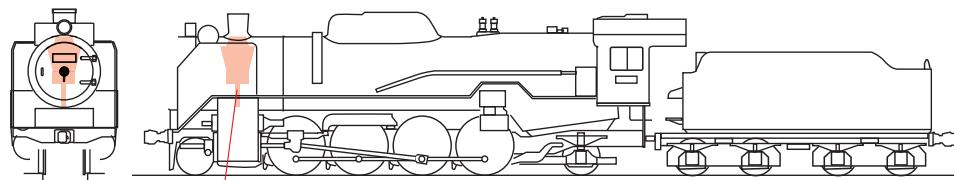


# Spark arrester and blast pipe



Spark arrester and blast pipe



## Your parts



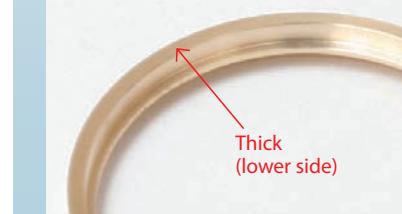
- Spark arrester lip
- Spark arrester mesh (flared)
- Spark arrester ring
- Spark arrester mesh (cylindrical)
- Spark arrester base
- Blast pipe
- 2 x 4mm screws x 5

## Required tools

- Tweezers
- Phillips screwdriver
- Instant adhesive

1

## Checking the parts



Before assembling the spark arrester, you need to identify the differences between the two sides of the ring. On one side, the outer edge is thin and on the other side it is much thicker. The ring fits onto the narrow end of the flared mesh.

Test-fit the ring in place on the narrow end of the flared mesh to more easily identify the correct orientation of the ring.

Correct orientation (thick side up)



Incorrect orientation (thin side up)



## 2 Assembling the spark arrester



Apply instant adhesive to the groove on the upper side of the spark arrester ring.



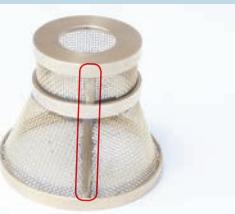
Fit the ring at the narrow end of the flared mesh. If the bond between the two is weak, apply more adhesive to the join.



Apply some instant adhesive to the inside edge of the base (red line), as shown.



Apply adhesive to the lower side of the ring and fix the open side of the cylindrical mesh into it. Before the glue dries, adjust the positions of the parts so that the weld lines are aligned (circled).



Apply adhesive to the inside of the ring at the wide end of the flared mesh, and place the lip inside the ring, as shown.

## 3 Fitting the spark arrester



As shown in the photo, place the blast pipe into the base of the spark arrester. Though they are not glued together, this is necessary to be able to secure the blast pipe in place.

Position the smokebox assembly upside down. Apply adhesive to the lip on the underside of the chimney. You may prefer to use epoxy adhesive.



Fit the spark arrester assembly over the underside of the chimney, positioning the lip over the bottom of the chimney and slotting the assembly into place.

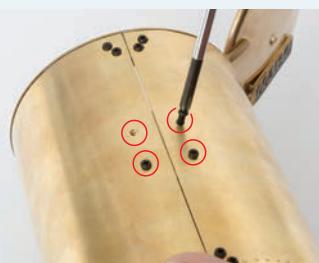


If you can't keep the smokebox held upside down, you will need to hold the spark arrester in place while the adhesive dries. Be careful not to press too hard as this may warp the mesh.

## 4 Fitting the blast pipe



When the spark arrester is glued in place, turn the smokebox assembly around to drop the blast pipe into place. Hold the blast pipe in position and turn the smokebox over again.

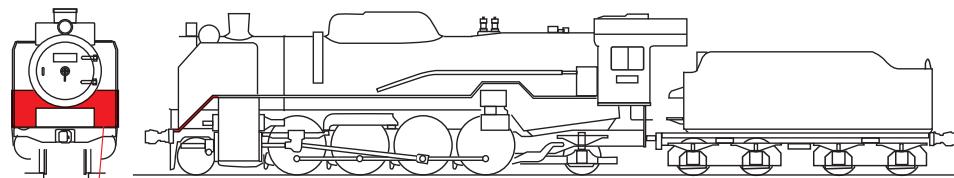


Align the four holes of the blast pipe with those on the underside of the smokebox (circled) and tighten a screw into each.

## Completed parts



# Front deck



Front deck



## Your parts



Front deck edges × 2

Front deck

Front deck base

### Required tools

Clamps x 3  
Instant adhesive  
Contact adhesive  
Phillips screwdriver

### You may also want to use:

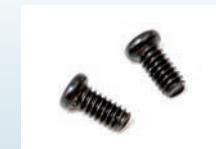
The two screws left over from  
Stages 2 and 5

1

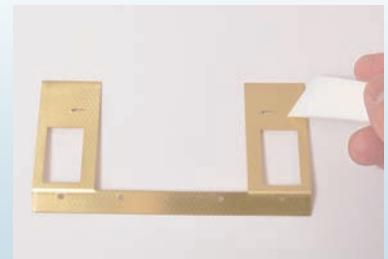
### Assembling the front deck



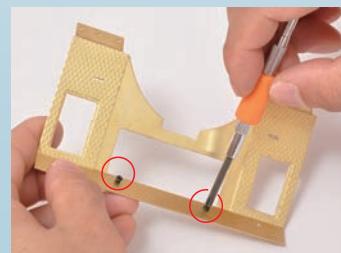
Place the front deck onto the base,  
to check the positioning.



To help you hold  
the two front deck  
parts together,  
you may want to  
use the left-over  
screws from Stages  
2 and 5.

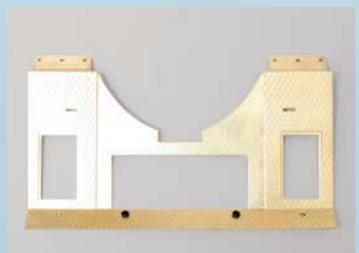


Coat the back of the front deck with  
contact adhesive.



Place the front deck  
onto the base, and  
secure it in place with  
the screws.

The screws will be  
removed when the glue  
has dried, but they are  
used here to keep the  
two parts aligned.



## 2

### Fitting the front deck



Clamp the area next to the screws, as shown above.



Clamp the left and right sides of the deck as well.

## 3

### Positioning the front deck



Make sure that there are no gaps in the seam between the two parts of the front deck.



Keep the assembly held in the clamps until the adhesive is dry. When dry, remove the clamps and the screws.

## 4

### Fitting the edges



Hold the front deck and one of the edge parts, as shown, and test-fit together, with the edge behind the deck top.



Apply instant adhesive along the seam between the two parts of the front deck, at the side.

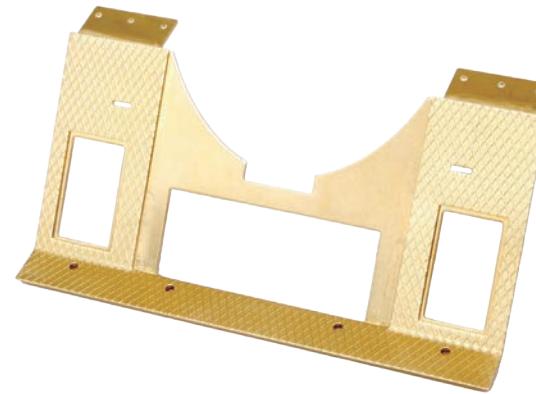


Place the edge piece along the seam and hold in position until the adhesive has dried.

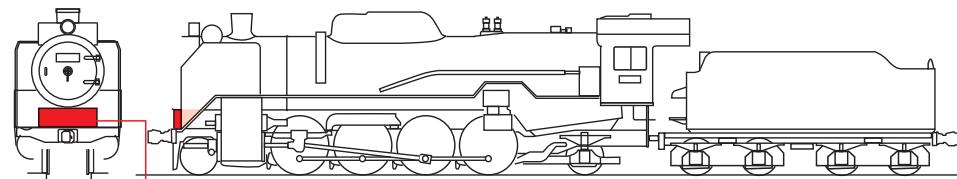


Glue the second edge piece to the other side. When dry, apply some more glue, as shown, to increase the strength of the bond.

### Completed parts



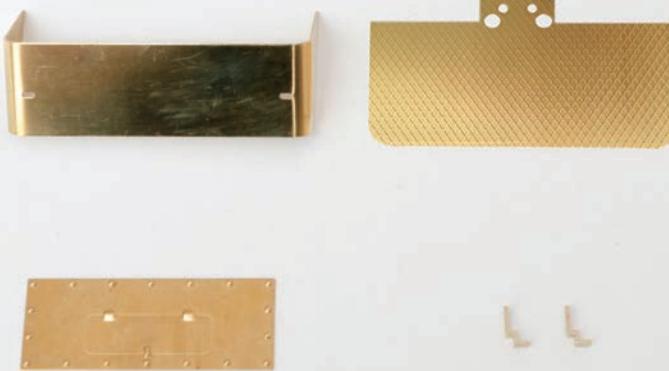
# Maintenance hatch and lamp hooks



Maintenance hatch and lamps hooks



## Your parts



Maintenance hatch  
Maintenance hatch upper surface  
Maintenance hatch front cover  
Lamp hooks x 2

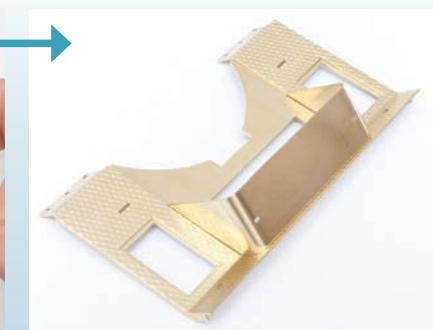
**Required Tools**  
Tweezers  
Instant adhesive  
Contact adhesive

**1**

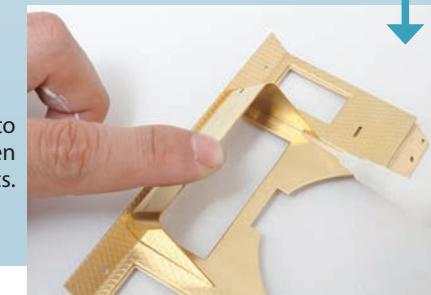
## Fitting the maintenance hatch



Place the front deck, assembled in Stage 6, as shown, and hold the maintenance hatch above it.



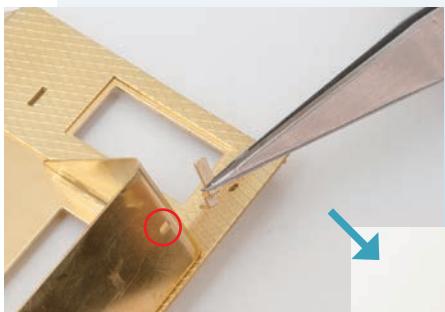
Place the maintenance hatch onto the front deck, in the central area.



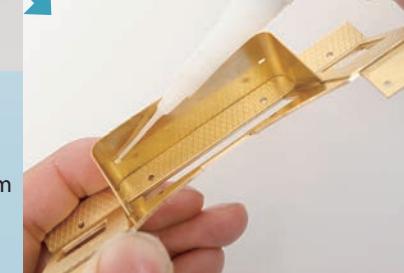
Apply instant adhesive to the inner seam between the two parts.

## 2

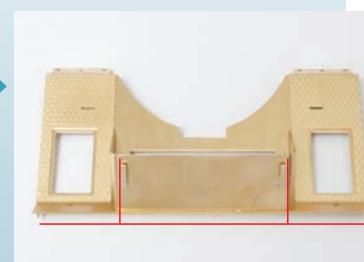
### Lamp hook mounting



Hold one of the hooks with tweezers, as shown in the photo on the left, and place it into the hole on the front of the hatch.



Holding the hook in place, apply a small amount of instant adhesive to the hole from the inside of the hatch. Repeat this process for the second hook.



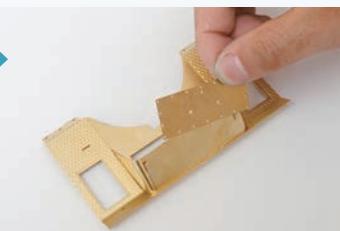
Before the adhesive dries, adjust the positions of the hooks so that they appear at right angles, as in the above photo.

## 3

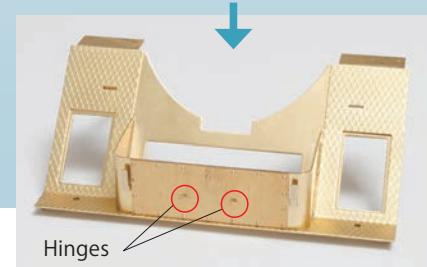
### Installing the front cover



Hold the front cover with the projections facing away from you. Then apply instant adhesive to the back of the front cover.



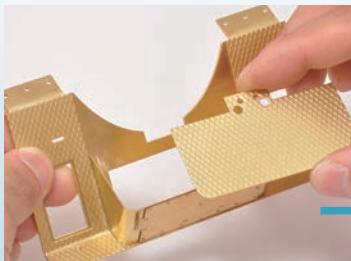
Place the front cover on the front of the hatch, between the hooks.



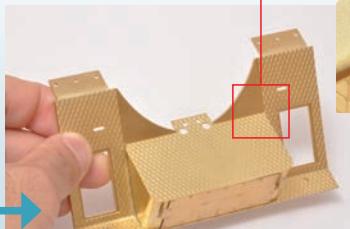
Check that you have the front cover in the correct orientation, with the hinges slightly below the middle, as in the photo.

## 4

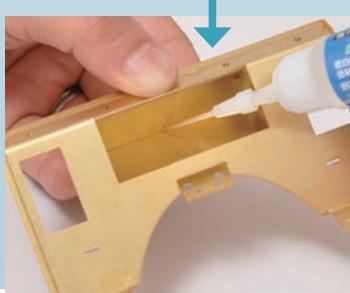
### The hatch upper surface



Place the hatch upper surface on top of the hatch.

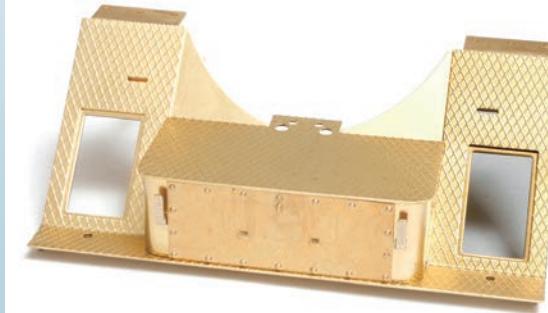


As highlighted in the inset, the upper surface will overlap the sides slightly. Turn the assembly over, holding the upper surface in place.

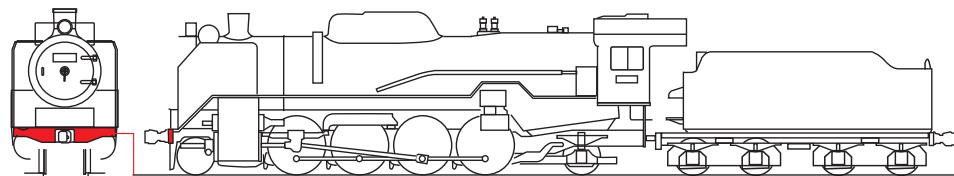


Apply instant adhesive to the seam between the assembly and the upper surface.

Completed parts



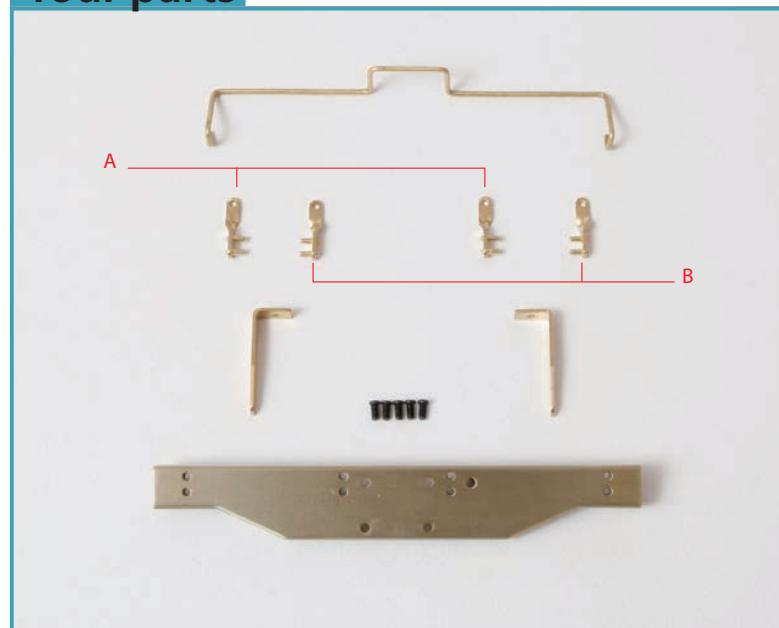
# Release lever, front-end beam and guard irons



Release lever, front-end beam and guard irons



## Your parts



Release lever bar  
Release levers A x 2  
Release levers B x 2  
Right guard iron  
Left guard iron  
2 x 4mm screws x 5  
Front-end beam

**Required Tools**  
Phillips screwdriver  
Instant adhesive  
Contact adhesive  
Epoxy adhesive

1

## Assembling the release lever

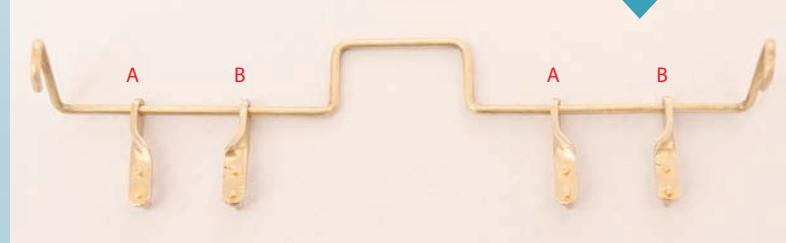
Lay out the release lever parts A and B, as shown, to identify the different directions of the twist (circled).



Test-fit all of the release lever parts A and B on the release lever bar.



Position the release lever parts on the bar, as shown in the photo. Make sure the projections on the parts A and B are pointing down, with the hooked ends of the bar facing towards you.

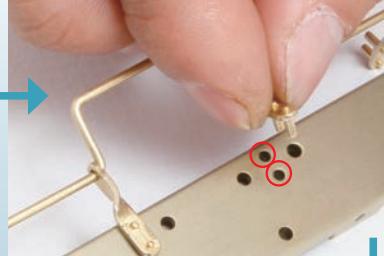


## 2

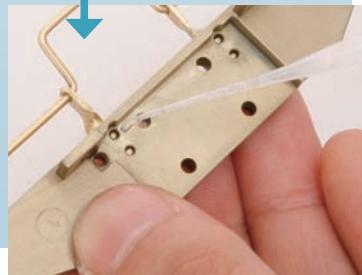
### Installing the release lever



Apply a small amount of contact adhesive or epoxy to the two projections on the release lever parts (A and B).



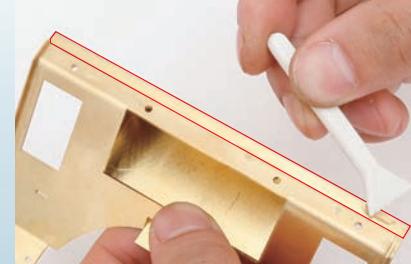
When all the projections are fitted into their corresponding holes, turn the assembly over and apply glue to the backs of the holes to secure.



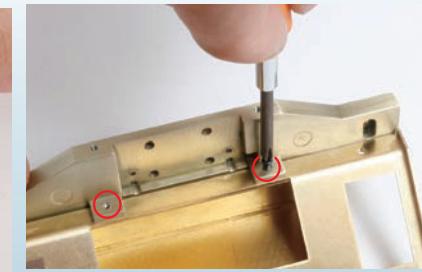
Hold the release lever bar over the front-end beam, lining up the parts A and B with the pairs of holes (circled). Push the glued projections into the holes, using the assembled parts photo for reference.

## 3

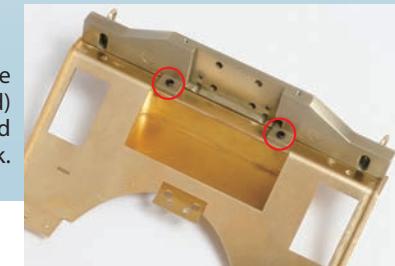
### Installing the front-end beam



Apply epoxy adhesive to the highlighted area (red lines) of the front deck.



Place the front-end beam on this area, aligning the holes (circled).

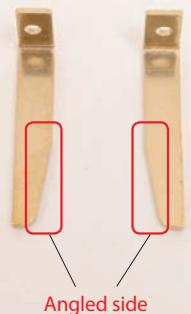


Fix a screw into each of the two aligned holes (circled) to secure the front-end beam to the front deck.

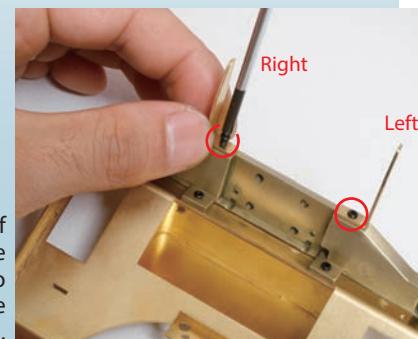
## 4

### Fitting the guard irons

Right      Left



Position the guard irons as shown, to identify the difference between the two pieces.



Apply a small amount of adhesive to the tops of the guard irons and screw into place on the underside of the front-end beam (circled).

Assembled parts

