

10233 Horizon Express

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:

Front: towards you.

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: going from front to back.

Horizontally: going from left to right.

Upright: pointing up towards the ceiling, and down towards the floor.

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.

There are also abbreviations defined at the end of this file.

Fly down the track in the Horizon Express! Collect this highly detailed LEGO® interpretation of a modern, high-speed electric passenger train! The detailed body features black train windows, brick-built chevron detailing, extendable pantographs, printed windscreen and brick-built doors. Remove the roof to play inside 2 detailed passenger cars! Steer from the front engine car with, a control panel and brick-built electrical box! Then take to the tracks in luxury with the first-class car's seats, luggage, newspapers, computer screen and even a bathroom with sliding door! The rear car features a bar with hinged counter, tables for the passengers with seats, a coffee machine, cups, and bottles. For the ultimate high-speed experience, attach a second Horizon Express model, or motorize it by adding LEGO Power Functions! Hard-to-find elements include orange LEGO bricks (including 6x28 chassis plate) and printed tiles. Includes 6 minifigures: train engineer, train steward, and 4 passengers.

Book 1. Engine.

Book 2. passenger car.

Book 3. Cafe/dining Car

Book 1.

Make a minifigure, it's a girl with gray pants, blue shirt, striped, orange-gray vest and long braided hair.

Bag 1.

Put a 28x6 with two holes hor on the table.

Put a F 4x2 ver on the right edge, in the middle, overhanging to the right.

Bag 2.

Put a 3x2 hor to the left, in the middle.

Put a 6x1 hor in the right back corner.

Repeat symm at the front.

Put a 6x1 ver to the left of the two PPs.

Put a 2x1 hor to the left, at the back edge.

Repeat symm at the front.

Put a 3x2 hor to the left and to the back.

Repeat symm at the back.

Put a 6x1 hor to the left.

Repeat symm at the front.

Put a 2x1 slide ver to the left and to the back, slide to the back.

Repeat symm at the back.

Bag 3.

Put a 2x1 ver to the left.

Repeat symm at the front.

Put a F 6x2 ver to the left of the two PPs.

Put a F 4x2 hor to the left, at the back edge.

Repeat symm at the front.

Put a F 2x2 disk to the back of the two left columns of the PP.

Put a grate hor at the left back corner.

Repeat symm at the front.

Put a F 4x2 from a sep bag ver between the two PPs.

Bag 4.

Skip one column from the left and put a F 2x2 in the middle.

Put a F 2x1 with one button ver to the back of the right column of the PP.

Repeat symm at the front.

Put a grate hor to right, at the front edge.

Repeat symm at the back.

Put a F three-button corner piece to the front, letter F.

Put a F three-button corner piece to the front, letter H.

Put a F 2x1 with one button ver to the right and to the front.

Repeat symm at the back.

Stack two F 2x1 and put hor to the right, at the back edge.

Repeat symm at the front.

Bag 5.

Put a FS 2x1 with a handle hor to the back, slide to the back.

Repeat symm at the back.

Put a 1x1 wedge to the right, slide to the front.

Repeat symm at the front.

Put a F 3x1 hor at the front right corner.

Put a F 12x1 hor to the left.

Put a F 6x1 hor to the left.

Repeat steps 5-7 symm at the back.

Put a three-button corner piece at the right edge, skipping the front row, letter H.

Put a three-button corner piece to the back, letter F. Put a f6x2 hor to the left of the two pps in the middle. Put aside.

Bag 6. Make a part.

Put a 2x2/2x2 on the table, the holed side down and the buttons upright at the left. Put a F 1x1 with a clasp upright, hor, clasp overhanging to the front, on the front bottom button. Put another such piece symm at the back. Put another such piece the same way to the top. Put another such piece symm to the front.

Put a 2x2 ribbed cylinder sideways to the left. Put a F 2x2 disk sideways to the left. Put another ribbed 2x2 cylinder to the left.

Put four other F 1x1 with a clasp to the left, as before.

Put a 2x2/2x2 to the left and underneath, the same way as the first one.

Put a ringed stick hor, the ring to the left, at the front bottom two clasps.

Put another such stick to the top, as before.

Put two more such sticks at the back, as before.

Install as is in the middle of the right side.

Bag 7.

Put a three-button corner piece on the front right corner and to the right, letter F.

Put a FS 8x1 hor to the left, at the front edge.

Stack two F 2x1 and put hor to the left.

Put a 2x1 hor to the back.

Repeat steps 1-4 symm at the back.

Bag 8.

Put a three-button corner piece on the front right corner and to the right, letter F.

Skip eight columns to the left and put a 2x2 there.

Put a F 2x1 ver on the left column of the PP.

Repeat steps 1-3 symm at the back. Put aside.

Bag 9. Bags 9-14 make the black and white arrow patterns on the right front and back sides.

Make a part. Put a F 2x1 hor on the table. Put a F 1x1 with a clasp ver on the right button, the clasp overhanging to the front. Repeat to the left. Put two 1x1 wedges on top, left slide to the left, right to the right.

Repeat step 1 to make two such parts.

Hold your part so that the wedges are at the left and clasps are at the back. Install one upright, ver, the clasps to the back, on the front edge, on the second column from the right, by inserting the sticks into the clasps.

Install the other symm at the back. LMA.

Make a part. Hold a 2x2/2x1 corner piece upright, ver, the 2x1 to the top and the 2x2 to the right. Mount a F 2x1 upright, ver, on the back upper and lower buttons of the 2x2 side. Put two wedges on the PP, slides to the middle.

Skip eight columns from the right at the back edge and mount this part as is on the 2x2 there, to the right of the F 2x1.

Repeat step 6, but put a F 2x1 on the front upper and lower buttons. The wedges go on top of it.

Put this part symm at the front.

Bag 10.

Make a part. Put a F 1x1 with a clasp from a sep bag (white) ver on the table, the clasp to the back. Put a wedge from a sep bag on top, slide to the left.

Repeat three times to make four.

Install one upright, hor, the clasp to the back, the wedge to the left on the front edge, on the third column from the right, the clasp on the bottom stick and the wedge underneath the wedge already there.

Install the second such part to the left, upright, hor, the clasp to the back, the wedge to the left.

Repeat step 1 with the rest of the pieces (black).

Put two of the new parts (black) to the left, as in steps 3-4.

Put the two old parts (white) to the left, as in steps 3-4.

Bag 11.

Make a part. Put a F 1x1 with a clasp from a sep bag ver on the table, the clasp to the back. Put a wedge on top, the slide to the right.

Repeat three times to make four. Install one upright, the clasp to the back, the wedge to the right, on the front edge, on the third column from the right, on top of the part from the previous bag, the upper stick on the clasp.

Install the second such part to the left, upright, hor, the clasp to the back, the wedge to the left.

Repeat step 1 with the rest of the pieces (black).

Put two of the new parts (black) to the left, as in steps 3-4.

Put the two old parts (white) to the left, as in steps 3-4.

Bags 12-13. Rotate your structure back to front (and left to right) and repeat bags 10-11.

Bag 14. Rotate your structure back to front (and left to right).

Stack two 1x1 pieces and put on the front edge, skipping six columns from the left.

Put a ridged 2x1 hor to the right, the vertical ridges to the front.

Repeat four times.

Repeat steps 1-3 symm at the back. LMA.

Bag 15.

Make a part. Stack two 1x1 with handles, the handles on the same side. Put a FS 1x1 on top.

Repeat to make two.

Put one on the front edge, skipping five columns from the left, the handles to the front.

Put the other symm at the back.

Put five ridged 2x1 at the back, and five at the front, on top of other such pieces, as before.

Bag 16.

Put a F 2x1 hor on the front edge, skipping five columns from the left (overhanging a little to the front).

Put a F 3x1 hor on top of the PP and to the right.

Put a F 8x1 hor to the right.

Put a F 12x1 hor to the right.

Put a 2x1 to the back of the rightmost button and to the right.

Repeat steps 1-5 symm at the back.

Bag 17.

Make a part. Put a F 2x1 from a sep bag (brown) hor on the table. Put a F 2x1 (orange) hor on top.

Take a 2x1/2x2 from a sep bag (gray) hor on the table, the 2x2 side buttons to the front, and put the stack from step 1 hor on top of the 2x1 bottom side. Put a 2x1 shelf piece hor on top, the smooth wall to the front.

Mount a 2x2/2x1 hor on top, the 2x2 side buttons to the front and to the bottom. Mount a F 4x2 upright, ver, to the front of your part.

Mount a FS 4x2 on top of the PP. (These two pieces are divided on the smooth side into a black and orange triangle, one left and one right. Ask a sighted person to help with installation).

Repeat steps 1-4 to make two such parts.

Install one on the front edge, skipping three columns from the left, the shelf to the back.

Repeat symm at the back.

Bag 18.

Make a part. Stack two 1x1 with handles, the handles on the same side. Put a FS 1x1 on top.

Repeat to make two.

Install one on the front edge, skipping two columns from the left, the handles to the front.

Repeat symm at the back.

Put a F 12x1 hor on the front edge, skipping five columns from the left.

Put a F 3x1 hor to the right.

Put a F 8x1 hor to the right.

Repeat steps 5-7 symm at the back. Lay aside.

Bag 19. Make the cabin (the front of the train, at the left).

Number 1.

Put a 2x1/2x1 step piece with two side buttons ver on the table, the side buttons to the left.

Put the other such piece the same way to the back.

Connect by putting a F 10x2 hor on the lower steps, in the middle, overhanging to the right.

Number 2.

Put a 6x2 step piece with four side buttons hor underneath the front row of the 10x2 piece, the side buttons to the front, to the right of the 2x1/2x1 piece.

Repeat symm at the back.

Number 3.

Put a 2x1 ribbed slide piece hor on the front edge, skipping the leftmost button, the slide to the right.

Repeat symm at the back.

Put a FS 4x2 hor in between the two PPs and to the right.

Put a FS 2x1 ver to the right.

Put a f2x1 with a vertical clasp hor to the right of the front row of the PP, the clasp to the right.

Repeat symm to the back.

Number 4.

Put a seat piece ver to the right, the back of the seat to the right.

Skip one column to the left and put a F 2x1 ver there, to the left of the clasps.

Put a 2x1 with vertical clasp ver in the middle of the left edge clasp to the right, LMA.

Number 5. Make the tip of the train part.

Put a 2x2 slide hor on the table, the slide to the front.

Put a 4x1 receiver piece hor on top and to the sides.

Make two stacks of two F 1x1 pieces and put underneath the sides of the PP.

Affix a sticker (a black strip) on top of the receiver piece.

Install sideways, ver, the receiver and slide to the left, on the left edge of your main part, on the four side buttons there. LMA.

Number 6.

Make a part. Put a 1x1 with a side button on the table, the side button to the left. Mount a 1x1 wedge from a sep bag (transparent) on the side button, the slide to the top.

Repeat to make two.

Put one, as is, on the front edge, skipping one column from the left (not counting the receiver).

Repeat symm at the back.

Skip two columns to the right and put a 2x1 with the side buttons hor there, the side buttons to the front.

Repeat at the front (the side buttons to the front).

Skip one column to the right and put a 1x1 wedge on the second row from the front, the slide to the right.

Put a 1x1 wedge to the back, the slide to the right. LMA.

Number 7.

Make a part. Put a F 4x1 hor on the table. Put a FS 4x2 hor on top and overhanging to the front.

Put a F 2x1 with a handle hor underneath the overhanging end, in the middle, the handle to the front. Affix a sticker (with the

gauges and levers) on top. Install diagonally, hor, the sticker to the right, to the left of the seat, inserting the handle into the two clasps there. Lay aside.

Number 8. Make a part.

Put a F 6x2 hor on the table. Put a F 2x1 ver on top, on the right edge.

Put a F 4x2 hor to the left.

Put a F three-button corner piece on the table, to the left of your part, letter j.

Connect it by putting another such piece, letter j, on top of the dot five and on top of the left edge of your main part.

Put a S 4x1 curve hor, slide to the left, on the front edge, on the two leftmost columns and to the left.

Put a S 4x1 curve from a sep bag hor to the back and to the right.

Install upright, hor, the curves to the front at the left, on the front edge of your main part. LMA.

Number 9. Make a part.

Put a F 6x2 hor on the table. Put a F 2x1 ver on the right edge.

Put a F 4x2 hor to the left.

Put a F three-button corner piece on the table, to the left of your part, letter D (1-4-5).

Connect it by putting another such piece, letter D, on top of the dot four and on top of the left edge of your main part.

Put a S 4x1 curve from a sep bag hor, slide to the left, on the front edge, on the two leftmost columns and to the left.

Put a S 4x1 curve hor to the back and to the left.

Install symm at the back. Put a fs4x1 hor on the front upright to the right of the upper s curve. Put a fs6x1 hor below it, then put a fs1x1 on the upper-right corner. Repeat symm at the back. LMA.

Number 10. Make a part.

Put an 8x6 end piece hor on the table, the slide to the left.

Put another such piece the same way on the top, skipping two leftmost columns.

Put a 1x1 underneath the protruding front edge, on the second

column from the right.

Repeat symm at the back.

Install as is on top of your main part, skipping the leftmost column and overhanging one column to the right.

Number 11.

Flip your part upside down. Put a 4x1 with side railings hor, upside down, the railings to the front, on the third row from the front, on the 5th-9th columns from the left (not counting the receiver).

Put another such piece hor to the back, symm.

Number 12.

Flip right side up. Affix two stickers with the number 14 on them to the front and to the back, in the middle level, at the right end.

Install as is to the left end of your structure, on the two leftmost columns and overhanging to the left. The insert picture shows the finger pressing on the seat.

Bag 20.

Put a 3x1 hor on the right end of the front wall.

Skip two columns to the left and put a 4x1 hor there.

Put a F 6x1 hor to the left.

Repeat.

Repeat steps 1-4 symm at the back.

Bag 21.

Put a F 4x2 ver in the middle of the right edge and to the right.

Put a FS 4x1 ver on top, on the right column.

Skip ten columns from the right edge and put a F 4x1 hor on the front wall.

Repeat symm at the back.

Put a F 6x1 hor to the left.

Repeat symm at the front.

Put a F 1x1 to the left.

Repeat symm at the back.

Put a F 6x1 ver to the left of the two PPs.

Bag 22.

Put a F 4x1 ver on top of the PP, in the middle.

Put a FS 6x1 hor to the front and to the right.

Put a FS 6x1 hor to the right.

Repeat steps 2-3 symm at the back. LMA.

Bag 23.

Make a part. Put a F 2x2 on the table. Put a F 6x1 hor on top, at the back, overhanging to the sides. Put two F 2x1 hor under the overhanging sides. Put a fs 6x1 hor on top, at the back. Put a FS 2x1 hor at the front.

Repeat to make two.

Install one, as is, on the back wall, to the left of the leftmost smooth piece.

Install the other symm at the front.

Put a 1x1 with a side button to the left, side button to the back.

Repeat symm at the back.

Put a curved window piece ver to the left of the two PPs, the corners to the right. Lay aside.

Bag 24. Make an underneath railing part.

Number 1.

Put a 2x1/2x1 step piece with side buttons hor on the table, side buttons to the front.

Put another such piece symm to the back.

Connect by putting a F 2x2 in the middle.

Number 2.

Put two 4x1 with side holes ver on top, side by side.

Mount a grate on the front and on the back side buttons, upright, hor.

Number 3.

Insert a connector from the right into the front hole.

Insert a connector from the right into the back hole.

Repeat steps 1-2 symm at the left. LMA.

Number 4.

Make a part. Put a F 2x2 with the underneath hole hor on the table. Stack two F three-button corner pieces and put on top, letter D (1-4-5). Put a FS 2x1 hor at the back row.

Make the other one look like the braille letter f. Install D at the back right and F at the back left. Make two more of these parts, one like the braille letter H, and one like the braille letter J. Put J in front of D and h in front of F.

Number 5.

Put a FS 6x1 hor on the free buttons of your h and j.

Put a FS 6x1 hor to the back.

Number 6.

Swing the two front rows to the front and the two back rows to the back.

Put a F 4x2 ver in the middle.

Flip your structure upside down and install this part upside down, hor, in the middle, over the two holes, bend the sides so that they are diagonal, sloping forward and back, respectively. Lay aside.

Bag 25. Make one set of the wheeled platform.

Number 1.

Put a 6x3 seesaw piece ver on the table.

Put a F 8x2 hor in the middle, overhanging to the left.

Number 2.

Put another seesaw piece ver underneath the two leftmost columns of the PP and to the left.

Put a F 2x1 ver on the left of the seesaw, to the left of the F 8x2.

Number 3.

Make a step by stacking two F 3x2 with the top one on the back row of the bottom one. Install as is between the two-front seesaw ends.

Repeat symm at the back.

Put a F 2x1 ver to the left of the two PPs, in the middle.

Put the magnet piece ver, the plates to the right, at the right end, on the two rightmost columns and to the right.

Number 4.

Flip upside down, back to front.

Put a F 4x1 ver, on the 4th column from the left, in the middle.

Put a 2x1 ver to the right, in the middle.

Put two minifigure heads to the back and to the front of the PP, at the back and front edges.

Put a F 4x1 ver to the right, symm to the other such piece at the left.

Number 5.

Put a F 6x1 ver in the middle.

Put a 4x2 ver to the left, in the middle.

Repeat symm at the right.

Put two wheels on the metal stick, rims to the center.

Repeat to make two.

Install ver to the sides of the two 4x2 pieces.

Number 6.

Flip the right side up.

Put a FS 6x4 with an attached connector hor in the middle.

Flip upside down again, the plates to the right.

Flip your structure upside down and install your part at the right end, inserting the attached connector into the fifth hole from the right, in the third row.

Bag 26. Make the other set of the wheeled platform.

Number 1.

Put a 10x1 piece with side holes hor on the table.

Insert a back connector of a 2x2 with two attached connectors from the front into the 4th hole from the left.

Insert the other such piece to the right.

Number 2.

Put a 10x1 piece with side holes hor to the front, symm to the other such piece at the back.

Number 3.

Put a F 4x2 ver on the left edge.

Repeat symm at the right.

Put a 4x2 ver to the left.

Repeat symm at the left.

Put a ridged 2x1 hor at the front edge, in the middle, the hor ridges to the front.

Repeat symm at the back.

Number 4.

Insert a #6 ribbed stick into the second hole from the left, overhanging to the front and to the back.

Repeat symm at the right.

Put two front wheels on, the rubberized rims to the to the front.

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Repeat symm at the back.

Number 5.

Put four F 2x1 hor on the four corners.

Number 6.

Put a 10-button long chain piece hor, the two FS 2x1 ends to the back, the 1x1 cylinder with a hat to the bottom, on the front edge and overhanging to the front, the two FS 2x1 ends on the left and right corners.

Repeat symm at the back.

Number 7.

Put a FS 6x4 with an attached connector hor on top, in the middle.

Flip upside down and install at the left side of your structure, inserting the attached connector into the 5th hole from the left, in the third row. Lay aside.

Bag 27. Make an underside tip part.

Number 1-2.

Put a F 3x1 hor on the table. Put a F 2x1 with a cornice hor on top, on the right end, the cornice to the front.

Put a F 1x1 to the left.

Put a F 3x1 hor on top and to the right.

Put a Fs 4x1 hor on top of the two left columns, overhanging to the left.

Put an 8x6 end piece hor on the table, the slide to the left, and install your part as is on the second row from the back, putting the overhanging left end on the two buttons there. LMA.

Number 3.

Put a F 3x1 hor on the table. Put a F 2x1 with a cornice hor on top, on the right end. The cornice to the back.

Put a F 1x1 to the left. Put a F 3x1 hor on top and to the right.

Put a FS 4x1 hor on top of the two left columns, overhanging to the left.

Install as is on the second row from the front, symm to the similar piece at the back.

Number 4.

Put a 2x1 slide hor on the right end of the front edge, the slide to the right.

Repeat symm at the back.

Put a 4x1 ver between the two PPs, on the second column from the right.

Put a 2x1 slide hor on the front edge, to the left of the 2x1 slide already there, slide to the left.

Repeat symm at the back.

Put a FS 4x1 hor to the front and to the left.

Repeat symm at the front.

Put a FS 2x1 ver between the leftmost columns of the two PPs.

Put a grate ver to the right.

Install this part as is on the left end of your structure (still upside down), inserting the cornices from the left into the

railings at the top of your structure. LMA.

Bag 28. Bags 28-29 finish the underside tip.

Make a part.

Number 1.

Put a F 4x2 (gray) ver on the table.

Put a F 4x2 (white) hor on top, in the middle, overhanging to the sides.

Number 2.

Put a F 2x2 trapezoid ver to the left of the vertical 4x2, its right column buttons underneath the left overhanging end of the horizontal 4x2.

Number 3.

Put a curved 4x4 with two buttons ver on top, starting at the left, the buttons at the right.

Put a F 2x1 ver on the right overhanging column.

Number 4.

Put two F 2x1 hor on top, one at the front and one at the back.

Flip upside down, front to back, and install at the left end of your structure.

Bag 29.

Put a FS 6x1 ver on the 7th column from the left (on the two 2x1 slide pieces).

Put a FS 6x1 ver to the right (on the other two slide pieces). Lay aside.

Bag 30. Make an engine part.

Number 1.

Put a Fs 2x2 on the table, button side up.

Put a F 4x2 hor on top, overhanging to the sides.

Number 2.

Put two F disks on top, side by side. LMA.

Number 3. Make two identical parts.

Put a F 4x2 from a sep bag hor on the table.

Put a 4x1 with side buttons hor on top, at the front, side buttons to the front.

Put a 4x1 with side buttons hor to the back, side buttons to the back.

Mount a grate upright, hor, on the two left side buttons.

Mount a grate the same way to the right.

Mount two grates symm at the back.

Put a F 2x1 with a handle hor on the left end of the front row, the handle to the front.

Put another such piece the same way to the right.

Put two more such pieces symm at the back.

Put a 2x2/2x2 corner piece on the left end, the holed side upright and downward at the left and the button side on top of the four left buttons of your part.

Put another such part symm at the right.

Put a FS 4x2 hor on top of your part.

Repeat steps 1-6 to make two.

Install one ver, the handles to the front and to the back at the left, on the left disk of your main part, fs4x2 to the left.

Install the other symm at the right.

Number 4.

Put a F 4x2 from a sep bag hor on top

Number 5.

Put two FS 2x2 on top, side by side.

Flip your structure right side up and install your part as is into the middle section, skipping two columns to the right from the 4x1 (rather, 6x1) vertical divider. Lay aside.

Bag 31. Make a top electrical hooks part.

Number 1. Put a F 6x2 ver on the table.

Number 2.

Put a F 2x2 on top, at the back.

Put two 2x1 with cross-hole ver to the front, side by side.

Put a F 2x2 to the front.

Number 3.

Put a F 2x1 hor on top, at the front.

Repeat symm at the back.

Put two 2x1 hammer pieces ver to the front, side by side, buttons to the front.

Put two more hammer pieces to the front, symm.

Number 4.

Put two grates hor in the middle, back to front.

Insert a ribbed stick into the side holes, overhanging equally to the sides. LMA.

Number 5. Make two identical parts.

Put a ski piece on its side, ver, the tips to the left at the front and at the back, on the table. Insert a screw from the left into the clasp.

Insert a ribbed stick into the screw. Put two nuts on the stick.

Put a nut with and attached stick on the stick. attach stick to the left and right. Put a F oblong 3x1 upright, ver, with its bottom hole from the left onto the left of the PP.

Take another nut with an attached stick and insert the same way into the top hole of the f3x1 oblong piece, stick overhanging to the right. Put a f3x1 oblong piece upright ver on the right attached sticks of the pps. Repeat steps 1-4 to make two.

Attach one as is from the right to your main part, inserting the ribbed stick of the main part (on the right) into the nut with the attached stick. Swing the ski piece down.

Install the other symm at the left.

Number 6.

Swing the sides all the way up to the middle. Install as is skipping three columns from the right (in the gaps in the front and back walls). Lay aside.

Bag 32. Make a part.

Number 1.

Put a F 4x2 hor on the table.

Put a 3x2 ver in the middle, overhanging to the back.

Number 2.

Put a 2x1 ver to the left, on the F 4x2.

Repeat symm at the right.

Put a F 2x1 hor on top of the 3x2, at the back.

Number 3.

Put a 4x2 hor on top of your part.

Put a F 2x2 disk on top, in the middle.

Number 4.

Put a 2x1 ver on the left edge.

Repeat symm at the right.

Mount a 2x2/2x1 corner piece from a sep bag hor in the middle of the front edge, the side 2x2 buttons to the front.

Put a F 2x1 hor to the back.

Number 5.

Put a FS 2x1 ver on the left edge.

Repeat symm at the right.

Put a 2x2 semi-cylinder ver in the middle.

Put a 2x2/2x1 corner piece hor with the 2x1 underneath the front edge, in the middle, and the 2x2 side upwards to the front.

Number 6.

Mount a FS 4x2 upright, ver on top of the eight side buttons at the front.

Install as is to the left of the electrical hooks part. LMA.

Bag 33. Make two identical parts.

Put a ridged 2x1 hor on the table. Put a 2x1 hammer ver on top of the right button, slide to the back. Put another hammer the same way to the left. Put a FS2x1 hor on top of both hammers.

Repeat to make two.

Install one as is on the right end of the back wall.

Install the other symm at the front.

Bag 34.

Put a 4x2 curved piece hor to the left.

Repeat.

Repeat steps 1-2 symm at the back. Lay aside.

Bag 35. Make a roof part.

Number 1.

Put a F 10x4 hor on the table.

Put a F 4x1 ver to the right.

Number 2.

Connect by putting a F 10x2 hor on top, in the middle, starting from the right.

Put a FS 4x1 ver on the left edge.

Put a F 2x1 hor on the front edge, on the third-fourth column from the right.

Repeat symm at the back.

Skip two column to the left and put a F 2x1 hor there.

Repeat symm at the front.

Number 3.

Flip upside down, back to front.

Put a 2x2 ridged cylinder at the left edge, in the middle.

Repeat symm at the right.

Flip right side up and LMA.

Number 4. Make six identical parts.

Put a 4x2/2x1 piece hor on the table, the 2x1 side to the back.

Put a 2x1 ladder piece ver on the right edge, slide to the back.

Put a 2x1 ladder piece ver to the left, as before.

Repeat twice.

Repeat steps 1-4 five times to make six such parts.

Mount one. As is on the right end of the front edge.

Mount the other as is to the left.

Repeat.

Mount three other such parts symm at the back. Take a f2x2 with wings and put it hor to the left of the fs2x1 wings to the right. Put a fs2x2 in the space between the wings. Put a fs4x1 ver to the right. Put as 4x4 with 4 buttons ver to the right, buttons to the right, put a fs4x1 to the right.

Install as is on top of your structure, the rightmost ladder pieces at the front and at the back to the left of the left 4x2 curved pieces at the front and at the back. Lay aside.

Bag 36. Make the left end of the roof.

Number 1.

Put a F 6x4 ver on the table.

Put a F 6x1 ver to the right.

Number 2.

Connect by putting a F 2x1 hor on the right end of the front edge. Repeat symm at the back.

Put a FS 4x1 hor to the left, overhanging to the left. Repeat symmat the back.

Put a F 3x1 hor on the second row from the front, starting at the right. Repeat symm at the back.

Number 3.

Put a F eight-button pizza piece to the right of the front three rows of the 6x4 piece, its right front button under the overhanging end of the FS 4x1, the curved corner to the left and to the front.

Repeat symm at the back.

Number 4,

Put a FS 4x4 with four buttons ver on top, skipping the left edge, in the middle, the buttons to the right.

Number 5.

Put a three-sided S piece ver to the right, the slide to the right.

Number 6.

Put a F 2x1 from a sep bag hor on the second row, at the right.

Repeat symm at the back.

Number 7.

Put a FS 4x2 ver on tops of the two PPs.

Install this part as is on the roof, to the left of the ladder part.

Book 2.

Bag 1.

Put a 28x6 with two holes hor on the table.

Put a FS 3x1 hor on the right end of the front edge.

Repeat symm at the back.

Bag 2.

Go to the back edge and put a 4x1 hor to the left.

Put a 6x1 hor to the left.

Put a ridged 2x1 hor to the left, vertical ridges to the front.

Put a 1x1 to the left.

Put a 6x1 hor to the left.

Repeat.

Put a F 4x4 on the right edge, in the middle, on the three rightmost columns, overhanging to the right.

Bag 3.

Put a 1x1 with a handle on top, in the right front corner of the PP, the handle to the front.

Put a 1x1 to the left.

Repeat steps 1-2 symm at the back.

Put a FS 2x1 ver on the 7th column from the left, on the second and third rows from the back.

Put a F 1x1 to the front.

Put a F 3x1 ver to the right and to the back.

Skip two columns to the right and put a F 12x2 hor on the second

and third rows from the back.

Put a F 2x2 disk to the right.

Bag 4.

Put a 1x1/1x1 corner piece on top of the F 12x2, on its third column from the right, on its front row, the hole side to the bottom and the button side to the front and to the top. LMA.

Make a part. Stack two F 1x1 pieces. Put them underneath the 2x1 hammer piece. Put a FS 1x1 on top. Put this piece sideways on the table, the curve on the left to the front. Put a 2x1/2x1 corner piece ver, the side buttons to the left, to the right of your part, and connect them.

Install as is on the 6th-8th columns from the left, on the second and third rows from the back. LMA.

Bag 5.

Make a part. Put a 2x1/2x1 corner piece ver on the table, the side buttons to the right. Mount a bench piece ver on the side buttons, the smooth wall to the right and to the top. Install as is on top of the previous part and overhanging to the right.

Put a FS 2x1 ver on the 13th column from the left, on the second and third rows from the back.

Skip two columns to the right and put a FS 2x1 ver there.

Skip two columns to the right and put a bench ver there, the seat to the left.

Skip three columns to the right and put a bench ver there, the seat to the left.

Put a ridged 2x1 ver to the right, the vertical ridges to the left.

Bag 6.

Put a F 4x2 ver on the left edge, in the middle, overhanging to the left.

Put a bench hor to the right, on the second row from the back, the seat to the back.

Put a 3x1 lip ver to the right and to the front, the lip to the front.

Put a 2x1/2x1 corner piece hor on the 7th and 8th columns from the left, on the third row from the front, the side buttons to the front.

Put a FS 2x1 hor on top.

Bag 7.

Put a 2x1 hor on the back row of the F 4x2 on the left edge.

Repeat symm at the front.

Put a 6x1 hor on the left end of the front edge.

Put a 6x1 hor to the right.

Put a 1x1 to the right.

Put a ridged 2x1 hor to the right, the horizontal ridge to the front.

Put a 6x1 hor to the right.

Put a 4x1 hor to the right.

Bag 8.

Put a F 3x1 hor on the left end of the back wall.

Put a F 4x1 ver to the right and to the front.

Put a F 3x1 hor to the right, on the back wall.

Put a F three-button corner piece to the right and to the front, letter F.

Put a F 8x1 hor to the right, on the back wall.

Put a F 8x1 to the right.

Bag 9.

Put a F 2x1 hor on the left end of the front wall.

Put a 2x1/2x1 corner piece hor to the right, the side buttons to the back.

Put a F 4x1 hor to the right.

Put a 2x1/2x1 corner piece hor to the right, as before.

Put a F 8x1 hor to the right.

Put a 2x1/2x1 corner piece hor to the right, as before.

Put a F 2x1 hor to the right.

Put a F 3x1 hor to the right.

Bag 10.

Put a three-button corner piece on the back end of the left edge and to the left, letter J (2-4-5).

Put a FS 4x1 hor to the right, on the back wall.

Put a FS 2x1 hor to the right.

Put a F 2x1 hor to the right.

Put a FS 4x1 hor to the right.

Put a F 2x1 hor to the right.

Put a FS 8x1 hor to the right.

Put a F 3x1 ver to the right and to the front.

Put a F 1x1 to the right, on the back wall.

Bag 11.

Put a FS 2x1 ver to the left and to the front, touching corners.

Skip one column to the left and put a seat ver there, the seat to the right.

Skip two columns to the left and put a seat there, the seat to the right.

Skip four columns to the left and put a seat there, the seat to the left.

Put a tall 2x1 hor on the right edge, on the second row from the front, and to the right.

Repeat symm at the back.

Bag 12.

Put a three-button corner piece on the front end of the left edge and to the left, letter D (1-4-5).

Put a FS 8x1 hor to the right, on the front wall.

Put a FS 4x1 hor to the right.

Put a F 2x1 hor to the right.

Put a FS 8x1 hor to the right.

Put a F 2x1 hor to the right. LMA.

Make a part. Put a F 2x2 disk on the table.

Put a 2x2/2x1 corner piece ver on the right column, the side buttons to the right.

Repeat symm at the left.

Put a bench piece hor on the front row, the seat to the front.

Put a bench hor to the back, the seat to the front.

Mount two FS 2x2 on the sides.

Rotate back to front and install between the two left seats. LMA.

Bag 13. Make a part.

Put a 1x1 on the table. Put a 1x1 with two side buttons on top, the side buttons to the front and to the back.

Put a ridged 2x1 hor on top, overhanging to the left.

Put a camcorder piece ver underneath the overhanging end, the ring to the bottom and the side with no buttons to the right.

Mount a FS 2x2 (with a computer screen on it) to the front, on the two bottom levels.

Put a F 2x1 hor on top of your part.

Mount a FS 2x2 symm at the back.

Mount a FS 3x1 ver on the left edge.

Rotate ver, the left edge to the front, and install on the 7th column from the left, on the second and third rows from the back.

Bag 14.

Put a 1x1 with a handle on the right tip of the right edge, on the second row from the front, on the right-most button of the tall 2x1, the handle to the front.

Put a 1x1 to the left.

Repeat steps 1-2 symm at the back.

Put a tall 2x1 hor on the left edge and to the left, on the second two rows from the front.

Repeat symm at the back. LMA.

Make a part. Stack three 1x1 pieces. Put a 2x1 shelf piece to the right, the shelf to the front. Connect by putting a F 3x1 hor on top. Rotate ver, the shelf to the right at the back, and install on the 4th column from the left, on the second-fourth rows from the back.

Bag 15.

Put a F 4x2 ver on the left edge and to the left in the middle.

Repeat symm at the right. LMA.

Make a part. Put a F 4x1 hor on the table. Put a 4x1 shelf piece hor on top, the shelf to the back.

Put a F 1x1 on top, at the left. Put a FS 3x1 hor to the right.

Install as is on the third row from the back, on the 5th-9th columns from the left (to the right of the vertical shelf part already there, it should not be attached at the bottom, it should be free-standing).

Bag 16.

Put a FS 3x1 ver on top of the right end of the previous part and to the back to secure it.

Put a FS 4x1 ver on the left tip of the left edge.

Put a FS 4x1 ver to the right.

Put a FS 4x1 ver on the right tip off the right edge.

Put a F 4x1 from a sep bag ver to the left. Put a fs3x1 ver on left part of the shelf and to the back. Lay aside.

Bag 17. Make the front windows part.

Number 1-2

Insert the windowpanes into the frames.

Put a frame ver on the table, the pane to the right.

Put a F 2x1 ver on top.

Put a frame on top, as before.

Number 3

Put a FS 1x1 on top, at the front.

Put a F 1x1 to the back. LMA.

Number 4. Make a part.

Put a F 2x1 hor on the table. Put a F 1x1 on top, at the right.

Put a 1x1 with a side button on top, the side button to the left.

Put a FS 1x1 to the left.

Mount a FS 1x1 on the side button of another 1x1 piece with a side button, turn it on its side, the FS to the bottom and the

button to the left, and put on top of the left end, mounting to the side button at the right.

Repeat steps 1-3 to make two such parts.

Put your main part on its side, the panes to the front, the button to the left on the top level, and attach one of your parts, as is, to the right edge.

Attach the other part as is to the left edge.

Number 5.

Put a F 2x1 on top of a frame.

Repeat.

Attach both to the left, as before. LMA.

Number 6. Make a part.

Put a frame hor on the table.

Put a FS 1x1 on top, at the right. Put a F 1x1 to the left.

Put a 1x1 with a side button on top, on its side, the side button to the top, the cornice at the right, to the top. Put a FS 1x1 on top.

Put it on its side, hor, the pane to the front, the side button to the top, at the left.

Attach as is to the left.

Install this part onto your structure, as is, at the front, starting at the left. Lay aside.

Bag 18. Make the back wall.

Number 1.

Insert the windowpanes into the frames.

Put a F 2x1 hor on the table.

Put a F 1x1 on top, at the left.

Number 2.

Put a 1x1 with the side button on top, the side button to the right.

Put a FS 1x1 to the right.

Number 3.

Mount a FS 1x1 on the side button of another 1x1 with the side button piece.

Put this part on its side, the top button to the right and the cornice to the bottom at the left, and put to the right of the PP, mounting to the side button at the left. LMA.

Number 4.

Make a part. Put a frame hor on the table. Put a FS on top, at the left. Put a F 1x1 to the right.

Repeat to make two.

Install one by putting it on its back, the pane to the front, the button at the right and attach to your main part from the right.

Put the other part the same way and attach from the left.

Number 5.

Put a F 2x1 on top of another frame.

Put it on its side the same way (the pane to the front, the buttons at the right) and attach from the left. LMA.

Number 6. Make two identical parts.

Put a F 2x1 hor on the table. Put a F 1x1 on top, at the left.

Put a 1x1 with one side button on top, the side button to the right. Put a FS 1x1 to the right.

Mount a FS 1x1 on the side button of another 1x1 piece with the side button, put it on its side, the FS piece to the bottom and the cornice to the bottom at the left, and put on top of a PP, mounting to the side button at the left.

Repeat steps 1-3 to make two.

Attach one, as is, from the right.

Attach the other, as is, from the left. LMA.

Number 7. Make a part.

Stack two F 2x1 and put on top of a 2x1. Put this part hor on the table.

Put a FS 1x1 on top, at the left. Put a F 1x1 to the right.

Put this part on top of a frame with its pane to the back.

Put a 1x1 with the side button on top, at the right, on its side, the side button to the top and the cornice to the top at the left. Put a FS 1x1 on top.

Install this part on your main part by putting it on its side, the pane to the front and the side button to the top at the right on the top level, and attaching it to the main part from the right.

Rotate your structure back to front and install your part, as is, on the front edge, starting at the right. Lay aside.

Bag 19. Make the left end of the roof.

Number 1.

Put a F 6x6 on the table.

Put a F 2x2 disk on the right edge, at the middle.

Number 2.

Put a FS 2x1 ver to the front, at the right edge.

Put a F 4x1 hor to the left.

Repeat steps 1-2 symm at the back.

Put a F 6x1 ver at the left edge.

Number 3.

Put a S 6x4 three-slides piece ver on the right, the longer slide to the right.

Put a 2x1 shoe piece ver on the front end of the left edge, the toe to the front.

Put another shoe piece to the right, as before.

Repeat steps 2-3 symm at the back.

Number 4.

Put a F 4x2 hor on the second row from the front, starting at the left.

Repeat symm at the back.

Put a 1x1 cylinder to the front, on the left edge.

Put another 1x1 cylinder to the front.

Number 5.

Put a S curved 4x4 with two buttons ver on top, starting at the left, in the middle, the side buttons at the left.

Number 6.

Flip your part upside down, back to front.

Put a 2x2 lip upside down? Hor, the lip to the back, at the right front corner.

Repeat symm at the back.

Put a 1x1 to the left, at the back edge.

Repeat symm at the front.

Number 7.

Stack two F 3x1 pieces, the bottom one from the same bag and the top one from a sep bag.

Repeat to make two.

Put one hor, upside down, on the right end of the front edge.

Repeat symm at the back.

Number 8.

Flip the right side up, back to front.

Install as is on the left end of your structure, skipping the leftmost column. Lay aside.

Bag 20. Make a diagonal left front wall-end.

Number 1.

Stack two F 3x1 pieces and put hor on the table.

Number 2.

Put a F 2x1 with a cornice hor on the right, the cornice to the front.

Put a F 1x1 with a clasp hor to the left, the clasp overhanging to the left.

Number 3.

Stack two 1x1 and put on top of the PP.

Insert a windowpane into the frame and put hor to the right, the pane to the front.

Number 4.

Put a F 2x1 from a sep bag hor on top of the PP.

Put a F 1x1 with a clasp hor to the left, as before.

Number 5.

Put a F 3x1 hor on top of your part.

Put a F 2x1 hor on top, at the right.

Put a F 1x1 to the left.

Number 6.

Put a F 1x1 on top, at the right.

Put a F 2x1 hor to the left.

Number 7.

Put a FS 3x1 hor on top of your part.

Install as is at the left front corner, the clasps on the handles. Lay aside.

Bag 21. Make a symmetrical part for the back.

Number 1.

Stack two F 3x1 and put hor on the table.

Number 2.

Put a F 1x1 with a clasp hor on top, at the right, the clasp overhanging to the right.

Put a F 2x1 with a cornice hor to the left, the cornice to the front.

Number 3.

Insert a windowpane into the frame and put hor on top of the PP, the pane to the front.

Stack two 1x1 and put to the right.

Number 4.

Put a F 1x1 with a clasp on top, as before.

Put a F 2x1 from a sep bag hor to the left.

Number 5.

Put a F 3x1 hor on top of your part.

Put a F 2x1 hor on top, at the left.

Put a F 1x1 to the right.

Number 6.

Put a F 2x1 hor on top, at the right.

Put a F 1x1 to the left.

Number 7.

Put a FS 3x1 hor on top of your part.

Install at the back, symm to the one at the front. Lay aside.

Bag 22.

Make a part. Put a F 8x1 hor on the table. Put a F 6x1 hor to the right. Put a F 8x1 hor to the right. Put a F 3x1 hor on top, at the left. Put a F 8x1 from a sep bag hor to the right. Repeat. Put a F 3x1 hor to the right.

Repeat step 1 to make two.

Put one hor at the front edge, starting at the right, and the other symm at the back.

Bag 23.

Rotate your structure back to front.

Put a 2x1 hor at the left end of the front edge.

Put a 6x1 hor to the right.

Repeat twice.

Put a 2x2 lip hor to the right, the lip overhanging to the back.

Repeat steps 1-5 symm at the back. Lay aside.

Bag 24. Make the railing part.

Number 1.

Put a F 4x1 ver on the table.

Put a 4x1 with side holes ver on top.

Number 2.

Insert a long connector from the right, long end first, into the front hole.

Repeat symm at the back.

Put a 1x1 button on top, on the front button.

Repeat symm at the back. LMA.

Number 3. Make a part.

Put a F 3x2 hor on the table.

Put a F 2x2 trapeze hor on top, the longest side at the front, slightly to the right, the left front corner of the trapeze right on top of the left front corner of the F 3x2, and the right front corner of the trapeze overhanging to the right.

Put a FS 2x1 ver on the right column of the trapeze.

Put a F 2x2 with an underneath tube hor underneath your part, at the left, the tube at the left.

Lift this part by its front edge, so that it is upright, hor, the tube at the front at the left, and put this tube from the right over the back connector of your part. LMA.

Number 4.

Make the symmetrical part for the front.

Put a F 3x2 hor on the table.

Put a F 2x2 trapeze hor on top, the longest side to the back, the left back corner of the trapeze on top of the left back corner of the F 3x2, and the back right corner of the trapeze overhanging to the right.

Put a FS 2x1 ver on the right column of the trapeze.

Put a F 2x2 with an underneath tube underneath the left your part, at the left, the left at the left.

Lift this part by its back edge, so that it is upright, the tube at the back at the left, and put this tube over the front connector, from the right, symm to the other such part at the back. LMA.

Number 5. Make a part.

Put a F 8x1 hor on the table. Put a F 3x1 hor on top, at the right.

Put a F 6x2 hor to the left and to the front, overhanging to the front and at the left.

Put a FS 4x2 hor at the right, skipping the rightmost button, the right front-end overhanging to the front.

Put a grate hor to the left, at the back.

Put a grate hor to the front.

Put a FS 3x1 hor to the left, overhanging to the left.

Put a FS 3x1 hor to the back, overhanging to the left.

Flip this part upside down, back to front.

Put a F three-button corner piece upside down, letter F, at the left, skipping the leftmost column.

Put a F 2x2 with an underneath tube hor on top, the tube at the left.

Put another such piece symm at the right end.

Lift this part by its back edge so that it is upright, hor, the tubes at the front, and connect to your main part by putting its right tube from the left over the back connector of your main part. LMA.

Number 6. Make a symmetrical front part.

Put a F 8x1 hor on the table. Put a F 3x1 hor on top, at the right.

Put a F 6x2 hor to the left and to the back, overhanging at the back and at the left.

Put a FS 4x2 hor on top, at the right, skipping the rightmost button, the right back corner overhanging at the back.

Put a grate hor to the right, at the back.

Put a grate hor to the front.

Put a FS 3x1 hor to the left, overhanging to the left.

Put a FS 3x1 hor to the front, overhanging to the left.

Flip this part upside down, back to front.

Put a F three-button corner piece upside down, letter H, on the left end, skipping the leftmost column.

Put a F 2x2 with an underneath tube hor on top, upside down, the tube to the left.

Put another such part symm at the right end.

Lift this part by its front edge, so that it is upright, hor, the tubes to the back, and connect by putting the right tube from the left over the front connector, symm to the other such part at the back. LMA.

Number 7. Make a part.

Put a F 2x1 hor on the table. Put a 4x1 with side holes hor on

top, overhanging to the sides.

Put a 1x1 button underneath, at the left. Repeat symm at the right. Put a 1x1 button on top, at the left. Repeat symm at the right.

Insert a connector from the front into the leftmost hole. Repeat symm at the right.

Rotate this part ver, the connectors to the right, and insert the connectors from the left into the tubes of your main part.

Number 8.

Mount a FS 4x2 upright, hor, at the front right end, to the right of the other fS 4x2 already there.

Repeat symm at the back.

Number 9.

Put a F 12x2 hor on top of your part, starting at the left, in the middle.

Put a FS 2x2 on top, at the right end.

Skip two columns to the left and put a FS 2x2 there.

Number 10.

Flip this part upside down, front to back. Pull the bottoms of the front and back edge outwards.

Flip your structure upside down, back to front, and install your part, as is, on top, skipping five columns from the left edge of the top base. Lay aside.

Bag 25. Make the wheels part.

Number 1.

Put a 6x3 saddle piece hor on the table.

Put another such piece hor to the back.

Connect by putting a F 6x2 ver in the middle.

Number 2.

Put a F 2x1 hor on top, on the front edge.

Skip three rows to the back and put a magnet piece there, the washer board piece curve to the front and the magnets to the back.

Number 3.

Connect two wheels with a stick, the rims to the center.

Repeat to make two.

Flip your part upside down, left to right, and install the two pairs of wheels hor there.

Number 4.

Flip this part right side up, left to right, and put a FS 6x4 with a tube ver on top.

Number 5.

Flip this part upside down, left to right, and install on top (of the overturned) structure, hor, the magnets to the right, at the right end, inserting the tube into the hole of the 4th column from the left, in the middle. Lay aside.

Bag 26. Make the other pair of wheels.

Number 1.

Put a F 6x2 ver on the table.

Put a 2x1/2x1 corner piece ver underneath the right edge, under the second and third rows from the front, the side buttons to the top at the right.

Repeat to the back.

Repeat steps 2-3 symm at the left.

Number 2.

Put a 6x3 saddle piece hor on top of the front edge, overhanging to the front.

Repeat symm at the back.

Put a F 2x2 disk in the middle.

Number 3.

Put a F 6x2 ver on top, in the middle.

Number 4.

Stack two washer boards.

Repeat to make two.

Put one stack ver on the two front rows, in the middle, the curve overhanging to the front.

Repeat symm at the back.

Put a 4x1/2x1 corner piece ver at the right edge, in the middle, the 4x1 side buttons to the right to the bottom.

Repeat symm at the left.

Number 5.

Mount a 2x1 half-cylinder ver at the middle of the right side, the side buttons on top and on the bottom.

Repeat symm at the left.

Put a F 2x1 with one button on top of a F 2x1.

Repeat three times to make four.

Mount on ver, the button to the right, to the front of the right half-cylinder.

Mount another the same way to the back.

Repeat steps 5-6 symm at the left.

Number 6.

Put a grate on top of a F 2x1 trapeze with two attached half-connectors.

Repeat to make two.

Mount one upright, ver, the grate at the bottom to the right, on the right side of your part, on the bottom button of the right half-cylinder.

Repeat symm at the left.

Put a FS 4x2 hor on top of the front two rows.

Repeat symm at the back.

Number 7.

Connect two wheels with a stick, rims to the center.

Repeat to make two.

Flip your part upside down, left to front, and install the wheels hor there.

Number 8.

Insert a connector from the bottom into the holes in the washer board curve at the front.

Repeat at the back.

Rotate this part hor, the back to the right, and install on the left end (of the overturned) structure, inserting the right connector of the part into the hole in the 4th column from the left, in the middle. The left connector overhangs at the left.

Bag 27.

Flip your structure right side up, front to back.

Put one suitcase in the leftmost compartment in the back.

Put the second into the second compartment from the right.

Put two FS 2x2 newspapers upright, hor, in the third compartment, at the back. They are titled "The Lego News, and the headline reads, "The Best Lego Hero Ever!"

Put the third suitcase to the front. Lay aside.

Bag 28. Make the roof.

Number 1.

Put a F 10x6 hor on the table.

Put a S 4x2 curve hor, the slide to the back, on the two back rows, in the middle.

Number 2.

Put a S 4x2 curve hor, the slide to the back, to the right of the PP, overhanging to the right.

Repeat symm at the left.

Put a F 2x1 ver on the third column from the right, on the third-fourth rows from the front.

Put a F 2x1 with one button ver to the left.

Put a F 2x1 ver to the left.

Number 3.

Put a F 6x6 to the right of the F 10x6 base piece, its two leftmost buttons at the back underneath the S 4x2 curve.

Repeat symm at the left.

Number 4.

Put a F 2x1 with one button ver on the right edge, on the third-fourth rows from the front.

Put a F 2x1 ver to the left.

Skip two columns to the left and put a 4x1 ver there, on the second-fifth rows from the front.

Put a 1x1 wedge to the back, the slide to the back.

Put a S 4x2 curve hor, the slide to the back, at the back edge, to the left of the leftmost such piece already there.

Number 5.

Put a 1x1 wedge to the left, on the back edge, the slide to the back.

Put a F 4x1 ver to the front.

Put a S 4x2 curve hor, the slide to the back, to the left and to the back (on the left end of the back edge).

Put a F 2x1 with one button ver to the front, on the left edge.

Put a F 2x1 with one button ver to the right.

Repeat twice.

Number 6.

Put five S 4x2 curves and two 1x1 wedges on the front edge, symm to such pieces at the back.

Number 7.

Put a FS 3x1 with a top square hor in the middle, starting at the left edge, the clasp to the right.

Put a 1x1 clasp hor to the right (the paws at the front and at the back).

Put a FS 8x1 hor to the right and to the front.

Put a FS 8x1 hor to the back.

Put a FS 8x1 hor to the right.

Put a FS 8x1 hor to the front.

Put a 1x1 clasp to the right and to the back, as before.

Put two more FS 8x1 hor to the right, as before.

Put a 1x1 clasp to the right, as before.

Put four FS 1x1 pieces in the gaps at the right and at the back edge.

Number 8.

Put a long stick hor in the middle, starting from the right.

Insert the short end of a gun muzzle into the hole in the long nut with a clasp. Rotate hor, the clasp to the right and the gun handle to the bottom, and insert the clasp into the leftmost clasp on the roof, the gun muzzle diagonally to the left to the top, and the gun handle resting on the roof.

Install the roof as is on top of your structure, to the left of the right end of the roof already there.

On the back, there is an ad for Lego Set 10226, (Sopwith Camel.)

Book 3. The car.

Bag 1.

Put a 28x6 piece with two holes hor on the table.

Put a FS 3x1 hor on the right end of the front edge.

Repeat symm at the back.

Bag 2.

Put a F 4x4 in between two PPs, the rightmost column overhanging to the right.

Put a 4x1 hor on the back edge, to the left of the FS 3x1 already there.

Put a 1x1 to the left.

Put a F 2x2 to the front and to the right.

Put a F 2x2 disk to the right.

Bag 3.

Put a ribbed 2x1 ver on top at the right, , vertical ribs to the left.

Put a F 2x1 ver to the left. Put a fs2x1 on top ver.

Put a 3x1 half-arch ver, the top to the front, on the back edge, on the 9th column from the right.

Put another such piece to the left, as before.

Put a 3x1 hor to the left, at the back edge.

Put a ribbed 2x1 hor to the left? Vertical ribs to the front.

Put a 3x1 hor to the left.

Put a 1x1 with a handle on the right edge, on the second row from the front (on the overhanging column of the F 4x4), the handle to the front.

Put a 1x1 to the left.

Repeat steps 8-9 symm at the back.

Bag 4.

Put a three-button corner piece at the left corner of the back edge, letter D.

Put a 4x1 hor to the right, at the back edge.

Put a F 2x2 disk to the front of the two left buttons of the PP.

Put a F 2x2 disk to the right.

Put a three-button corner piece to the right and to the back, on the back edge, letter F.

Put a 3x1 half-arch ver to the right, the top to the front.

Repeat.

Bag 5.

Put a F 4x2 ver on the left edge, in the middle, left column overhanging to the left.

Put a two-button cut-off corner piece to the right, the cut-off end to the left and to the front, the back button to the front of the dot 5 of the letter D.

Skip two columns to the right and put another such piece symm there (the cut-off end to the right and to the front, the back button to the front of dot 2 of the letter F).

Skip three columns to the right and put a F 2x2 on the second-third rows from the back, its right front button overhanging the hole.

Put a F 2x1 with one button hor to the right, on the second row from the back.

Put a F 2x1 with one button hor to the right.

Put a FS 4x1 hor to the front of the two PPs.

Put a F 2x2 to the right and to the back.

Bag 6.

Put a 2x1 hor on the second row from the back at the left (on top

of the F 4x2).

Skip one button to the right and put a 1x1 (black) there.

Put a 2x1 hor on the second row from the front at the left (on top of the F 4x2).

Put a 1x1 (white) on the left end of the front edge.

Put a 6x1 hor to the right.

Repeat.

Put a ribbed 2x1 hor to the right, horizontal ribs to the front.

Put a 6x1 hor to the right.

Put a 4x1 hor to the right.

Bag 7.

Put a F 8x1 hor on the left end of the back edge.

Put a F 8x1 hor to the right.

Repeat.

Put a F 1x1 to the right.

Put a 2x1 vertical clasp hor, the clasp to the left, on the third row from the front, on the column from the front button of the right cut-off corner piece, the right end overhanging.

Skip two columns to the left and put a F 1x1 there (on the front button of the left cut-off corner piece).

Put a F 2x1 ver to the left and to the back, touching corners.

Skip four columns to the right and put a F 2x1 ver there.

Bag 8.

Put a F 3x1 (white) ver on top and to the front.

Skip four columns to the left and put a FS 1x1 there, on the third row from the front.

Put a F 2x1 hor on the left end of the front row.

Put a F 2x1/2x1 corner piece hor to the right, the side buttons to the back.

Put a F 4x1 hor to the right.

Put another F 2x1/2x1 corner piece hor to the right, as before.

Put a F 8x1 hor to the right.

Put another corner piece the same way to the right.

Put a F 2x1 hor to the right.

Put a F 3x1 hor to the right.

Bag 9.

Put a three-button corner piece on the left end of the back wall and on the overhanging column to the left, letter J.

Put a FS 4x1 hor to the right, on the back edge.

Put a FS 8x1 hor to the right.

Put a F 2x1 hor to the right.

Put a FS 8x1 hor to the right.

Put a F three-button corner piece to the right and to the front, letter F.

Put a F 1x1 to the front of the left column of the PP.

Bag 10.

Put a FS 2x1 ver on top of the PP and to the back.

Put a tall 2x1 hor on the second row from the back, on the right edge and overhanging column to the right.

Repeat symm at the front.

Put a seat piece hor, the seat to the left, on the 7th-8th columns from the right, on the second-third rows from the back.

Skip two columns to the left and put another seat there, seat to the right.

Skip four columns to the left and put another seat there, seat to the left.

Bag 11.

Put a three-button corner piece on the left end of the front edge and on the overhanging column to the left, letter D.

Put a FS 4x1 hor to the right, on the front edge.

Put a FS 8x1 hor to the right.

Put a F 2x1 hor to the right.

Put a FS 8x1 hor to the right.

Put a F 2x1 hor to the right.

Bag 12.

Make a part. Put a f 2x1 sled hor on the table, the handle to the right. Put a FS 3x1 hor on top, overhanging to the left. Install as is on the left side, in the middle, inserting the handle into the clasp there (6th column from the left).

Put a FS 1x1 to the right.

Put a 1x1 cylinder to the back.

Insert a precious stone piece into the cylinder.

Put a bottle piece to the back.

Put a 2x1 slide (with the cash register markings on it) hor on the second row from the back, the second-third columns from the left).

Bag 13.

Insert the drawers into the chest of drawers. Install hor, the drawers to the front, on the second-third rows from the back, between the two left seats.

Put one grate ver on top, at the left, and the other at the right column.

Put a tall 2x1 hor on the second row from the back, on the left edge and to the left.

Repeat symm at the front.

Put a 1x1 with a handle, the handle to the back, on the second row from the back to the right of the right edge.

Put a 1x1 to the left.

Repeat steps 6-7 symm at the front.

Bag 14.

Put a F 4x2 ver on top of the four PPs.

Put a F 4x2 ver symm at the left edge. LMA.

Make a coffee machine part. Put a F 2x1 ver on the table. Put a 1x1 cylinder on top, at the back.

Put a F 1x1 on top.

Put a cup to the front.

Put a F 2x1 from a sep bag ver on top and to the back.

Put a FS 2x1 ver on top.

Install as is on the chest of drawers, in the middle.

Bag 15.

Put a FS 4x1 ver to the right of the right edge, in the middle.

Put a F 2x1 ver to the left, at the back.

Put a F 2x1 ver to the front.

Put a FS 4x1 ver to the left of the left edge, in the middle.

Put a FS 4x1 ver to the right. Lay aside.

Bag 16. Make the front windows part.

Number 1-2. Insert the windowpanes into the window frames.

Put a 2x1 frame hor on the table, windows to the back.

Put a F 2x1 hor on top.

Put a 2x1 frame hor on top.

Number 3.

Put a FS 1x1 on top, at the right.

Put a F 1x1 to the left.

Rotate this part back to front, put hor on the table, the FS 1x1 and the F 1x1 to the left, and LMA.

Number 4. Make a part.

Put a F 2x1 hor on the table. Put a F 1x1 on top, at the right.

Put a 1x1 with a side button on top, the side button to the left.
Put a FS 1x1 to the left.

Mount a FS 1x1 on a side button of a 1x1 with a side button, put it on its side, the FS 1x1 to the bottom and the top button to the left, and install it on your part at the left, mounting it to the side button at the left side of the 1x1 piece with the side button already there.

Repeat steps 1-3 to make two such parts.

Install as is, one at the left and one at the right, to your main part. LMA.

Number 5. Make a part.

Put a 2x1 frame hor on the table, windows to the back.

Put a F 2x1 hor on top.

Repeat steps 1-2 to make two.

Rotate one back to front, put on its side, the F 2x1 to the left, on top and bottom and install to your main part from the left.

Repeat. LMA.

Number 6. Make a part.

Put a 2x1 frame hor on the table, window to the back.

Put a FS 1x1 on top, at the right. Put a F 1x1 to the left.

Put a 1x1 with a side button on top, on its side, the side button to the top and the toe on the right to the top. Put a FS 1x1 on top.

Rotate this part back to front, put on its side, the 1x1 with a side button to the left, on the top level, and install from the left to your main part.

Install this main part as in on the front edge of your structure, starting from the left (there will be a 1x1 gap on the right end of the front edge). Lay aside.

Bag 17. Make the back windows part.

Number 1-2.

Put a 2x1 frame hor on the table, windows to the back.

Put a F 2x1 hor on top.

Put a 2x1 frame hor on top.

Number 3.

Put a F 1x1 on top, at the right.

Put a FS 1x1 to the left.

Number 4.

Put a F 2x1 hor on the table. Put a F 1x1 on top, at the left.

Put a 1x1 with a side button on top, the side button to the right. Put a FS 1x1 to the right.

Mount a FS 1x1 on a side button of a 1x1 with a side button, put this part on its side, the FS 1x1 to the bottom and the toe to the left to the bottom, and install on the right end of your

part, mounting onto the side button at the left column, facing to the right.

Repeat steps 1-3 to make two.

Rotate your main part back to front, lay on its side, the top FS 1x1 and F 1x1 to the right. Install one of the small parts as is from the right. Install the other as is from the left.

Number 5.

Make a part. Put a F 2x1 on top of a 2x1 frame.

Repeat.

Lay one on its side, the window to the front, the top F 2x1 to the right, and install from the right.

Repeat. LMA.

Number 6.

Make a part. Put a 2x1 frame hor on the table, the window to the back. Put a FS 1x1 on top, at the left.

Put a F 1x1 to the right.

Put a 1x1 with a side button on top, on its side, the side button to the right and the toe to the left and to the top. Put a FS 1x1 on top.

Rotate this part back to front, lay on its side, the 1x1 with a side button to the right at the top level, and install from the right.

Rotate your structure back to front and install this part as is, starting from the right.

Bag 18. Make a part (the left end of the roof).

Number 1.

Put a F 6x4 hor on the table.

Put a F 2x1 hor on the front edge, in the middle.

Number 2.

Put a F 2x1 with one button hor to the back.

Repeat twice.

Number 3.

Put a FS 2x1 hor on the front edge, in the middle.

Put a FS 4x2 curve ver at the two left columns, the slide to the left.

Repeat symm at the right. LMA.

Number 4.

Make a part. Stack two F 1x1 pieces, the top one from a sep bag. Put a 2x1 lip on top, overhanging to the right.

Repeat to make two.

Install one hor, the lip to the right, underneath your main part, on the left end of the front edge.

Repeat symm at the right.

Install as is on the left end of your structure, skipping the leftmost column. Lay aside.

Bag 19. Make a part (the left front door).

Number 1.

Stack two F 3x1 and put hor on the table.

Number 2.

Put a F 2x1 with a cornice hor on top, at the right, the cornice to the front.

Put a F 1x1 with a clasp hor to the left, the clasp overhanging to the left.

Number 3.

Insert a windowpane into a 2x1 shelf piece and put it hor on top, at the right, the window to the front.

Stack two 1x1 pieces and put to the left.

Number 4.

Put a F 2x1 from a sep bag hor on top of your part, at the right.

Put a F 1x1 with a clasp hor to the left, as before.

Number 5.

Put a F 3x1 hor on top of your part.

Put a F 1x1 on top, at the left.

Put a F 2x1 hor to the right.

Number 6.

Put a F 1x1 on top of your part, at the right.

Put a F 2x1 hor to the left.

Number 7.

Put a FS 3x1 hor on top of your part.

Install as is at the left end of the front wall. Lay aside.

Bag 20. Make a part (the left back door).

Number 1.

Stack two F 3x1 and put hor on the table.

Number 2.

Put a F 2x1 with a cornice hor on top, at the left, the cornice to the front.

Put a F 1x1 with a clasp hor to the right, the clasp overhanging to the right.

Number 3.

Insert a windowpane into a 2x1 shelf piece and put hor on top of your part, at the left, the window to the front.

Stack two 1x1 and put to the right.

Number 4.

Put a F 1x1 with a clasp hor on top, as before.

Put a F 2x1 from a sep bag hor to the left.

Number 5.

Put a F 3x1 hor on top of your part.

Put a F 2x1 hor on top, at the left.

Put a F 1x1 to the right.

Number 6.

Put a F 2x1 hor on top of your part, at the right.

Put a F 1x1 to the left.

Number 7.

Put a FS 3x1 hor on top of your part.

Rotate your structure back to front and install this part as is at the right end of the front wall. LMA.

Bag 21.

Make a part. Put a F 8x1 hor on the table. Put a F 8x1 hor to the right. Put another F 8x1 hor to the right. Connect by putting two F 12x1 hor on top.

Repeat to make two.

Install one hor on the front wall, starting from the left.

Install the other symm at the back.

Bag 22.

Put a 4x1 hor on the left end of the front wall.

Put a 6x1 hor to the right.

Repeat twice.

Put a 2x1 lip hor to the right.

Repeat steps 1-4 symm at the back. Lay aside.

Bag 23. Make a part (the railing at the bottom).

Number 1.

Put a F 4x1 ver on the table.

Put a 4x1 with side holes ver on top.

Number 2.

Insert a long connector hor, from the right, the long end first, into the front hole.

Repeat symm at the back.

Put a 1x1 button on top, at the front.

Repeat at the back. LMA.

Number 3. Make a part.

Put a F 3x2 hor on the table.

Put a F 2x2 trapeze hor on top, the longest side to the front, the left front corner aligned with the left front corner of the F 3x2.

Put a FS 2x1 ver on the right column.

Put a 2x2 with an attached underside tube underneath, at the left, the tube to the left.

Lift this part by the front edge upright, the tube to the front, and put this tube from the right onto the back connector of your main part. LMA.

Number 4. Make a symm part.

Put a F 3x2 hor on the table.

Put a F 2x2 trapeze hor on top, the longest side to the back, the left back corner aligned with the left back corner of the F 3x2.

Put a FS 2x1 ver on the right column.

Put a 2x2 with an attached underside tube underneath, at the left, the tube to the left.

Lift this part by the front edge upright, the tube to the back, and put this tube from the right onto the front connector of your main part. LMA.

Number 5. Make a part.

Put a F 8x1 hor on the table. Put a F 3x1 on top, at the right.

Put a F 6x2 hor to the left and overhanging to the front.

Put a FS 3x1 hor on top, at the two leftmost columns of the front edge and overhanging to the left.

Put a FS 3x1 hor to the back.

Put a grate hor to the right.

Put a grate hor to the front.

Put a FS 4x2 hor to the right of the two PPs.

Flip this part upside down, back to front. Put a F three-button corner piece upside down at the left end, skipping the leftmost column, letter F.

Put a 2x2 with an attached underside tube upside down on top, the tube to the left.

Put another such piece on the right end, the tube to the right.

Lift this part by the back edge upright, the tubes to the front, and install from the left, putting its right tube onto the back connector of your main part. LMA.

Number 6. Make a symm part.

Put a F 8x1 hor on the table. Put a F 3x1 hor on top, at the

right.

Put a F 6x2 hor to the left and overhanging to the back.

Put a FS 3x1 hor on top, at the two leftmost columns of the front edge and overhanging to the left.

Put a FS 3x1 hor to the back.

Put a grate hor to the right.

Put a grate hor to the front.

Put a FS 4x2 hor to the right of the two PPS.

Flip this part upside down, back to front. Put a F three-button corner piece upside down at the left end, skipping the leftmost column, letter h.

Put a 2x2 with an attached underside tube upside down on top, the tube to the left.

Put another such piece on the right end, the tube to the right.

Install symm at the front. LMA.

Number 7. Make a part.

Put a F2x1 hor on the table. Put a 4x1 with the side holes hor on top, overhanging to the sides.

Put a 1x1 button underneath each overhanging end. Put two 1x1 buttons on top of your structure, one at each end.

Insert a connector from the front into the leftmost hole. Repeat at the right.

Rotate this part ver, the connectors to the right, and install as the left wall of your main part, inserting the connectors into the tubes.

Number 8.

Mount a FS 4x2 upright, hor, on the right end of the front wall.

Repeat symm at the back.

Number 9.

Put a F 12x2 hor on top, in the middle, starting at the left.

Put a FS 2x2 on top, at the right.

Skip two columns to the left and put a FS 2x2 there.

Number 10.

Flip this part upside down, back to front, open the bottom edges of the front and back walls. Flip your structure upside down, back to front, and install this part, skipping five columns from the left edge of the base piece. Lay aside.

Bag 24. Make the wheels part (the same as in Book 2).

Number 1.

Start Building

Step 1

Put a 6x3 saddle piece hor on the table.

Step 2

Put another such piece hor to the back.

Step 3

Connect by putting a F 6x2 ver in the middle.

Number 2.

Step 1

Put a F 2x1 hor on top, on the front edge.

Step 2

Skip three rows to the back and put a magnet piece there, the washer board piece curve to the front and the magnets to the back.

Number 3.

Step 1

Connect two wheels with a stick, the rims to the center.

Step 2

Repeat to make two.

Step 3

Flip your part upside down, left to right, and install the two pairs of wheels hor there.

Number 4.

Step 1

Flip this part right side up, left to right, and put a FS 6x4 with a tube ver on top.

Number 5.

Flip this part upside down, left to right, and install on top (of

the overturned) structure, hor, the magnets to the right, at the right end, inserting the tube into the hole of the 4th column from the left, in the middle.

Bag 25.

Flip this car right side up, back to front, and connect from the right to your main structure, inserting the upright connector on the right end of the main structure from the bottom into the hole to the front of and between the two F 2x2 disks at the floor of the car. LMA.

Bag 26. Make a part.

Number 1.

Put a FS 3x1 with an upright clasp hor on the table, the clasp on the left.

Insert a bolt/clasp from the top into the clasp of the PP. Swing the bolt/clasp all the way to the right.

Number 2.

Insert the muzzle of the gun piece into the bolt/clasp, the handle to the bottom.

Install as is on top of your structure, at the right end, in the middle.

Put a minifigure with a cup in his hand on the rightmost seat. Put another minifigure to the left. Put a minifigure of an engineer standing up at the left end at the front, facing to the front. Lay aside.

Bag 27. Make the roof.

Number 1.

Put a F 12x6 hor on the table.

Put another F 12x6 hor to the left.

Number 2.

Connect by putting a F 2x2 disk in the middle.

Number 3.

Put a S 4x2 curve hor on the left end of the back edge, the slide to the back.

Put another such piece to the right, as before.

Repeat four times.

Number 4.

Put a F 2x1 with one button ver on the right edge, on the 3rd-4th rows from the front.

Put a F 2x1 ver to the left.

Put a F 2x1 ver to the right of the F 2x2 disk already there.

Put another F 2x2 disk to the right.

Put a F 2x1 with one button ver on the left edge, on the 3rd-4th rows from the front.

Put a F 2x1 with one button ver to the right.

Repeat two times.

Put a F 2x1 ver to the right.

Number 5.

Put a FS 8x1 hor with its leftmost button on top of the front button of the PP (on the 3rd row from the front, on the 5th-13th columns from the left).

Put a FS 8x1 hor to the back.

Put a FS 2x1 ver to the right of the two PPs.

Skip one column to the right and put a FS 2x1 ver there. Put a f2x1 with one button ver to the left of the pp.

Put two FS 8x1 pieces hor to the right of the PP, one on the 3rd row from the front, and the other on the 4th.

Number 6.

Put six S 4x2 curves on the front edge, symm to similar pieces at the back.

Number 7.

Put a 1x1 claps ver on the right edge, in the middle.

Put another such piece as before on the button on the middle.

Put another such piece as before on the 4th column from the left, in the middle.

Put a FS 3x1 with an upright clasp hor to the left, the clasp to the right.

Number 8.

Insert a bolt/clasp from the top into the clasp of the PP and swing all the way to the left.

Insert the muzzle of a gun piece into the bolt/clasp, the handle to the bottom.

Insert the long stick into the three remaining clasps.

Connect this car to your main structure.

Enjoy!

Motorization Instructions: Please note, the Power Functions Train Motor, High-speed IR Remote, IR Receiver and Battery Box are sold separately. (Also note: I do not have these parts, so am estimating as to how they should go.) Remove the Dummy engine and replace it with the real engine, (train motor.) Put the IR receiver to the back, under the ski pieces. Run the cable under the car, to the second car. Put the Battery box in the second car. You could also connect two of this set to make an entire train.

On the back is an ad for Lego Town Hall, (set 10224.)

Thank you so much for building this set!

Visit bricksfortheblind.org for more accessible instructions!

Abbreviation definitions:

F = flat (Plate.)
FS = flat smooth (tile)
Slide = slope.
Lip = inverted slope.
Ribbed stick = Technic axle.
Connector = Technic pin.
Stubby or Short connector = Technic pin with stud.
Long connector = elongated Technic pin.
Nail = technic axle with end stop.
Fat nut = Technic joiner.
Thin nut = Technic stop.
Elbow = technic joiner 90 dg.
1x1, 2x1, 3x1... means a 1x1, 2x1, 1x3... brick.
Ver = vertically.
Hor = horizontally.
Symm = symmetrically.
LMA = Lay Momentarily Aside.
PP = previous piece.
Sep bag = separate bag.
Braille letters (for placing corner pieces):
D = open corner to the front left.
F = open corner to the front right.
J = open corner to the back left.
H = open corner to the back right.

We hope you enjoyed building your LEGO set! Bricks for the Blind is able to create these text-based building instructions thanks to generous donations from our builders. If you enjoy the instructions we create, please consider making a \$5 donation at: <https://www.gofundme.com/f/bricks-for-the-blind-gofundme>.