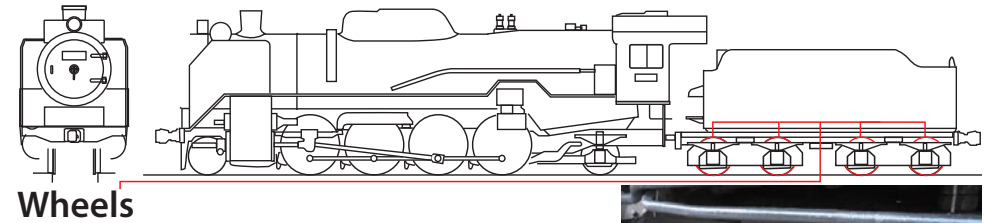


The tender trucks



Your parts



Wheels × 4
Bushes × 8

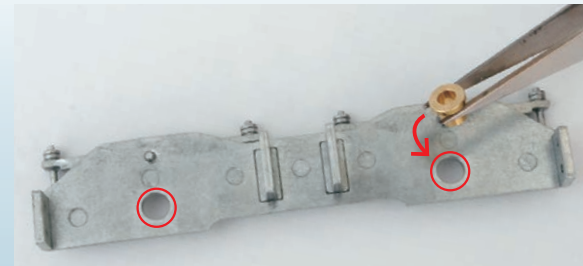
Required tools

Instant adhesive

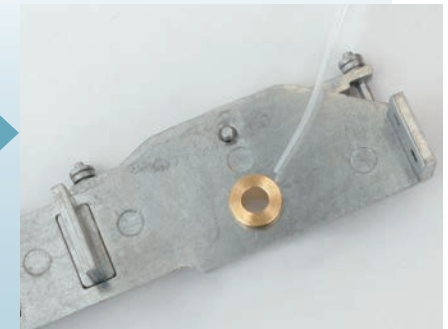
1

Fitting the bushes

Apply instant glue around the edges of the bushes to secure them.



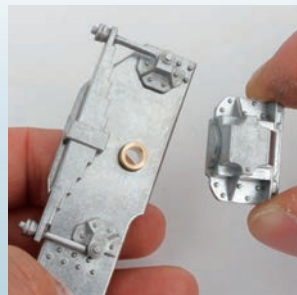
Insert a bush into each of the circled holes on the truck sides from Stages 75 and 76, as shown.



The four truck sides should now look like this.

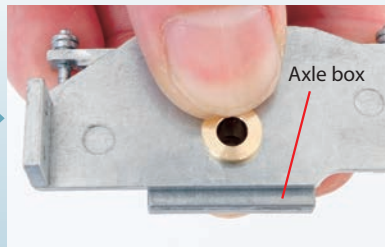
2

Fitting the axle boxes



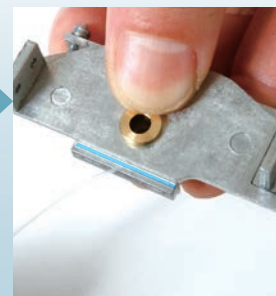
Take one of the axle boxes from Stage 75 or 76 and place it over one of the bushes on the outside of the truck side.

Glue the remaining axle boxes over the bushes of the four truck sides.



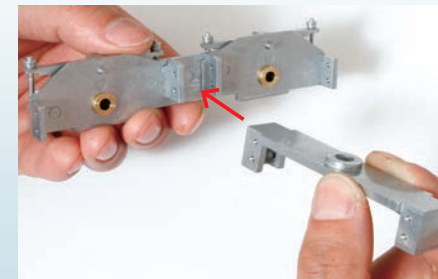
While holding the axle box in place, check that the bottom of it is aligned with the bottom of the truck.

Apply instant adhesive to the contact area between the axle box and truck side.



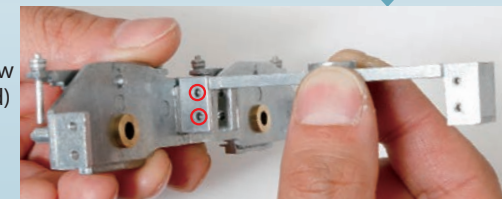
3

Fitting the mounting frame



Place the end of a truck mounting frame (Stage 75 or 76) between the two brackets on the inside of one of the truck sides.

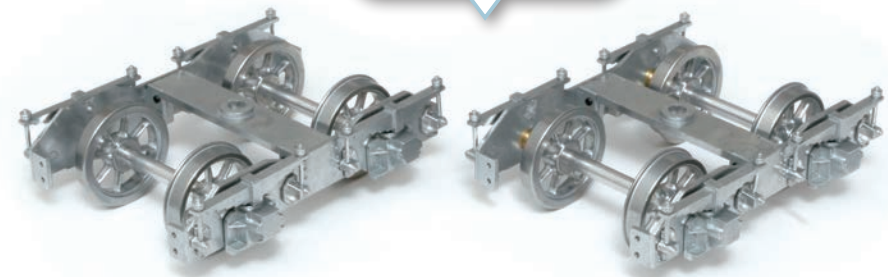
Position the two parts so that the screw holes (circled) are aligned.



Tighten a 2 x 4mm screw (Stage 75/76) into the two holes in both brackets to secure the mounting frame.

Repeat Steps 3 and 4 to make the second tender truck.

Assembled parts



4

Fitting the wheels



Insert wheels into the two bushes on the truck side, as shown.



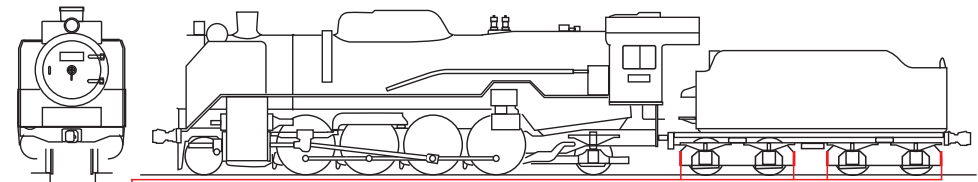
The truck assembly should now look like this.

Place a truck side onto the ends of the wheels and the mounting frame.



Tighten a 2 x 4mm screw (Stage 75/76) into the two holes in the brackets on either side of the mounting frame.

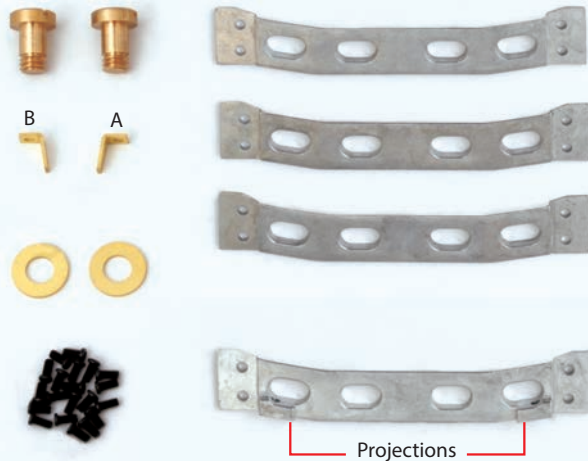
The tender trucks, continued



Transverse beams



Your parts



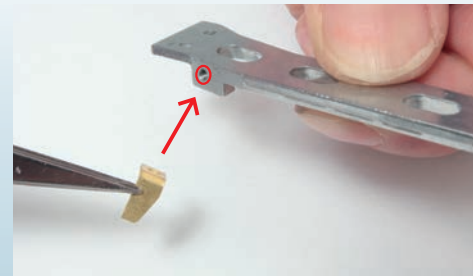
Transverse beams A × 3
Transverse beam B
Pivot screws × 2
Deflector A
Deflector B
Washers × 2
Screws (2 × 4mm) × 20
(set aside two for later use)

Required tools

Phillips screwdriver
Flathead screwdriver

1

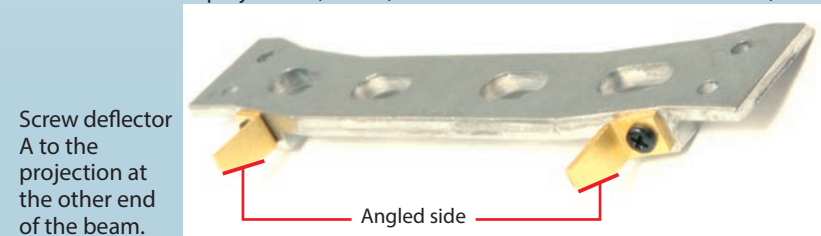
Fitting the deflectors



Hold transverse beam B with the projections facing down, and align the hole of deflector B with the hole in the projection (circled).



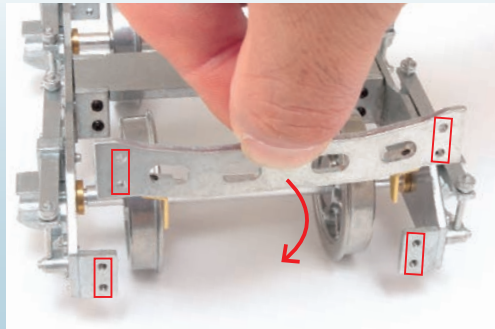
Turn the deflector so that it faces inwards and tighten a 2 × 4mm screw into the hole (circled).



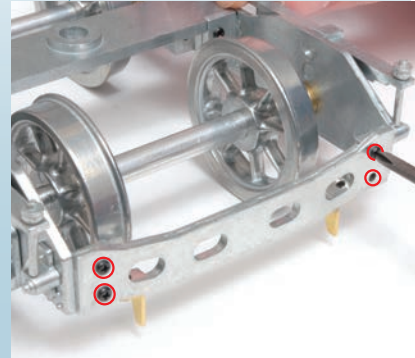
Screw deflector A to the projection at the other end of the beam.

Angled side

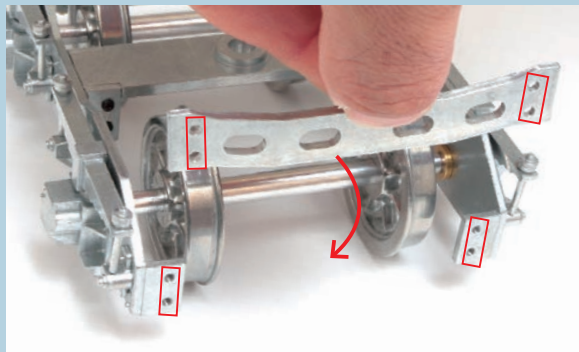
2 Fitting the end beams



Tighten a 2 x 4mm screw into the four circled holes.



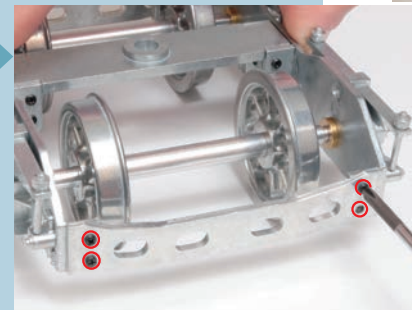
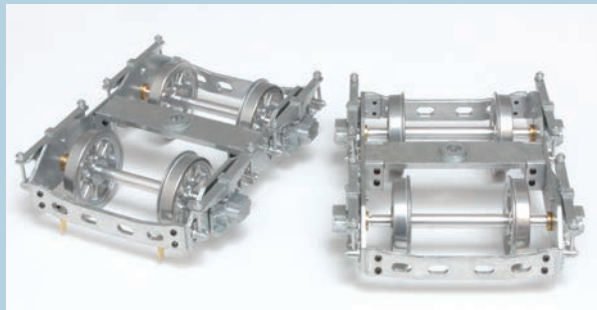
Turn the transverse beam around so that the deflectors are facing away from you. Then align the highlighted pairs of holes of the beam with those at the end of the second tender truck.



Hold one transverse beam A against the other end of the second tender truck, aligning the highlighted holes.

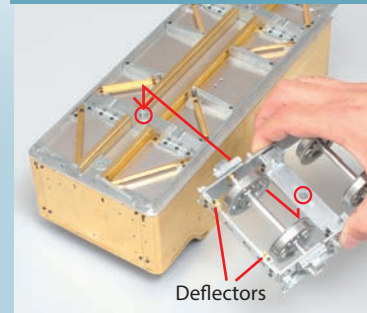
Tighten a 2 x 4mm screw into each of the circled holes.

Following the same process, attach the two remaining beams to the ends of the front truck.



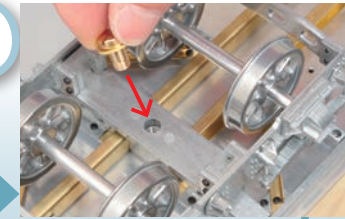
3 Fitting the trucks

This step shows you how to attach the trucks to the tender, but they shouldn't be fitted until after the next stage.



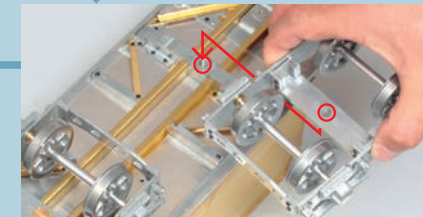
Place the tender upside down. Position the second truck at the rear of the tender, aligning the circled holes of both.

Tighten the remaining pivot screw into the aligned holes of the truck and the tender.



Insert one of the pivot screws into a washer and then the aligned holes of the truck and tender.

Tighten the screw into place.

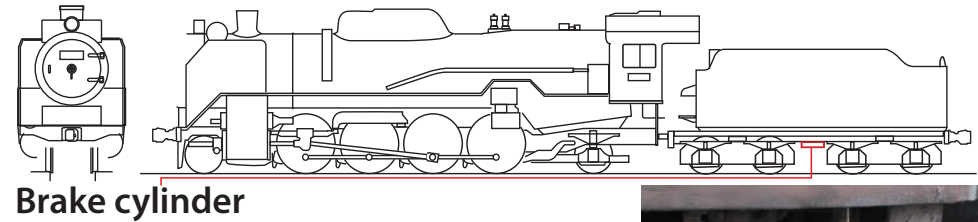


Place the first truck at the front of the tender, aligning the circled holes.

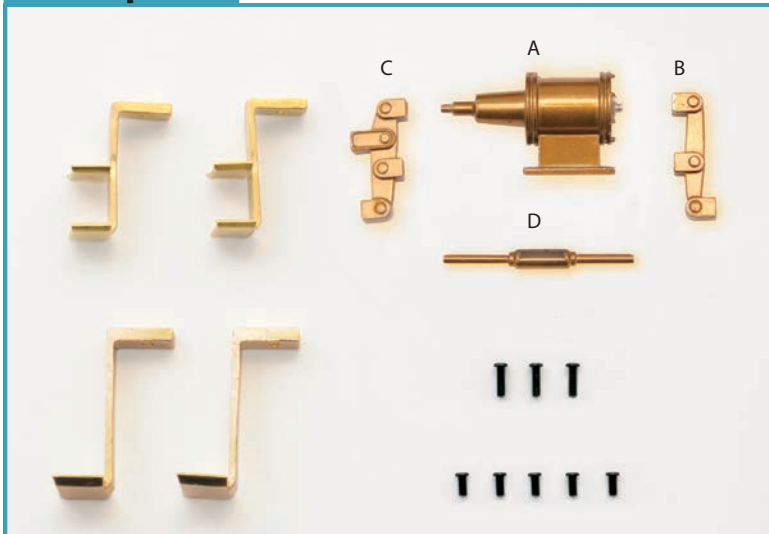
Assembled parts



The brake cylinder and steps



Your parts



Side steps × 2
Rear steps × 2
Brake cylinder part A
Brake cylinder part B
Brake cylinder part C
Brake cylinder part D
Screws (2 × 6mm) × 3
Screws (2 × 4mm) × 5

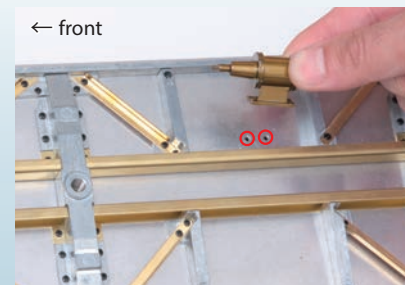
Required tools

Phillips screwdriver
Instant adhesive

1

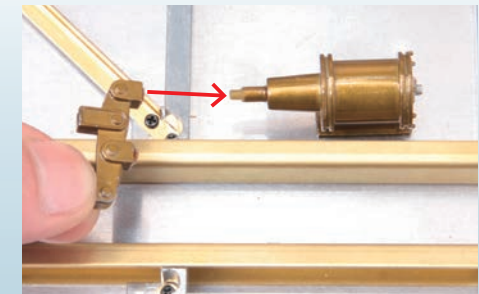
Assembling the brake cylinder 1

Place brake cylinder part C onto the tip of part A, as shown.

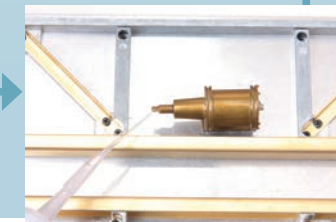


Align the two holes in the bottom of brake cylinder part A with the two in the middle of the tender base (circled).

Tighten a 2 × 4mm screw into each hole, from inside the tender.



Apply instant adhesive to the tip of brake cylinder part A.

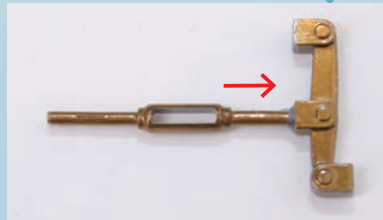
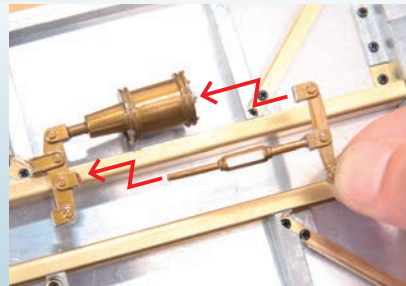


2 Assembling the brake cylinder 2



Apply a small amount of instant adhesive to the hole in the centre of brake cylinder part B.

Place the hole at the top of B over the projection of A, and the tip of D into the hole in the centre of C.



Insert brake cylinder part D into the hole in the centre of B, as shown.

Apply instant adhesive to the hole at the top of B and to the tip of D.



4 Mounting the rear step

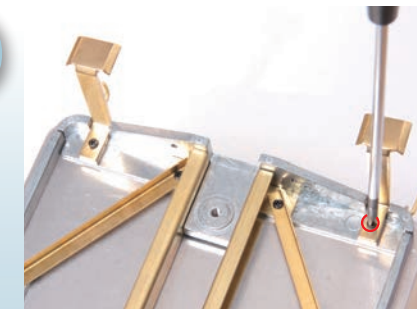


Place the rear step at the back of the tender, in the gap in the frame, aligning the holes of both.

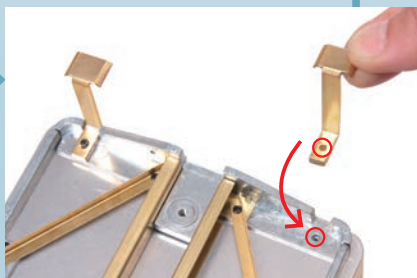


Tighten a 2 x 6mm screw into the hole (circled).

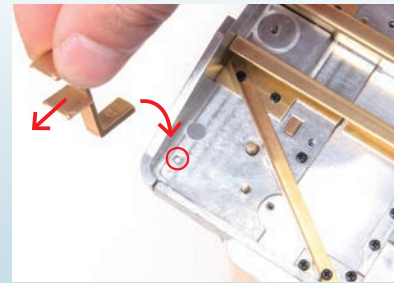
Fit the second rear step onto the opposite side of the tender, aligning the circled holes.



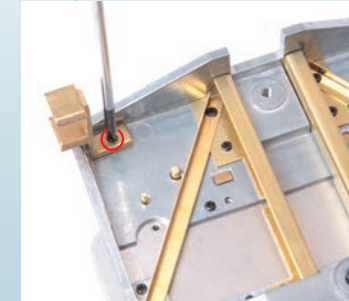
Tighten a 2 x 6mm screw into the circled hole.



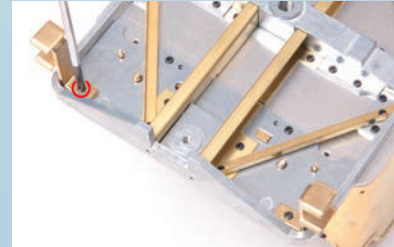
3 Mounting the side step



Align the hole in one of the side steps with the circled hole in the tender base. Make sure that the steps are facing outwards.

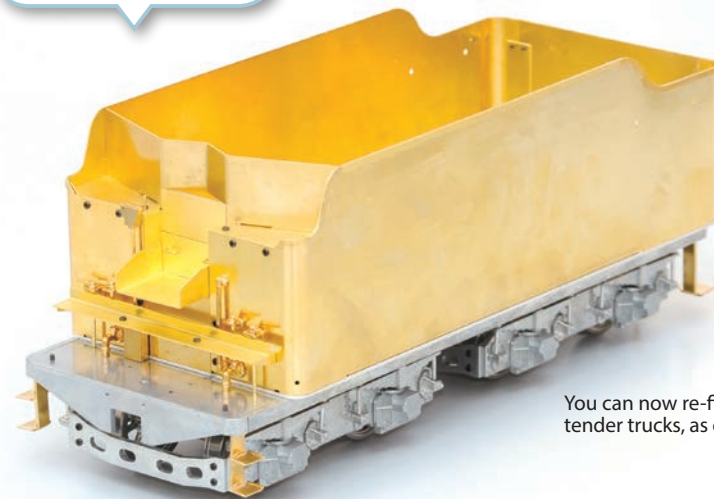


Tighten a 2 x 4mm screw into the hole.



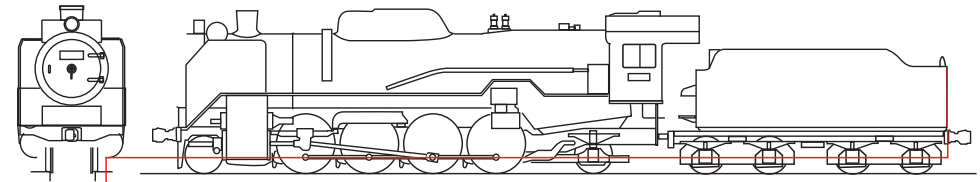
Screw the second side step into place on the opposite side of the tender.

Assembled parts



You can now re-fit the two tender trucks, as on page 161.

The tender rear wall



Tender rear wall



Your parts



Release lever bar
Lamp hooks × 3
Release levers × 4
Ladder brackets × 4

Required tools

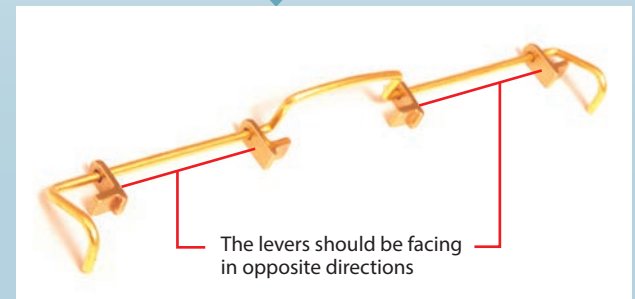
Instant adhesive

1

Assembling the release lever bar



Pass the four release levers along the lever bar. Use the following photo to check the positions of the levers.



The release lever bar and levers should now look like this. Place on a flat surface to check.

The levers should be facing in opposite directions

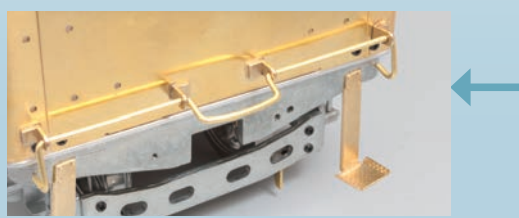
2 Fitting the release lever bar



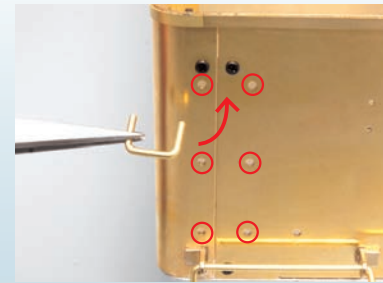
Locate the four highlighted holes on the rear wall of the tender. Hold the lever bar up and align the levers with the holes.

Repeat this for the remaining three levers.

Insert the end of the first lever into the first hole and apply instant adhesive to the lever from inside the tender.



3 Fitting the ladder brackets

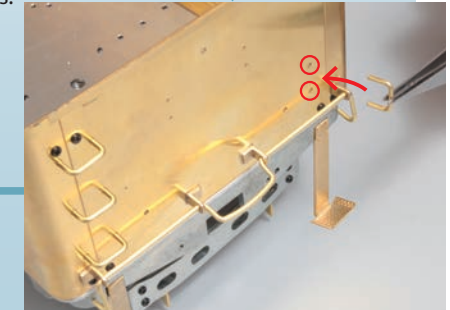


Place the ends of one of the ladder brackets into the top two circled holes.

Position the bracket so that it projects by about 5mm, then apply instant adhesive to the ends.

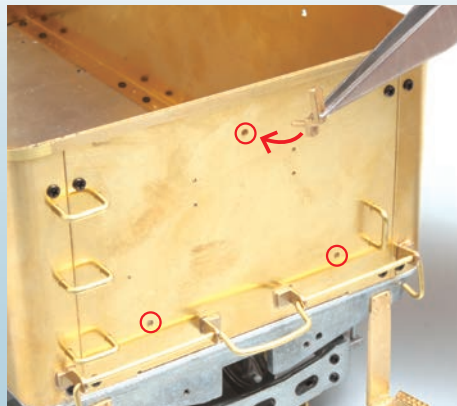


Apply glue to the ends of the bracket from inside the tender.



Glue two more brackets below the first. Then place the last bracket into the circled holes.

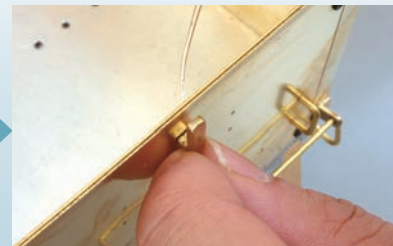
4 Fitting the lamp hooks



Locate the three circled holes on the rear wall of the tender. Place one of the lamp hooks in the top hole.

Glue the second and third lamp hooks into the two remaining holes.

Apply instant adhesive to the lamp hook from inside the tender.



Assembled parts

