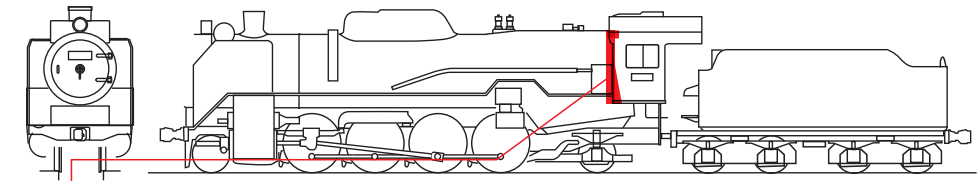


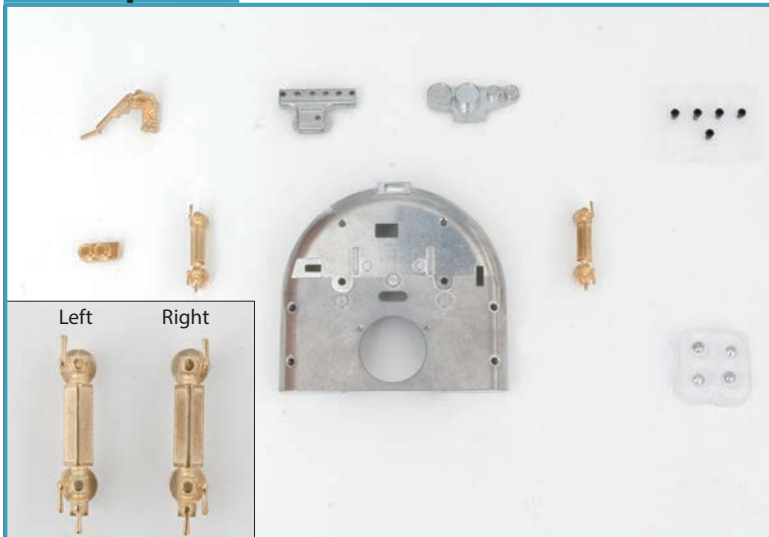
# The backhead 1



The backhead



## Your parts



Backhead  
Fusible plugs × 4  
Gauges (side)  
Left water gauge  
Right water gauge  
Gauges (top)  
Valve box  
Regulator lever  
Screws (2 × 4mm) × 5

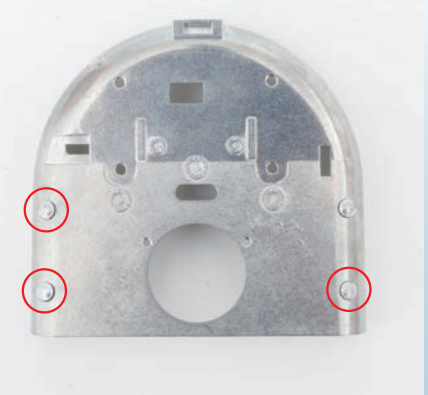
**Required tools**  
Instant adhesive

## 1 Fitting the fusible plugs



Insert a fusible plug into the circled hole on the backhead.

Holding the plug in place, turn the backhead over and apply instant adhesive to the back of the plug.



Repeat this process to glue the remaining three fusible plugs in place at the circled points.

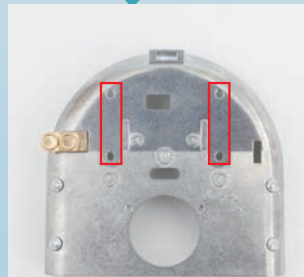
## 2 Fitting the parts 1



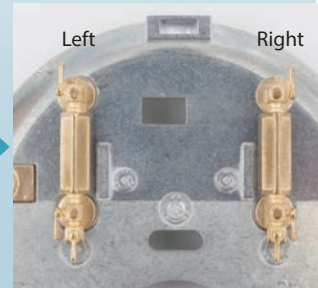
Apply instant adhesive to the area marked in blue on the left.



Apply instant adhesive to the highlighted areas of both water gauges.

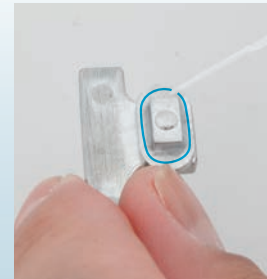


Glue the side gauges into the recess highlighted in the previous photo. Then locate the water gauge positions, outlined here in red.

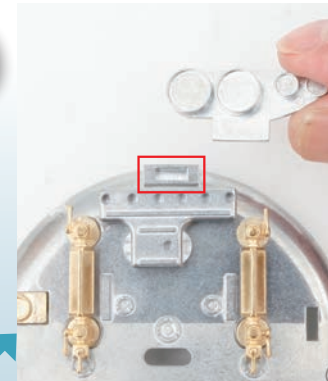


Glue the left and right water gauges in place, as shown.

## 3 Fitting the parts 2

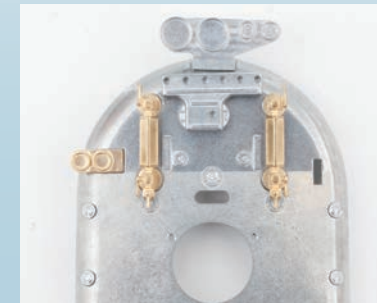
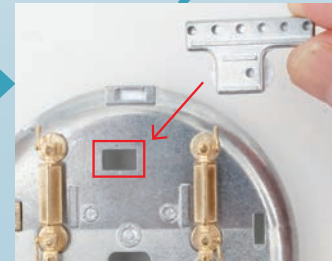


Apply instant adhesive to the back of the valve box, along the blue line shown here.



Apply instant adhesive to the hole in the centre of the highlighted area and glue the top gauges into place there.

Insert the projection on the back of the valve box into the highlighted hole on the backhead.



## 4 Fitting the regulator lever

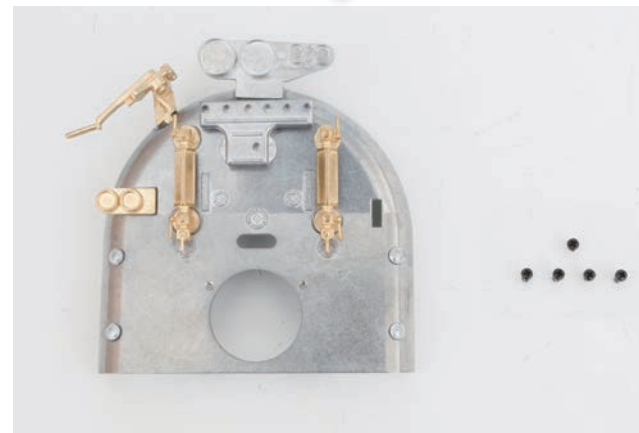


Insert the rectangular projection at the bottom of the regulator lever (circled) into the rectangular hole in the squared recess at the side of the backhead.

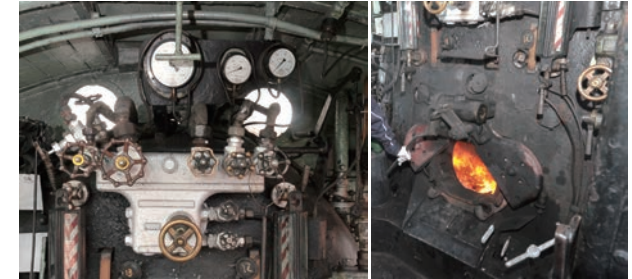
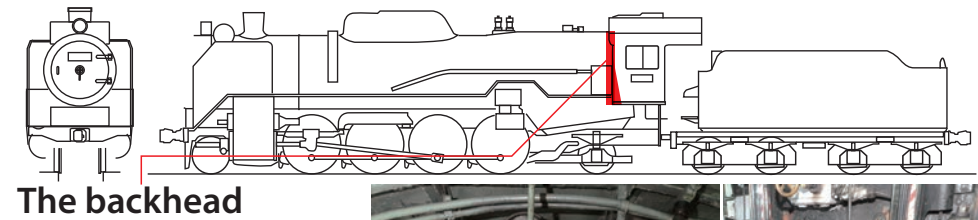
Glue the regulator lever into place with instant adhesive on the inside of the backhead.



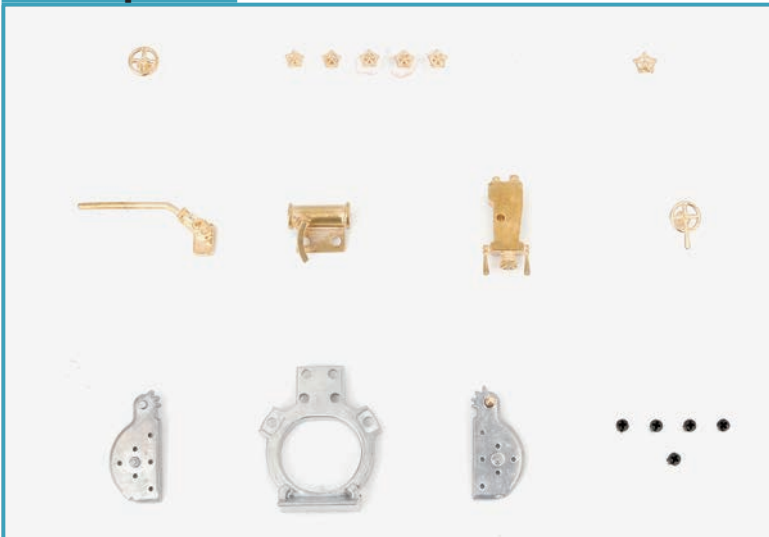
## Assembled parts



# The backhead 2



## Your parts



Valve (large)  
Valves (small) × 5  
Main valve  
Water injector valve  
Water injector  
Air cylinder  
Firebox door handle  
Firebox opening  
Left firebox door  
Right firebox door  
Screws (2 × 4mm) × 5

### Required tools

Phillips screwdriver  
Instant adhesive

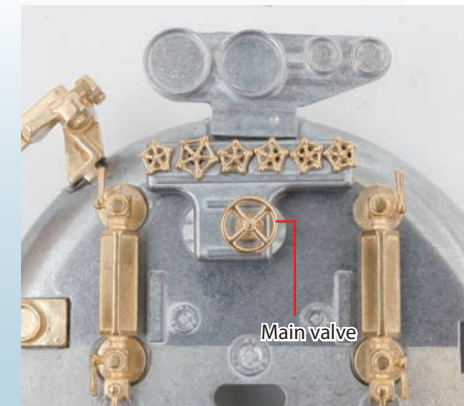
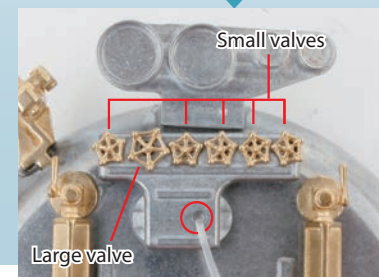
# 1

## Fitting the valves



Apply instant adhesive to the second hole from the left of the six holes along the valve box. Glue the large valve into the hole.

Glue the five small valves into the remaining holes. Apply instant adhesive to the remaining hole in the valve box (circled).



Glue the main valve into the remaining hole in the valve box.



## 2 Fitting the water injector



Apply instant adhesive to the back of the water injector.

Glue the water injector valve into the hole on the front of the injector, as shown, with the handle pointing down.



Glue the injector onto the right side of the backhead, then apply some instant adhesive to the hole on the front (circled).

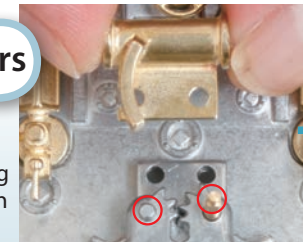
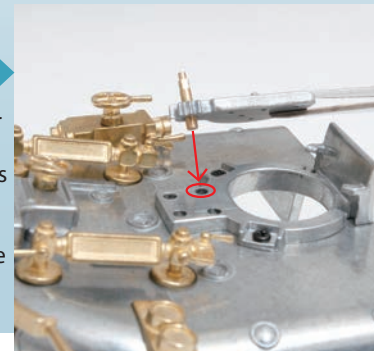


## 3 Fitting the firebox doors



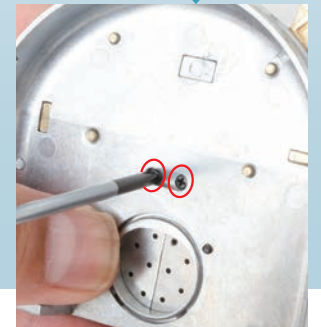
Place the firebox opening over the hole in the backhead and screw into place with two 2 x 4mm screws.

Place the right firebox door over the opening and position the brass projection into the circled hole. Then position the left door in the same way.



Place the air cylinder over the two circled projections of the doors.

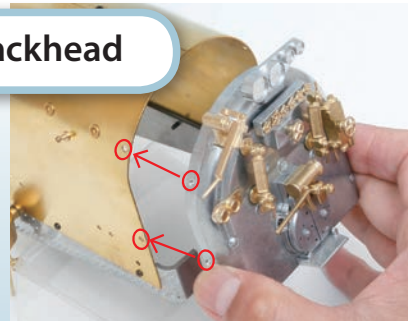
Hold the doors and cylinder in place and tighten a screw into each hole in the back of the backhead.



## 4 Fitting the door handle and backhead



Apply instant adhesive to the tip of the circled projection and place the firebox door handle onto it.

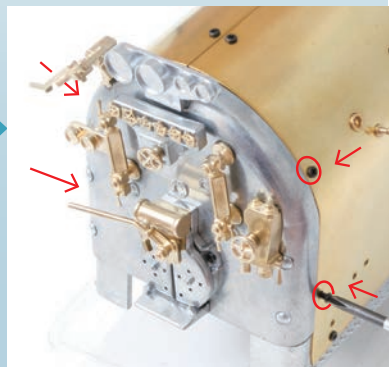


Place the backhead into the back of the smokebox, aligning the holes of both (circled).

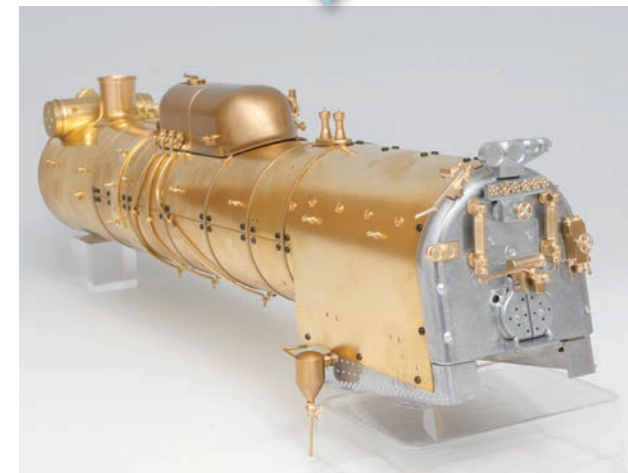
Make sure the firebox doors are closed and the lever is positioned as shown.



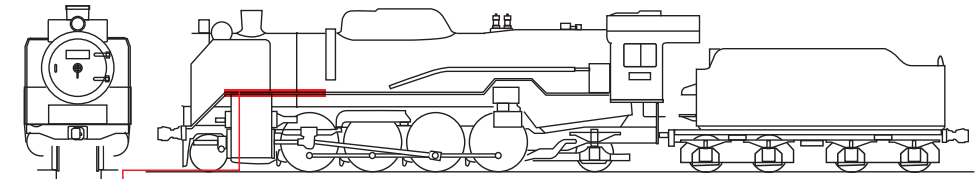
Tighten a 2 x 4mm screw into each of the four holes (arrows) around the smokebox.



## Assembled parts



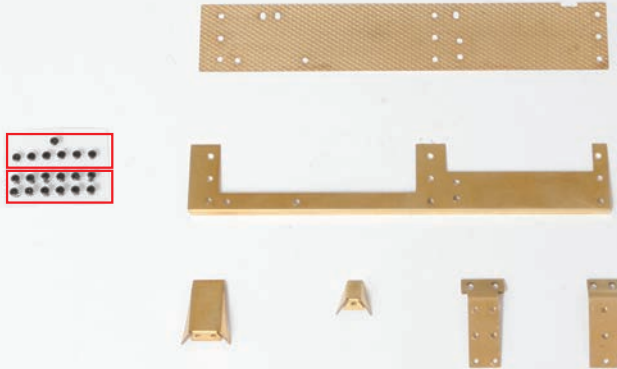
# The front left running board



The front left running board



## Your parts

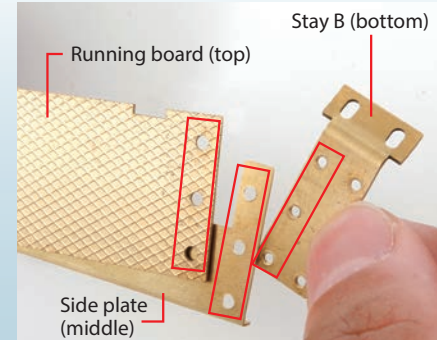


Front left running board  
Side plate  
Stay A  
Stay B  
Pipe cover (small)  
Pipe cover (large)  
Screws (2 × 2mm) × 7  
Screws (2 × 3mm) × 12

**Required tools**  
Phillips screwdriver

**1**

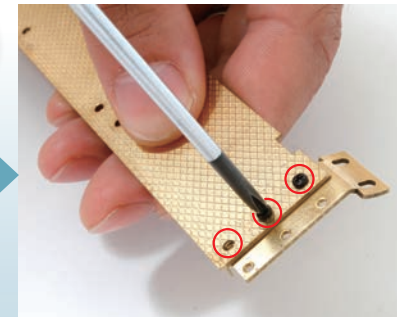
## Assembling the running board 1



Align the highlighted holes of the front left running board, the side plate and stay B, in that order.

Make sure the three adjacent holes of stay B are still visible.

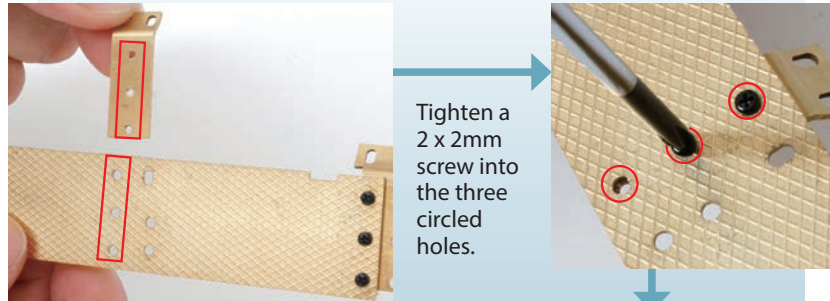
Tighten a 2 × 2mm screw into each of the three holes.





## 2

### Assembling the running board 2



Tighten a 2 x 2mm screw into the three circled holes.

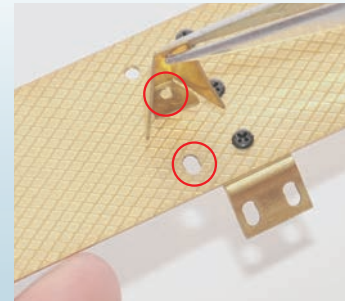
Place stay A behind the running board, aligning the highlighted holes of both.

Check your running board against the one shown here to confirm that the stays are in the correct positions.



## 3

### Fitting the pipe covers



Align the hole of the small pipe cover with the circled hole on the running board.

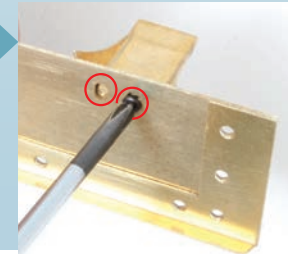


Align the holes of the large pipe cover with the two circled holes on the running board.

Tighten a 2 x 3mm screw into the hole from underneath, securing the small pipe cover to the running board.

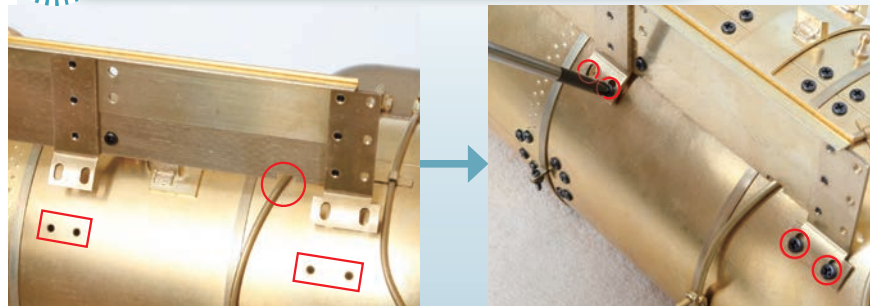


Screw 2 x 3mm screws into the two holes in the running board from underneath.



## 4

### Fitting the running board



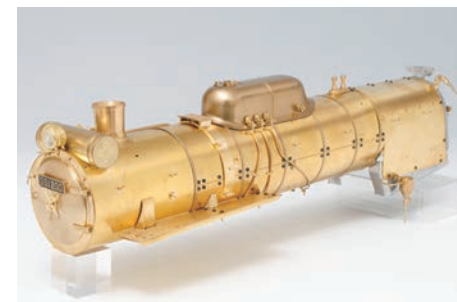
Align the holes of the stays with the two pairs highlighted, at the front left of the boiler. Position the cut-out in the running board over the sand pipe (circled).



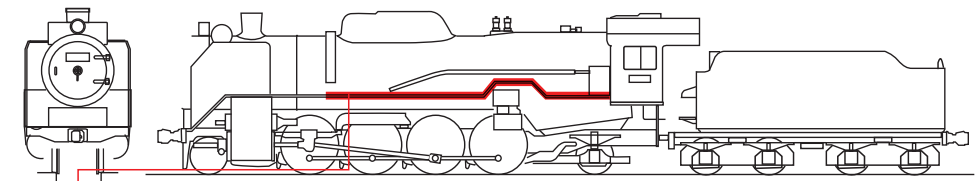
Tighten a 2 x 3mm screw into each of the holes in the two stays (circled).

Loosen the screws holding the pipe covers in place, adjust the position of the covers so they fit closely to the boiler, then re-tighten the screws.

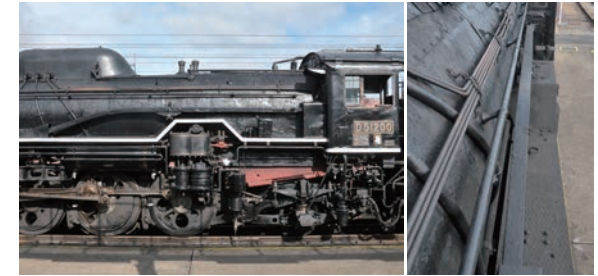
### Assembled parts



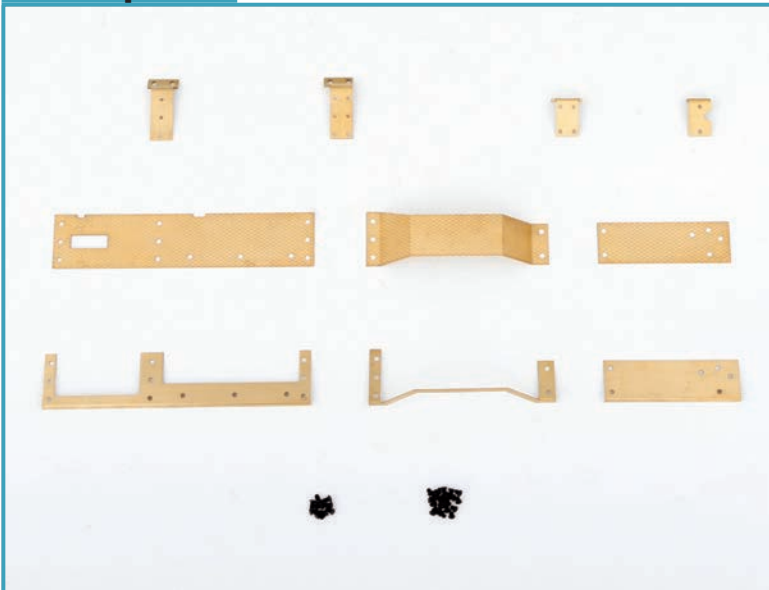
# The left running board



The left running board



## Your parts



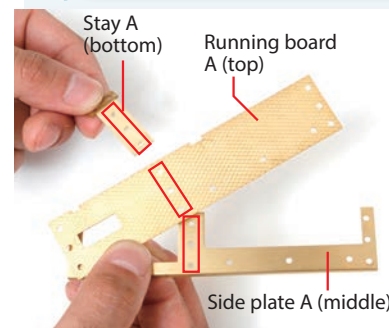
|                      |                       |
|----------------------|-----------------------|
| Stay A               | Side plate A          |
| Stay B               | Side plate B          |
| Stay C               | Side plate C          |
| Stay D               | Screws (2 × 3mm) × 9  |
| Left running board A | Screws (2 × 2mm) × 20 |
| Left running board B |                       |
| Left running board C |                       |

### Required tools

Phillips screwdriver

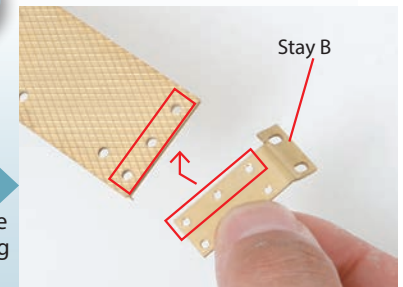
1

## Assembling the running board 1

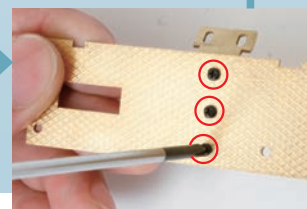


Align the highlighted holes of left running board A, side plate A and stay A, in that order.

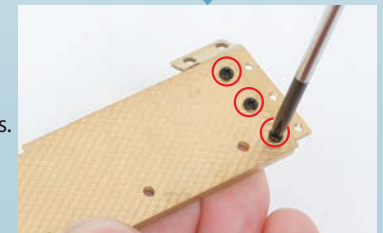
Place stay B behind the running board, aligning the highlighted holes of both.



Tighten a 2 × 2mm screw into each of the three holes.



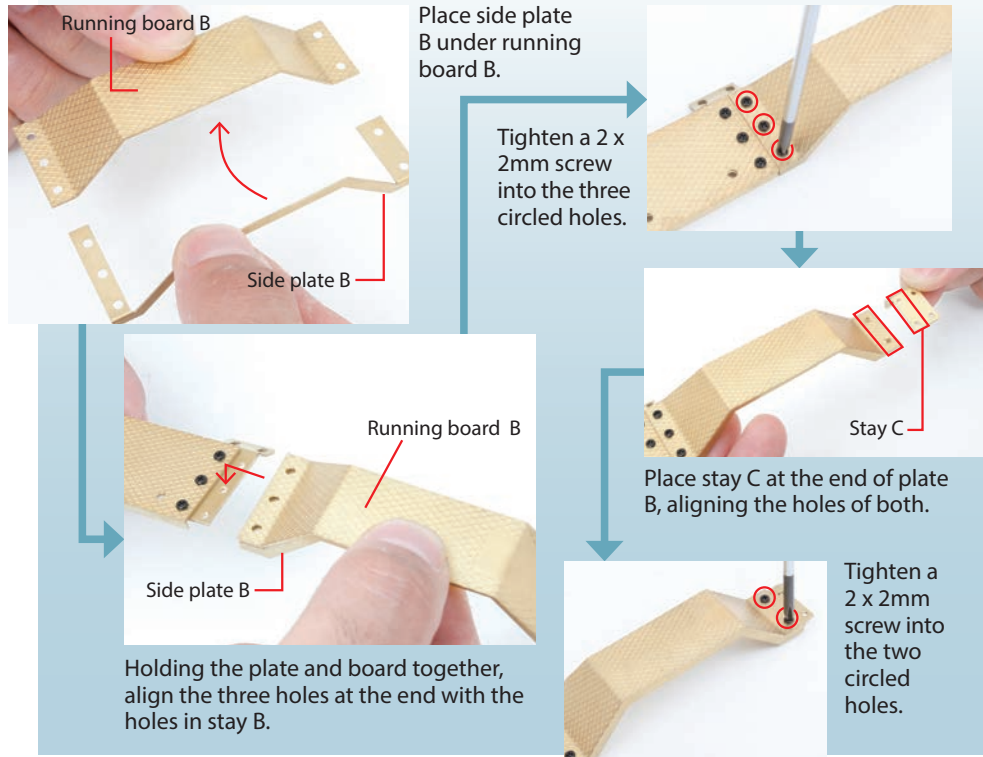
Tighten a 2 × 2mm screw into the three circled holes.





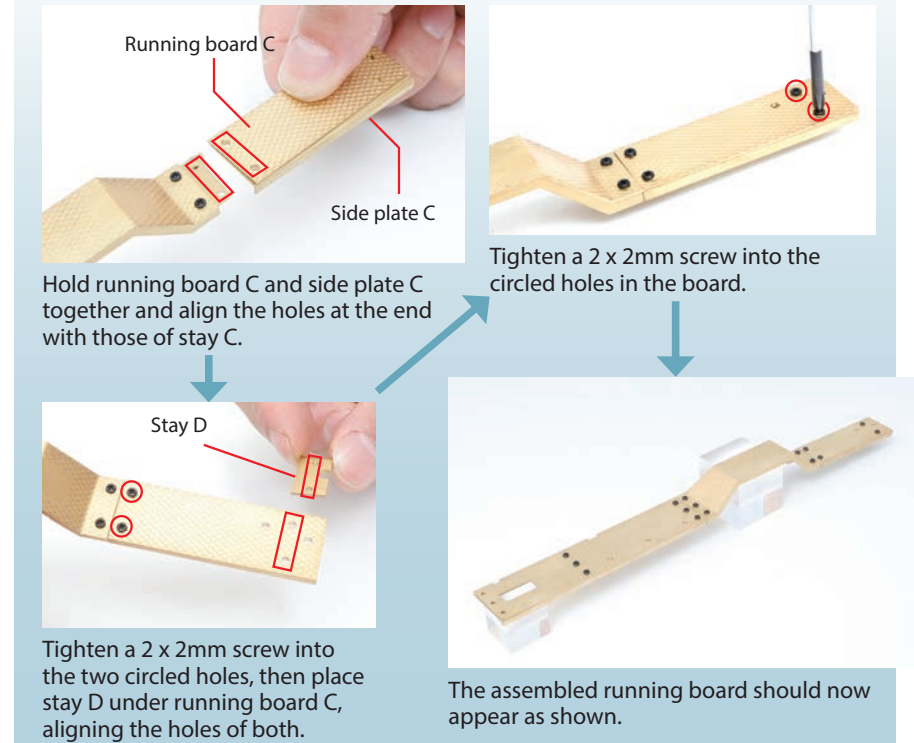
## 2

### Assembling the running board 2



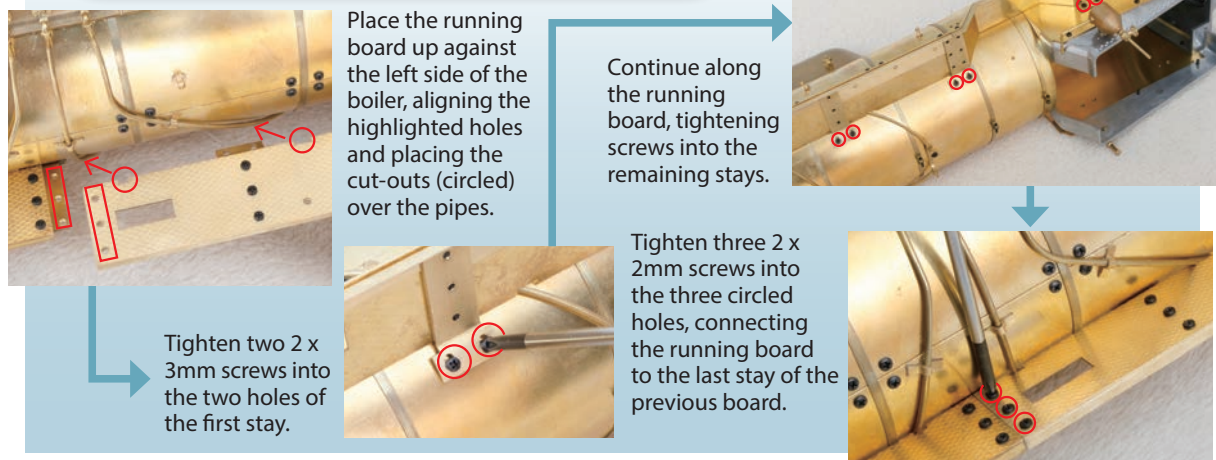
## 3

### Assembling the running board 3



## 4

### Fitting the running board



### Assembled parts

