## 40518 High-Speed Train

Adapted by John Le and tested by Jolene Nemeth.

Train fans can create thrilling stories as they hurtle through cities and the countryside with this incredibly detailed High-Speed Train (40518). The train features 2 connected carriages, one of which contains the driver's compartment and has a sloped front. A wonderful gift for kids aged 7 and up to proudly display or use to play out fast-paced adventures.

Journey of a lifetime – take a trip aboard the LEGO® Creator High-Speed Train (40518), featuring 2 carriages, one of which has the driver's compartment at the front.

For ages 7+ – This 284-piece model can be given as a gift for kids who love playing out fun stories with trains.

Create a mega-train – This 2-carriage set comes with stickers to decorate 4 separate carriages. Buy two sets and combine and decorate them to make an even bigger 4-carriage train.

Portable play – The High-Speed Train measures over 2 in. (6.5 cm) high, 14 in. (36 cm) long and 1 in. (3 cm) wide, so kids can play with it at home or take it with them wherever they go.

The front and back of the box shows the high speed train traveling on a railroad through the plains with mountains in the back!

The top of the box shows a real size image of a light grey 2x2 plate with a ball and a bar.

The build is 284 pieces in total and is for ages 7+.

4 bags include the pieces for the high speed train.

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<sup>™</sup> 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<sup>™</sup>.

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, ells and triangles.

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

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

Bushes/Bushings - LEGO Technic™ uses bushes largely as spacers, but they also can reduce friction between rotating parts, or can form useful elements such as handles. Bushes are typically light gray,

generally cylindrical, and have an axle-hole running through the middle. They have a flange at the front and back to make them easier to pull on and off.

For builders with low vision, or a sighted building partner may want to follow along with the printed visual instructions that come with each kit, or PDF versions are always online at LEGO.com for each set: (<a href="https://www.lego.com/en-us/service/buildinginstructions/40518">https://www.lego.com/en-us/service/buildinginstructions/40518</a>) As low vision users may benefit from viewing the instructions on a personal device where they can zoom in on content and use assistive technologies to enhance the visuals.

#### Sorting the pieces:

To begin a successful build, it helps to sort the pieces into groups, bags, or small containers. Have a friend or family member do this in advance following the instructions below. You will see that the pieces should be sorted according to the building steps in the kit. Doing this in advance makes locating the pieces for each step easier. See below on how to sort the pieces to correspond to the steps in this set. Number the containers using letters A-Z, numbers, or meaningful names. The parts will be sorted into one or a small number of steps in the instructions. Example: Steps 1-3 means collect all the parts used in steps 1,2 and 3, and put them in one container.

This LEGO set comes with 4 bags labeled 1-4, 1 set of instructions, and some loose pieces. Sort the pieces into groups or piles as described below. Note that where there are multiple colors of the same brick in a step, the colors will be split into 2 groups to make telling the difference easier for the builder! LEGO includes a few spare parts in case you lose something. Set these into their own group away from the rest, in case you need them later.

Bags 1-4 - High Speed Train

Group 1 - Steps 1-2 and 2 white 1x1 bricks from Step 3.

Group 2 - Rest of Step 3, Steps 4-11, and 2 dark blue 1x1 bricks from Step 12.

Group 3 - Rest of Step 12 and 4 yellow 1x4 plates from Step 13.

Group 4 - Rest of Step 13 and Steps 14-17.

Group 5 - Steps 18-34.

Group 6 - Steps 35-40.

Group 7 - Steps 41-42 and 2 white 1x1 bricks from Step 43.

Group 8 - Rest of Step 43 and Steps 44-49.

Group 9 - Step 50.

Group 10 - Steps 51-52 and 6 yellow 1x2 plates from Step 53.

Group 11 - Rest of Step 53 and Steps 54-60.

Group 12 - Steps 61-76.

Group 13 - Steps 77-87.

Group 14 - Steps 88-95.

Let's get to building!

Building Instructions (Bags 1-4, Book 1):

Group 1 - High Speed Train

1. Horizontally place a blue 4x10 plate in front of you. Then vertically place a dark grey 1x2 plate with a rail on the rightmost column so it is centered vertically and the rail faces the right.

- 2. Vertically place a pink 1x2x2 brick with 2x2 side studs on the rightmost column so it is centered vertically and the side studs face the right.
- 3.1. Place a white 1x1 brick on the front right corner. Then repeat symmetrically to the back.

Group 2 - High Speed Train

- 3.2. Place a dark blue 1x1 brick on the front right corner. Then repeat symmetrically to the back.
- 4. Vertically place a yellow 1x2 plate on the 2nd column from the right so it is centered vertically. Then place a light grey 1x1 tile in front of and behind the ppp.
- 5.1. Horizontally place a white 1x2 brick with a sticker on the front row on the 3rd and 4th columns from the right so the sticker faces the front. Then repeat symmetrically to the back.
- 5.2. Skip this step if you have already placed your stickers! Ask a helper to place sticker 2 on each of the 2 white 1x2 bricks. These stickers have a blue box with the number 2 on it! Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.
- 6. Horizontally place a pink 2x4 tile on the 2 leftmost columns so it is centered vertically and 2 columns overhang to the left.
- 7. Horizontally place a blue 4x10 plate underneath the 2 leftmost columns so it is centered vertically.
- 8. Horizontally place a white 1x12 brick on the front row to the left of the 1x2 brick that is on the 3rd and 4th columns from the right. Then repeat symmetrically to the back.
- 9. Horizontally place a white 1x2 brick on the front row on the 3rd and 4th columns from the left. Then repeat symmetrically to the back.
- 10. Vertically place a dark grey 1x2 plate with a rail on the leftmost column so it is centered vertically and the rail faces the left. Then vertically place a yellow 1x2 plate to the right so it is centered vertically. Now place a light grey 1x1 tile on the front row on the 2nd column from the left. Then repeat symmetrically to the back.
- 11. Vertically place a pink 1x2x2 brick with 2x2 side studs on the leftmost column so it is centered vertically and the side studs face the left.

You will have 2 extra dark blue 1x1 bricks. Save them for later!

Group 3 - High Speed Train

12. Place a white 1x1 brick on the front left corner. Then place a dark blue 1x1 brick from group 2 on the front left corner. Now repeat both parts symmetrically to the back.

You will have 4 extra yellow 1x2 plates. Save them for later!

Group 4 - High Speed Train

- 13.1. Let's make 4 identical parts! Place a dark grey 1x1x2 brick with 2 side studs in front of you so the side studs face the front. Now vertically place a light blue 1x2 plate upright on the front-facing side studs.
- 13.2. Vertically place a yellow 1x2 plate from group 3 upright on the front-facing side studs. Now vertically place a white 1x2 ingot tile upright on the front-facing side studs.
- 13.3. Now you should have 4 identical parts! Vertically place 2 parts, 1 in front of the other, on the 2nd column from the left so they are centered vertically and the ingot tiles face outwards to the front and back. Then repeat symmetrically to the right.
- 14.1. Horizontally place a dark blue 1x4 brick with a sticker on the front row on the 3rd, 4th, 5th, and 6th columns from the right so the sticker faces the front. Then repeat symmetrically to the back.
- 14.2. Skip this step if you have already placed your stickers! Ask a helper to place sticker 7 on each of the 2 dark blue 1x4 bricks. These stickers have a black and yellow rectangle that says LLC-HLC High Speed. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.
- 15. Horizontally place a transparent 1x2 brick on the front row on the 7th and 8th columns from the right. Then place a dark blue 1x1 brick to the left of the ppp. Now horizontally place a transparent 1x2 brick to the left of the ppp. Then place a dark blue 1x1 brick to the left of the ppp. Now repeat everything symmetrically to the back.
- 16. Place a dark blue 1x1 brick on the front row on the 3rd column from the left. Then horizontally place a transparent 1x2 brick to the right of the ppp. Then place a dark blue 1x1 brick to the right of the ppp. Now horizontally place a transparent 1x2 brick to the right of the ppp. Then repeat everything symmetrically to the back.
- 17. Horizontally place a white 4x10 plate on the 10 leftmost columns so it is centered vertically. Then repeat symmetrically to the right.

#### Group 5 - High Speed Train

- 18. Let's make a part! Place a light grey 2x2 plate with 2 small pins in front of you so the pins face the front and back.
- 19. Vertically place a yellow 1x2 plate on the leftmost column.
- 20. Horizontally place a dark grey 2x4 plate on the rightmost column so 3 columns overhang to the right.
- 21. Place a light grey 2x2 plate with 2 small pins underneath the 2 rightmost columns so the pins face the front and back.
- 22. Place a black 2x2 plate with a socket on the 2 rightmost columns so the hitch faces the right.
- 23. Vertically place a light grey 1x2 plate with a pinhole underneath on the front row on the 3rd column from the left so the hole overhangs 1 row to the front. Then repeat symmetrically to the back.

- 24. Place a light grey 2x2 round plate on the 2 leftmost columns.
- 25. Flip your main build upside down so it is horizontal and the front-facing and back-facing stickers are on the right. Now horizontally place your part on the 5 rightmost columns so it is centered vertically and the socket faces the right.
- 26. Vertically place 5 light grey 2x4 plates with inverted slope sides, 1 to the right of the other, to the left of the ppp so they are centered vertically.
- 27. Let's make a part! Place a light grey 2x2 plate with 2 small pins in front of you so the pins face the front and back.
- 28. Vertically place a yellow 1x2 plate on the rightmost column.
- 29. Horizontally place a dark grey 2x4 plate on the leftmost column so 3 columns overhang to the left.
- 30. Place a light grey 2x2 plate with 2 small pins underneath the 2 leftmost columns so the pins face the front and back.
- 31. Place a black 2x2 plate with a socket on the 2 leftmost columns so the hitch faces the left.
- 32. Vertically place a light grey 1x2 plate with a pinhole underneath on the front row on the 3rd column from the right so the hole overhangs 1 row to the front. Then repeat symmetrically to the back.
- 33. Place a light grey 2x2 round plate on the 2 rightmost columns.
- 34. Horizontally place your part on the 5 leftmost columns of the main build so it is centered vertically and the hitch faces the left. Now flip your main build over so it is right-side up, horizontal, and the front-facing and back-facing stickers are on the right.

## Group 6 - High Speed Train

- 35. Horizontally place a light blue 2x8 plate on the 8 leftmost columns so it is centered vertically. Then repeat symmetrically to the right. Now horizontally place a yellow 2x4 plate in between the 2 ppp so it is centered vertically.
- 36. Vertically place 2 light grey 1x2 jumper plates, 1 to the right of the other, on the 2 leftmost columns so they are centered vertically. Then repeat symmetrically to the right. Now horizontally place 4 light grey 2x4 tiles, 1 to the right of the other, in between the 4 ppp so they are centered horizontally and vertically.
- 37. Horizontally place a dark grey 1x2 grill tile on the 2 leftmost columns on top of the jumper plates. Then repeat symmetrically to the right.
- 38. Horizontally place 10 white 1x2 slope tiles, 1 to the right of the other, on the front row so they slope to the front. Then repeat symmetrically to the back.
- 39. Vertically place a black 2x3 tile upright on the left-facing side studs so 1 row overhangs to the top. Then repeat symmetrically to the right.

40. Attach 4 black wheels to the 4 small front-facing pins. Then repeat symmetrically to the back. Now put your build away while we make the next part of the train!

Group 7 - High Speed Train

- 41. Horizontally place a blue 4x10 plate in front of you. Then vertically place a dark grey 1x2 plate with a rail on the rightmost column so it is centered vertically and the rail faces the right.
- 42. Vertically place a pink 1x2x2 brick with 2x2 side studs on the rightmost column so it is centered vertically and the side studs face the right.
- 43.1. Place a white 1x1 brick on the front right corner. Then repeat symmetrically to the back.

Group 8 - High Speed Train

- 43.2. Place a dark blue 1x1 brick on the front right corner. Then repeat symmetrically to the back.
- 44. Vertically place a yellow 1x2 plate on the 2nd column from the right so it is centered vertically. Then place a light grey 1x1 tile in front of and behind the ppp.
- 45.1. Horizontally place a white 1x2 brick with a sticker on the front row on the 3rd and 4th columns from the right so the sticker faces the front. Then repeat symmetrically to the back.
- 45.2. Skip this step if you have already placed your stickers! Ask a helper to place sticker 1 on each of the 2 white 1x2 bricks. These stickers have a blue box with the number 1 on it! Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.
- 46. Horizontally place a pink 2x4 tile on the 2 leftmost columns so it is centered vertically and 2 columns overhang to the left.
- 47. Horizontally place a blue 4x10 plate underneath the 2 leftmost columns so it is centered vertically.
- 48. Horizontally place a white 1x8 brick on the front row to the left of the 1x2 brick that is on the 3rd and 4th columns from the right. Then repeat symmetrically to the back.
- 49. Vertically place a yellow 1x2 plate on the 8th column from the left so it is centered vertically. Then place a light grey 1x1 tile in front of and behind the ppp.

Group 9 - High Speed Train

50. Vertically place a light blue 1x2 plate on the 7th column from the left so it is centered vertically. Then place a white 1x1 brick in front of and behind the ppp.

Group 10 - High Speed Train

51. Vertically place a yellow 1x2 plate on the 6th column from the left so it is centered vertically. Then place a light grey 1x1 tile in front of and behind the ppp.

- 52.1. Horizontally place a white 1x4 brick with a sticker on the front row on the 2nd, 3rd, 4th, and 5th columns from the left so the sticker faces the front.
- 52.2. Skip this step if you have already placed your sticker! Ask a helper to place sticker 5 on the white 1x4 brick. This sticker says GG96 and has a dark blue circle with 2 arrows facing left and right. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.
- 52.3. Horizontally place a white 1x4 brick with a sticker on the back row on the 2nd, 3rd, 4th, and 5th columns from the left so the sticker faces the back.
- 52.4. Skip this step if you have already placed your sticker! Ask a helper to place sticker 6 on the white 1x4 brick. This sticker says GG96 and has a dark blue circle with 2 arrows facing left and right. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.

You will have 6 extra yellow 1x2 plates. Save them for later!

Group 11 - High Speed Train

- 53.1. Let's make 6 identical parts! Place a dark grey 1x1x2 brick with 2 side studs in front of you so the side studs face the front. Now vertically place a light blue 1x2 plate upright on the front-facing side studs.
- 53.2. Vertically place a yellow 1x2 plate from group 3 upright on the front-facing side studs. Now vertically place a white 1x2 ingot tile upright on the front-facing side studs.
- 53.3. Now you should have 6 identical parts! Vertically place 2 parts, 1 in front of the other, on the 6th column from the left so they are centered vertically and the ingot tiles face outwards to the front and back.
- 53.4. Vertically place 2 parts, 1 in front of the other, on the 2nd column from the right so they are centered vertically and the ingot tiles face outwards to the front and back.
- 53.5. Vertically place 2 parts, 1 in front of the other, on the 8th column from the left so they are centered vertically and the ingot tiles face outwards to the front and back.
- 54.1. Horizontally place a dark blue 1x4 brick with a sticker on the front row on the 3rd, 4th, 5th, and 6th columns from the right so the sticker faces the front. Then repeat symmetrically to the back.
- 54.2. Skip this step if you have already placed your stickers! Ask a helper to place sticker 7 on each of the 2 dark blue 1x4 bricks. These stickers have a black and yellow rectangle that says LLC-HLC High Speed. Make sure the sticker is placed on correctly and is oriented on the build correctly, ask a sighted person to check.
- 55. Horizontally place a transparent 1x2 brick on the front row on the 7th and 8th columns from the right. Then place a dark blue 1x1 brick to the left of the ppp. Now horizontally place a transparent 1x2 brick to the left of the ppp. Then place a dark blue 1x1 brick to the left of the ppp. Now repeat everything symmetrically to the back.
- 56. Place a dark blue 1x1 brick on the front row on the 7th column from the left. Then repeat symmetrically to the back.

- 57. Horizontally place a dark blue 1x2 slope brick on the front row on the 4th and 5th columns from the left so it slopes to the left. Then repeat symmetrically to the back.
- 58. Horizontally place a white 4x10 plate on the 10 rightmost columns so it is centered vertically.
- 59. Horizontally place a white 2x6 plate on the front 2 rows to the left of the ppp. Then repeat symmetrically to the back.
- 60. Place a light grey 2x2 round plate on the 2nd and 3rd columns from the left so it is centered vertically. Then vertically place a yellow 1x2 plate on the 3rd column from the left so it is centered vertically.

#### Group 12 - High Speed Train

- 61. Let's make a part! Place a light grey 2x2 plate with 2 small pins in front of you so the pins face the front and back.
- 62. Vertically place a yellow 1x2 plate on the leftmost column.
- 63. Horizontally place a dark grey 2x4 plate on the rightmost column so 3 columns overhang to the right.
- 64. Place a light grey 2x2 plate with 2 small pins underneath the 2 rightmost columns so the pins face the front and back.
- 65. Place a light grey 2x2 plate with a ball and bar on the 2 rightmost columns so the ball faces the right.
- 66. Vertically place a light grey 1x2 plate with a pinhole underneath on the front row on the 3rd column from the left so the hole overhangs 1 row to the front. Then repeat symmetrically to the back.
- 67. Place a light grey 2x2 round plate on the 2 leftmost columns.
- 68. Flip your main build upside down so it is horizontal and the open column of the 4x10 plate is on the leftmost column. Now horizontally place your part on the 5 rightmost columns so it is centered vertically and the ball faces the right.
- 69. Vertically place 5 light grey 2x4 plates with inverted slope sides, 1 to the right of the other, to the left of the ppp so they are centered vertically.
- 70. Let's make a part! Place a light grey 2x2 plate with 2 small pins in front of you so the pins face the front and back.
- 71. Vertically place a yellow 1x2 plate on the rightmost column.
- 72. Horizontally place a dark grey 2x4 plate on the leftmost column so 3 columns overhang to the left.
- 73. Place a light grey 2x2 plate with 2 small pins underneath the 2 leftmost columns so the pins face the front and back.

- 74. Place a light grey 2x2 round plate on the 2 leftmost columns. Then vertically place a light grey 1x2 plate with a pinhole underneath on the front row on the 3rd column from the right so the hole overhangs 1 row to the front. Then repeat symmetrically to the back.
- 75. Place a light grey 2x2 round plate on the 2 rightmost columns.
- 76. Horizontally place your part on the 5 leftmost columns of the main build so it is centered vertically. Now flip your main build over so it is right-side up, horizontal, and the open column of the 4x10 plate faces the left.

# Group 13 - High Speed Train

- 77. Vertically place a dark grey 1x2 plate with 2x2 side studs hanging down on the leftmost column so it is centered vertically and the side studs face the left.
- 78. Horizontally place 2 sand blue 1x1 plates with a 1x1 slope tile, 1 in front of the other, on the 2 leftmost columns so they are centered vertically and slope to the left.
- 79. Horizontally place 2 pink 1x2 plates with a stud and a clip, 1 in front of the other, on the 2nd and 3rd columns from the left so they are centered vertically and the clips are on the left.
- 80. Place a white 1x1 plate with a side stud hanging down on the front left corner so the side stud faces the left. Then repeat symmetrically to the back. Now horizontally place a black 1x2 ingot tile upright on the top row of left-facing side studs so it is centered horizontally.
- 81. Place a white 2x2 corner plate on the front 2 rows on the 2nd and 3rd columns from the left so it looks like the braille letter j. Then repeat symmetrically to the back.
- 82. Rotate your build 90 degrees counterclockwise so it is vertical and the side studs face the front. Now place a white 2x2 corner brick with a cutoff corner upright on the right 2 columns of front-facing side studs so the cutoff corner faces the bottom right. Then repeat symmetrically to the left.
- 83. Rotate your build 90 degrees clockwise so it is horizontal and the side studs face the left. Now horizontally place a white 1x2 slope brick on the front left corner so it slopes to the left onto the upright ppp. Then repeat symmetrically to the back.
- 84. Horizontally place a white 1x2 sloped curved brick upright on the bottom row of left-facing side studs so it is centered horizontally and slopes down.
- 85. Horizontally place a white 1x2 slope brick on the front row on the 2 leftmost columns of studs so it slopes to the left. Then repeat symmetrically to the back. Now place 2 white 2x2 inverted slope bricks, 1 in front of the other, to the right of the 2 ppp so they are centered vertically and slope to the right.
- 86.1. Let's make a part! Horizontally place a light grey 1x2 plate with a bar on the long side in front of you so the bar faces the front. Now horizontally place a black 1x2x2 window frame on top so the ridged side faces the back. Then attach a transparent window pane to the back-facing side of the ppp.
- 86.2. Horizontally place a dark blue 1x2 brick on top. Then place 2 white 1x1 double slope tiles, 1 to the right of the other, on top so they slope to the front and back.

- 86.3. Horizontally attach the bar of your part to the 2 top-facing clips on the leftmost column of studs so the double slope tiles are on the left and face the bottom left.
- 87. Horizontally place a light blue 2x8 plate on the 8 rightmost columns so it is centered vertically. Then horizontally place another 1 to the left so it is centered vertically. Now place a transparent 1x1 slope tile upright on the front left-facing side stud so it slopes to the front. Then repeat symmetrically to the back.

Group 14 - High Speed Train

- 88. Vertically place a white 3x4 sloped curved car hood on the 3 leftmost columns of studs so it is centered vertically and the round side faces the left.
- 89. Vertically place 2 light grey 1x2 jumper plates, 1 to the right of the other, on the 2 rightmost columns so they are centered vertically. Now horizontally place 3 light grey 2x4 tiles, 1 to the right of the other, to the left of the ppp so they are centered vertically. Now horizontally place a light grey 2x3 plate to the left of the ppp so it is centered vertically.
- 90. Horizontally place 8 white 1x2 slope tiles, 1 to the right of the other, on the front row so they slope to the front. Then repeat symmetrically to the back.
- 91. Vertically place a black 2x3 tile upright on the right-facing side studs so 1 row overhangs to the top.
- 92. Attach 4 black wheels to the 4 small front-facing pins. Then repeat symmetrically to the back.
- 93. Horizontally place a dark grey 1x2 plate with a stud and a hinge on the 2 rightmost columns so it is centered vertically and the hinge is on the right. Now attach a dark grey ridged axle connector with a hinge connector to the hinge of the ppp so the axle hole faces the top right. Now vertically attach a black t-shaped bar to the axle hole of the ppp so the bars face the front and back.
- 94. Bring back your previous build and horizontally attach the left-facing socket to the right-facing ball of your current build.
- 95. Locate a light grey 2x2 plate with a ball and bar and 4 stickers. 2 stickers say 3 and the other 2 say 4. These are extra for if you want to purchase another identical set to extend the train!

Congratulations on finishing your build! Would you like to inspire other blind people to build LEGO sets? Let's feature your build on our <u>Builders page</u>. It's easy and we will do all the work! Just contact us at info@bricksfortheblind.org and together we will make it happen!

Please signup for our newsletter and follow us on <u>Facebook</u> and <u>Instagram</u> to be the first to know when new instructions are available!

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At the end of the instruction booklets are advertisements for the following 6 LEGO Creator Theme kits:

31125 Fantasy Forest Creatures

31123 Off-road Buggy

31124 Super Robot

31127 Street Racer

31128 Dolphin and Turtle