



Build the

# C57

Steam  
Locomotive

Pack 09



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Warning: Not suitable for children under the age of 14. This product is not a toy and is not designed or intended for use in play. Items may vary from those shown.

# The trailing truck 1

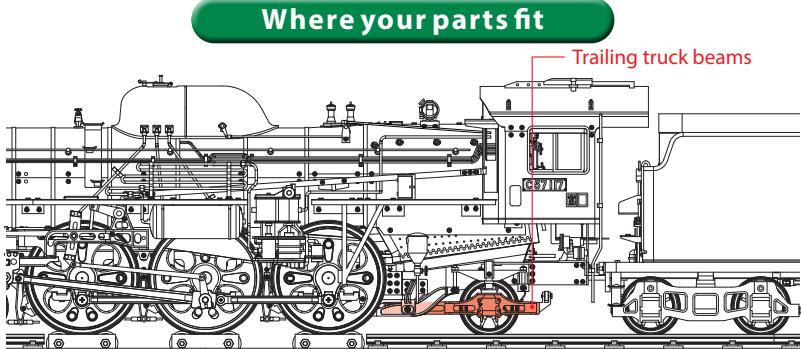
## Your parts



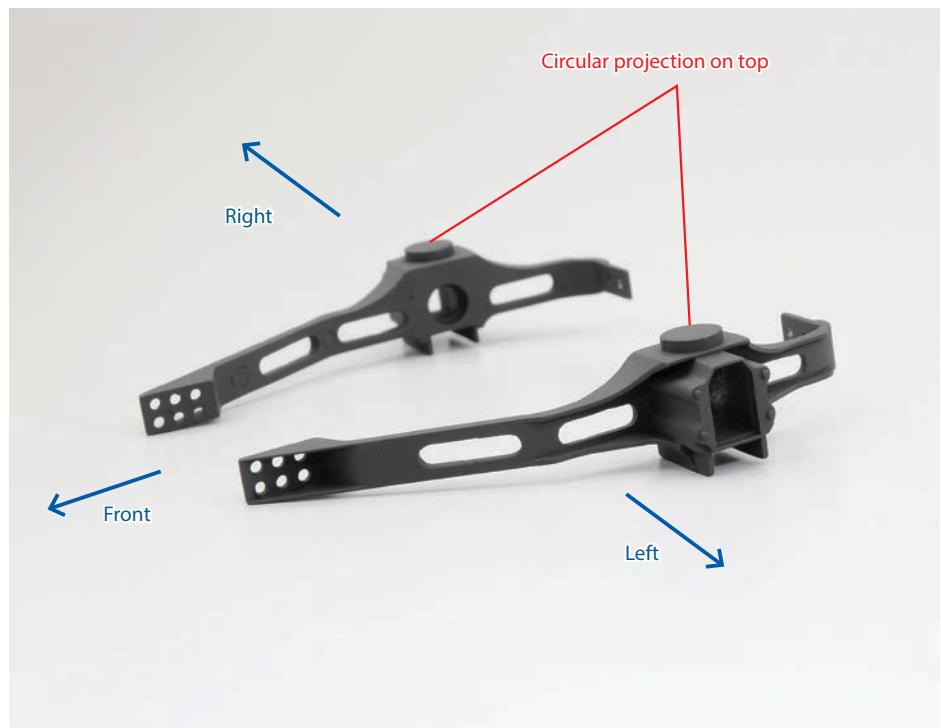
Trailing truck beam (left)  
Trailing truck beam (right)  
Axle box (left)  
Axle box (right)  
Pivot housing  
Screws (2 x 3mm) x 13

## Tools

Synthetic rubber adhesive (SRA)



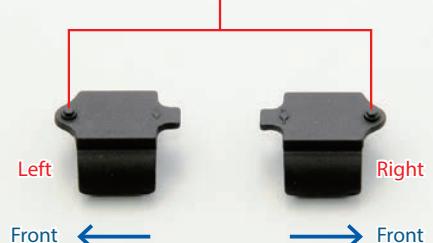
1



Orient the left and right trailing truck beams using the photo above.

**2**

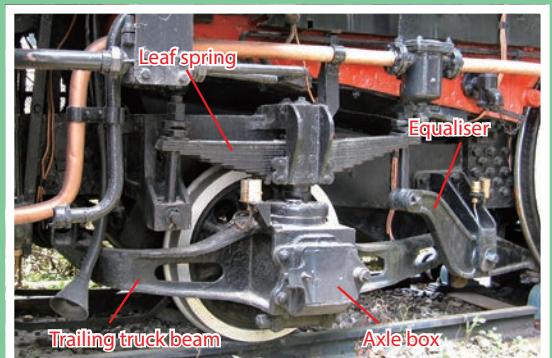
Circular pin and lip on front edges



Now familiarise yourself with the axle boxes.



The trailing truck beams, axle boxes, leaf spring and equaliser of a real C57 are shown in relation to the wheel.

**3**

Use SRA to fit the left axle box to the left trailing truck beam.



Your assembly should look like this. Dab any excess adhesive away with a toothpick.

**4**

Repeat Step 3 for the right beam and axle box.

**Complete**

# The trailing truck 2

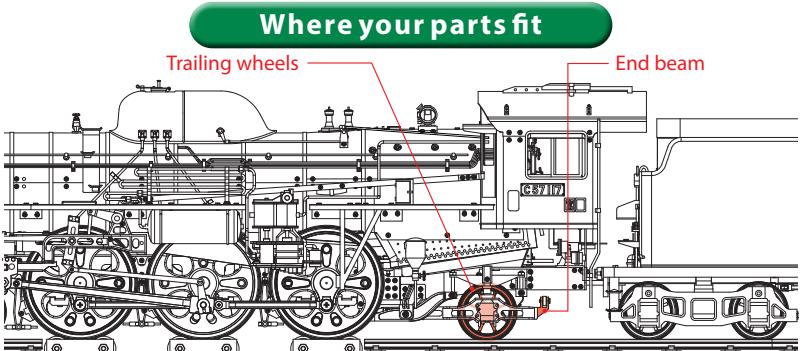
## Your parts



Trailing wheels  
Wheel bushes x 2  
End beam  
Screws (2 x 4mm) x 5

### Tools

Phillips screwdriver  
Synthetic rubber adhesive (SRA)



1



Use SRA to fit one of the wheel bushes into the hole on the inside centre of the left trailing truck beam, positioning the part as shown.

Repeat for the right beam and bush.



**2**

Now line up the pivot housing to the forward-facing arm of the left trailing truck beam. Position both parts exactly as shown here.

Use six of the 2 x 3mm screws supplied in Stage 65 to lightly secure the parts.

**3**

Now join the trailing truck end beams together, pushing the bushes onto the ends of the trailing wheels' axles.



Use six more 2 x 3mm screws from Stage 65 to secure the parts. Do this lightly at this stage.

Line up the holes at the front of the right beam with those in the pivot housing.

**Complete****4**

Now line up the end beam as shown.



Ensure the indicated joins are flush when tightening.



Use this stage's 2 x 4mm screws to secure it.

Fully tighten all the screws used in this stage.

# The trailing truck 3

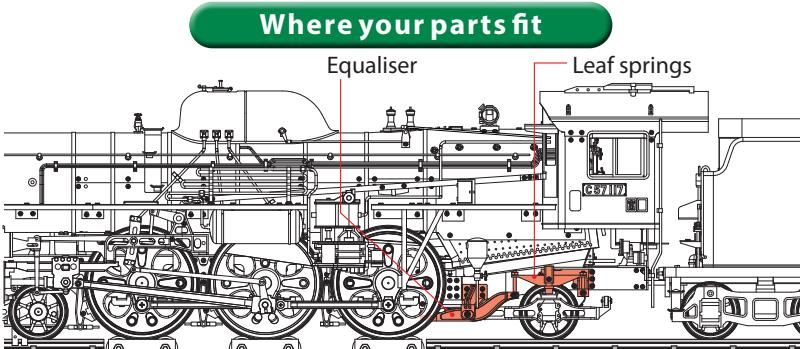
## Your parts



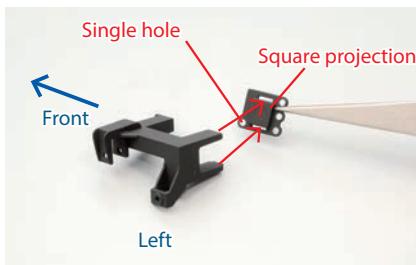
Equaliser mount (left)	Rollers x 2
Equaliser mount (right)	Wheel pin
Spring bracket (left)	Nuts (M2) x 8
Spring bracket (right)	Screws (2 x 3mm) x 19
Spring mount (left)	Screws (2 x 6mm) x 11
Spring mount (right)	Screws (2 x 8mm) x 3
Leaf springs x 2	
Equaliser (left)	
Equaliser (right)	
Short links x 2	
Medium links x 2	
Long links x 2	

## Tools

Phillips screwdriver  
Flat-head screwdriver  
Needle-nose pliers  
Synthetic rubber adhesive (SRA)



1



Fit the left spring mount to the left spring bracket and secure with SRA.



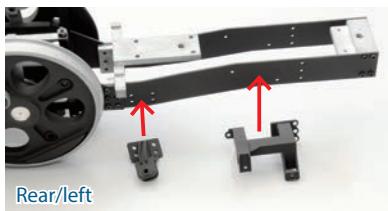
This is the view from the back. Clear any excess adhesive away.



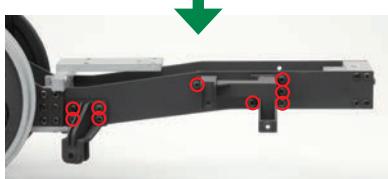
Repeat for the right-hand parts.



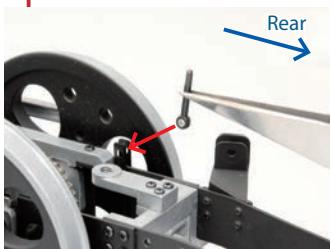
Your assemblies should look like this.

**2**

Now line up the left spring mount and bracket assembly, along with the left equaliser mount, to the left side of the underframe.



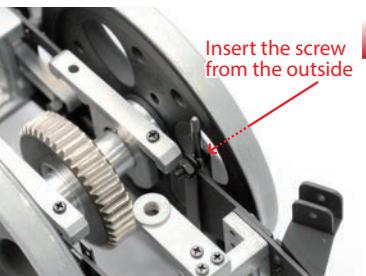
Secure the parts with 9 2 x 3mm screws.

**3**

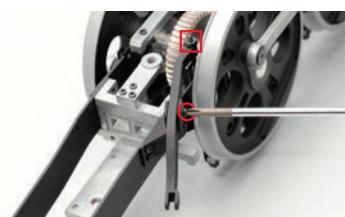
Turn the underframe upside down, then line up one of the short links to the bracket shown.



Now take the left equaliser and, orienting the part exactly as shown, lower it into place.



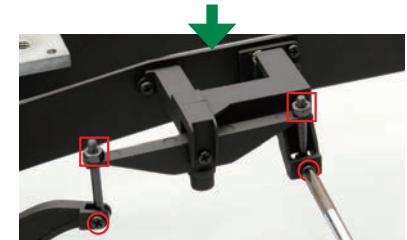
Use a 2 x 8mm screw and M2 nut to secure the link.



Use a 2 x 6mm screw and M2 nut to secure it at the point shown.

**4**

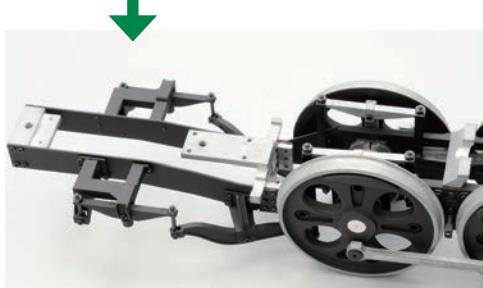
Turn the underframe back over, and line up the parts shown: a long link joining the equaliser and a medium link on the far side to that.



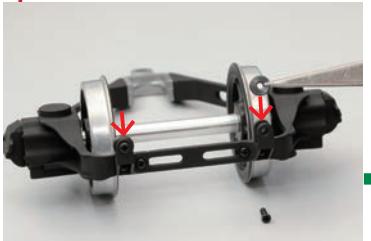
Use 2 x 6mm screws, and M2 nuts, to connect the links as shown above.

**5**

Now repeat Steps 2-4 to fit the right-hand equaliser and leaf spring.



Your assembly should look like this.

**6**

Take the trailing truck and wheel assembly from the previous stage and slot the rollers into place.



Your assembly should look like this.



Turn the underframe upside down once more, and line up the holes shown.



Secure with the wheel pin.

**Complete**



# The tender base 1

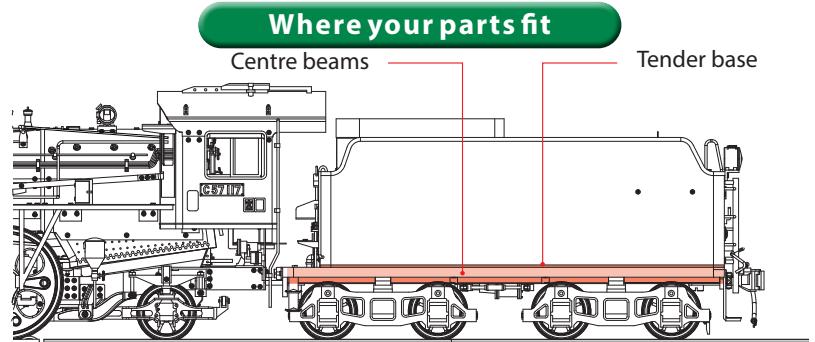
## Your parts



Tender base plate  
Centre beam (left)  
Centre beam (right)  
Screws (2 x 3mm) x 9

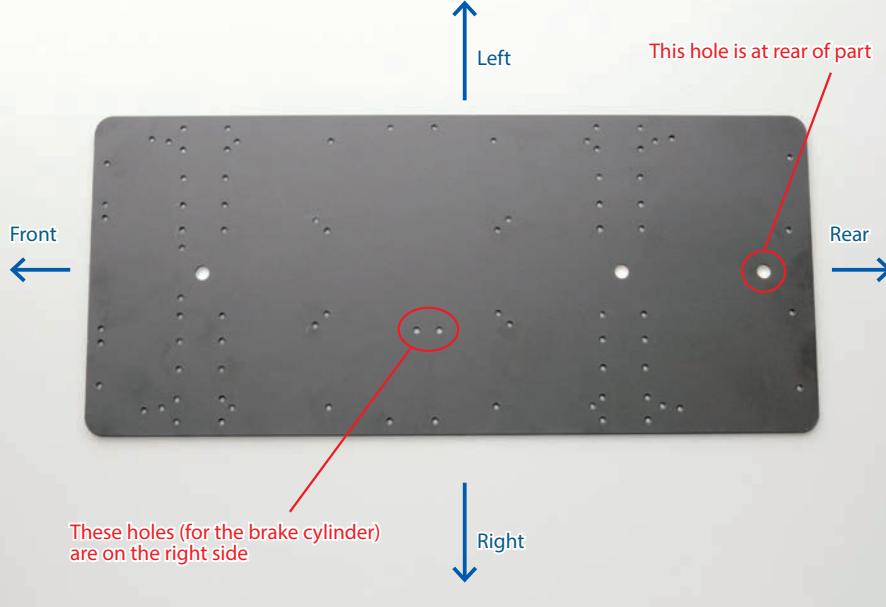
## Tools

Phillips screwdriver

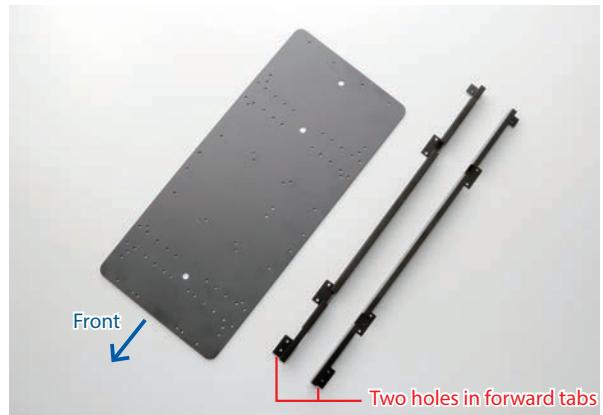


1

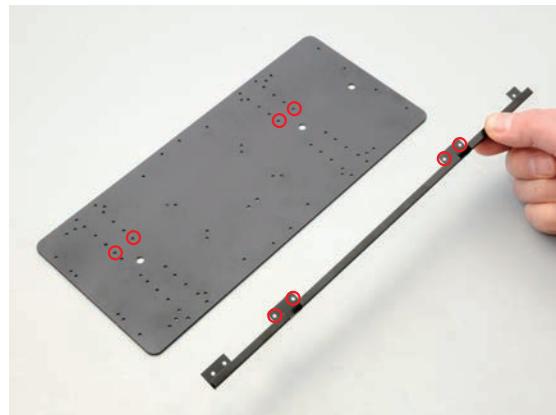
Base positioned face down



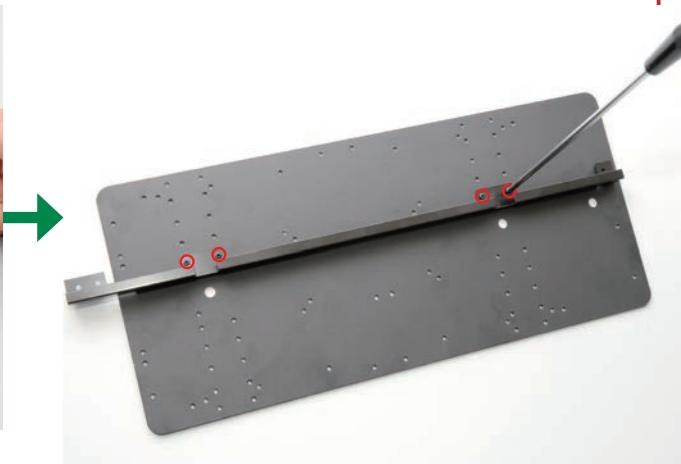
Lay the tender base out face down, as shown, then locate the indicated holes.

**2**

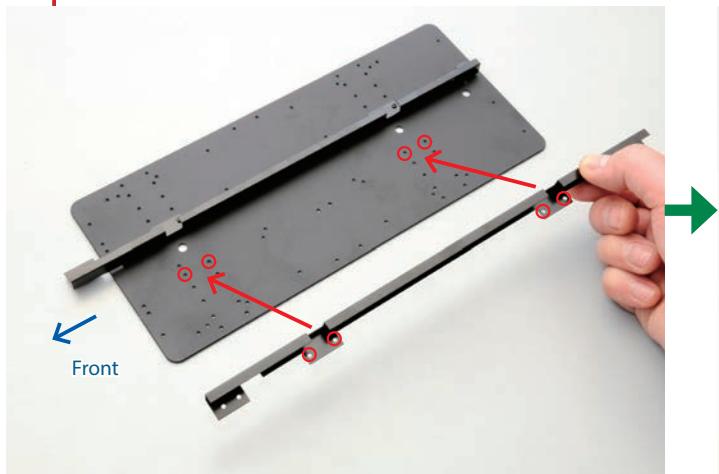
Orient the centre beams and the base as shown.

**3**

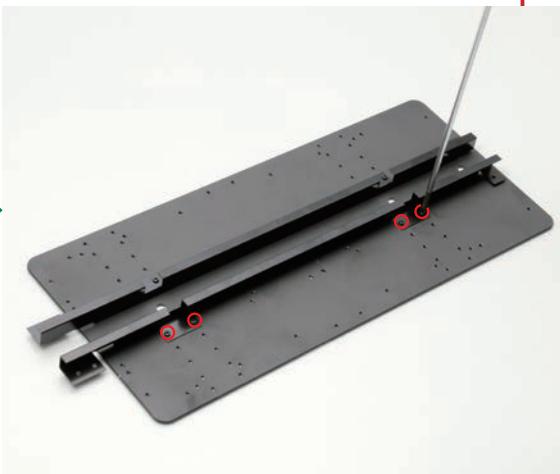
Take the left beam and match the circled holes with those on the base.



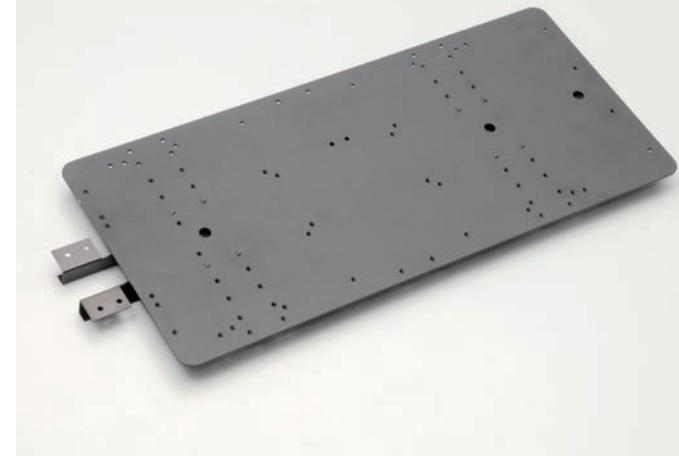
Secure with 2 x 3mm screws.

**4**

Repeat for the right beam.

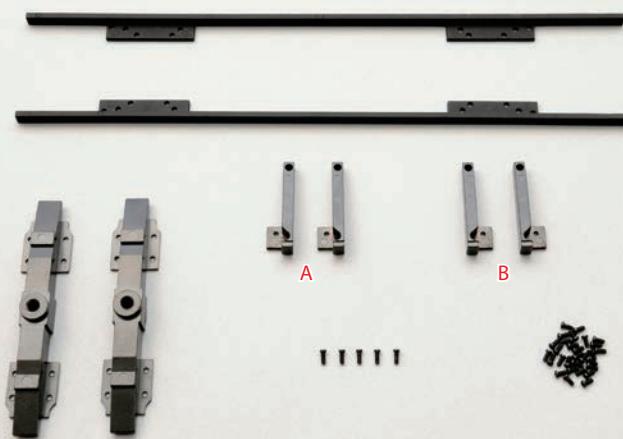


Again, use four 2 x 3mm screws.

**Complete**

# The tender base 2

## Your parts

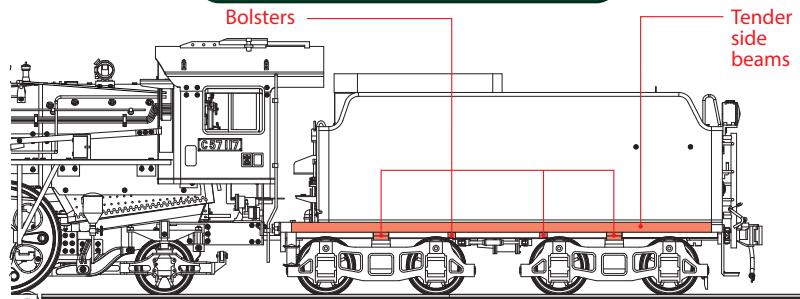


Tender side beams (left)  
 Tender side beams (right)  
 Bolsters x 2  
 Small bolsters A x 2  
 Small bolsters B x 2  
 Screws (2 x 5mm) x 5  
 Screws (2 x 4mm) x 29

## Tools

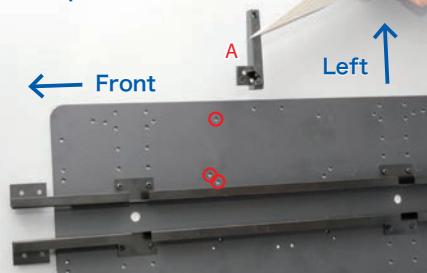
Phillips screwdriver

## Where your parts fit

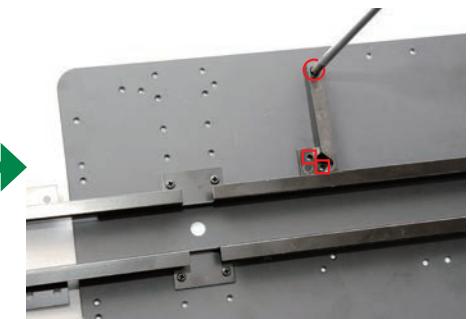


1

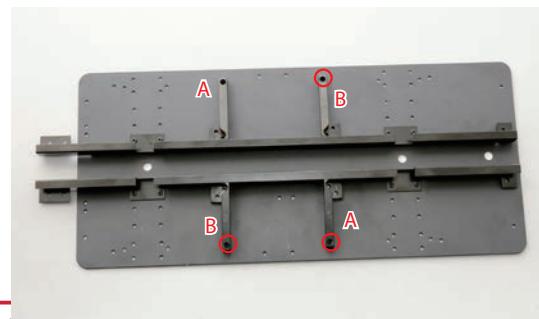
Base positioned face down



One small bolster A and small bolster B will fit on either side of the tender base's underside. Take the first bolster A and place it on the left side of the base, as shown.

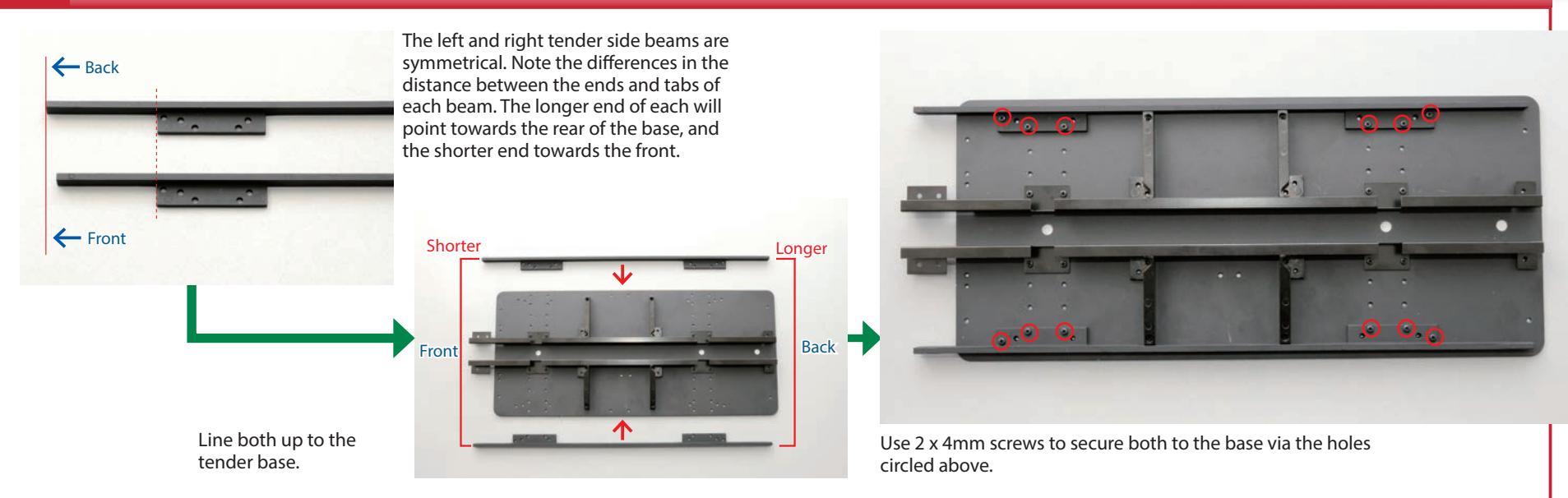


Secure it with just one 2 x 5mm screw (leaving the squared-marked holes free at this stage).

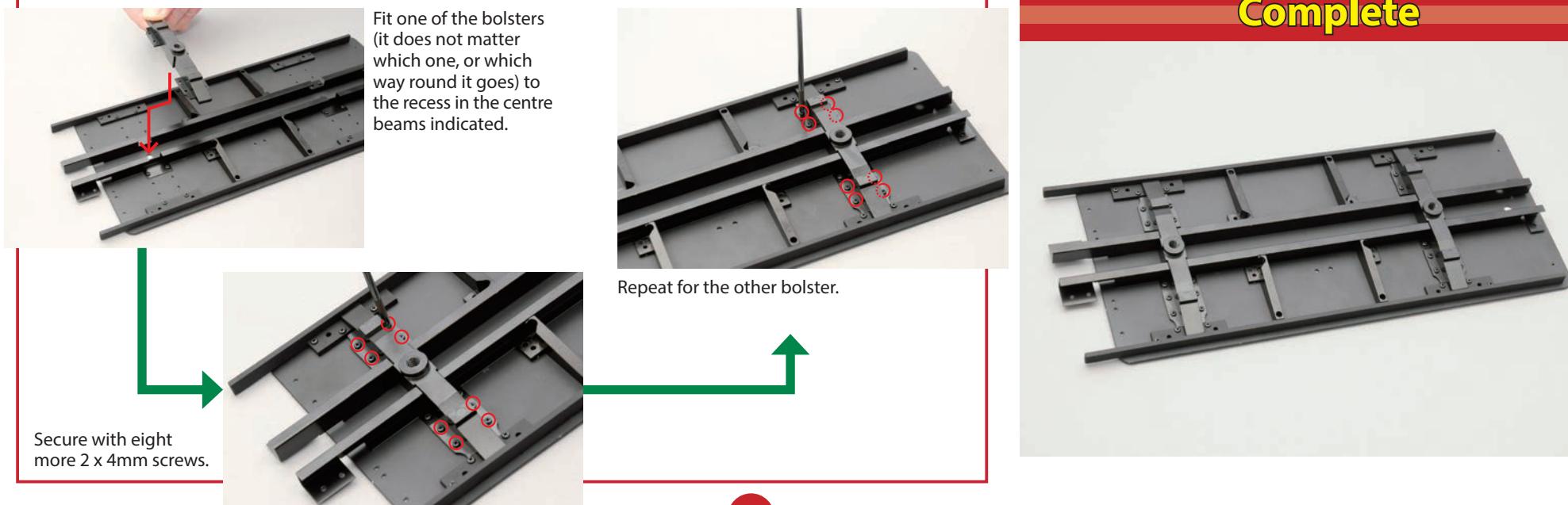


Repeat this process to fit all the small bolsters A and B, using the photo as a guide. Again, only use a single screw to secure each one.

## 2



## 3



# The tender base 3

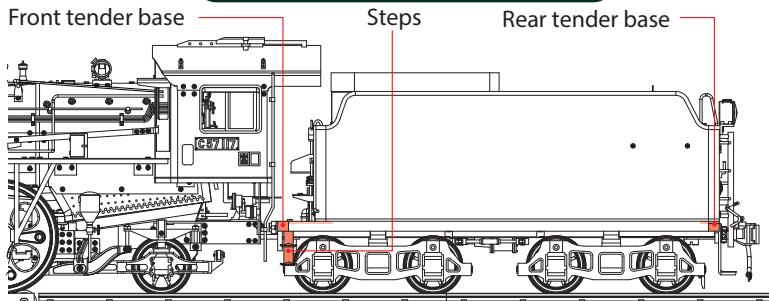
## Your parts



Front tender base  
Rear tender base  
Front tender step mounts  
Front tender steps  
Screws (2 x 2mm) x 3  
Screws (2 x 3mm) x 3  
Screws (2 x 6mm) x 3

**Tools**  
Phillips screwdriver  
Synthetic rubber adhesive (SRA)  
Instant adhesive

## Where your parts fit



1

Use SRA to attach one set of tender steps to one of the tender step mounts, matching the parts as shown.



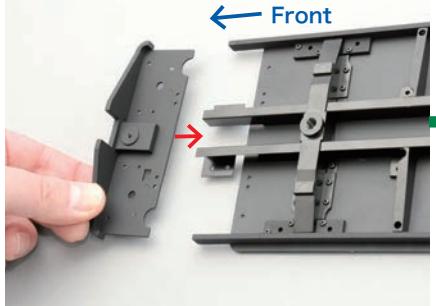
Reinforce the hold with instant adhesive on the reverse.



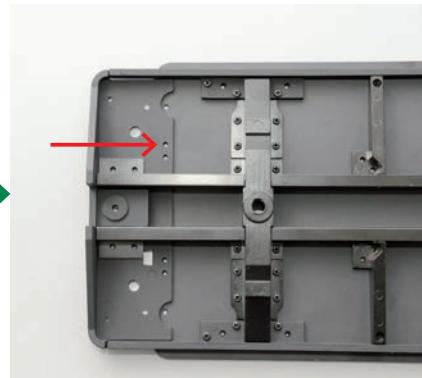
Repeat for the other steps and mount.

## 2

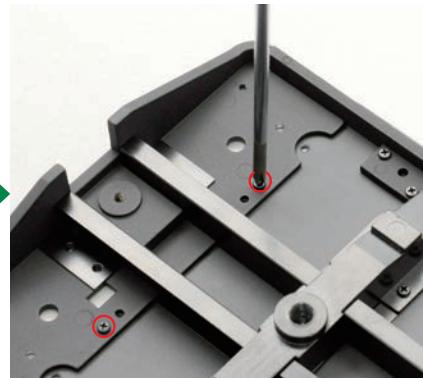
Base positioned face down



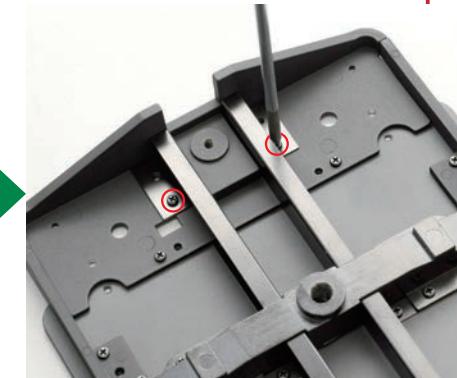
Match the front tender base to the assembly from the previous stage.



Press the front into place.



Use 2 x 3mm screws to secure the front tender base using the circled holes (make sure you choose the correct holes).

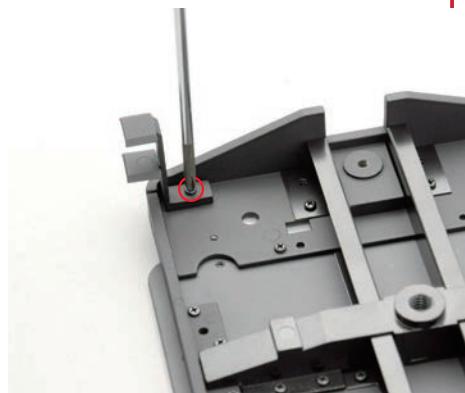


Now use 2 x 2mm screws to secure it via the next pair of circled holes. Again, check the holes.

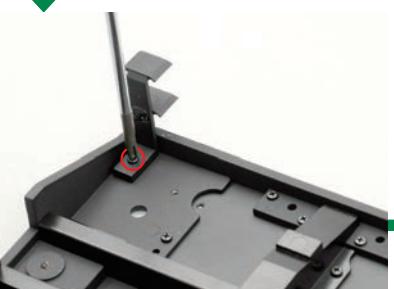
## 3



Line up one set of steps to the circled hole.



Repeat for the second set of steps.



Use a 2 x 6mm screw to secure them.

**Complete**



# The tender base 4

## Your parts

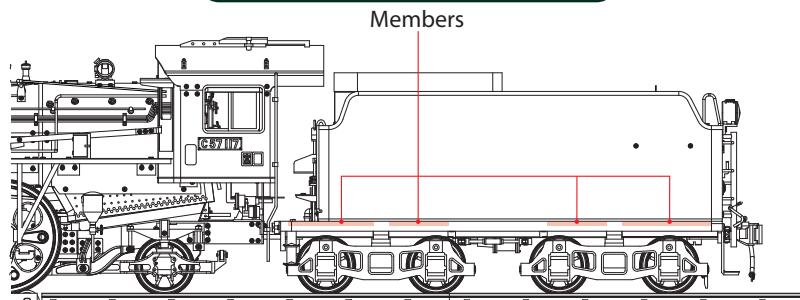


Members A (short) x 2  
 Members B (short) x 2  
 Member A (medium)  
 Member B (medium)  
 Member A (long) x 2  
 Member B (long) x 2  
 Screws (2 x 3mm) x 3  
 Screws (2 x 5mm) x 19

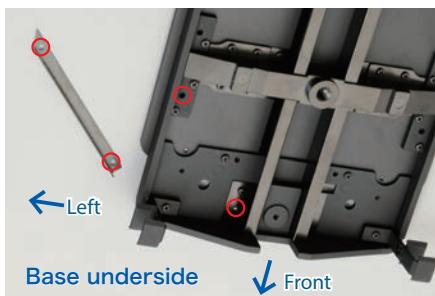
## Tools

Phillips screwdriver

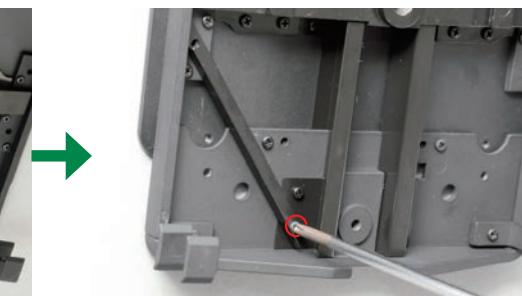
## Where your parts fit



1



Take a medium member B and line it up to the left underside of the tender base, aligning the circled holes above.



Use a 2 x 3mm screw to secure the end shown.

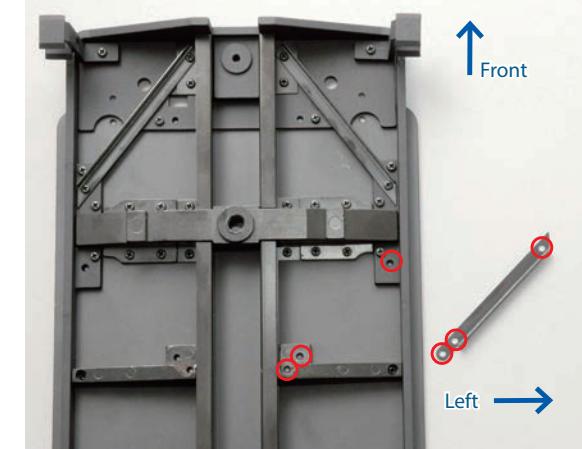


Now use a 2 x 5mm screw to secure the other end.

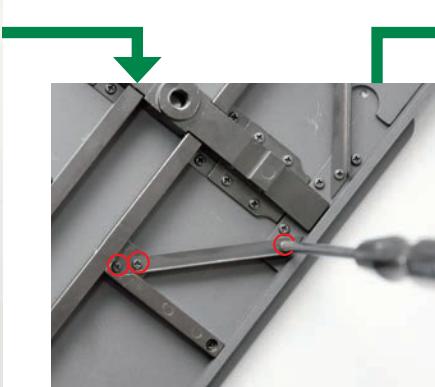


Repeat the process to fit the medium member B, again noting the corresponding sizes of screw to use.

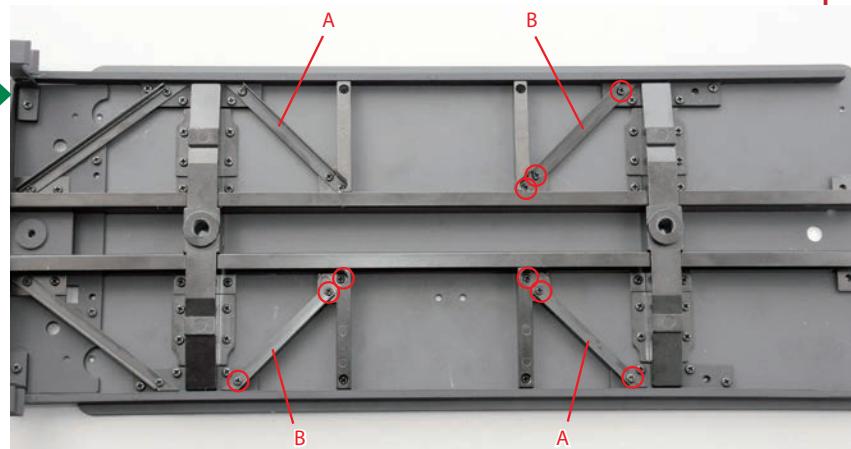
## 2



Next, take a short member A and line it up to the circled holes on the left underside of the base.

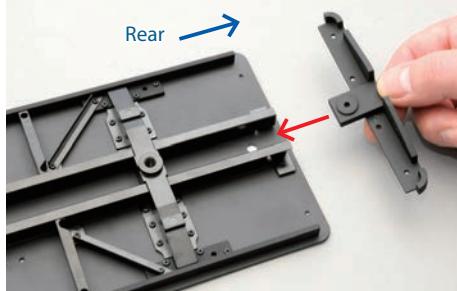


Use three 2 x 5mm screws to secure the part.

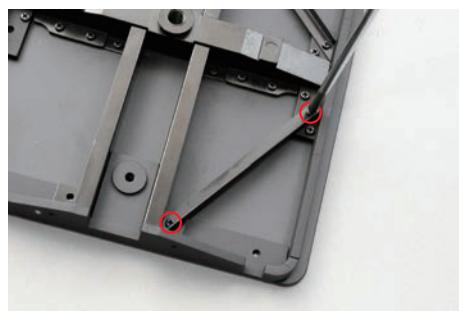


Follow the same procedure to fit a short member B to the opposite side of the tender base, then add the remaining two short members in the same way.

## 3



Now take the rear tender base from Stage 70 and slide it into its position at the back of the tender base assembly.



Use two 2 x 5mm screws to secure it.



Now take the long member A and line it up as you did the others.



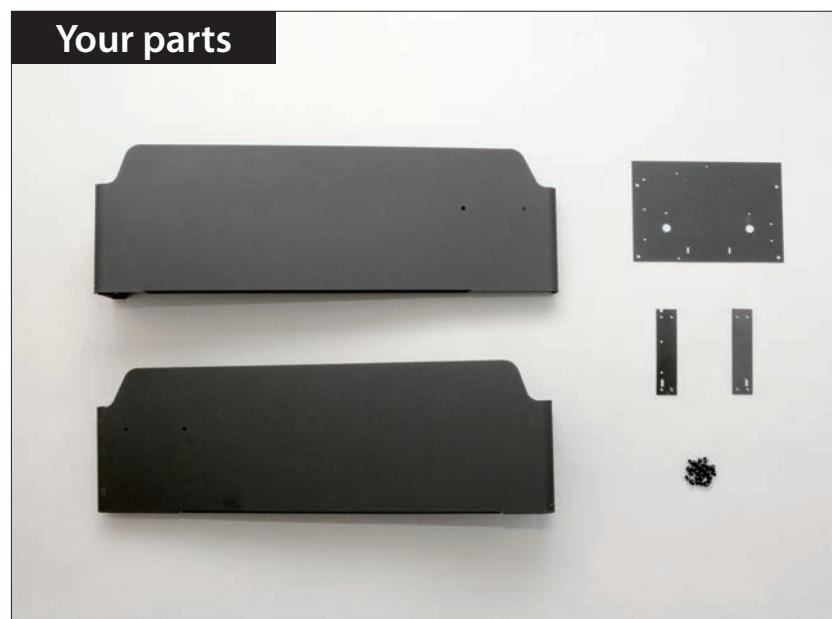
Repeat for the long member B.

**Complete**



# The tender 1

## Your parts

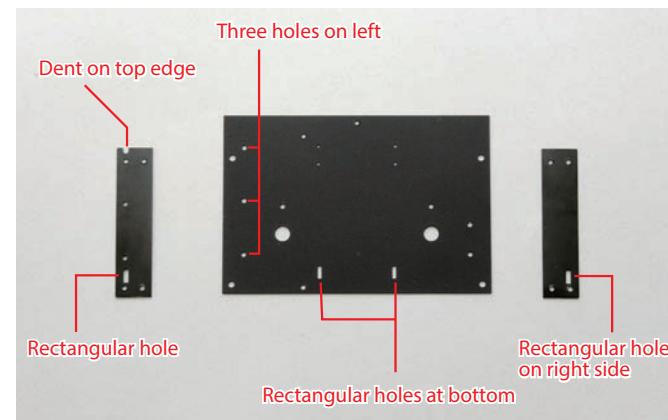


Tender wall (left)  
Tender wall (right)  
Tender rear wall  
Joint (left)  
Joint (right)  
Screws (2 x 2mm) x 25

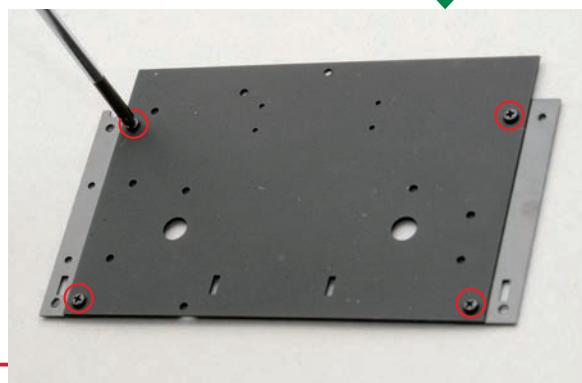
## Tools

Phillips screwdriver

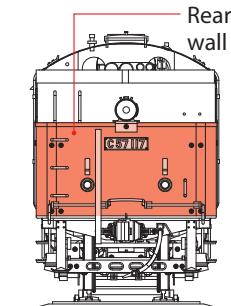
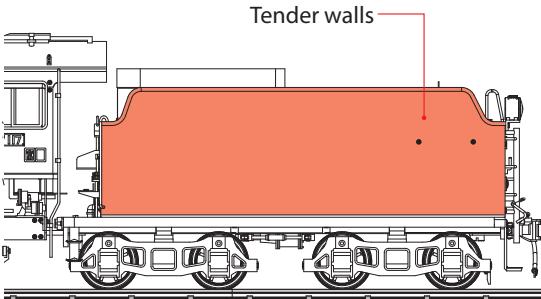
1

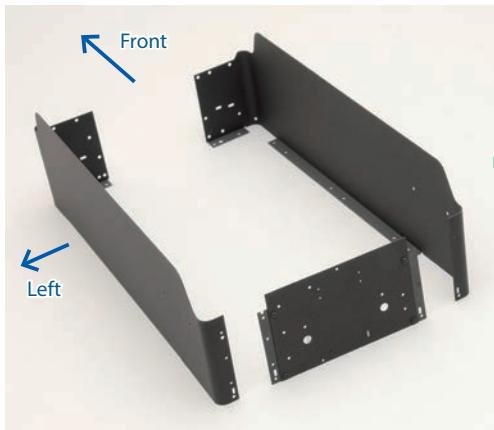


Use four 2 x 2mm screws to secure the left and right joints to the rear wall as shown.

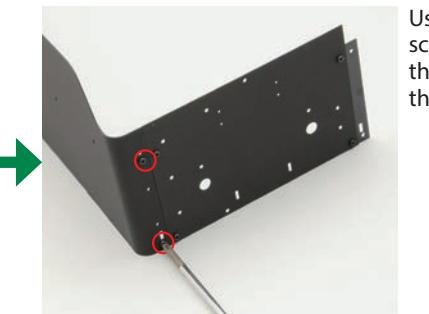


## Where your parts fit

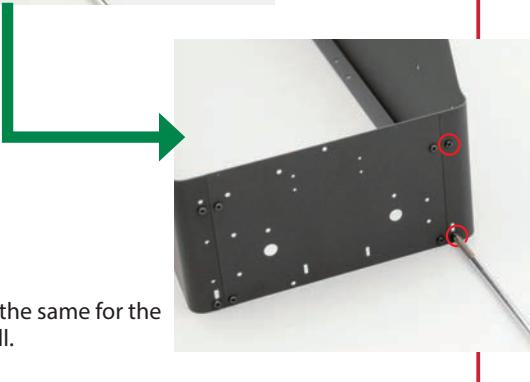


**2**

Now line up the tender walls to the assembly.



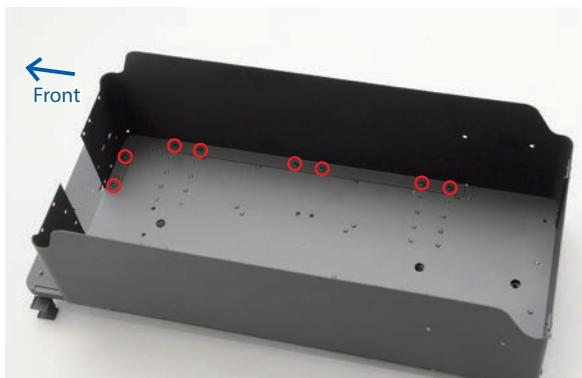
Use 2 x 2mm screws to attach the left wall via the left joint.



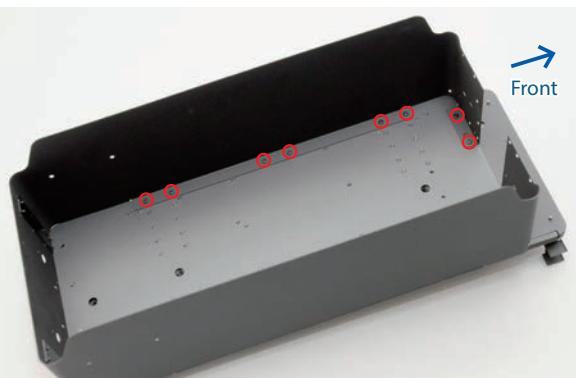
Now do the same for the right wall.

**3**

Now line up the tender wall assembly with the top of the tender base.

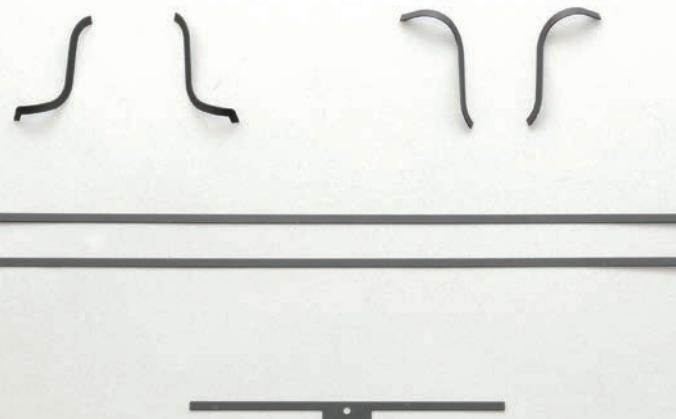
**Complete****4**

Line up and secure the tender walls to the base using 2 x 2mm screws in the circled holes.



# The tender 2

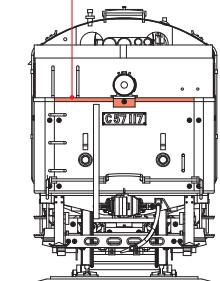
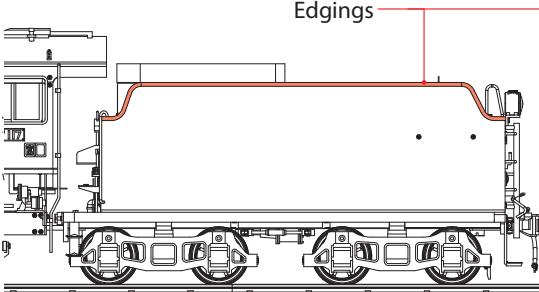
## Your parts



Tender edging piece A (left)  
 Tender edging piece A (right)  
 Tender edging piece C (left)  
 Tender edging piece C (right)  
 Tender edging pieces B x 2  
 Tender edging piece D

**Tools**  
Synthetic rubber adhesive (SRA)

## Where your parts fit



1



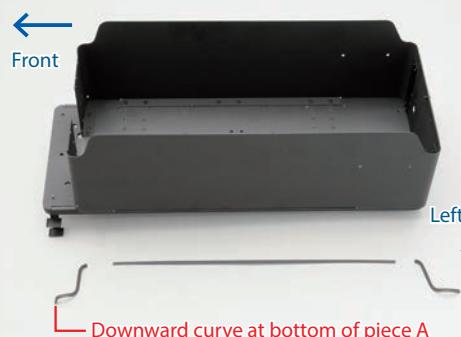
Dab SRA to one side of edging piece D (it does not matter which). Make sure no adhesive obstructs its hole.



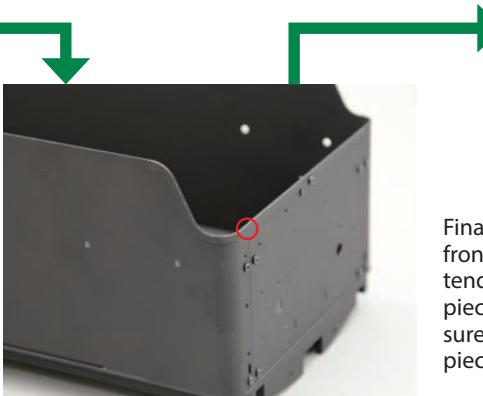
Line it up to the rear top edge of the tender, matching the circled holes.

Adhere the parts, dabbing away any excess as you do so (see spare screws box).



**2**

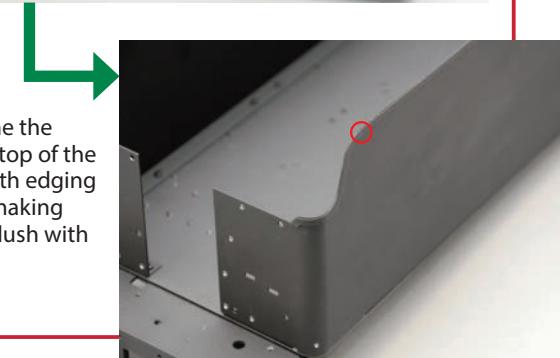
Now lay out the tender facing to the left, and take the left edging pieces and one of the edging pieces B and line these up as shown.



Now do the same for edging piece B. Again, it should sit flush with the top edge of piece C.



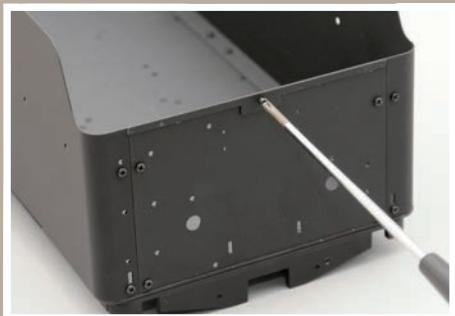
Test-fit the edging pieces C to the left-rear ridge shown, then use SRA to secure it. It should fit flush with edging piece D fitted previously (circled).



Finally, line the front-left top of the tender with edging piece A, making sure it is flush with piece B.

## Spare screws

The screw hole in the rear tender wall and edging D will later accommodate the screw securing the rear lamp, but inserting a 2 x 2mm screw now will help ensure the holes stay aligned and clear, and you can use a spare from the previous stage to do this if you choose to.



Only lightly tighten the screw.

**3**

Now repeat the work of Step 2 to fit the corresponding parts to the right side of the tender. Make sure all the joins between the edging pieces are flush.

**Complete**