



Build the

# C57

Steam  
Locomotive

Pack 07



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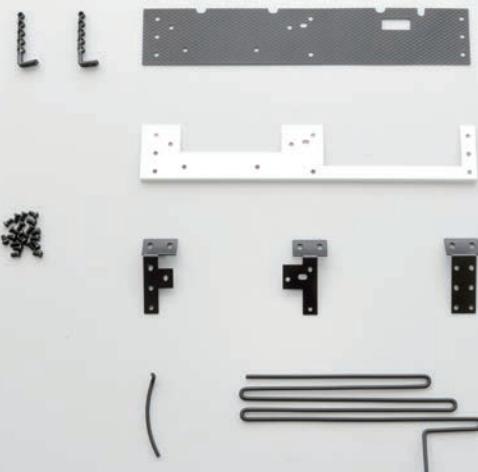
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Warning: Not suitable for children under the age of 14. This product is not a toy and is not designed or intended for use in play. Items may vary from those shown.

# The running board 4

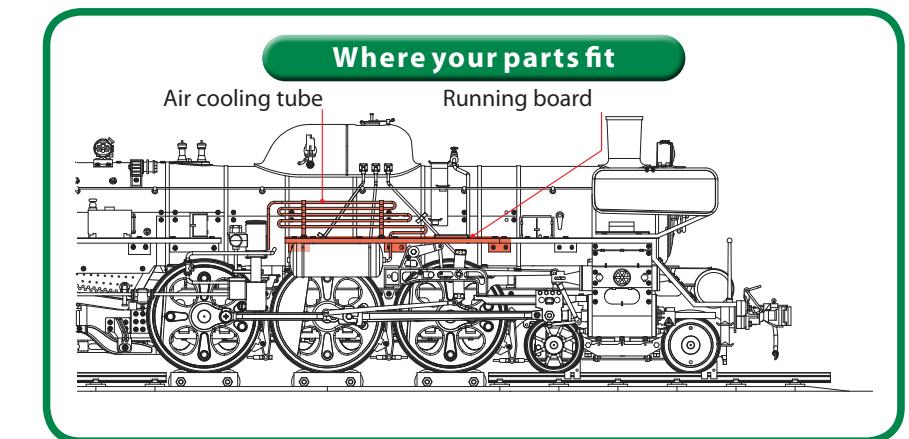
## Your parts



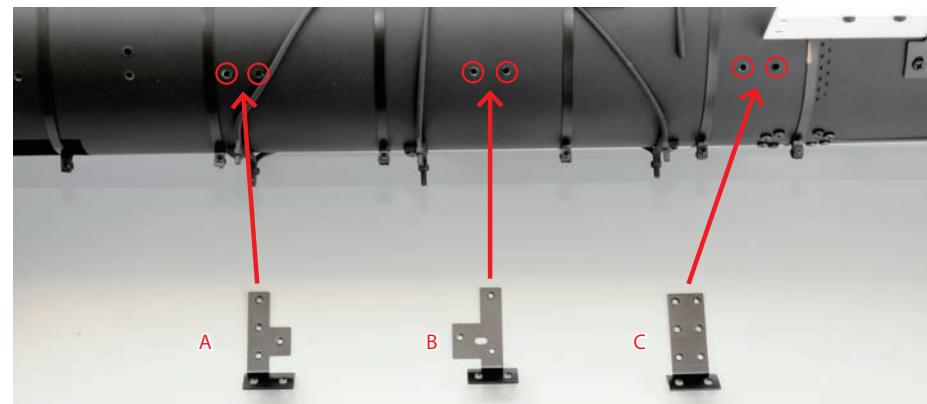
Running board (right)  
Running board base (right)  
Running board support A  
Running board support B  
Running board support C  
Air cooling tube (right A)  
Air cooling tube (right B)  
Air cooling tube supports x 2  
Screws (2 x 3mm) x 20

## Tools

Phillips screwdriver  
Synthetic rubber adhesive (SRA)  
Tweezers

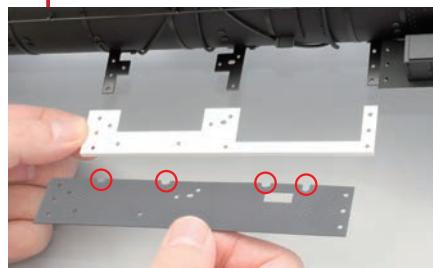


1



Line up running board supports A, B and C as shown, noting their differing shapes.

Fasten each (lightly at this stage) to the right side of the body.

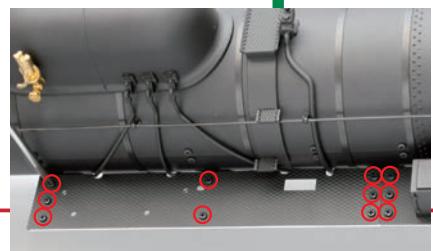
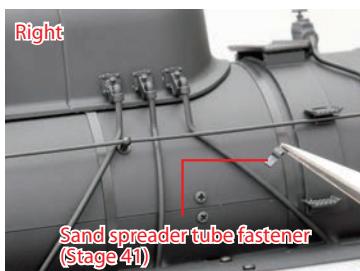
**2**

Line up the right running board and base to the supports, using the location of the holes and recesses (for sand spreader tubes) to orient the parts.



Return and tighten the supports' screws fully.

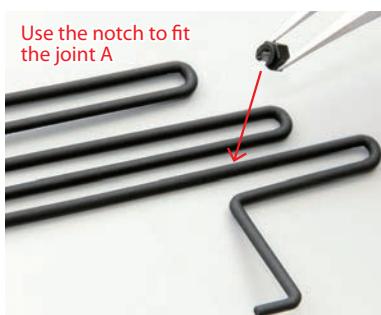
Place the board and its base onto the supports and secure them with 11 2 x 3mm screws.

**3**

**Right**  
**Sand spreader tube fastener (Stage 41)**

Take one of the sand spreader tube fasteners from Stage 41 and use SRA to fix it to the middle tube.

Repeat for the other two fasteners, using the circled screw as a guide for placement.

**4**

Use the notch to fit the joint A

Now take a joint A from Stage 45 and fit it onto the air cooling tube (right A) in the arrowed location. Secure it with SRA.



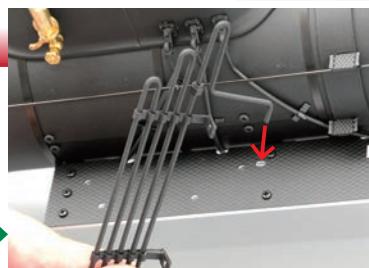
The joint should be level with the upper bend in the tube, as shown.

**5**

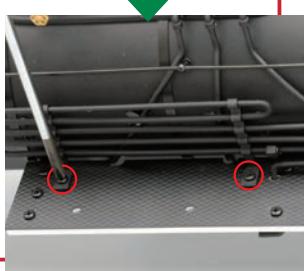
Slide the two air cooling tube supports over the tube, then press them together with your fingers to clamp it to the tube.



Make sure each coil of the tube is held in one of the supports' rings.



Fit the extended tip of the air cooling tube into the arrowed hole in the running board.



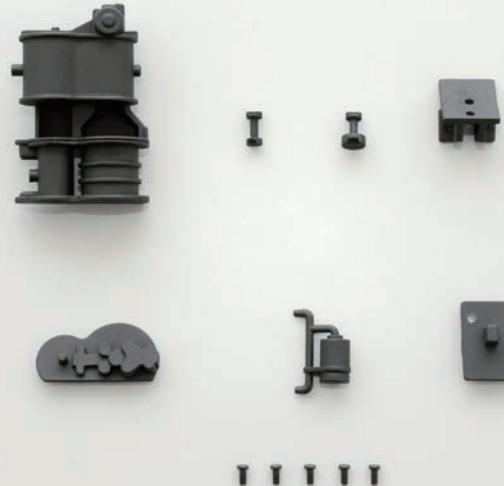
Lower the tube onto the running board, then secure it via its supports, using 2 x 3mm screws in the circled holes.

**Complete**



# The compressor

## Your parts

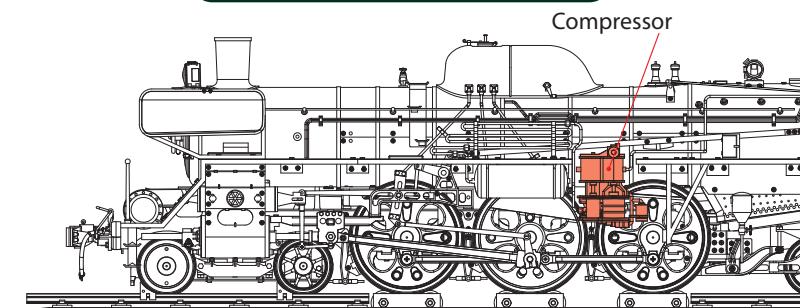


Compressor body  
Piston A  
Piston B  
Compressor base  
Regulator  
Compressor support A  
Compressor support B  
Screws (2 x 4mm) x 5

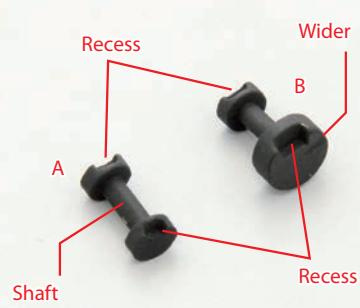
### Tools

Phillips screwdriver  
Synthetic rubber adhesive (SRA)  
Epoxy adhesive

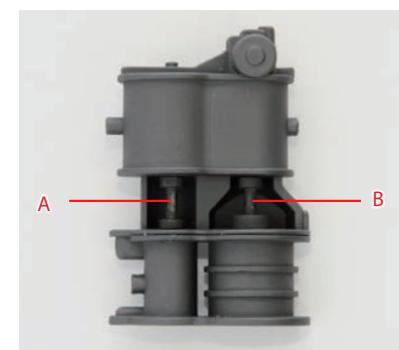
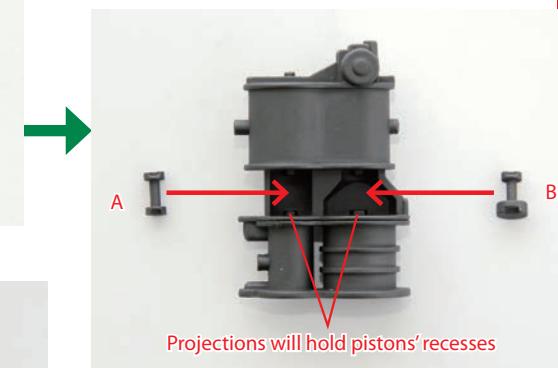
### Where your parts fit



1



Identify piston A from piston B, using the annotations in the photo.



Use SRA to set the pistons into the compressor body as shown above.

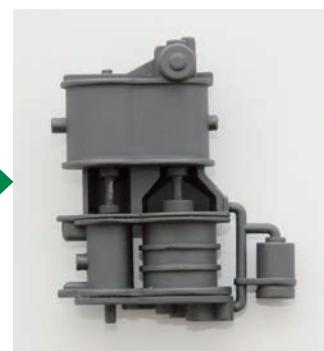
Your assembly should look like this.

**2**

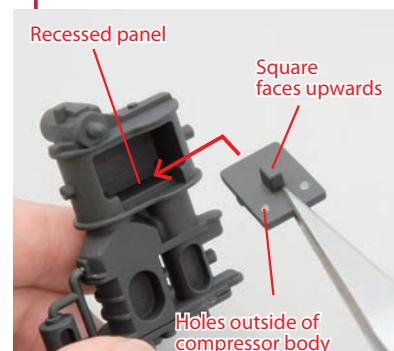
Use SRA to set the compressor base to the body.



Now line up the regulator as shown (note the location of the lower plate) and use SRA to fit it into the circled holes.



Your assembly should look like this.

**3**

Turn the compressor around and use epoxy adhesive to set the compressor support B into the recessed panel, oriented as shown.



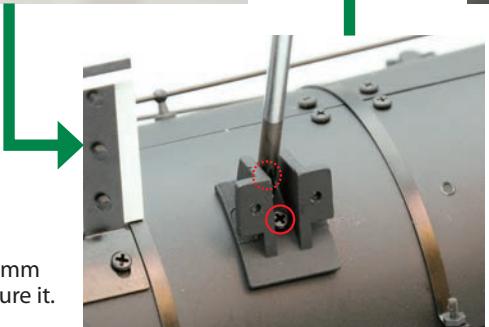
Wait for the epoxy adhesive to dry before proceeding.

**4**

Now line up compressor support A to the circled holes on the left side of the body.



Line up the compressor assembly to support A. Support B will fit to the underside of support A.



Use two 2 x 4mm screws to secure it.

Use two more 2 x 4mm screws to secure the parts.

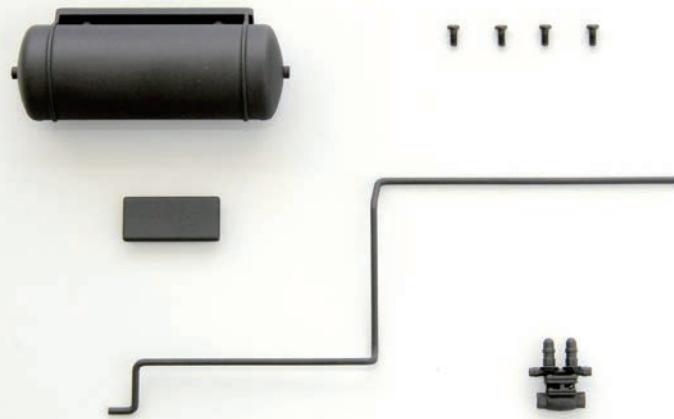


# Complete



# The left air reservoir

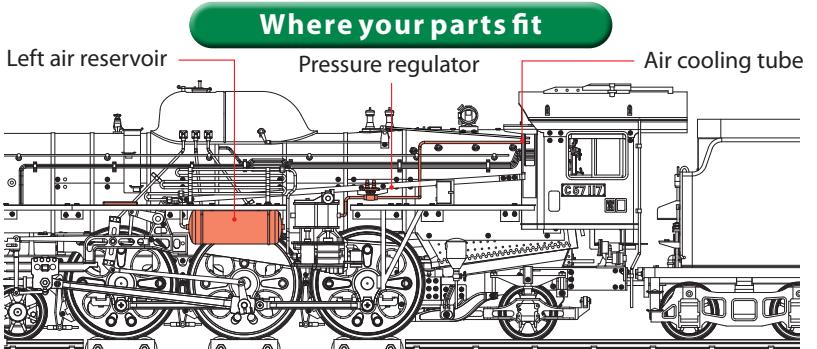
## Your parts



Left air reservoir  
Inspection lid  
Air cooling tube  
Pressure regulator  
Screws (2 x 4mm) x 4

### Tools

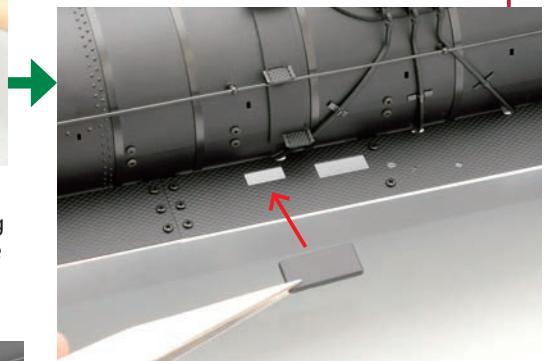
Phillips screwdriver  
Synthetic rubber adhesive (SRA)



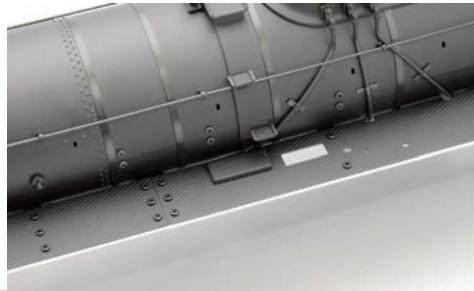
1



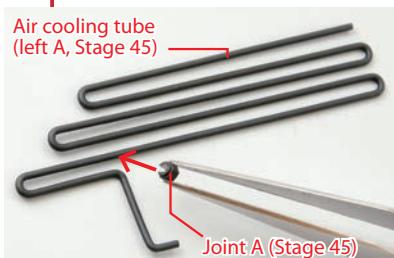
Apply SRA to the flat underside of the inspection lid, leaving the raised panel dry.



Fit this to the left running board – it will sit over the rectangular hole shown.



Your assembly should look like this.

**2**

Take Stage 45's air cooling tube (left A) and fit the joint A also supplied in that stage onto it in the position shown, using SRA.

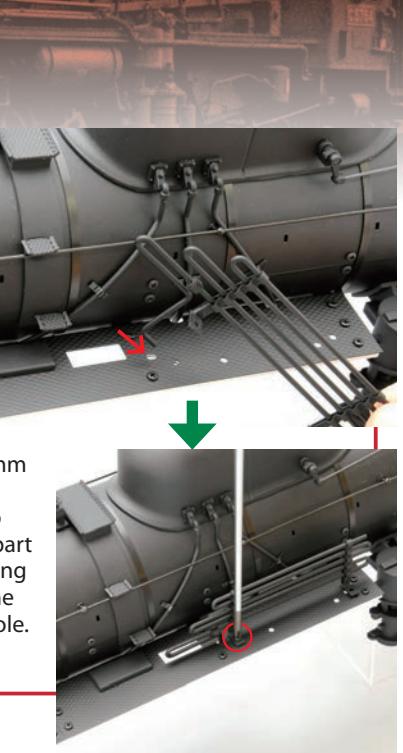
Line the joint up as shown here.

**3**

Now take the air cooling tube supports and slide them onto the tube as shown.



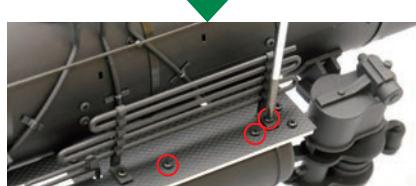
Slide the tube end shown into the indicated hole in the left running board.



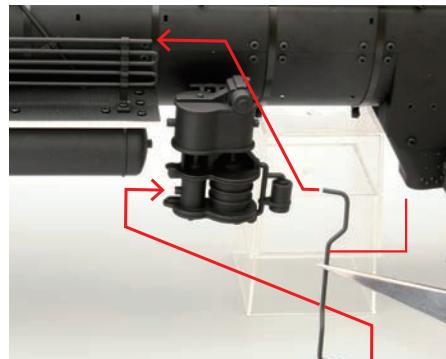
Use a 2 x 3mm screw (from Stage 45) to secure the part to the running board via the support's hole.

**4**

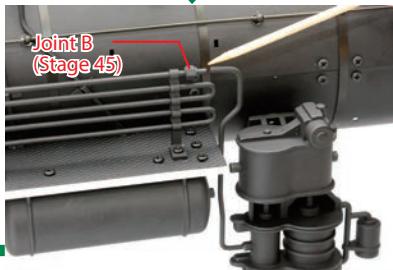
Next, line up the left air reservoir to the underside of the left running board. Fit the tip of the air cooling tube into the recess in its front section.



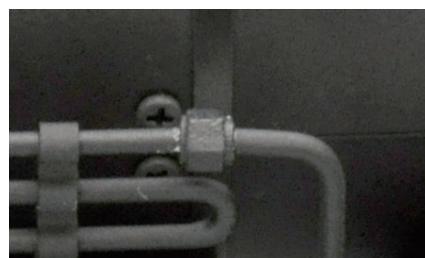
Use this stage's 2 x 4mm screws to secure the parts via the circled holes, from above.

**5**

Take Stage 45's air cooling tube (left B) and, orienting the part as shown, attach it to the left air cooling tube and compressor. Use SRA to secure each end.

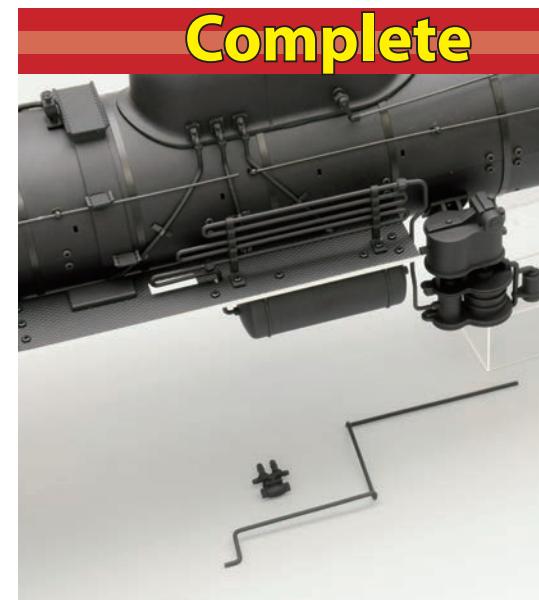


Fit the joint B (Stage 45) onto the left air cooling tube, then slide it over the glued join to conceal it.



Your assembly should look like this.

**Complete**



# The water pump

## Your parts

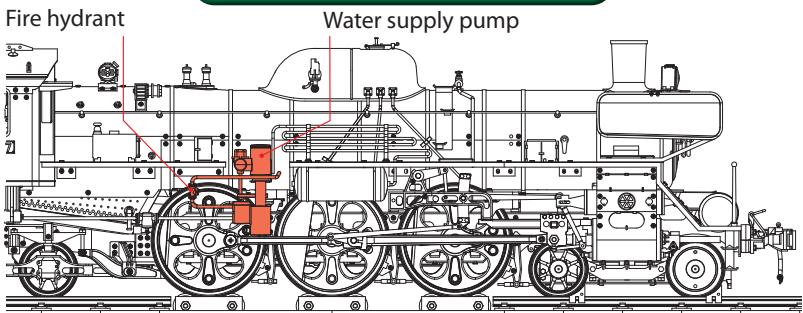


Water pump A  
Water pump B  
Water pump C  
Water pump D  
Water pump E  
Water pump support  
Steam pipe  
Water supply pipe  
Fire hydrant  
Screws (2 x 4mm) x 5

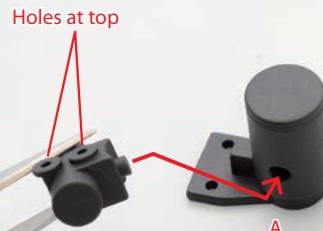
## Tools

Phillips screwdriver  
Synthetic rubber adhesive (SRA)  
Epoxy adhesive  
Pencil or similar

## Where your parts fit



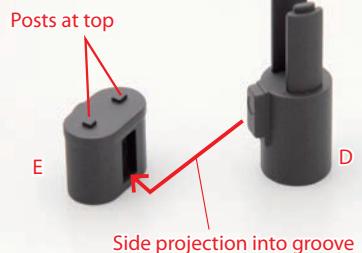
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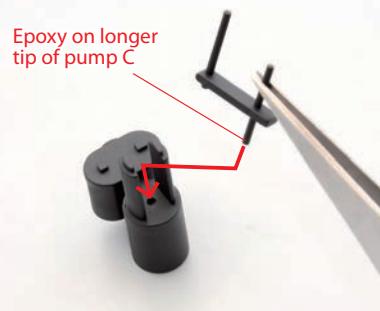
Use epoxy adhesive to fix the water pump B to pump A, orienting the parts as shown.



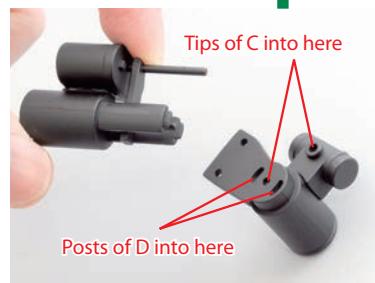
Your assemblies should look like this.



Now use epoxy adhesive to fix pump D to pump E.

**2**

Next, use epoxy adhesive again to fit pump C to the D/E assembly. Orient the parts exactly as shown, and proceed before the adhesive cures.



Now dab the other tips of pump C and the two posts on pump D with epoxy and fit into the corresponding holes on the underside of the pumps A/B assembly, as shown here.



Use a pencil (or similar) to rest the assembly vertically, then leave to dry.

**3**

Now use SRA to fix the steam pipe into the circled holes.



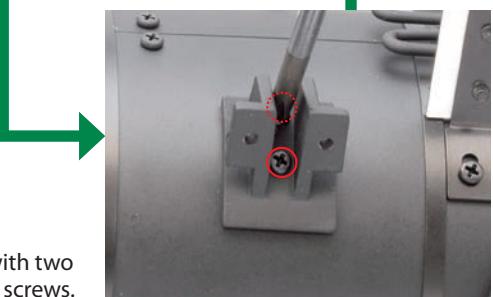
Your assembly should look like this.

**4**

Line up the pump support, as shown, to the holes on the right underside of the body.



Fit the water pump assembly under the support.



Secure with two more 2 x 4mm screws, from the underside.

**Complete**

# The right air reservoir

## Your parts

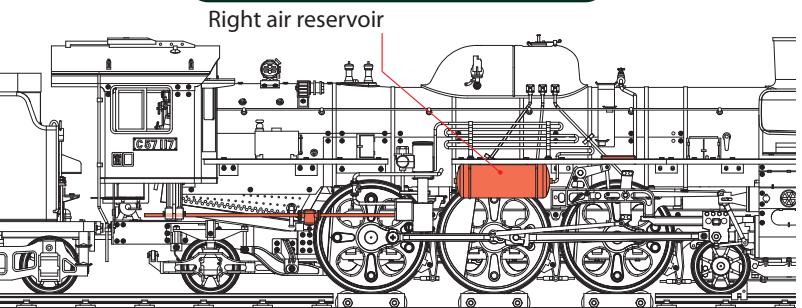


Right air reservoir  
Inspection lid  
Air cooling tube  
Pressure regulator  
Screws (2 x 4mm) x 3

## Tools

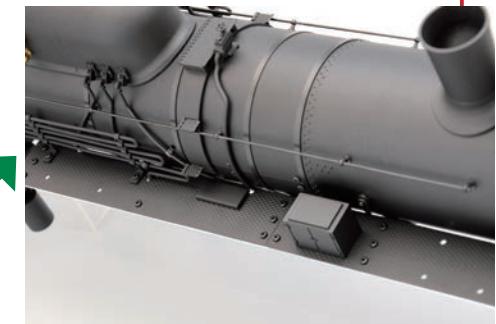
Phillips screwdriver  
Synthetic rubber adhesive (SRA)

## Where your parts fit

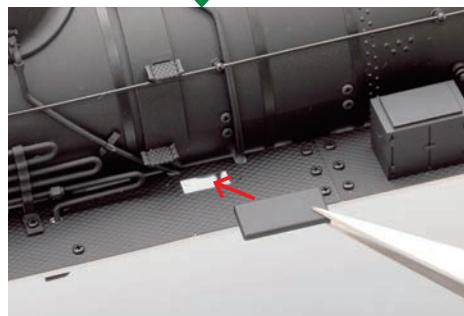


1

Apply SRA to the flat underside of the inspection lid, leaving the raised section dry.



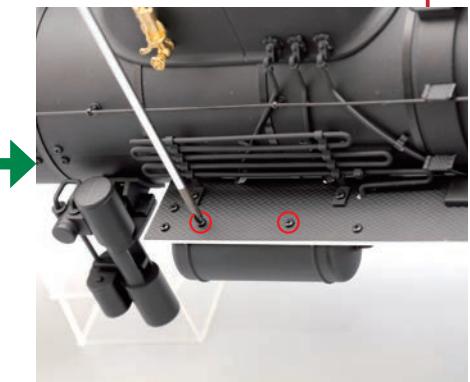
Press into place.



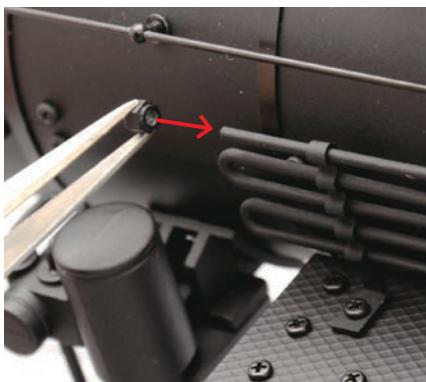
Fit the lid to the right running board, over the rectangular hole.

**2**

Line up the right air reservoir to the underside of the running board. The hole in its front should accommodate the tip of the cooling tube.



Secure from above with two 2 x 4mm screws.

**3**

Slide the joint B from Stage 45 onto the upper tip of the right air cooling tube A.



Now take the air cooling tube (right B) and dab the **side** of the marked tip with SRA.

**4**

Now dab the other tip with SRA, and line up to the free end of the air cooling tube A.



Slide the joint B over the join to conceal it.

Join the ends of the tubes, while also setting the glued bottom end of tube B to the side of the body.



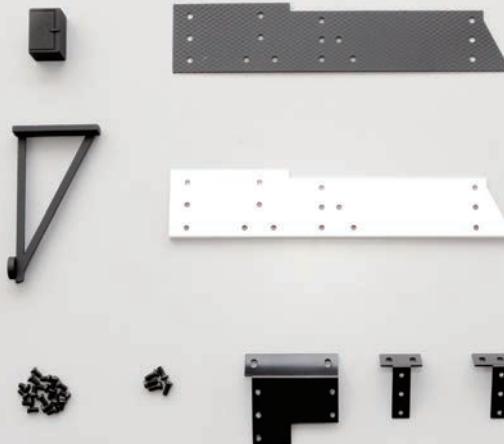
Set against the boiler

# Complete



# The running board 5

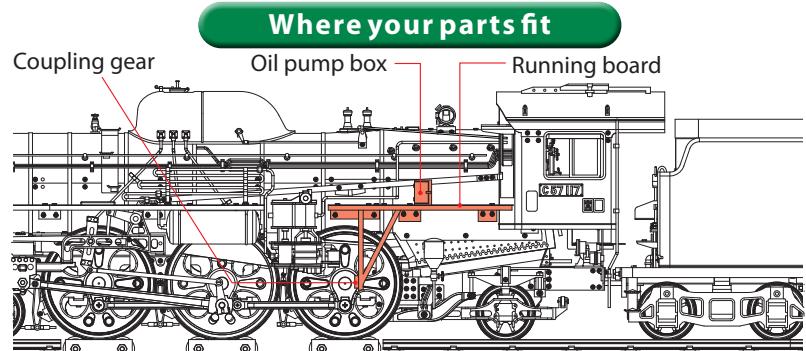
## Your parts



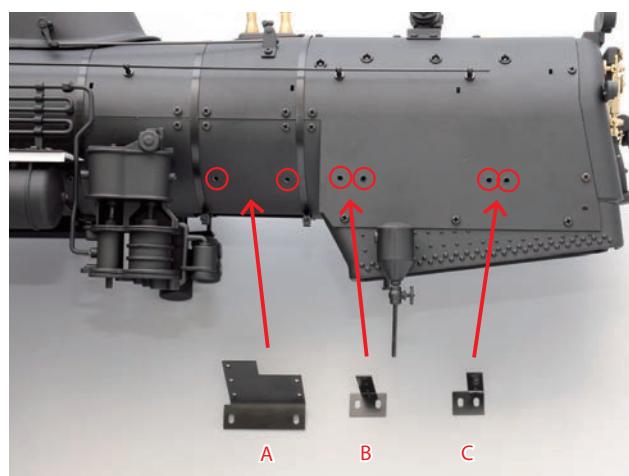
Running board (left rear)  
Running board base (left rear)  
Running board support A  
Running board support B  
Running board support C  
Oil pump box  
Coupling gear  
Screws (2 x 3mm) x 18  
Screws (2 x 4mm) x 5

## Tools

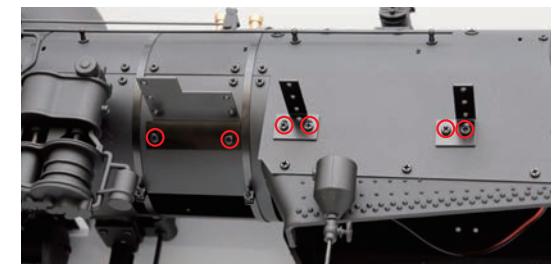
Phillips screwdriver



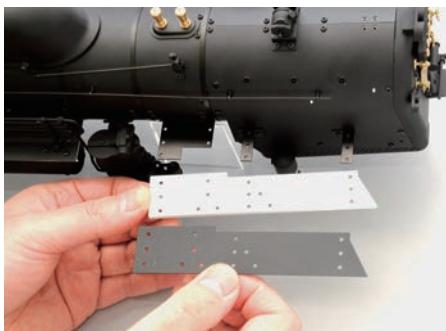
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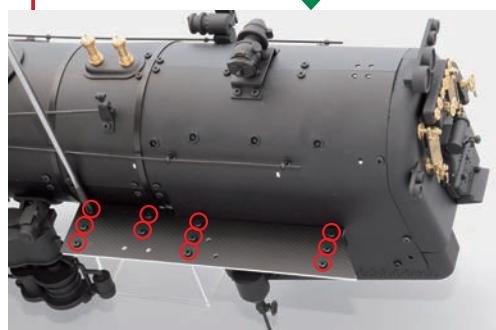
Line up the running board supports A, B and C to the left side of the body.



Secure with 2 x 3mm screws, but leave loose enough to allow for adjustment later.

**2**

Now line up the left rear running board and its base to the supports, orienting both parts as shown.



Layer the parts and secure using 2 x 3mm screws.

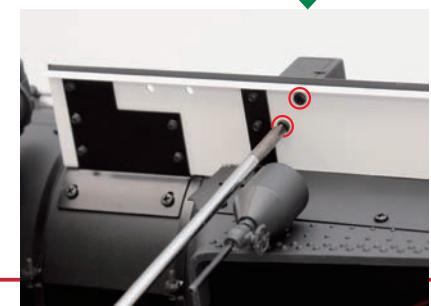


Once in place, return to fully tighten the supports' screws.

**3**

Note the moulded details

Line up the oil pump box to the top of the running board – position the part exactly as shown here.



Secure using two 2 x 4mm screws.

## Complete

**4**

Now join the coupling gear to the underside of the running board.

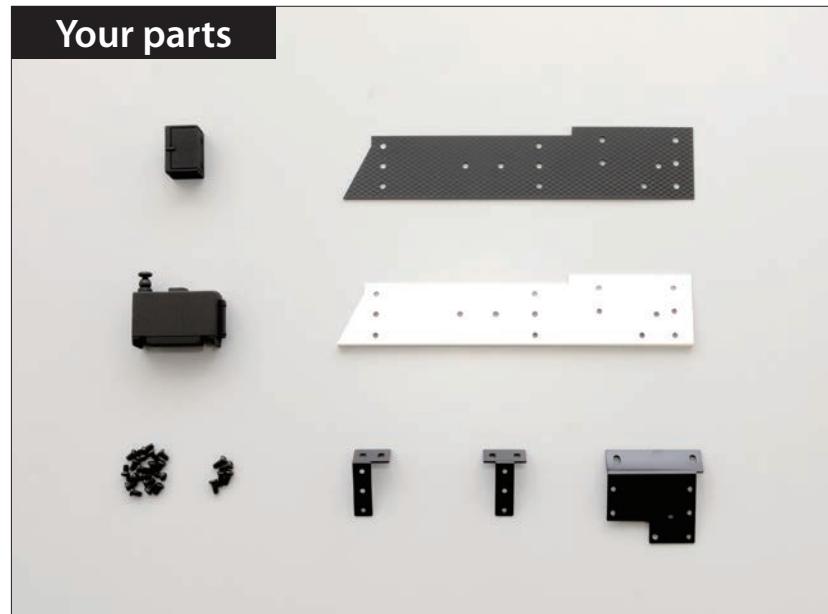


Secure (from the top) using two 2 x 4mm screws.



# The running board 6

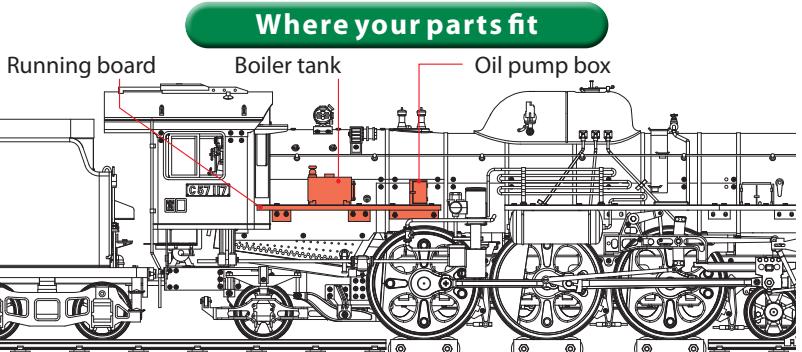
## Your parts



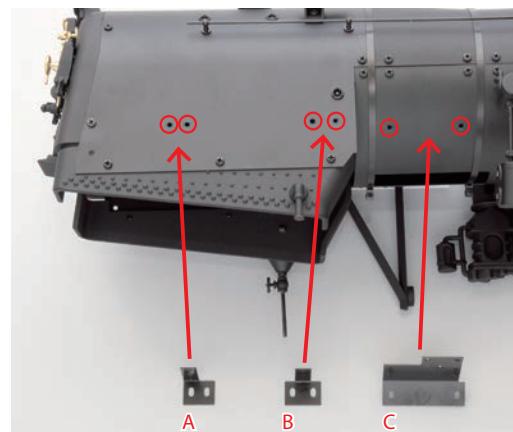
Running board (right rear)  
Running board base  
Running board support A  
Running board support B  
Running board support C  
Oil pump box  
Boiler tank  
Screws (2 x 3mm) x 18  
Screws (2 x 4mm) x 5

## Tools

Phillips screwdriver  
Synthetic rubber adhesive (SRA)



1

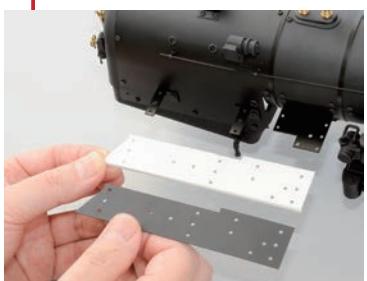


Line up the running board supports A, B and C to the right side of the body.

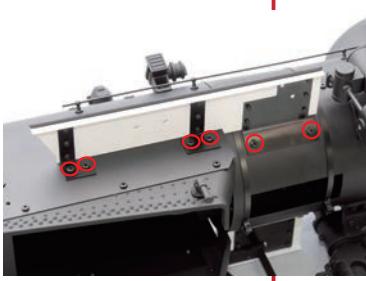


Secure these with 2 x 3mm screws, allowing room for adjustment.



**2**

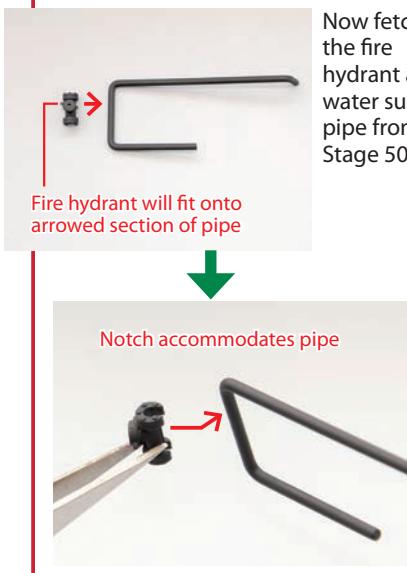
Line up the rear right running board and base as shown.



Once all in position, return and fasten the supports' screws fully.



Join the parts and secure to the supports using 2 x 3mm screws.

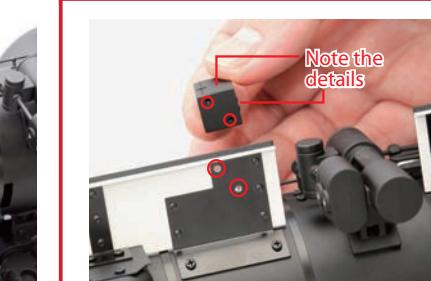
**4**

Now fetch the fire hydrant and water supply pipe from Stage 50.

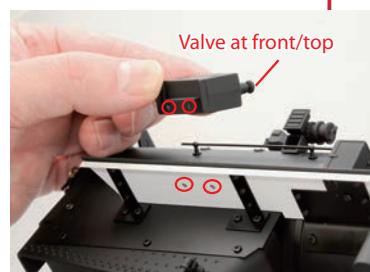


Your parts should look like this.

Fit the hydrant to the pipe as shown using SRA.

**3**

Next, orient the oil pump box as shown in the photo and set to the top of the running board.



Now line up the boiler tank as shown.



Secure with 2 x 4mm screws.



Secure with two 2 x 4mm screws.

**5**

Dab some SRA to the indicated tip of the pipe, and fit to the circled hole on the water supply pump assembly.

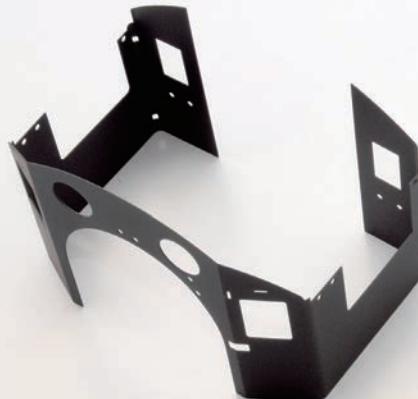


Now dab a very little SRA to the inside of the indicated length of pipe and set to the pump's side.

**Complete**

# The cab 1

## Your parts

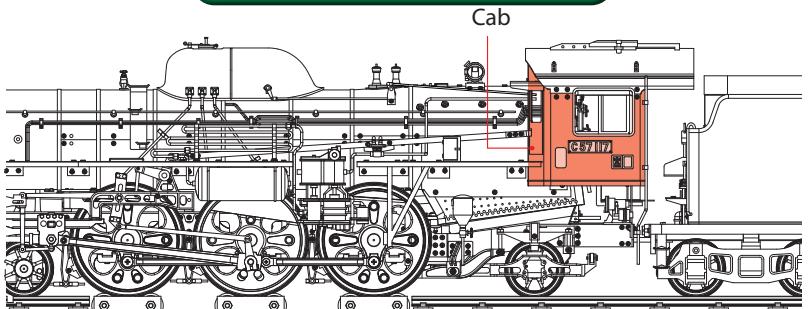


Cab  
Cab support  
Screws (2 x 4mm) x 5  
Screws (2 x 3mm) x 3

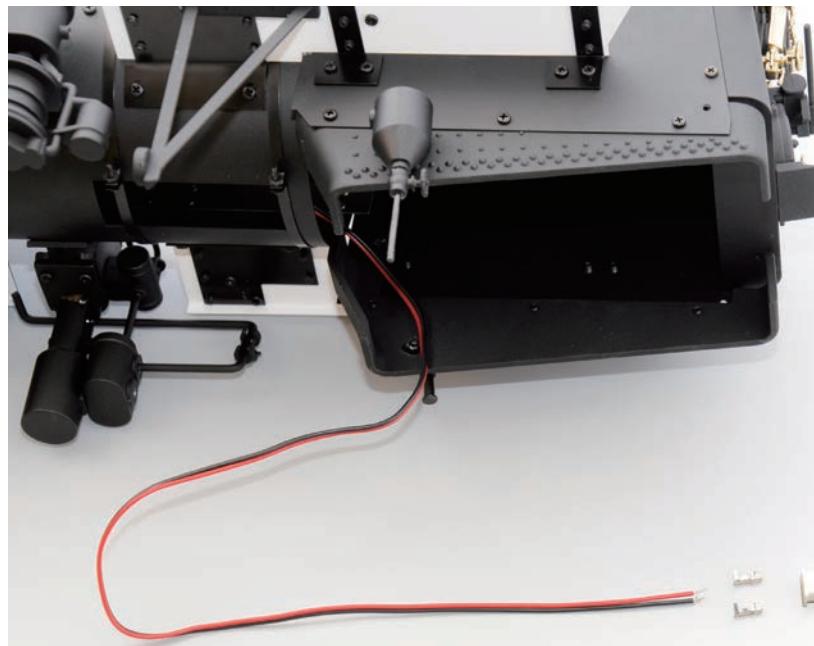
## Tools

Phillips screwdriver  
Pliers

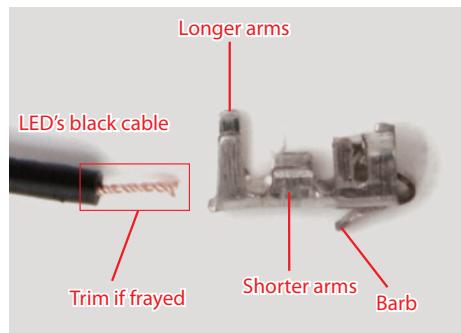
## Where your parts fit



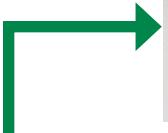
1



Take the headlight's two terminals and connector (Stage 31) and lay them out next to the headlight LED cable.

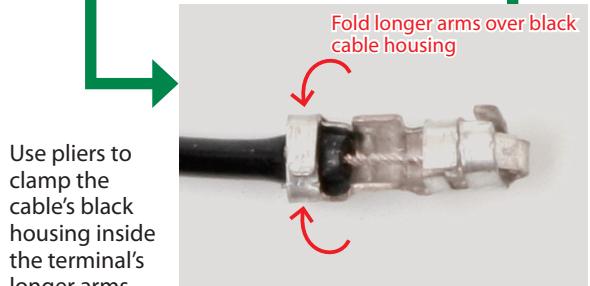
**2**

Fit the tip of the black cable's wire into one of the terminals, using the annotations as a guide.



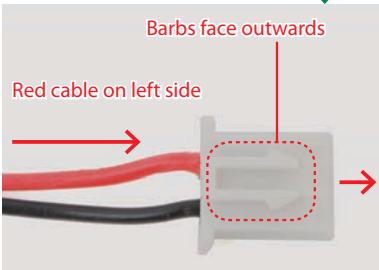
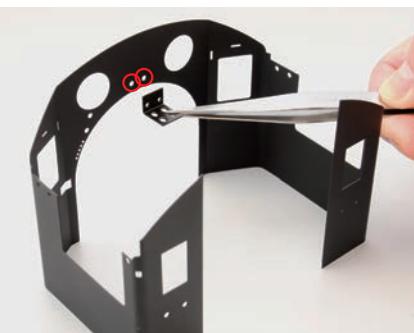
**Fold shorter arms over wire**

Now do the same for the shorter arms around the wire itself. No part of the wire should be left exposed.

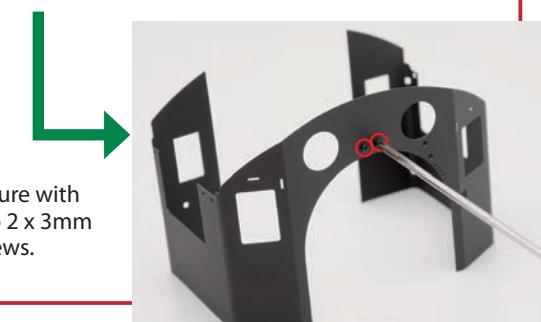


Use pliers to clamp the cable's black housing inside the terminal's longer arms.

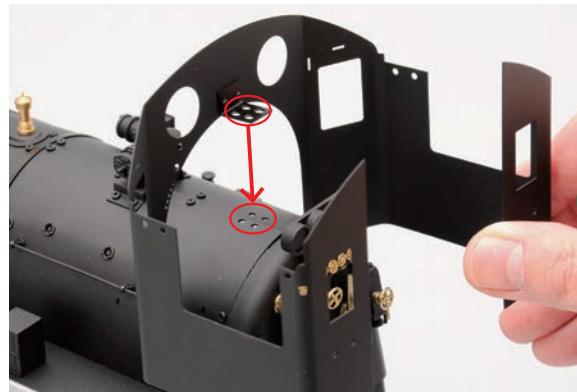
Repeat for the red LED cable, then fit both terminals into the connector. The red cable will enter on the left. Both terminals must be set fully within the connector.

**3**

Line up the cab support to the cab, as shown.



Secure with two 2 x 3mm screws.

**4**

Lower the cab onto the rear of the body, lining up the circled holes of the support with those in the firebox.



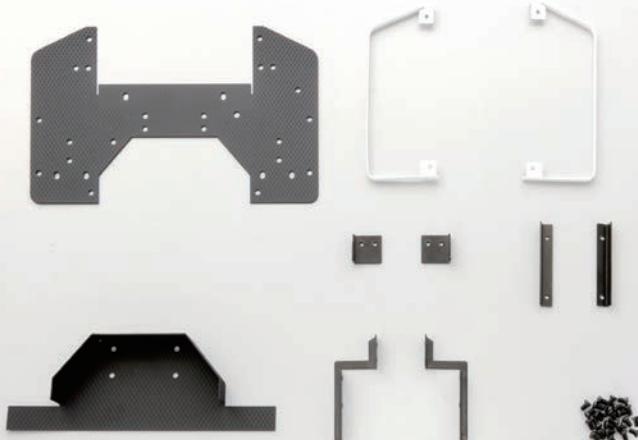
Secure with 2 x 4mm screws.

# Complete



# The cab 2

## Your parts

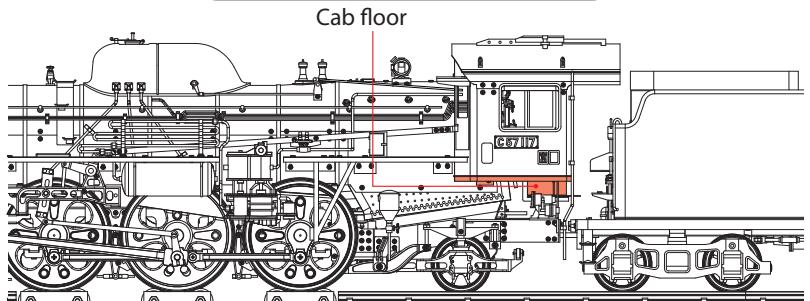


Cab floor A  
 Cab floor B  
 Floor edging (left)  
 Floor edging (right)  
 Stays A x 2 (left and right)  
 Stays B x 2 (left and right)  
 Stays C x 2 (left and right)  
 Screws (2 x 3mm) x 25

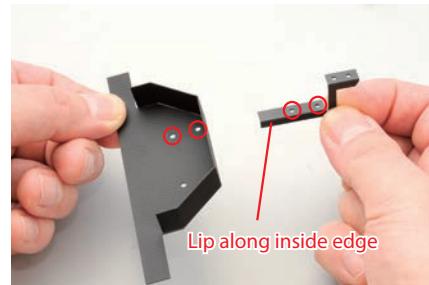
## Tools

Phillips screwdriver  
 Synthetic rubber adhesive (SRA)

## Where your parts fit



1



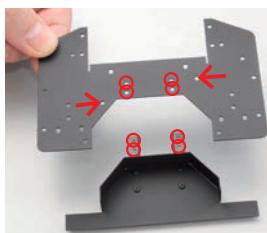
Line up left stay C to the underside of cab floor B. Check the photo closely to ensure you have the correct part.



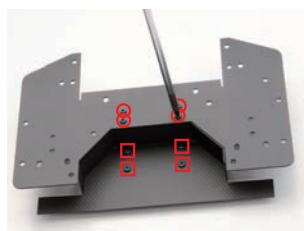
Secure with two 2 x 3mm screws – but only lightly at this stage to allow for adjustment later.



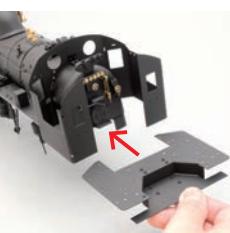
Repeat for the right stay C.

**2**

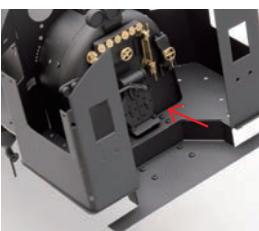
Secure the parts with 2 x 3mm screws. Then go back and fully tighten the ones fitted in Step 1.



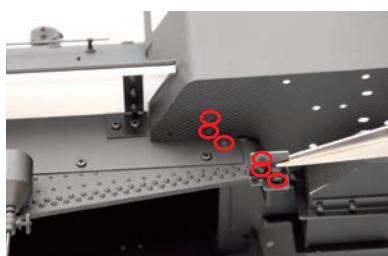
Now line up the holes in cab floor A to those in the two stays C. Note the location of the two arrowed holes to get the orientation correct.

**3**

Slide the cab floor under the backhead (arrowed).



Slide the cab floor assembly under the rear of the body, beneath the cab.

**4**

Align the holes in left stay A with those in the floor and firebox.

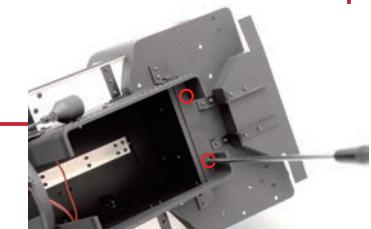


Also tighten a 2 x 3mm screw into the side hole.



Hold the stay in place and secure with 2 x 3mm screws, from the top.

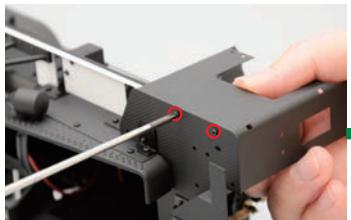
Repeat for right stay A. Then turn two more 2 x 3mm screws into the holes on the underside, circled below.

**5**

Take the left stay B and apply SRA to the lip that has no holes in it.



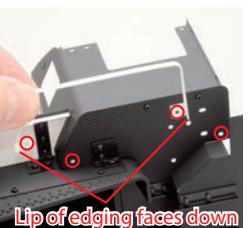
Place this on the inside-left side of the cab, matching the circled holes.



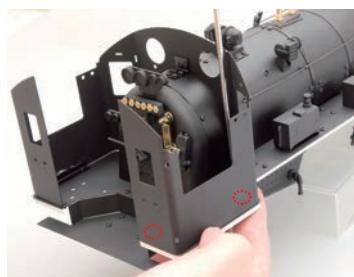
Hold the stay in place and secure with two 2 x 3mm screws, from the underside.



Repeat for the right stay B.

**6**

Now join the left floor edging to the bottom-left side of the cab floor, matching the circled holes.



Repeat for the right floor edging.



Reinforce the join along the underside of the cab floors with a few spaced dabs of SRA.

# Complete

