BUILD TOGETHER

Airport fire engine

51 pieces / 13 steps

A long red vehicle with blue cab lights and an equipment rack is ready for a pretend airport rescue. Two wheeled bases carry its broad body.



A little model, a little story

Make up a call for help at an imaginary airport.

Choose a clear route to the scene.

Tell the crew when the pretend job is finished.

Digital guide; no bricks included. Make it together with an adult.

GETTING STARTED

Before you build

Match the shapes

Compare each part with its picture and count its rows of studs. A square brick has two rows of two studs; a long brick has two rows of four. Use the full parts list for the exact shapes and quantities.

Follow the colours

Match the shapes and quantities. The pictures show our colours. Colour names in the steps refer to the pictures. Keep contrasting colours where they help you recognise the model.

Count the studs

The bumps on top are called studs. Count them when a step asks for a gap or an overhang. Put the build on a flat surface and keep its front facing the same way as in the pictures.

Add a little at a time

New pieces keep their colour in each step. Earlier pieces look lighter so you can see what has changed. Each list tells you exactly what to add.

Build together

An adult can read the steps while a child finds the pieces. The counts are for this one model. For two models to stay built, add their parts lists together.

About this build

The blue lights, equipment shutters and roof water nozzle are fixed brick details. The nozzle does not spray or turn.

GATHER YOUR PIECES

Exact parts checklist

Match the shapes and quantities. The pictures show our colours. Choose your own colours for the same parts; changing a part's shape is a different substitution.

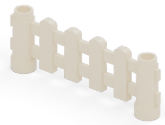
A wheeled base with its attached wheels counts as one assembled piece.



- [ ] **3 x Curved brick (2 × 3 studs)**

Red

Part 2302b



- [ ] **2 x Picket fence (6 × 1 studs)**

Cream

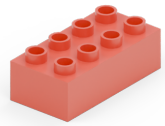
Part 6497



- [ ] **8 x Log wall brick (2 × 1 studs)**

White

Part 18783



- [ ] **2 x Long brick (2 × 4 studs)**

Red

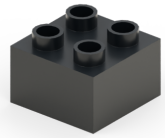
Part 3011



- [ ] **2 x Small plate (2 × 4 studs)**

Red

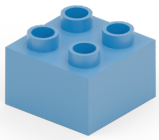
Part 40666



- [ ] **1 x Square brick (2 × 2 studs)**

Black

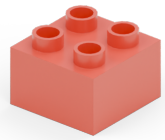
Part 3437



- [ ] **5 x Square brick (2 × 2 studs)**

Blue

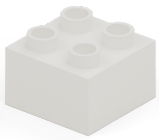
Part 3437



- [ ] **16 x Square brick (2 × 2 studs)**

Red

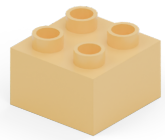
Part 3437



- [ ] **2 x Square brick (2 × 2 studs)**

White

Part 3437



- [ ] **1 x Square brick (2 × 2 studs)**

Yellow

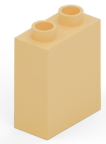
Part 3437



- [ ] **3 x Square plate (4 × 4 studs)**

Red

Part 14721



- [ ] **2 x Wall brick (1 × 2 studs, double height)**

Yellow

Part 4066b

GATHER YOUR PIECES

Exact parts continued



2 x Wheeled vehicle base (4 × 4 studs)

Red

Part 42093

☐



2 x Wide plate (4 × 6 studs)

Red

Part 25549

☐

GATHER YOUR PIECES

Shape-only checklist

Use this list to sort the shapes. Check the full colour list before building; the two lists count the same pieces.

[ ] 3 x Curved brick (2 × 3 studs)

[ ] 2 x Picket fence (6 × 1 studs)

[ ] 8 x Log wall brick (2 × 1 studs)

[ ] 2 x Long brick (2 × 4 studs)

[ ] 2 x Small plate (2 × 4 studs)

[ ] 25 x Square brick (2 × 2 studs)

[ ] 3 x Square plate (4 × 4 studs)

[ ] 2 x Wall brick (1 × 2 studs, double height)

[ ] 2 x Wheeled vehicle base (4 × 4 studs)

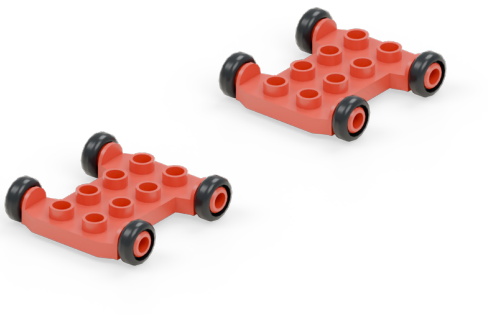
[ ] 2 x Wide plate (4 × 6 studs)

Total: 51 pieces

BUILD, ONE STEP AT A TIME

Step 1 - 2

01 / Set two red wheeled bases in a line, with a four-stud gap between them. Each base already includes four black wheels; keep the two rows of top studs running along the vehicle.

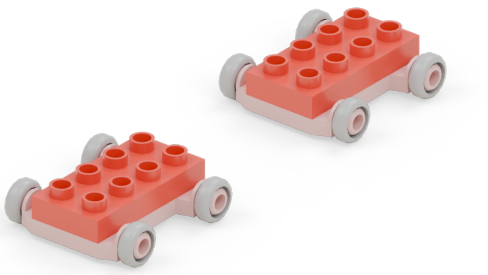


ADD THESE PIECES

2 x Wheeled vehicle base (4 × 4 studs) (Red)

New pieces keep their colour. Earlier pieces are lighter.

02 / Place a red small plate on the eight studs of each chassis. These raise the body above the tyres.



ADD THESE PIECES

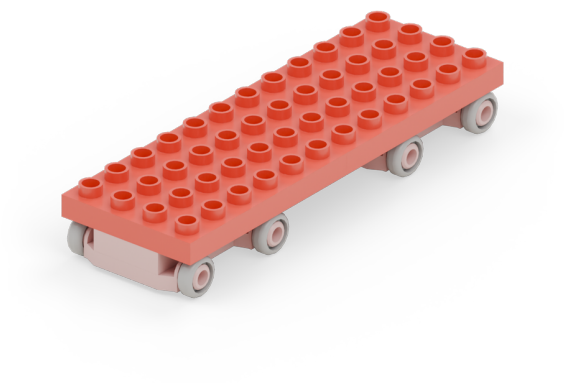
2 x Small plate (2 × 4 studs) (Red)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 3 - 4

03 / Make the body floor with two red wide plates, end to end. Each rests on one chassis and projects toward the middle, spanning twelve studs overall.

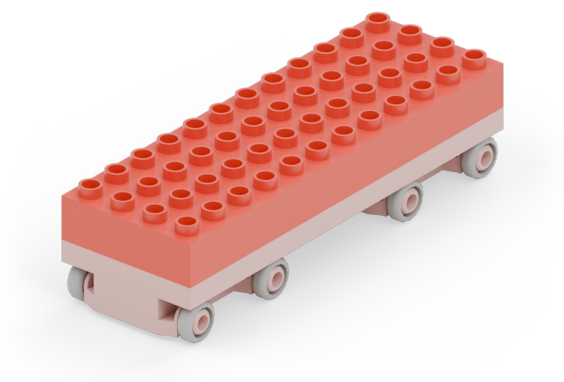


ADD THESE PIECES

2 x Wide plate (4 × 6 studs) (Red)

New pieces keep their colour. Earlier pieces are lighter.

04 / Join the middle seam with two red long bricks side by side, then fill the front and rear with eight red square bricks. Press the pieces across the seam into both floor plates.



ADD THESE PIECES

2 x Long brick (2 × 4 studs) (Red)

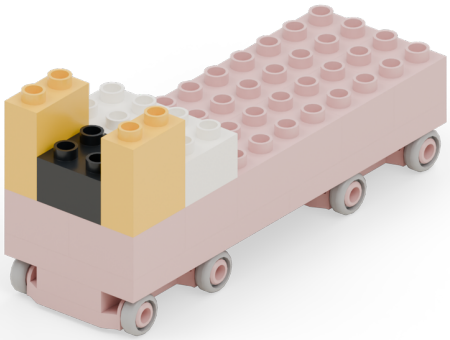
8 x Square brick (2 × 2 studs) (Red)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 5 - 6

05 / Add two white square bricks at the back of the cab. At the front, place a yellow wall brick at each side and a black square between them for the grille.



ADD THESE PIECES

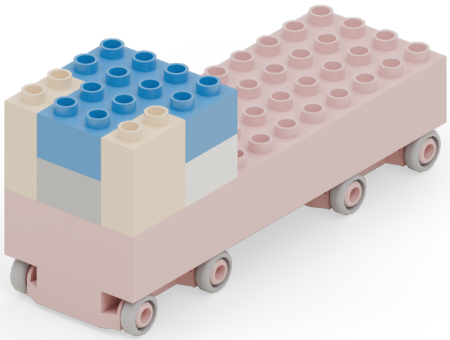
1 x Square brick (2 × 2 studs) (Black)

2 x Square brick (2 × 2 studs) (White)

2 x Wall brick (1 × 2 studs, double height) (Yellow)

New pieces keep their colour. Earlier pieces are lighter.

06 / Add three blue square bricks for the cab windows: two above the white bricks and one over the black grille, between the yellow pillars.



ADD THESE PIECES

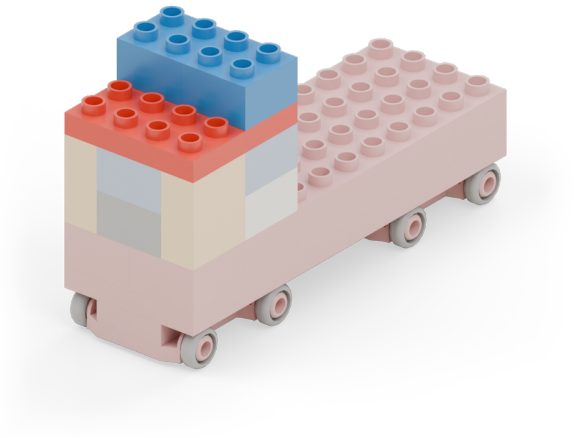
3 x Square brick (2 × 2 studs) (Blue)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 7 - 8

07 / Roof the cab with a red square plate, then put two blue square lights along its back edge.



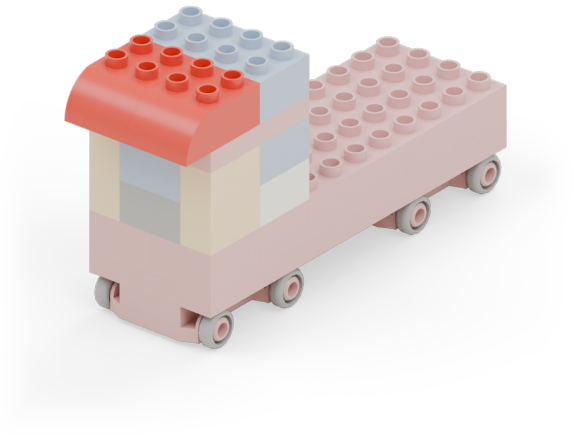
ADD THESE PIECES

2 x Square brick (2 × 2 studs) (Blue)

1 x Square plate (4 × 4 studs) (Red)

New pieces keep their colour. Earlier pieces are lighter.

08 / Add two red curves in front of the blue lights. Their rounded ends point forward over the windscreen.



ADD THESE PIECES

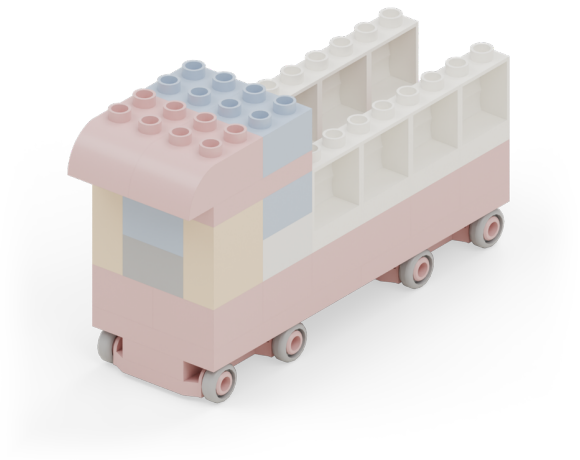
2 x Curved brick (2 × 3 studs) (Red)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 9 - 10

09 / Build the rear equipment bay walls with eight white log bricks: four along each side. Their horizontal ridges suggest roller shutters.

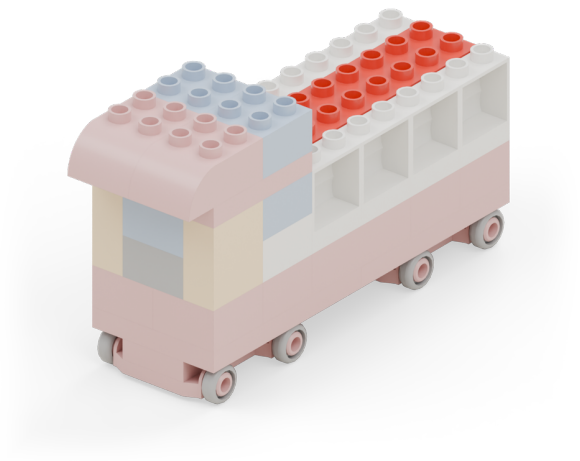


ADD THESE PIECES

8 x Log wall brick (2 × 1 studs) (White)

New pieces keep their colour. Earlier pieces are lighter.

10 / Fill the centre of the equipment bay with four red square bricks, then stack four more directly above them. The top should align with the white shutters.



ADD THESE PIECES

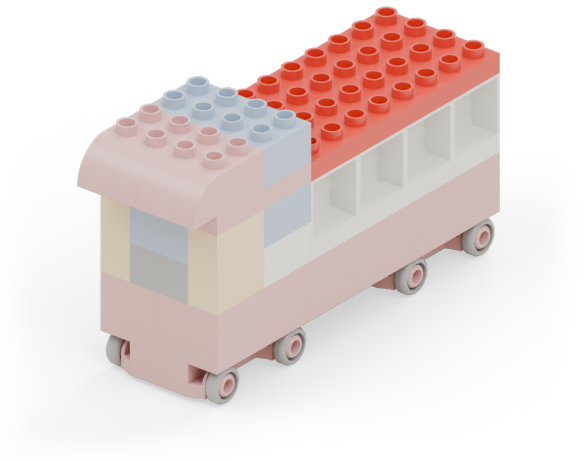
8 x Square brick (2 × 2 studs) (Red)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 11 - 12

11 / Cap the equipment bay with two red square plates, aligned with the body sides.

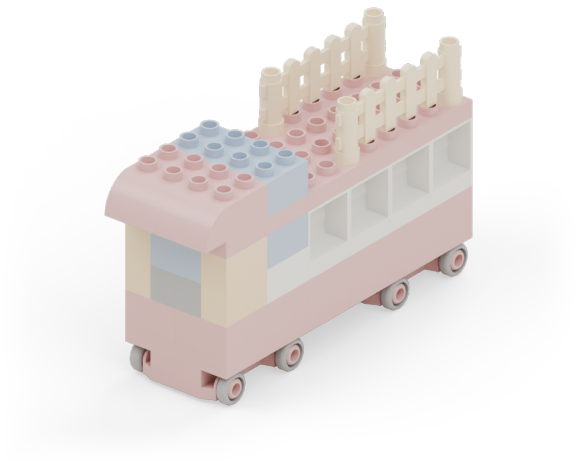


ADD THESE PIECES

2 x Square plate (4 × 4 studs) (Red)

New pieces keep their colour. Earlier pieces are lighter.

12 / Make a roof equipment rack with two cream fences, one along each side. Keep a row clear between the rack and cab.



ADD THESE PIECES

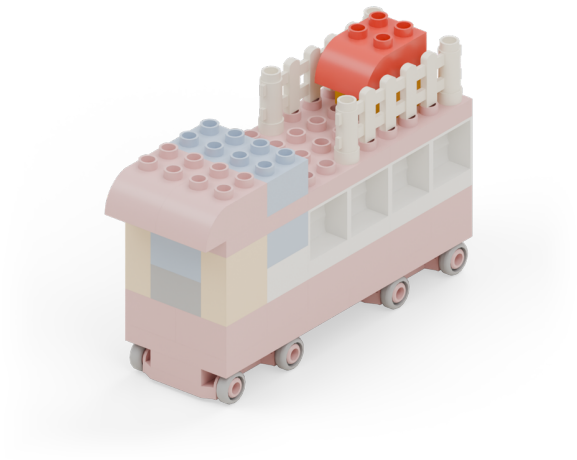
2 x Picket fence (6 × 1 studs) (Cream)

New pieces keep their colour. Earlier pieces are lighter.

BUILD, ONE STEP AT A TIME

Step 13

13 / Add a yellow square brick to the centre of the rear roof, then a red curved brick pointing forward, to suggest a water nozzle.



ADD THESE PIECES

1 x Curved brick (2 × 3 studs) (Red)

1 x Square brick (2 × 2 studs) (Yellow)

New pieces keep their colour. Earlier pieces are lighter.

READY TO PLAY

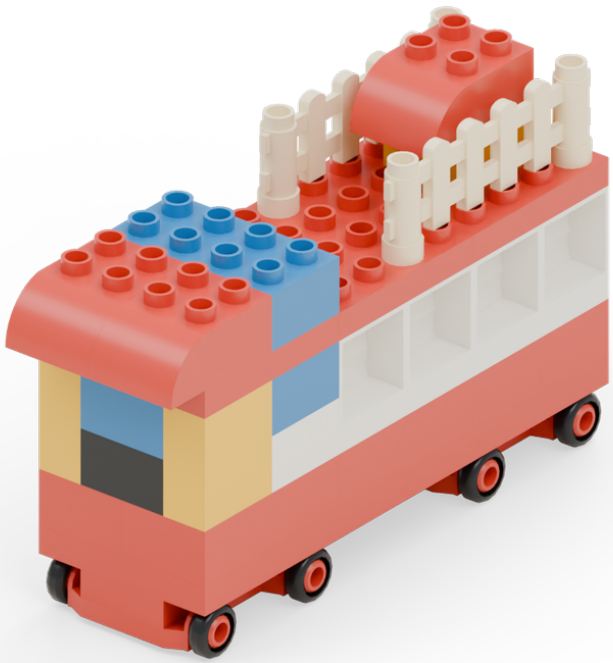
Your little story

Make up a call for help at an imaginary airport.

Choose a clear route to the scene.

Tell the crew when the pretend job is finished.

The blue lights, equipment shutters and roof water nozzle are fixed brick details. The nozzle does not spray or turn.



SOURCES AND CREDITS

Part references

Original assembly. Part geometry adapted from the LDraw Parts Library; attribution and source notices retained. Colours are illustrative.

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