick with an axle hole connected to a 1x14 hollow brick with a pinhole in front of you so the 2x2 brick is on the left.

70. Insert a blue 2L pin axle into the front-facing axle hole of the 2x2 brick so the pin faces the front. Then repeat symmetrically to the back.

71. Place a light orange 2x2 plate on the 2 leftmost columns.
72. Place a black 2x2 tile with a stud on the 2 leftmost columns. Then horizontally place 2 black 1x6 tiles, 1 to the right of the other, to the right of the ppp. Now horizontally place a black 1x2 jumper plate on the 2 rightmost columns.
73. Place a white 1x1 round plate on the leftmost and rightmost studs.
74. Place a transparent orange 1x1 rounded light cover on top of each of the 2 ppp.
75. Place a short black 2x2 ridged brick underneath the 2 leftmost columns. Then place a light grey 2x2 plate with a pinhole underneath, underneath the 2 leftmost columns so the hole faces the front and back. Now insert a black 2L pin into the front-facing and back-facing holes of the ppp.
76. Let's make another part! Horizontally place a dark grey 1x2 tile with 2 upright pinholes on top in front of you. Now insert a black 2L pin into the bottom front-facing hole.
77. Horizontally attach a dark grey 1x2 tile with 2 upright pinholes on top to the front-facing pin.
78. Place a light grey 2x2x2 round brick with pinholes underneath your part so the pinholes face the front and back.
79. Attach a dark grey 3x3 circle with 2 pins to the 2 back-facing pinholes. Now attach a light grey hollow circle with 3 pinholes to the back-facing side of the ppp so the pinholes stick up.
80. Rotate your part 180 degrees, then attach the back-facing pinholes of your part to the front-facing pins of your previous part.
81. Rotate your part 180 degrees. Now attach a dark grey circle with 2 pins to the front-facing pinholes. Now attach a light grey hollow circle with 3 pinholes to the front side of the ppp so it attaches to the 2 front-facing pins.
82. Lay your part on its side so the 1x1 rounded light covers face the back. Now insert a black 10L axle into the front-facing anti-stud of the 2x2x2 round brick so it goes all the way back.
83. Place the 10L axle of your part in the middle of the 4 1x2 curved tiles that are in the back left corner of the main build so it goes all the way down and the rest of the part overhangs to the left.
84. Let's make a part! Place a light grey 3x3 thin L-shaped lift arm in front of you so the right angle faces the back left. Now insert a red 2L axle into the back left top-facing axle hole.
85. Insert a red 2L axle into the front top-facing axle hole. Then insert another 1 into the rightmost top-facing axle hole.
86. Horizontally place the 3 leftmost columns of a light grey 15L liftarm on the back 2 top-facing axles so it overhangs 12 columns to the right.
87. Place a black pin connector with a pin on the front top-facing axle so the pin faces the front right.

88. Place a light grey 3x3 thin L-shaped lift arm on top of the 3 top-facing axles so the right angle faces the back left.

89. Insert the 15L lift arm of your part into the left-facing hollow 1x12 brick of the 2x2 brick with a hollow 1x12 brick so the pin faces down.

90.1. Let's make a part! Horizontally place a dark grey 4x10x4 claw half with 2 stickers so the pinhole is in the back, on top, and faces front and back.

90.2. Skip this step if you have already placed your stickers! Ask a helper to place 2 of sticker 4 on the dark grey claw half. These stickers have a red and white hazard line. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

90.3. Insert a tan 3L pin into the front-facing hole so the 2L pin faces the front.

90.4. Insert a black pin connector with a pin into the front-facing pin so it goes all the way in and the pin faces up. Now place a black 2L pin connector on top of the top-facing pin.

90.5. Attach the pinhole of a dark grey claw half with a pin connector and 2 stickers to the front-facing pin so the claw is on the right.

90.6. Skip this step if you have already placed your stickers! Ask a helper to place 2 of sticker 4 on the dark grey claw half. These stickers have a red and white hazard line. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

90.7. Place a white rubber band from a cardboard box around the ridged part of the 2 claw halves underneath the pin holes.

90.8. Attach the top-facing pinhole of your part to the bottom-facing pin of the crane.

91. Vertically place a nougat dog on the 2nd and 3rd rows from the front, to the right of the 2x3 tile that is in the front left corner so there is a 1 column gap in between them so the head faces the front. Now put away your build while we make the next part!

Building Instructions (Bag 6, Book 5):

Group 37 - Crusher

1. Horizontally place a dark grey 4x12 plate in front of you. Then place a brown 1x1 swirl on the back left corner.

2. Vertically place a black 2x6 tile on top so it is centered horizontally and overhangs 2 rows to the front. Now horizontally place a light grey 2x3 tile on the back 2 rows to the left and right of the ppp.

3. Horizontally place a light grey 2x3 tile on the front 2 rows to the left and right of the previous 2x6 tile.

4. Horizontally place a black 2x4 plate underneath the front 2 rows so it is centered horizontally.

5. Vertically place a light grey 1x6 brick on the 2nd column from the left so it overhangs 2 rows to the front. Then repeat symmetrically to the right.
6. Place a dark grey 4x4 plate with a missing 2x2 corner underneath the leftmost overhang so the leftmost column aligns with the leftmost column of the main build so the right angle faces the back left. Then repeat symmetrically to the right.
7. Horizontally place a light grey 2x3 brick on the front 2 rows on the 3rd, 4th, and 5th columns from the left. Then repeat symmetrically to the right.
8. Vertically place a light grey 1x2 masonry brick on the leftmost column on the 3rd and 4th rows from the front so the brick grooves face the left. Then repeat symmetrically to the right.
9. Vertically place a light grey 1x4 brick with a horizontal rail groove on the front 2 rows of the 2nd column from the left so it overhangs 2 rows to the front and the gap faces the right. Then repeat symmetrically to the right.
10. Rotate your part 90 degrees clockwise so the overhang faces the left. Now horizontally place a dark grey 2x16 plate underneath the front overhang so 1 row is exposed to the front. Then repeat symmetrically to the back.
11. Horizontally place 2 light grey 1x4 bricks with a horizontal rail groove, 1 to the right of the other, on the 2nd row from the front to the left of the 1x4 brick with a horizontal rail groove so the gaps face the back. Then repeat symmetrically to the back.
12. Horizontally place a light grey 1x4 brick with pin holes on the front row on the 7th, 8th, 9th, and 10th columns from the left. Then repeat symmetrically to the back.
13. Horizontally place a light grey 1x4 brick with a horizontal gap on the 2nd row from the front on the 3rd, 4th, 5th, and 6th columns from the left so the gap faces the back. Then repeat symmetrically to the back.

Group 38 - Crusher

14. Let's make a part! Horizontally place a black 2x8 plate in front of you. Then vertically place a black 1x2 plate with a 1x4 cylinder on the leftmost column so the cylinder overhangs to the left.
15. Horizontally place a white 2x14 plate on the 7 rightmost columns so 5 columns overhang to the right.
16. Horizontally place a black 2x6 tile on the 8 leftmost columns. Then vertically place a yellow 1x2 tile to the right of the ppp.
17. Horizontally place a black 8x16 tile on the 6 rightmost columns so it is centered vertically.
18. Flip your part upside down so it is horizontal and the cylinder is on the left. Now horizontally place a light blue 2x3 plate on the 9th, 10th, and 11th columns from the left so it is centered vertically and sits to the right of the 2x8 plate.
19. Place a white 2x2 plate on the 2nd and 3rd rows from the front on the 5th and 6th columns from the left of the 8x16 tile. Then repeat symmetrically to the back.

20. Horizontally place a light grey 1x8 plate with a rail on the front row of the 8x16 tile so it is centered horizontally to it and the rail faces the front. Then repeat symmetrically to the back.

21. Place a white 2x2 plate on the 2nd and 3rd rows from the front on the 5th and 6th columns from the right. Then repeat symmetrically to the back. Now horizontally place the 2 leftmost columns of a white 2x12 plate in between the 2 ppp so it overhangs 6 columns to the right.

22. Vertically place a black 2x8 plate on the 5th and 6th columns from the right of the 8x16 tile so it is centered vertically. Then repeat symmetrically to the left.

23. Place a tan 2x2 inverted round tile with a rounded bottom on the 5th and 6th columns from the right of the 8x16 tile so it is centered vertically. Then repeat symmetrically to the left. Now place another 1 to the left of the ppp so there are 2 columns free in between them.

24. Flip your part right side up so it is horizontal and the studs are on the right. Now horizontally place a black 2x6 tile on the 6 rightmost columns.

25. Horizontally place the 2 rightmost columns of your part on the 5th and 6th columns from the right of the main build so it is centered vertically. It should not attach to any studs!

26. Horizontally place a light grey 1x6 brick on the 2 leftmost columns of the 2nd row from the front so it overhangs 4 columns to the left. Then repeat symmetrically to the back.

27. Place a dark grey 4x4 L-shaped plate on the front left corner so 1 row overhangs to the front so the right angle faces the front right.. Then repeat symmetrically to the back.

28. Horizontally place a light grey 1x2 masonry brick on the front left corner so the brick grooves face the front. Then repeat symmetrically to the back.

29. Vertically place a light grey 2x3 brick on the 2 leftmost columns of the 3rd and 4th rows from the front so it overhangs 1 row to the back. Then repeat symmetrically to the back.

Group 39 - Crusher

30. Flip your build upside down so it is horizontal and the cylinder is on the left. Now vertically place 2 black 1x4 tiles with 2 studs, 1 to the right of the other, on the 6th and 7th columns from the left so they are centered vertically.

31. Flip your build over so it is right side up, horizontal, and the cylinder is on the left. Now vertically place a red 1x8 brick on the leftmost column of studs so it is centered vertically.

32. Vertically place 2 red 1x4x3 panels, 1 in front of the other, on top of the ppp so they are centered vertically and the walls face the right. Now vertically place a red 1x8 brick on top of the 2 ppp so it is centered vertically.

33. Horizontally place a red 1x6x5 ridged panel on the 2nd row from the front on the 6 leftmost columns of studs so the ridged side faces the front. Then horizontally place another 1 to the right so the ridged side faces the front. Now repeat everything symmetrically to the back.

34. Horizontally place a red 1x2x5 brick on the front left corner. Then repeat symmetrically to the back.

35. Vertically place a black 2x12 plate on the 2 leftmost columns of studs so it is centered vertically. Now horizontally place a black 1x8 plate on the 2nd row from the front, to the right of the ppp. Then repeat symmetrically to the back.

36. Horizontally place a red 1x4x4 window frame on the front row on the 1x4 brick with pin holes that is on the 15th, 16th, 17th, and 18th columns from the right so the ridged side faces the front. Then horizontally place a red 1x4 brick with pinholes on top. Now repeat both parts symmetrically to the back.

37. Horizontally place a red 1x6x5 ridged panel on the 2nd row from the front on the 5th, 6th, 7th, 8th, 9th, and 10th columns from the right so the ridged side faces the front. Then horizontally place another 1 to the left so the ridged side faces the front. Now repeat both parts symmetrically to the back.

38. Horizontally place a black 1x8 plate on the 2nd row from the front to the left of the 6 rightmost columns. Then horizontally place a black 2x4 plate on the front 2 rows to the left of the ppp. Now repeat both parts symmetrically to the back.

Building Instructions (Bag 7, Book 5):

Group 40 - Worker

Sub-build 4. Locate 1 sand blue pair of legs, 1 light grey torso printed with a neon yellow jacket with light grey stripes, 1 yellow head printed with eyes, red lips, and lashes, 1 light brown hair, and 1 cross bar. Assemble your minifigure then attach the bar to her hand!

Group 41 - Crusher

39. Horizontally place a red 1x2x5 brick on the front row on the 5th and 6th columns from the right. Then repeat symmetrically to the back.

40. Vertically place a red 1x8 brick on the 5th column from the right so it is centered vertically. Now vertically place 2 red 1x4x3 panels, 1 in front of the other, on top of the ppp so the walls face the left.

41. Horizontally place a red 1x4x4 window frame on the 4 rightmost columns and 2nd row from the back so the ridged side faces the back. Now attach a dark grey ridged door flap to the back side of the ppp so the handle is at the bottom.

42.1. Let's make a part! Horizontally place a red 1x4 brick in front of you. Then horizontally place a red 1x2x2 brick on the 2 leftmost columns. Now horizontally place a red 1x2x2 brick with 2x2 side studs on the 2 rightmost columns so the side studs face the front. Then horizontally place a red 1x2 plate on the 2 rightmost columns. Now horizontally place a red 1x4 brick on top.

42.2. Horizontally place your part on the 4 rightmost columns on the 2nd row from the front so the side studs face the front.

43. Vertically place a light grey 1x6 brick on the 5th column from the right so it is centered vertically. Now place the left column of a red 2x2 corner brick in front of the ppp so it looks like the braille letter d. Then repeat symmetrically to the back.

44. Place 2 red 1x1 bricks with axle holes, 1 to the right of the other, on the 2nd and 3rd columns from the right, on the 2nd row from the front so the axle holes face the right. Then repeat symmetrically to the back.

45.1. Let's make a part! Place a white 2x2 plate in front of you. Then horizontally place a light grey 1x2 tile printed with buttons and speedometers on the back row. Now place a transparent red 1x1 round tile on the front right corner. Then place a light grey 1x1 rounded part with an antenna on the front left corner so the antenna faces the back. This is the control panel for the crusher!

45.2. Place your part upright on the 2 rightmost columns of front-facing side studs so the 1x2 tile is on top.

Group 42 - Crusher

46. Let's make a part! Vertically place a black 10L axle in front of you. Then attach a light grey axle connector with a 2L pin to the back side of the 10L axle so the 2L pin faces the left.

47. Horizontally insert a black axle connector with a 1x2 plate into the front-facing axle so it goes all the way back and the studs are on the right and face up. Then horizontally place a black 1x6 tile on the ppp so it overhangs 4 columns to the right.

48. Repeat the previous step 7 more times in the front.

49. Attach a light grey axle connector with a 2L axle to the front side of the 10L axle so the 2L axle faces the left.

50. Vertically attach the axles of your part to the right-facing axle holes that are on the 2nd column from the right and 2nd rows from the front and back so the tiles hang down and face the right. Make sure the axles go all the way in.

51. Horizontally place a black 1x2 plate on the front row on the 5th and 6th columns from the right. Then repeat symmetrically to the back. Now vertically place the 2 leftmost columns of a red 6x10 plate in between the 2 ppp.

52.1. Let's make a part! Horizontally place a dark tan 2x6 plate in front of you. Then horizontally place a dark tan 1x6 plate behind the ppp. Now horizontally place a dark grey 2x4 plate on the back 2 rows so it is centered horizontally.

52.2. Place a dark tan 3x3 quarter circle plate to the right of the part so it is centered vertically and the curve faces the front right. Now place a dark grey 3x3 plate on the back 2 rows on the 2nd, 3rd, and 4th columns from the right so it overhangs 1 row to the back.

52.3. Horizontally place the overhang of your part on the front row on the 2nd, 3rd, and 4th columns from the right.

53. Let's make a part! Horizontally place a black 1x4 brick in front of you.
54. Place 4 black 1x1 plates with a clip on top so the clips face the front.
55. Horizontally place a black 1x4x2 panel on top so the wall faces the back.
56. Place 4 black 1x1 plates with a clip on top so the clips face the front.
57. Horizontally place a black 1x4 half cylinder brick on top.
58. Attach a silver hammer to the front left facing clip so the hammer head is on top. Attach a silver socket wrench to the right of the ppp. Then attach a silver wrench to the right of the ppp. Now attach a silver ratchet wrench to the right of the ppp.
59. Attach a silver spray canister to the top left front-facing clip. Attach a wrench to the right of the ppp. Then attach a silver screw driver to the right of the ppp. Now attach a silver electric drill to the right of the ppp so it faces the right.
60. Horizontally place your part on the 3rd row from the front, on the 4th, 5th, 6th, and 7th columns from the right so the tools face the front.
61. Place a dark green 1x1 round plate with 3 leaves on the 3rd stud from the front of the rightmost column so the leaves face the front right.

Building Instructions (Bag 8, Book 5):

Group 43 - Crusher

62. Vertically place 2 red 2x4 tiles, 1 in front of the other, on the 2 leftmost columns of studs so they are centered vertically. Then vertically place a light grey 1x2 plate with a stud and a hole in front of the left column of the 2 ppp so the hole is in the back. Then repeat symmetrically to the back.
63. Horizontally place a light grey 1x2 sloped curved tile on the front row of the 2 leftmost columns of studs so it slopes to the right. Then repeat symmetrically to the back.
64. Horizontally place a red 1x4 tile on the front row on the 15th, 16th, 17th, and 18th columns from the right. Then horizontally place a red 1x6 plate behind the ppp so it is centered horizontally to it. Now repeat both parts symmetrically to the back.
65. Horizontally place a red 1x6 plate on the 2nd row from the back to the left and right of the previous 1x6 plate. Then repeat symmetrically to the front.
66. Place a black 1x1 half cylinder brick on the 2nd row from the back on the 8th column from the right so it slopes to the front and back. Now horizontally place 4 black 1x4 half cylinder bricks, 1 to the left of the other, to the left of the ppp. Then place a black 1x1 half cylinder brick to the left of the 4 ppp so it slopes to the front and back. Now repeat everything symmetrically to the front.

67. Vertically place 2 red 2x4 tiles, 1 in front of the other on the 5th and 6th columns from the right so they are centered vertically. Now vertically place a light grey 1x2 plate with a stud and a hole in front of the right column of the 2 ppp so the hole is in the back. Then repeat symmetrically to the back.

68. Horizontally place a light grey 1x2 sloped curved tile on the back row on the 5th and 6th columns from the right, on top of the ppp so it slopes to the left. Then repeat symmetrically to the front.

Group 44 - Crusher

69. Let's make a part! Horizontally place a black 1x4 plate in front of you.

70. Vertically place a red 1x3 plate on the leftmost column so it overhangs 2 rows to the front.

71. Horizontally place a black 2x12 plate underneath the overhang so 11 columns are exposed to the right.

72. Vertically place 2 red 1x2 plates with a pin hole, 1 to the right of the other, on the back 2 rows on the 2nd and 3rd columns from the left so the holes overhang to the back.

73. Horizontally place a red 2x6 plate on the back 2 rows to the right of the 2 ppp so it overhangs 1 row to the back. Then horizontally place another 1 to the right so it overhangs 1 row to the back and 3 columns to the right.

74. Horizontally place a black 2x12 plate underneath the front row of the 3 rightmost columns so 1 row is exposed to the front and 9 columns are exposed to the right. Now horizontally place a red 2x6 plate on the back row on the 4th, 5th, 6th, 7th, 8th, and 9th columns from the right so it overhangs 1 row to the back.

75. Vertically place a red 1x3 plate on the rightmost column so 1 row overhangs to the back. Then vertically place 2 red 1x2 plates with a hole, 1 to the right of the other, on the back row, on the 2nd and 3rd columns from the right so they overhang 1 row to the back and the holes are in the back.

76. Horizontally place a red 3x6 trapezoid plate on the front row on the 2nd, 3rd, 4th, 5th, 6th, and 7th columns from the right so the short end overhangs 2 rows to the front. Then repeat symmetrically to the left. Now horizontally place another 1 in between them so it is centered horizontally and the short end overhangs 2 rows to the front. Now horizontally place a red 1x2 plate on the front row on the 8th and 9th columns from the right. Then repeat symmetrically to the left.

77. Flip your part over so it is horizontal and the holes are in the front. Now horizontally place a black 1x4 plate on the front left corner. Then repeat symmetrically to the right.

78. Flip your part over so it is right side up, horizontal and the holes are in the back. Now horizontally place a black 2x6 tile on the 6 leftmost columns on the 2nd and 3rd rows from the back. Then horizontally place another 1 to the right.

79. Horizontally place a light grey 1x2 plate with 2 side studs sticking up on the back row so it is centered horizontally and the side studs face the back. Now horizontally place a light grey 1x2 grill tile upright on the back-facing side studs.

80. Horizontally place 2 light grey 1x2 sloped curved tiles, 1 to the right of the other, on the back row so they are centered horizontally and slope outwards to the left and right.

81. Horizontally place a black 2x6 tile on the 6 rightmost columns on the 2nd and 3rd rows from the back. Then horizontally place another 1 to the left.

82. Flip your build upside down so it is horizontal and the upright grill tile faces the front. Now place a transparent orange 2x2 inverted round tile with a rounded bottom on the 2nd and 3rd rows from the front on the 4th and 5th columns from the left. Then repeat symmetrically to the right. Now place another 1 in between them so it is centered horizontally.

83. Flip your part over so it is right side up, horizontal, and the pinholes are in the back. Now horizontally line the pinholes of your part with the 2 pinholes on the 2nd row from the back of the main build so your part is in the front.

84. Insert a 3L pin with a stop into the back left-facing pinhole so it goes all the way. Then repeat symmetrically to the right.

Group 45 - Crusher

85. Let's make a part! Horizontally place a black 1x4 plate in front of you.

86. Vertically place a red 1x2 plate on the leftmost column so it overhangs 1 row to the front.

87. Horizontally place a black 2x12 plate underneath the overhang so 11 columns are exposed to the right.

88. Vertically place 2 red 1x2 plates with a pin hole, 1 to the right of the other, on the back 2 rows on the 2nd and 3rd columns from the left so the holes overhang to the back.

89. Horizontally place a red 2x6 plate on the back 2 rows to the right of the 2 ppp so it overhangs 1 row to the back. Then horizontally place another 1 to the right so it overhangs 1 row to the back and 3 columns to the right.

90. Horizontally place a black 2x12 plate underneath the front row of the 3 rightmost columns so 1 row is exposed to the front and 9 columns are exposed to the right. Now horizontally place a red 2x6 plate on the back row on the 4th, 5th, 6th, 7th, 8th, and 9th columns from the right so it overhangs 1 row to the back.

91. Vertically place a red 1x2 plate on the rightmost column so 1 row overhangs to the back. Then vertically place 2 red 1x2 plates with a hole, 1 to the right of the other, on the back row, on the 2nd and 3rd columns from the right so they overhang 1 row to the back and the hole is in the back.

92. Place a red 3x3 plate with a cutoff corner on the front left corner so 2 rows overhang to the front and the cutoff corner faces the front right. Then repeat symmetrically to the right.

93. Horizontally place a red 1x2 plate on the front row on the 4th and 5th columns from the right. Then horizontally place a red 3x6 trapezoid plate to the left so the short end overhangs 2 rows to the front. Now

repeat both parts symmetrically to the left. Now horizontally place a red 1x2 plate on the front row of the build in between the trapezoid plates so it is centered horizontally.

94. Flip your part over so it is horizontal and the holes are in the front. Now horizontally place a black 1x4 plate on the front left corner. Then place a black 2x2 plate with a cutoff corner on the back left corner so there is no overhang and the cutoff corner faces the back right. Then repeat both parts symmetrically to the right.

95. Flip your part over so it is right side up, horizontal and the holes are in the back. Now horizontally place a black 2x6 tile on the 6 leftmost columns on the 2nd and 3rd rows from the back. Then horizontally place another 1 to the right.

96. Horizontally place a light grey 1x2 plate with 2 side studs sticking up on the back row so it is centered horizontally and the side studs face the back. Now horizontally place a light grey 1x2 grill tile upright on the back-facing side studs.

97. Horizontally place 2 light grey 1x2 sloped curved tiles, 1 to the right of the other, on the back row so they are centered horizontally and slope outwards to the left and right.

98. Horizontally place a black 2x6 tile on the 6 rightmost columns on the 2nd and 3rd rows from the back. Then horizontally place another 1 to the left.

99. Flip your build upside down so it is horizontal and the upright grill tile faces the front. Now place a transparent orange 2x2 inverted round tile with a rounded bottom on the 2nd and 3rd rows from the front on the 4th and 5th columns from the left. Then repeat symmetrically to the right. Now place another 1 in between them so it is centered horizontally.

100. Flip your part over so it is right side up, horizontal, and the pinholes are in the front. Now horizontally line the pinholes of your part with the 2 pinholes on the 2nd row from the front of the main build so your part is in the back.

101. Insert a 3L pin with a stop into the front left-facing pinhole so it goes all the way. Then repeat symmetrically to the right.

102. Vertically place a black 1x6 tile on the rightmost column so it is centered vertically. Then vertically place a black 1x2 jumper plate in front of the ppp. Then repeat symmetrically to the back.

103. Place a white 1x1 round plate on the rightmost column on top of each of the 1x2 jumper plates.

104. Place a transparent orange 1x1 rounded light cover on top of each of the 2 ppp.

Group 46 - Crusher

105. Let's make a part! Horizontally place a black 2x4 plate in front of you. Then horizontally place a dark grey 1x2 ridged brick on the back left corner so the horizontal ridges face the back.

106. Horizontally place a dark grey 1x2 ridged brick on the back right corner so the horizontal ridges face the front.

107. Horizontally place a red 1x2 steering wheel on the front row so it is centered horizontally and the wheel faces the front.

108. Horizontally place a white 2x4 brick with a mudguard on top so there is no overhang and the mudguard faces the front.

109. Vertically place a dark orange 1x2 plate on the leftmost column. Then place a dark orange 1x1 plate on the back row to the right of the ppp. Now place a light grey 2x2 corner plate on the 2 rightmost columns so it looks like the braille letter d.

You will have an extra light orange 2x2 triangle tile. Save it for later!

Group 47 - Crusher

110. Place a light orange 2x2 triangle tile from group 46 on the front left corner so the right angle faces the front left. Then place a black 2x2 triangle tile to the back right of the ppp so the right angle faces the back right. Now place a black 2x2 tile with a stud on the 2 rightmost columns.

111. Let's make a part! Horizontally place a black 2x4 plate in front of you. Then horizontally place a dark grey 1x2 ridged brick on the back left corner so the horizontal ridges face the back.

112. Horizontally place a dark grey 1x2 ridged brick on the back right corner so the horizontal ridges face the front. Then horizontally place a dark grey 1x4 tile with 2 studs on the front row.

113. Horizontally place a black 2x4 brick with a mudguard on top so there is no overhang and the mudguard faces the front.

114. Place a short red 1x1 brick on the back left corner. Then repeat symmetrically to the right.

115. Place a light grey 2x2 corner plate on the 2 rightmost columns so it looks like the braille letter d. Then repeat symmetrically to the left.

You will have an extra black 2x2 triangle tile. Save it for later!

Group 48 - Crusher

116. Place a light grey 2x2 triangle tile on the back right corner so the right angle faces the back right. Then place a black 2x2 triangle tile from group 47 to the front left of the ppp so the right angle faces the front left. Now place a black 2x2 tile with a stud on the 2 leftmost columns.

You finished the build! Now let's put everything where it belongs!

1. Rotate your main build 180 degrees so the upright 1x6 tiles face the left. Now insert the 2 parts you just made into the front-facing ridged window that is on the front left corner.

2. Open up the top compartment of the crusher and place 1 of your cars inside! Now you can push on the rightmost cylinder to shoot out the parts out the left side!

3. Let's assemble the build now! Vertically place the crusher in front of you so it is vertical and the upright 1x6 tiles face the front. Now horizontally attach the 3 pins of the office and crane build to the left-facing pinholes of the crusher so it is centered vertically.

4. Now locate your car lift and horizontally attach it to the 2 left-facing pins of the ppp so the vertically sloped 2x8 tiles slope to the front.

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