



Build the

C57

Steam
Locomotive

Pack 01



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Step by step

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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 smokebox door

Your parts

C 57 117

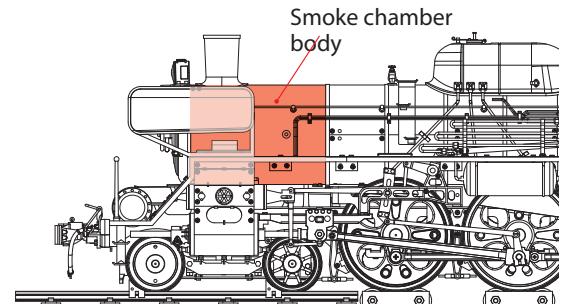
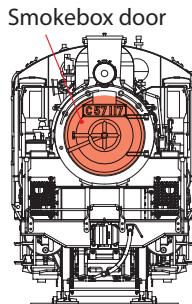


Number plate
Brass wire
Smokebox door
Mounting jig
Smokebox

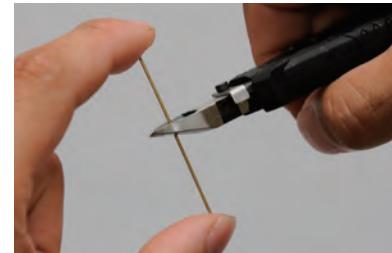
Tools

Cutters
Tweezers
Sandpaper
Instant adhesive

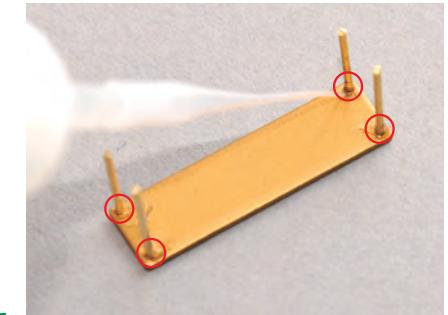
Where your parts fit



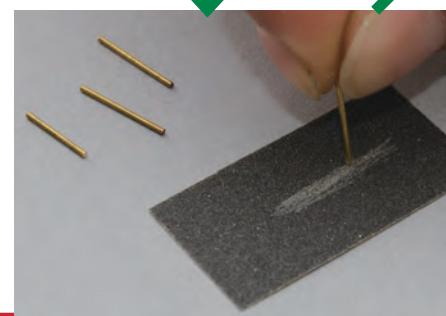
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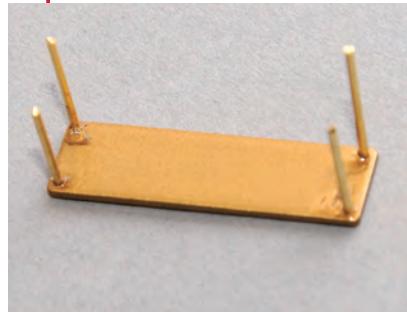
Cut the brass wire into four roughly equal lengths.



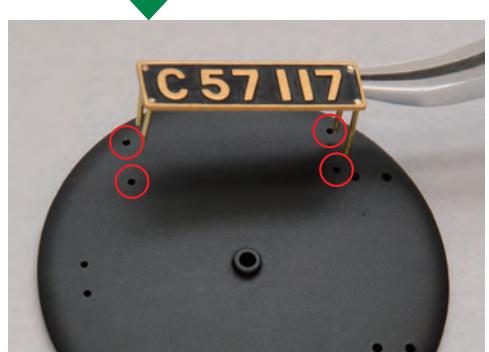
Place the number plate upside down and test-fit the four lengths of wire in the holes in the corners. Adjust the fit if necessary, and apply instant adhesive to secure the four lengths in place.



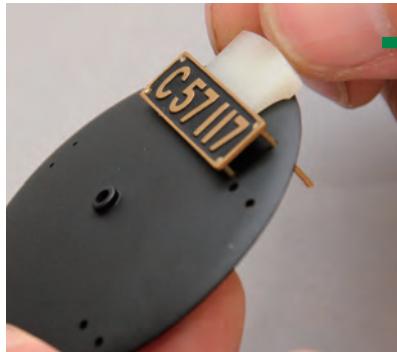
Smooth the ends of the lengths of wire with sandpaper to remove any rough or sharp edges.

2

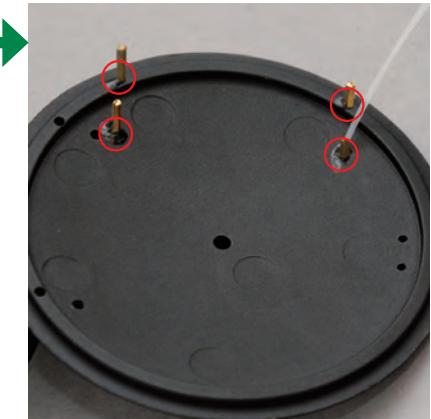
The instant adhesive can take a few minutes to set, so leave the number plate to one side.



When dry, insert the four lengths of wire on the back of the number plate into the four holes on the smokebox door, as shown.

3

Insert the mounting jig between the number plate and the door, at the top.

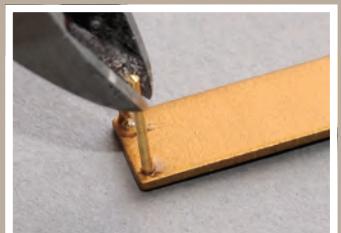


Turn the smokebox door over and apply instant adhesive to the holes where the lengths of wire are coming through.

Tips



Instead of cutting the brass wire into four equal lengths, you can cut two long and two shorter pieces, as shown.



You can also cut the ends of the wire at an angle, to make it easier to insert them into the holes.

4

Once the adhesive has dried, remove the mounting jig and cut away the protruding lengths of wire from the back of the smokebox door.

Complete



The smokebox

Your parts

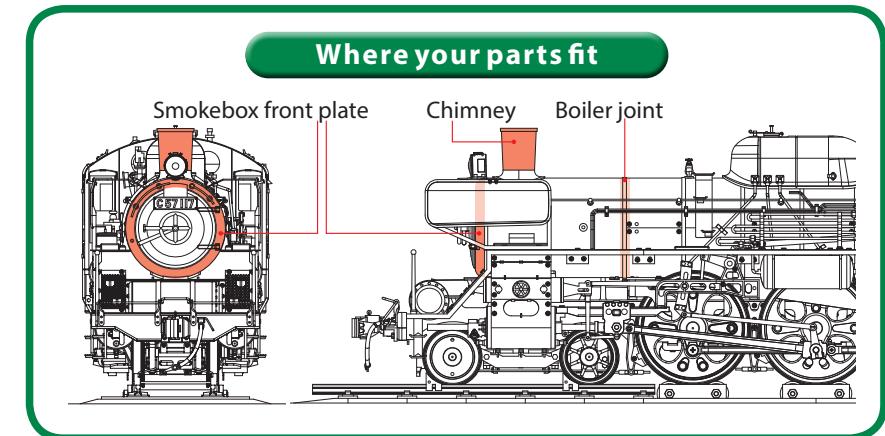


Smokebox front plate
Boiler joint
Chimney
9 screws 2 x 4mm

Tools

Phillips screwdriver
Instant adhesive
Multi-purpose adhesive
Masking tape

Where your parts fit



1



Place the smokebox door onto the smokebox front plate.



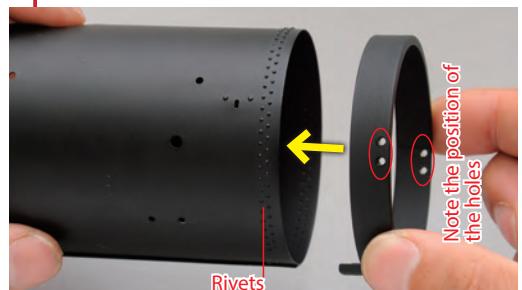
Close one of the hinges, inserting the pins into the corresponding holes in the smokebox door.



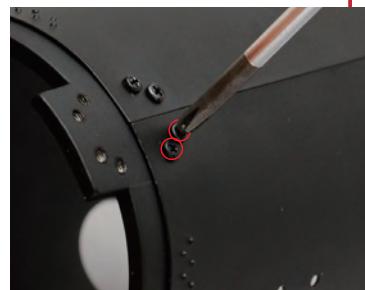
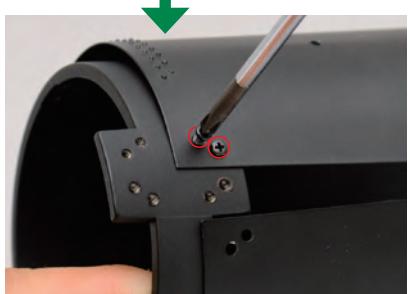
Close the other hinge into the smokebox door as well.



Open the smokebox door, and apply a small amount of instant adhesive to the holes housing the hinge pins (circled).

2

Hold the boiler joint as shown, and place it into the riveted end of the smokebox.



Align the circled screw holes and tighten two 2 x 4mm screws into them.

3

Fasten the smokebox door closed with some masking tape.



Apply some multi-purpose adhesive around the inside of the front of the smokebox (yellow-shaded area).



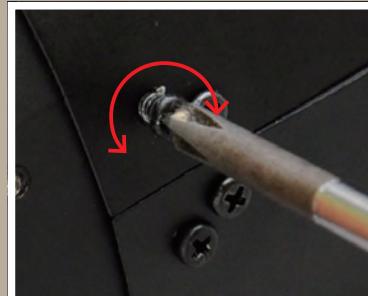
Push the smokebox door into place at the front of the smokebox, and secure it with four 2 x 4mm screws (circled).

Complete**Tips**

Use a toothpick to remove any excess multi-purpose adhesive from the smokebox before it dries.



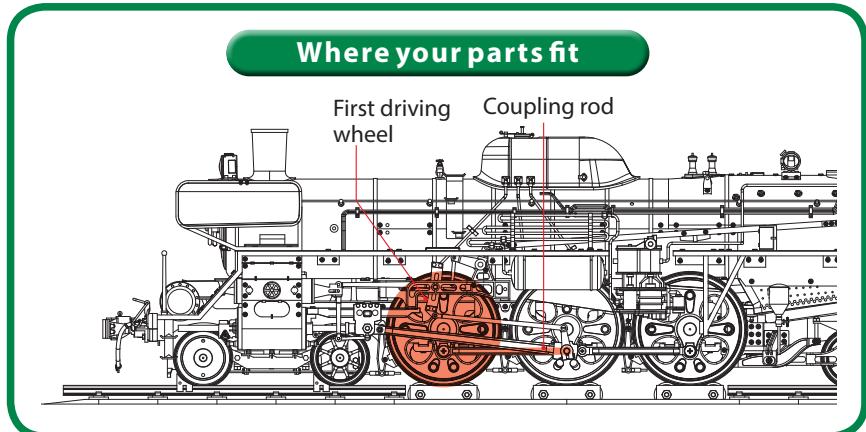
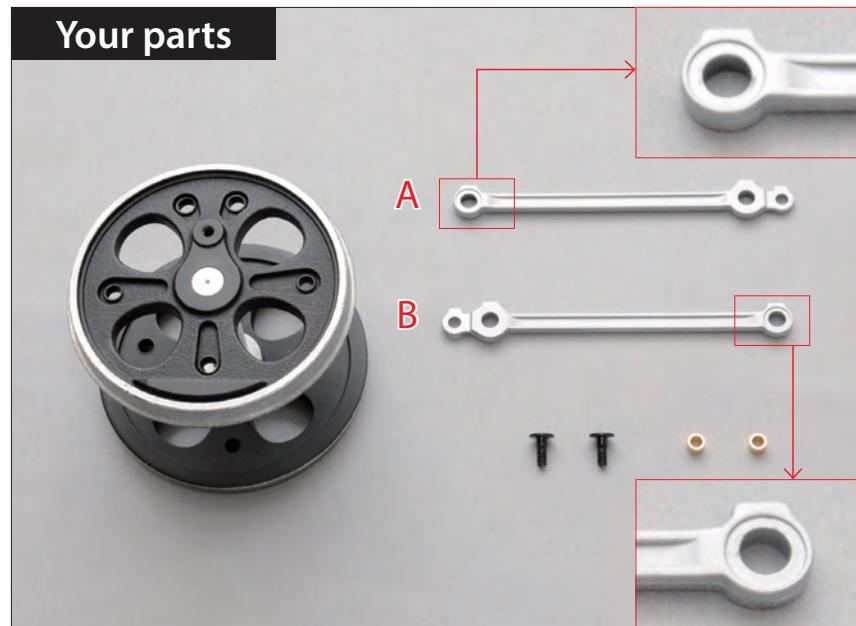
Fold one end of the masking tape securing the door over on itself, so it is easier to remove when needed.



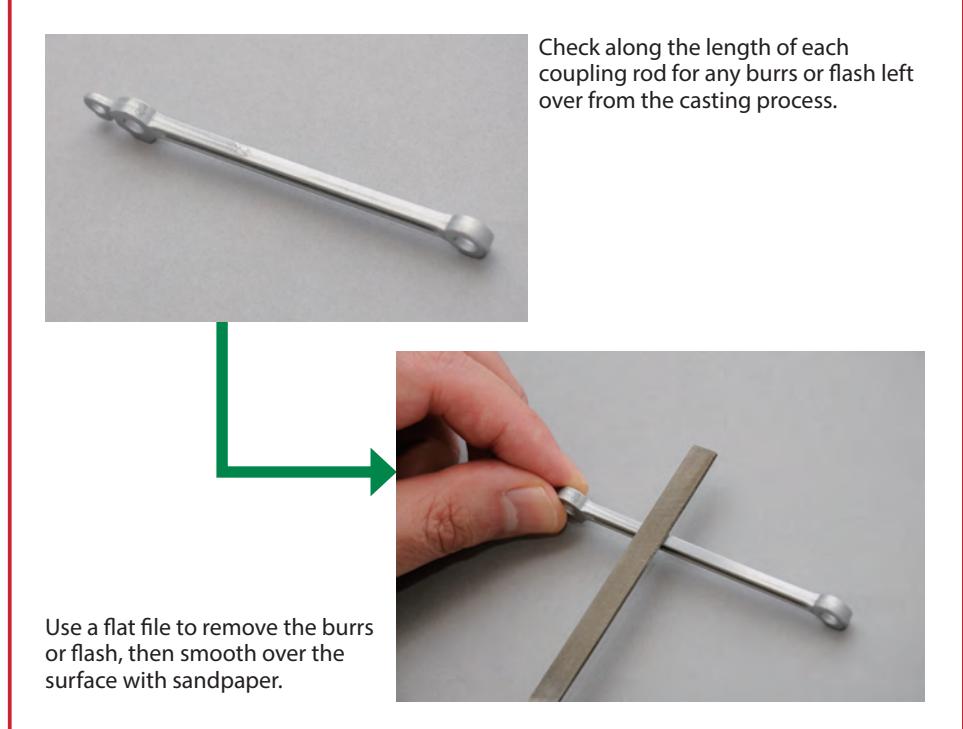
Don't force the screws, as you may damage the paint. Tighten them in turn, a little at a time, easing them in.



The first driving wheels and coupling rods

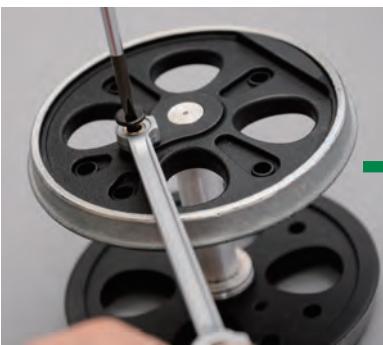


1

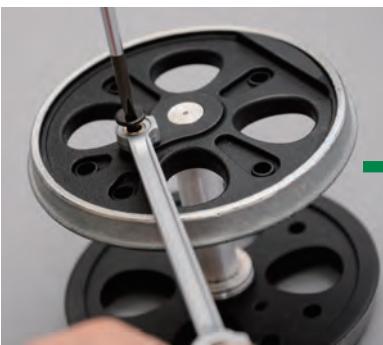


2

The outsides of the coupling rods have recesses around the holes.

3

Align the hole at the end of coupling rod A with the circled hole in the wheel.



Insert a rod pin through the bush at the end of the rod, and screw it into the wheel. This will secure the coupling rod to the wheel.



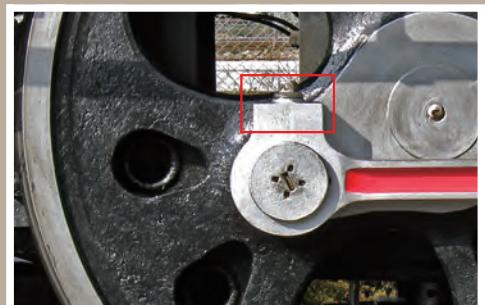
Check that the rod rotates smoothly around the pin.



Insert a bush into the hole in the coupling rod.

Tip

The projection on the square top of the end of the connecting rod is called the 'oil pot', and it supplies lubricating oil to the moving parts.

**4**

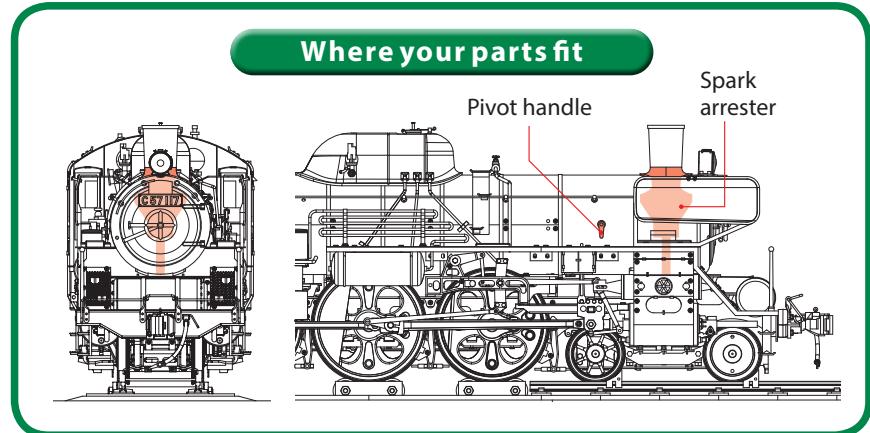
Repeat Steps 2 and 3 to fit coupling rod B to the other side of the wheels.

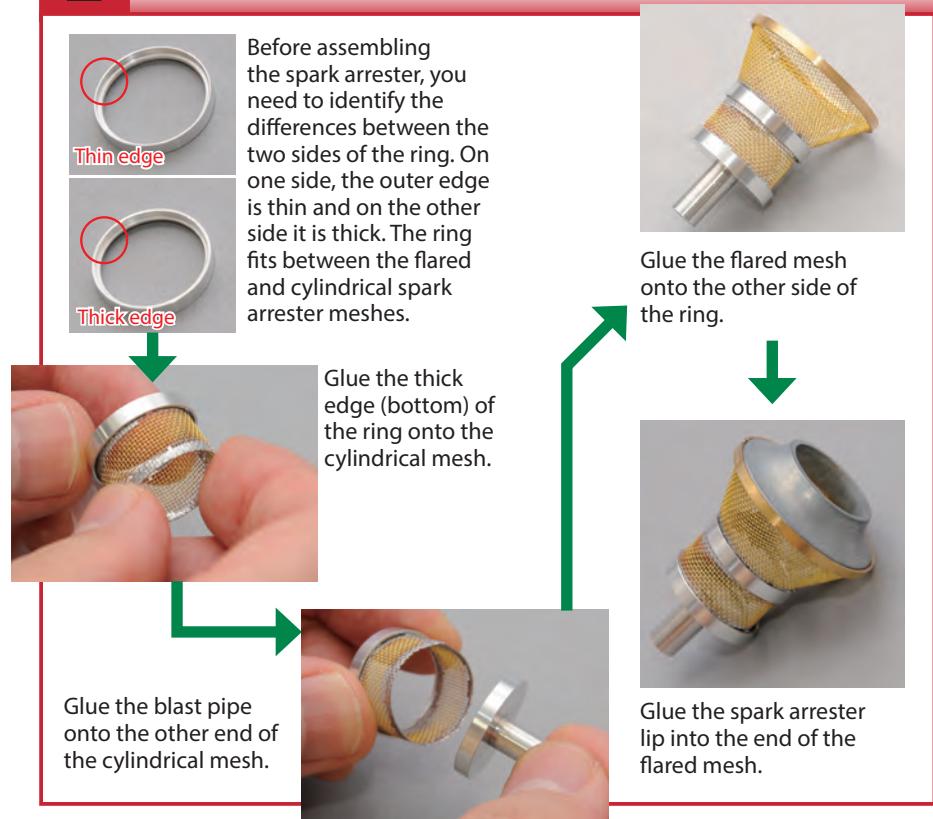
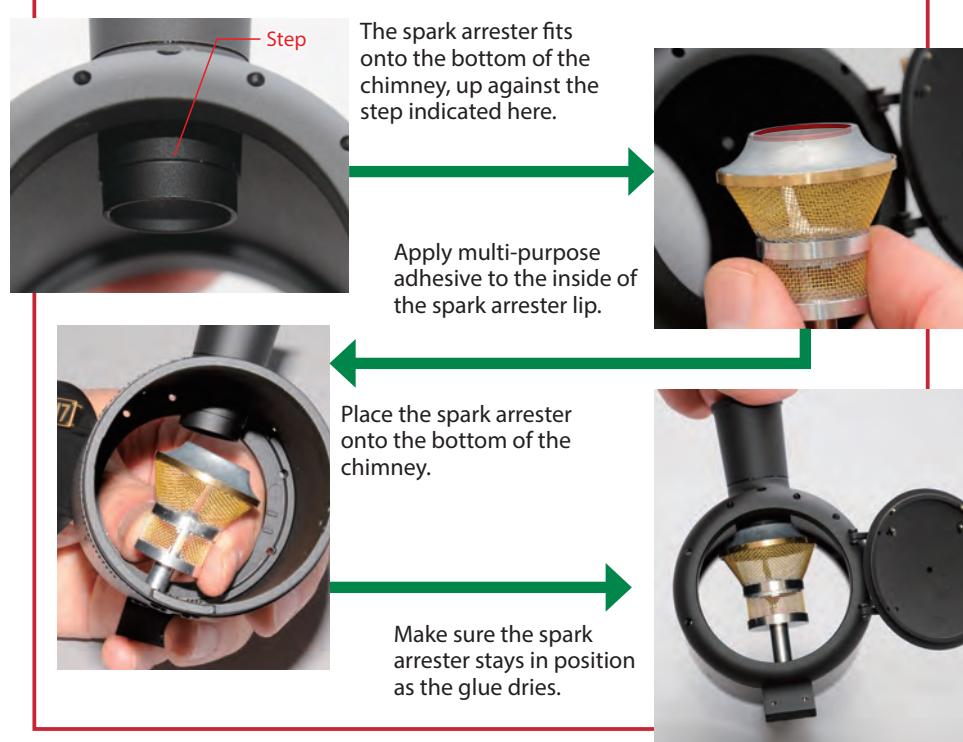
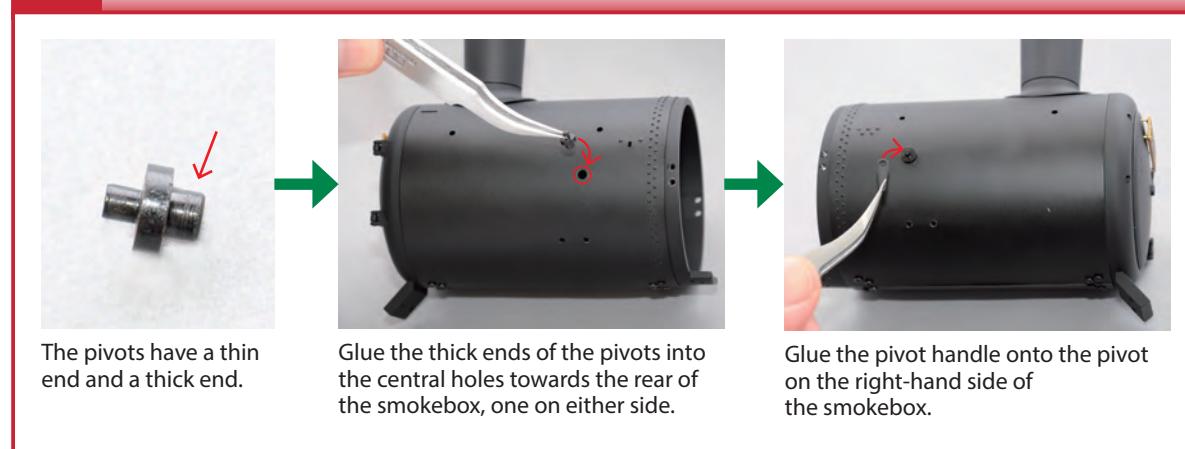
Complete

The chimney, spark arrester and blast pipe



Chimney lip	Tools
Spark arrester lip	Tweezers
Spark arrester mesh (flared)	Multi-purpose adhesive
Spark arrester ring	
Spark arrester mesh (cylinder)	
Blast pipe	
Pivots x 2	
Pivot handle	



2**3****4****Complete**