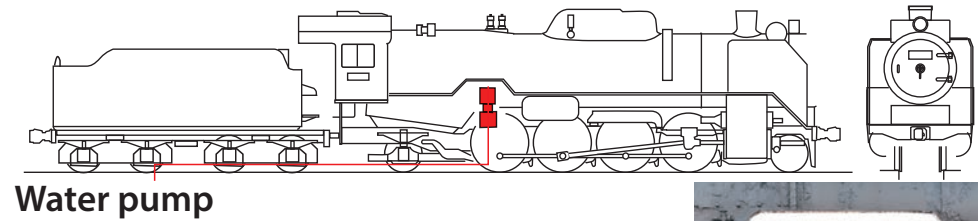
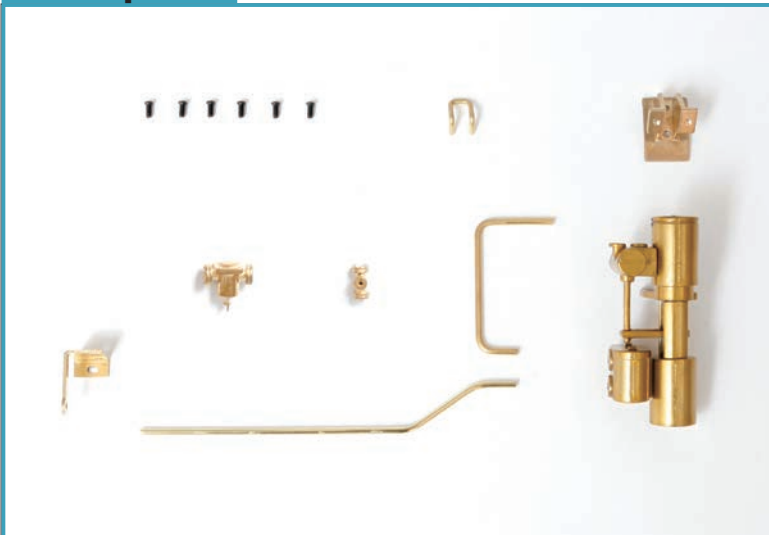


# The water pump



## Your parts



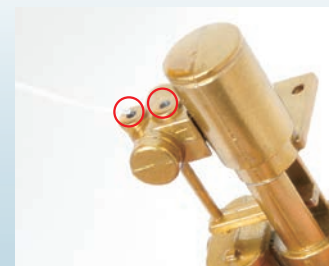
Water pump  
Water pump support  
Steam pipe  
Water pipe  
Water supply pipe  
Fire hydrant  
Filter  
Water pipe support  
Screws (2 × 4mm) × 6

### Required tools

Phillips screwdriver  
Instant adhesive  
Tweezers

# 1

## Fitting the pipes

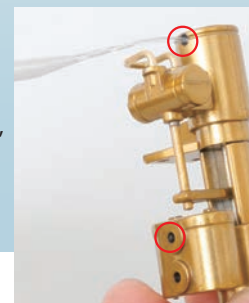


Locate the two circled holes at the top of the water pump. Place a small amount of instant adhesive in each.

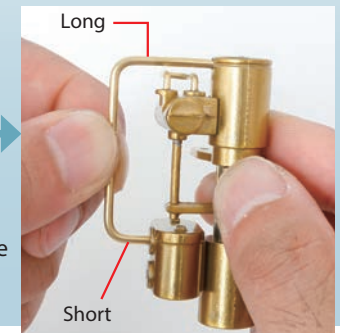
Insert the two ends of the steam pipe into the two holes.



Apply glue to the hole at the top of the pump and the upper hole of the pair at the bottom, both circled.

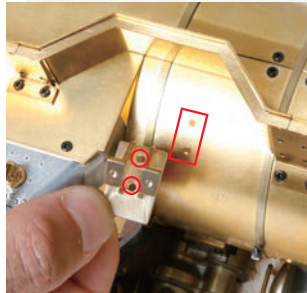


Insert the shorter side of the water pipe into the lower hole and the long side into the hole at the top.



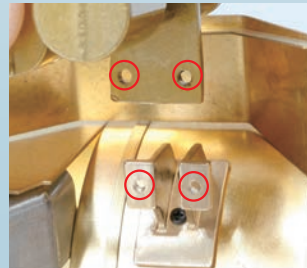
## 2

### Fitting the water pump



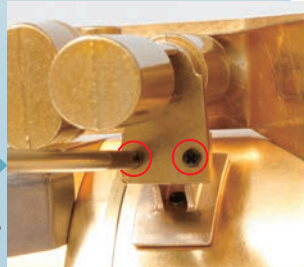
Place the water pump support onto the right side of the boiler, aligning the holes of both.

Tighten a 2 x 4mm screw into each hole.



Place the projection of the water pump with two holes in it below the support, aligning the holes of both.

Tighten a screw into the two holes from below.

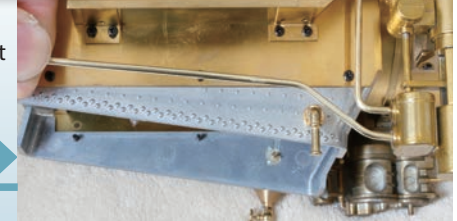


## 3

### Fitting the water supply pipe

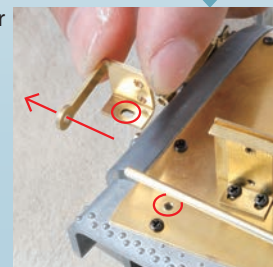


Place a small amount of instant adhesive into the lowest hole on the water pump.

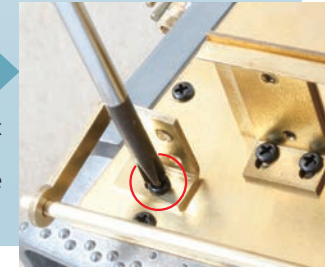


Insert the water supply pipe into the hole in the pump. Make sure the angled area in the pipe doesn't lean in or out.

Slide the water pipe support over the end of the water supply pipe until you can align the two circled holes.

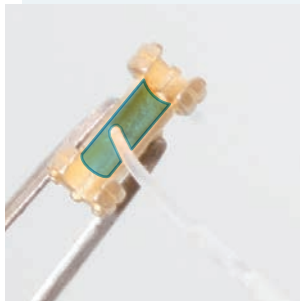


Tighten a 2 x 4mm screw into the hole to secure.



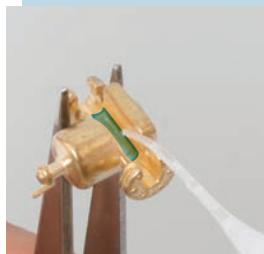
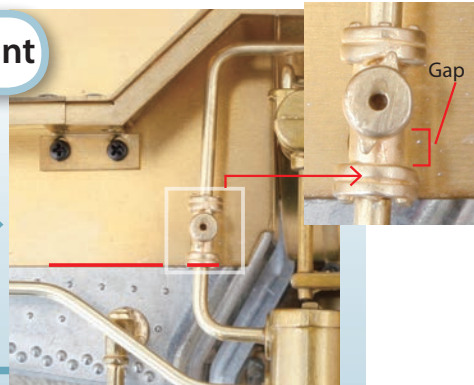
## 4

### Fitting the filter and fire hydrant



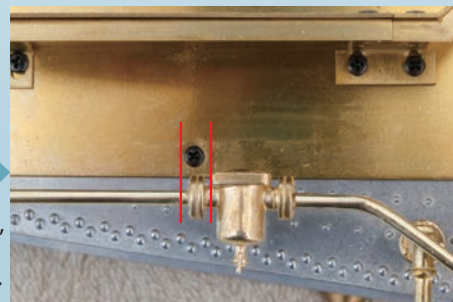
Apply some instant adhesive to the back of the fire hydrant, in the shaded area.

Place the fire hydrant over the water pipe, positioned as shown in the inset and with the bottom edge in line with the bottom of the firebox.



Apply glue to the shaded area at the back of the filter.

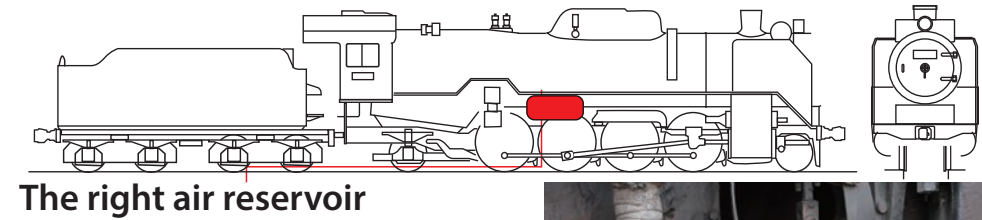
Glue the filter onto the water supply pipe, aligning the left side with the screw above.



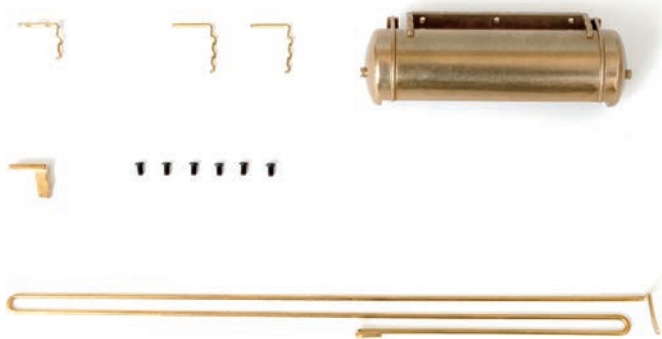
### Assembled parts



# The right air reservoir and cooling tube



## Your parts



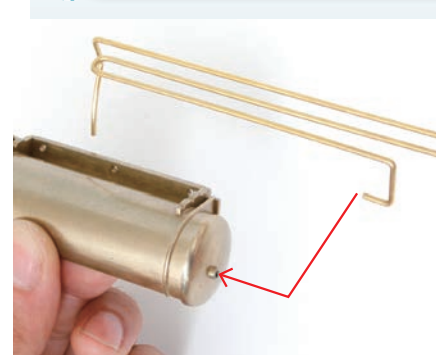
Right air reservoir  
Cooling tube  
Bracket A × 2  
Bracket B  
Bracket C  
Screws (2 × 3mm) × 6

### Required tools

Phillips screwdriver  
Instant adhesive

# 1

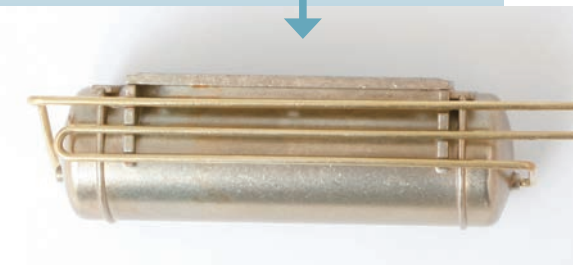
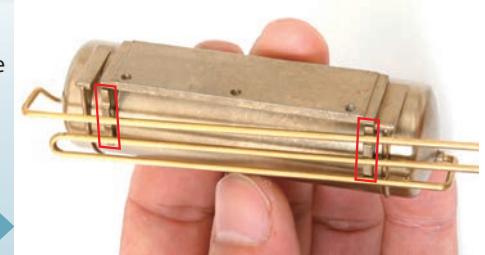
## Assembling the cooling tube and reservoir 1



Hold the right air reservoir and insert the end of the cooling tube, following the direction of the arrow.

The cooling tube and reservoir should now look like this.

When the tube has been inserted into the reservoir, fit the long sections of the tube into the grooves on the side.



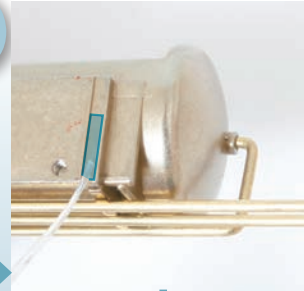


## 2 Assembling the cooling tube and reservoir 2



Holding the tube in place, apply some instant adhesive to the highlighted point at the top of the reservoir.

Apply instant adhesive to the highlighted area on top of the reservoir.

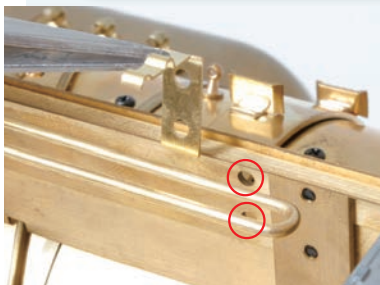


Glue one of the A brackets to the top of the reservoir, positioning it over the tube to hold it in place.

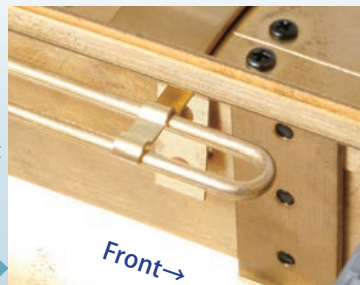


Glue the second A bracket into position on the reservoir.

## 4 Fitting the brackets

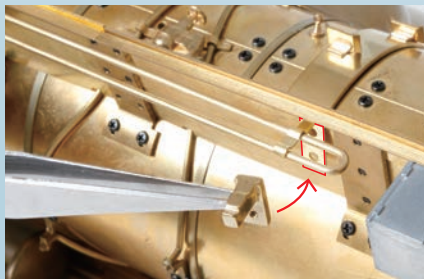


Locate the circled holes in the running board near the looped end of the tube, and place bracket B there, between the board and the tube.



The pipe should be held in the bracket, as shown.

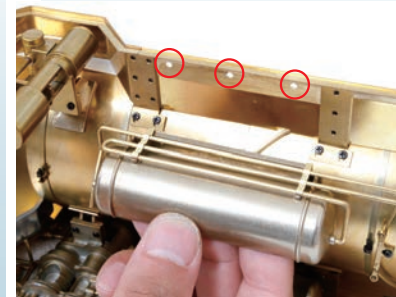
Place bracket C underneath the running board and bracket B behind the tube.



Tighten a 2 x 3mm screw into the circled holes, securing the two brackets.

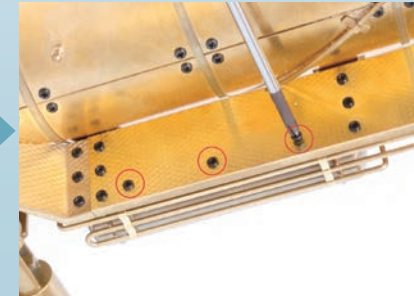


## 3 Fitting the reservoir



Locate the three circled holes along the right running board in front of the water pump. Align the three holes at the top of the reservoir with them.

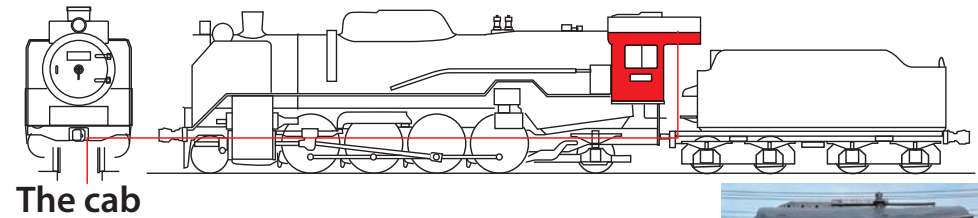
Tighten a 2 x 3mm screw into each of the holes (circled).



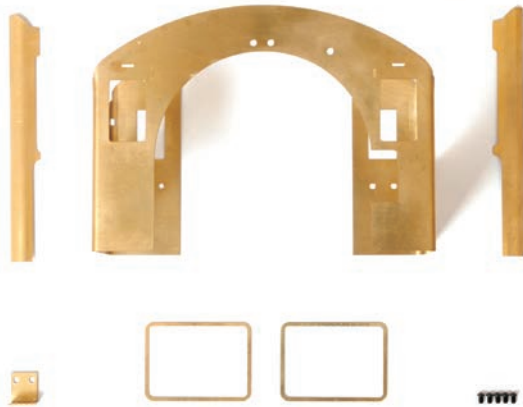
## Assembled parts



# The cab



## Your parts



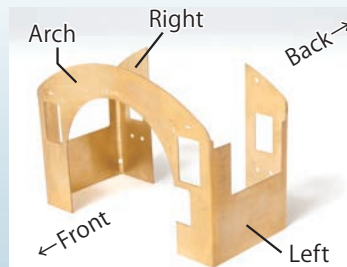
Cab  
Cab top left  
Cab top right  
Outer window frames × 2  
Stay  
Screws (2 × 3mm) × 5

### Required tools

Phillips screwdriver  
Instant adhesive  
Adhesive tape

# 1

## Assembling the cab

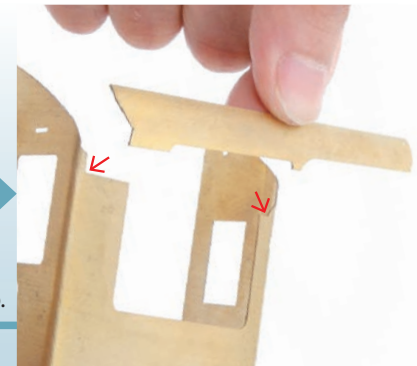


Identify the front, back, left and right sides of the cab.

Place the top left cab part into position on the left side of the cab.

The lower part of the top left cab should fit in with the top of the left cab (circles).

Temporarily hold the top left cab in position at the front with tape.

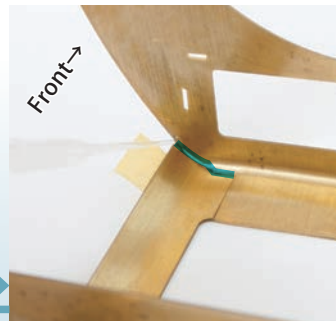




## 2 Fitting the cab tops



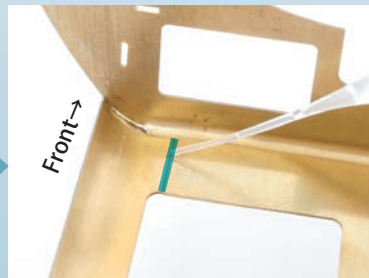
Apply instant adhesive to the join between the top left and the cab at the back.



Then apply glue to the join between the front of the top left piece and the front of the cab.

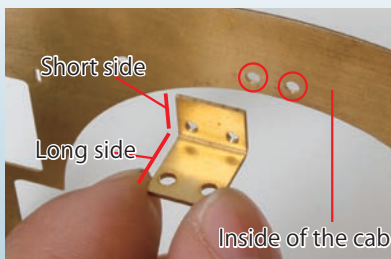


When the glue has dried, remove the tape holding the top left piece in place.

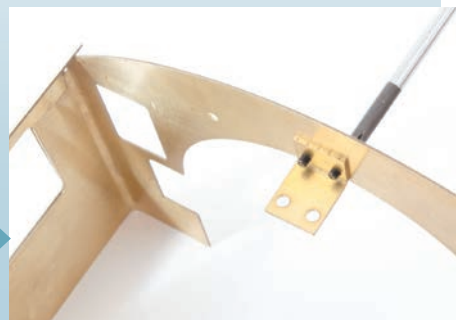


Apply glue to the bottom edge of the top left piece to fix it to the cab. Repeat this process to fix the top right piece in place.

## 4 Fitting the stay



Align the holes on the short side of the stay with those at the front of the cab.

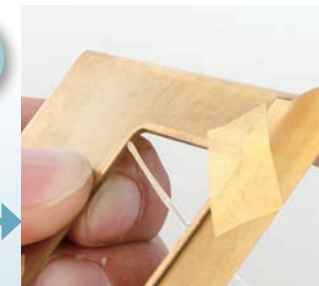


Tighten a 2 x 3mm screw into each of the two holes.

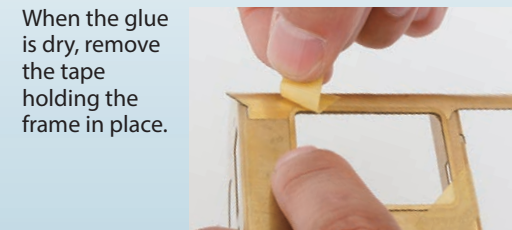
## 3 Fitting the windows



Temporarily hold the left outer window frame in place with tape.



Apply glue to the seam between the frame and the side of the cab.



When the glue is dry, remove the tape holding the frame in place.

### Tip!

Be careful when handling the cab as the joins are likely to be weak.

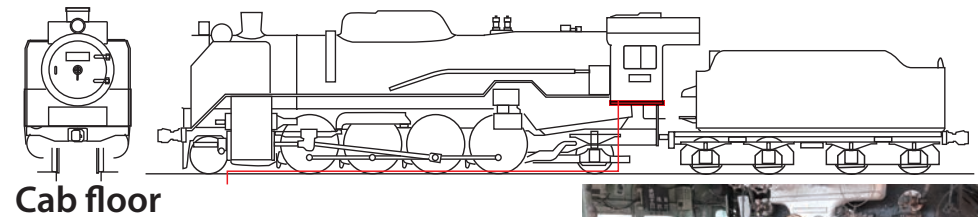


Apply more glue to the areas of the seam that were obstructed by the tape. Repeat for the right side frame.

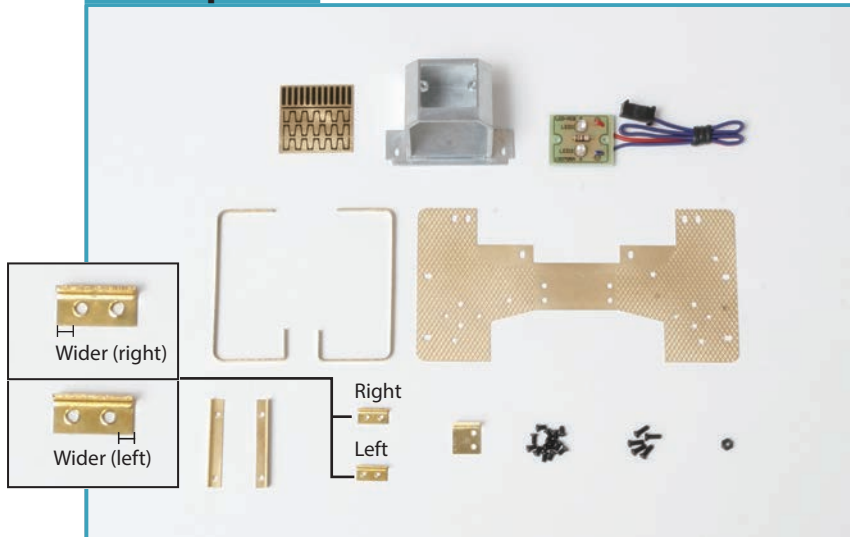
## Assembled parts



# The cab floor



## Your parts



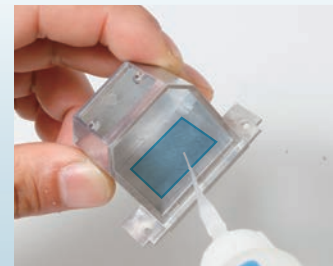
Cab floor (upper)  
Firebox  
Grate  
LED board  
Floor edging × 2  
Stay A × 2  
Stay B (left and right)  
Stay C  
Screws (2 × 3mm) × 13  
Screws (2 × 5mm) × 5  
Nut

### Required tools

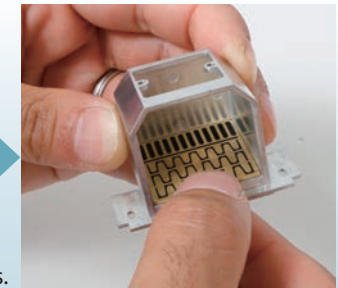
Phillips screwdriver  
Instant adhesive

# 1

## Assembling the firebox



Apply glue to the shaded area of the firebox.

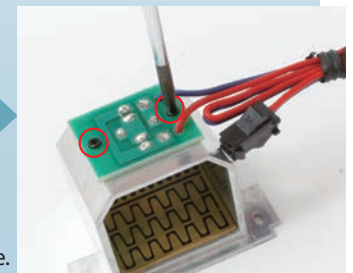


Insert the grate into the firebox and push down onto the floor. Hold in place while the glue sets.

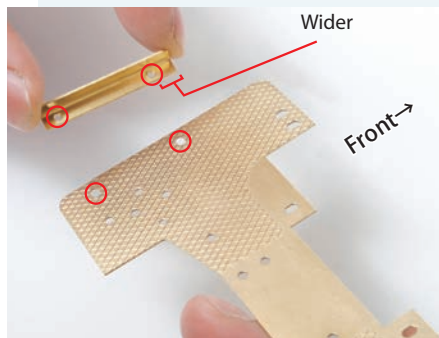
Place the LED board over the hole at the top of the firebox, aligning the holes of both.



Tighten a 2 × 5mm screw into each hole.



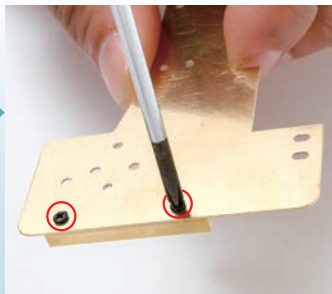
## 2 Fitting the A stays



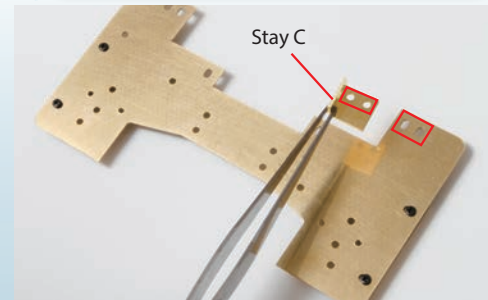
Place the first A stay on the left side of the cab floor, aligning the holes of both, with the larger space at the front.

Repeat for the second A stay on the right side of the floor.

Turn the floor over and screw the stay in place with 2 x 3mm screws.

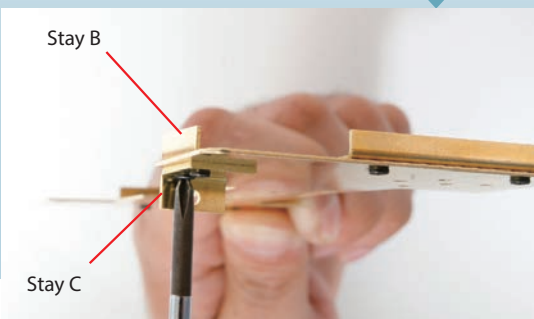


## 3 Fitting the stays

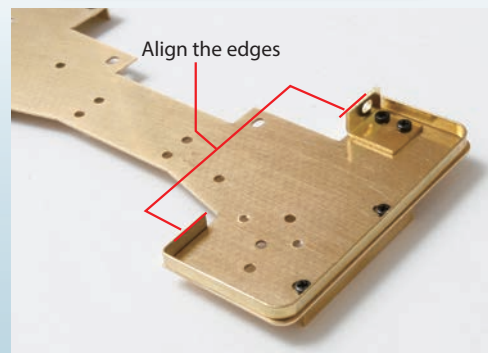


Turn the cab floor over and place stay C at the front of the left side, aligning the highlighted holes.

Place stay B (left) on top of the floor, aligning the holes with those highlighted in the previous step. Tighten a 2 x 3mm screw into each hole.

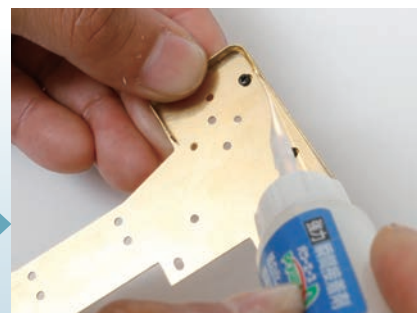


## 4 Fitting the edging



Turn the cab floor over so the underside is facing up. Place the edging on the left side, as shown, and align the inner edge with the edge of the floor.

Glue the second edging onto the right side of the cab floor, in the same way as the left.



Holding the edging in place, apply instant adhesive to the join between it and the floor.



### Assembled parts

