The base 3

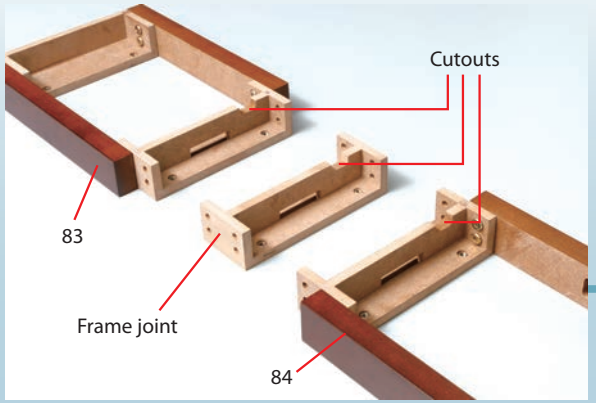
Your parts

Frame joint
Cap bolts × 16
Side frames A × 3
Side frame B

Required tools

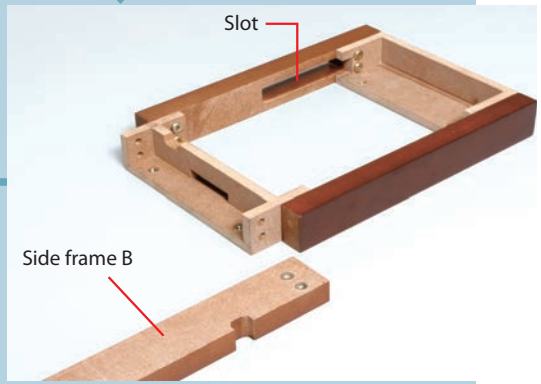
Hex wrench

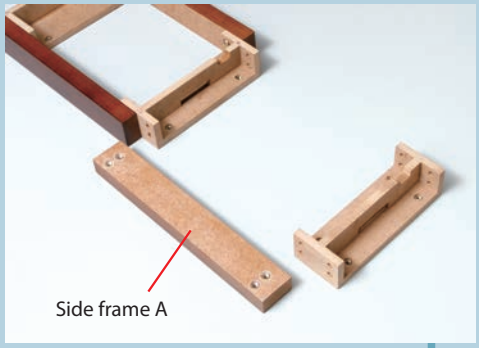
1 Assembling the base 1



Place the frame joint between the assemblies from Stages 83 and 84, as shown, aligning the cutouts of each.

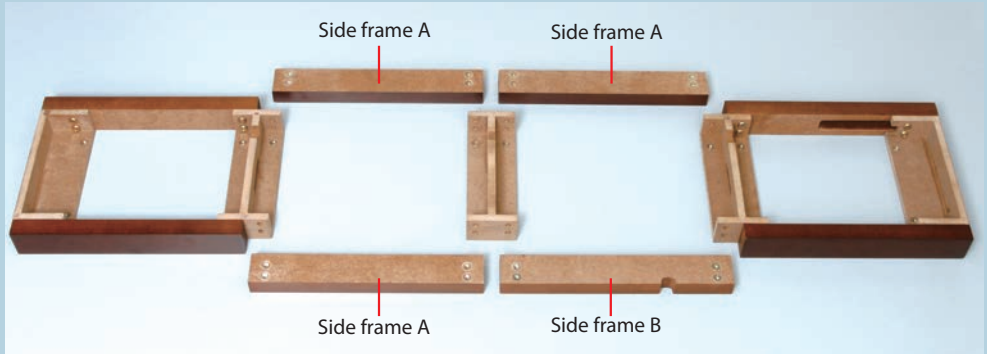
Side frame B should be positioned up against the rear frame (84) on the opposite side to the slot.





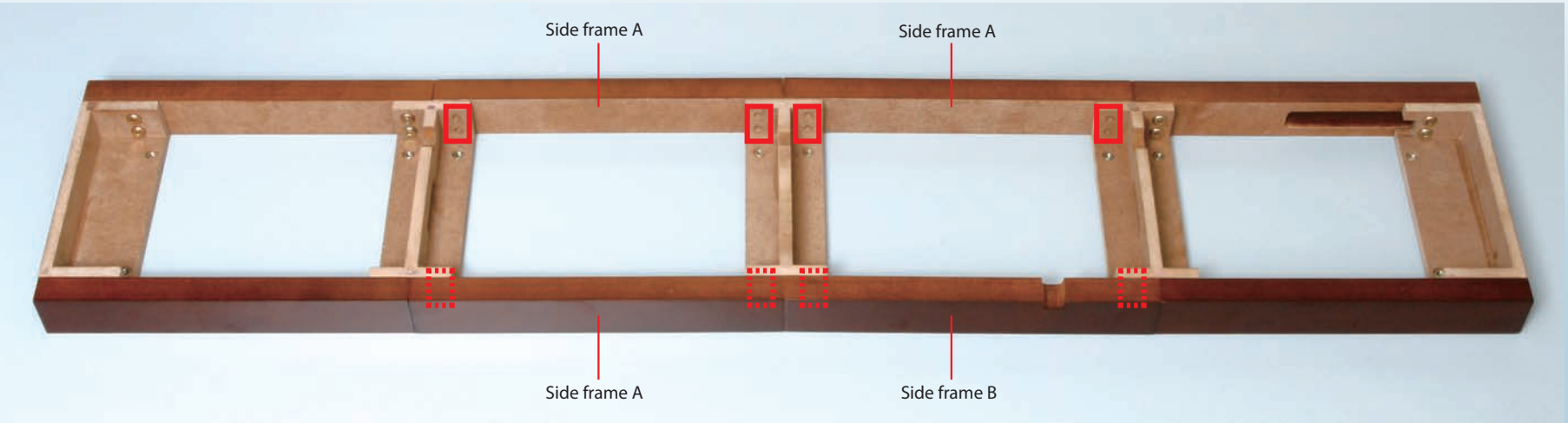
Side frames A (x3) fit at the remaining spaces between the frame joints.

Position the side frames, frame joint and two assemblies as shown.



2 Assembling the base 2

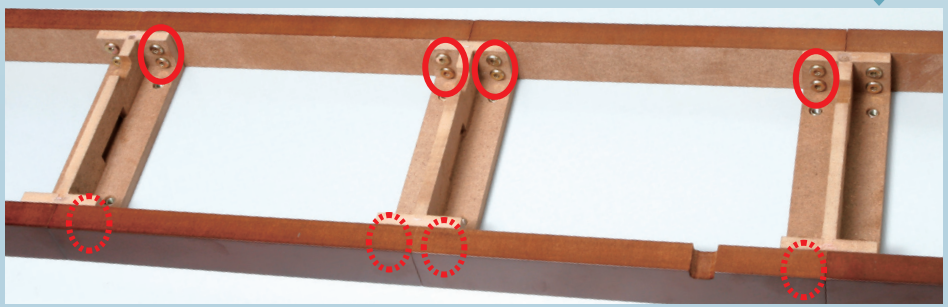
Align the screw holes of the frame sides and frame joints.



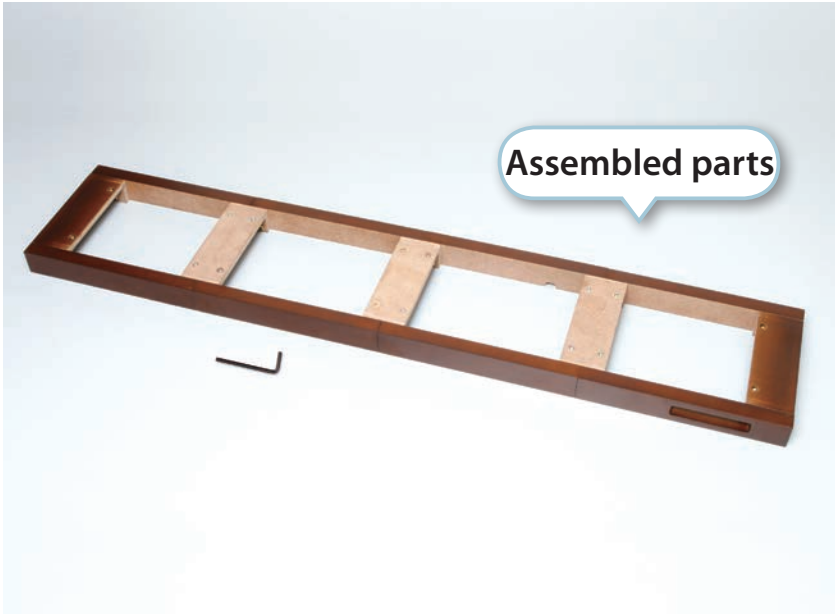
3 Assembling the base 3

Place a cap bolt into one of the holes and tighten it by hand.

Use the hex wrench to tighten the cap bolt fully into the hole.

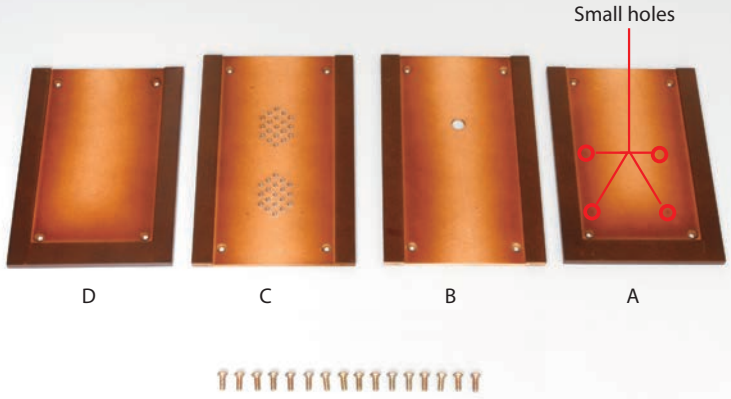


Screw a cap bolt into each of the remaining holes to secure the frame sides to the frame joints.



The base 4

Your parts

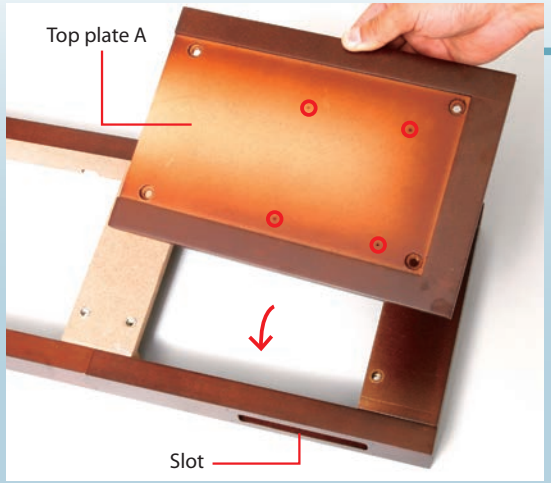


Top plate D
Top plate C
Top plate B
Top plate A
Cap bolts × 16

Required tools

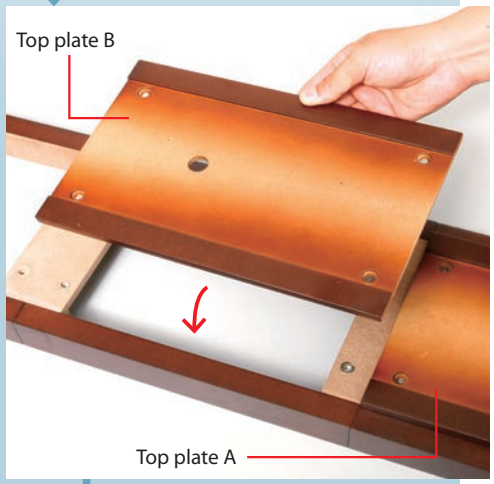
Hex wrench

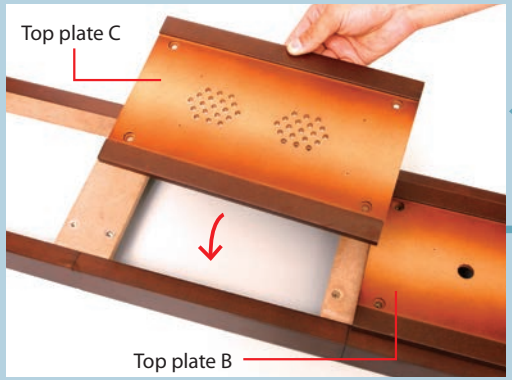
1 Fitting the top plates 1



Place top plate A, identified by the four small holes (circled) on top of the rear of the frame, aligning the larger holes in the corners with those in the frame.

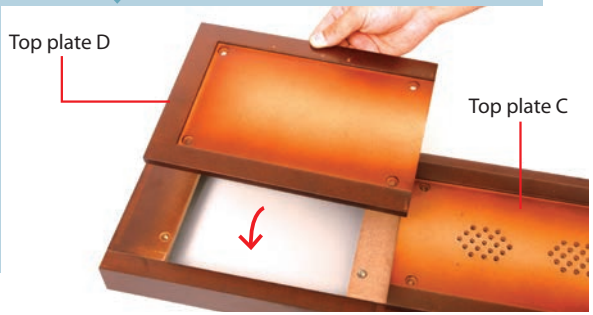
Place top plate B up against plate A , aligning the four holes in the corners with those in the frame below.





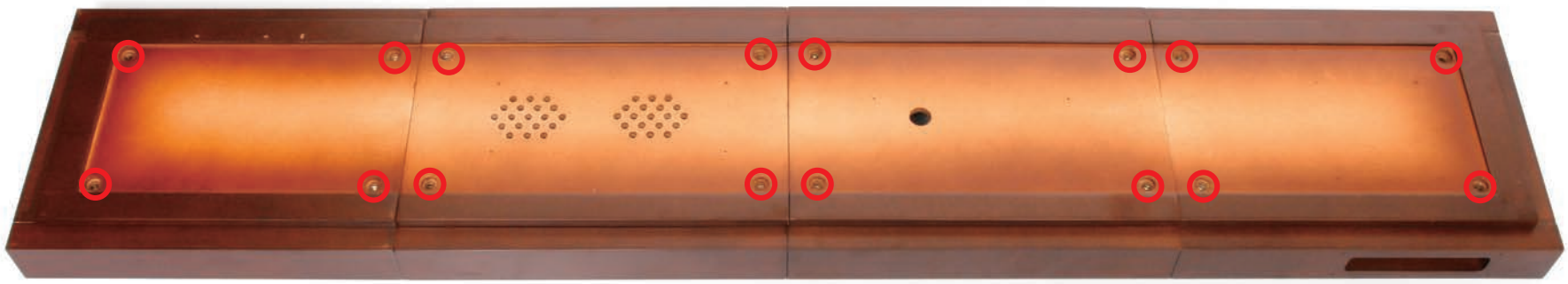
Place top plate C onto the frame, next to plate B.

Place top plate D at the front end of the frame.



2 Fitting the top plates 2

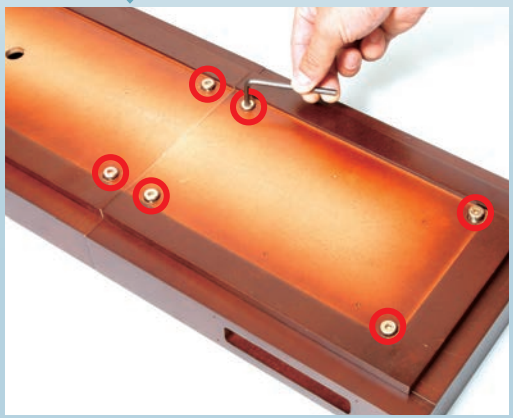
Make sure that the screw holes of the top plates are aligned with the corresponding holes in the frames below.



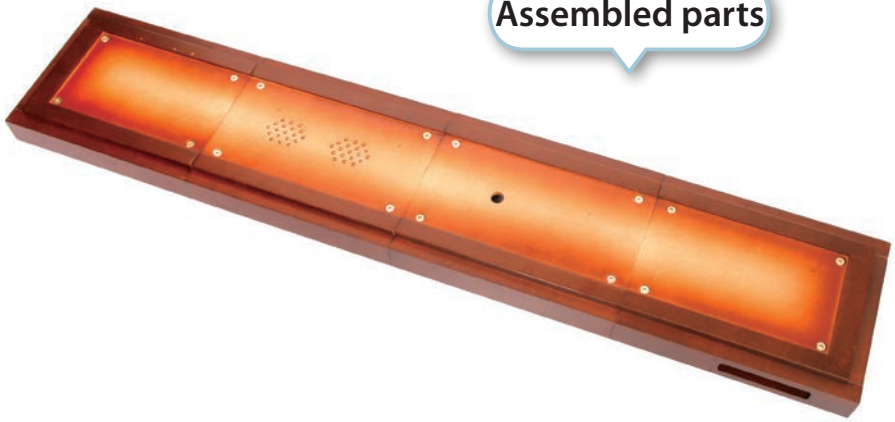
3 Fitting the top plates 3

Insert a cap bolt into each of the 16 holes and screw into place by hand.

Use the hex wrench to tighten the cap bolts fully into the holes.



Assembled parts



The speaker

Your parts

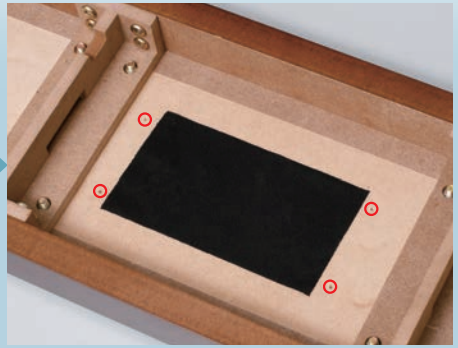
Speaker protection cloth
Self-tapping screws × 12
Speaker cable
Speaker
Speaker cover

Required tools

Phillips screwdriver

1 Preparing the base

Turn the base assembly over and place the speaker protection cloth over the holes on the underside of top plate C.

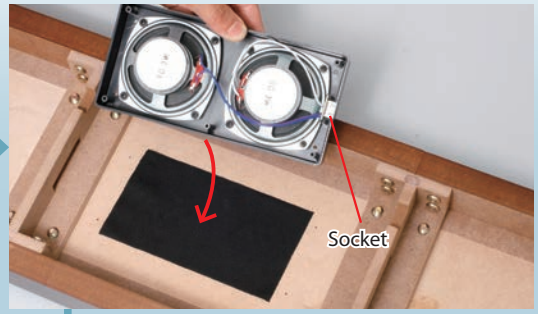


Position the cloth so that the four circled holes are not obstructed.

2 Fitting the speaker

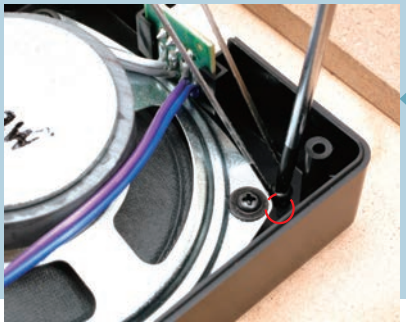
Place the speaker onto the protection cloth.

Insert the speaker socket (attached to the speaker) into the mount at the side of the speaker.



Adjust the position of the speaker so that the four circled holes align with those in the top plate.

Tighten a self-tapping screw into each of the four holes.

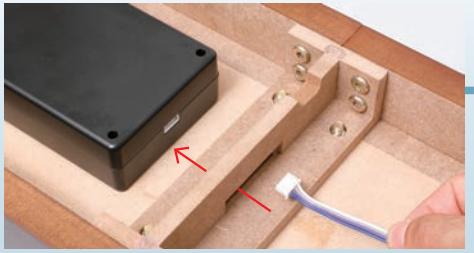


3 Fitting the speaker cover

Place the speaker cover onto the back of the speakers, making sure that the socket doesn't come loose from its mount.

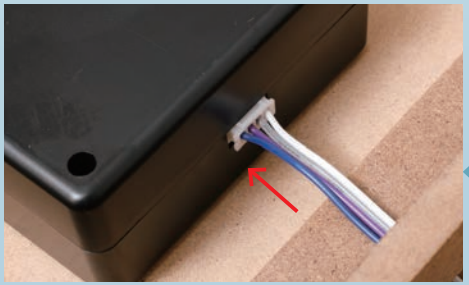
Tighten a self-tapping screw into each of the six circled holes in the speaker cover.

4 Fitting the speaker cable 1



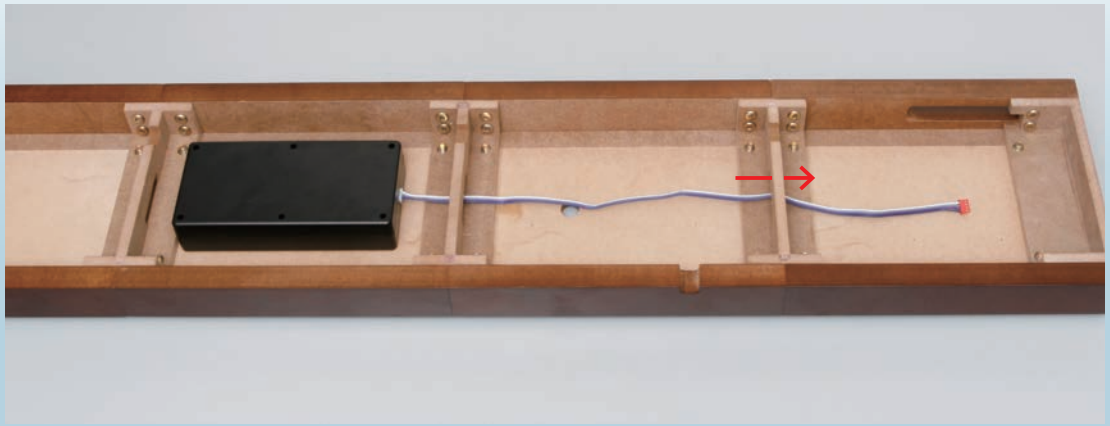
Pass the white plug of the speaker cable through the hole in the frame joint next to the end of the speaker that has the socket in it.

Turn the cable around so that the projection is facing upwards.



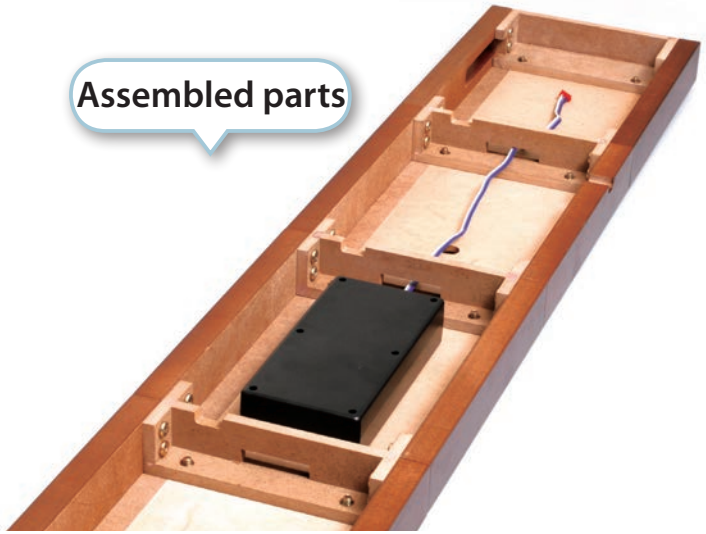
Firmly insert the plug into the socket, as shown.

5 Fitting the speaker cable 2



Pass the other end (red plug) of the speaker cable through the next frame joint.

Assembled parts



The switchboard and battery box

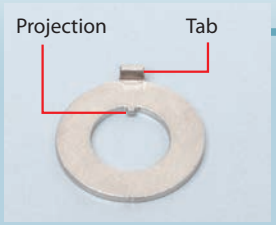
Your parts

Battery cable
Motor cable (Not used this time)
Light cable (Not used this time)
Washers × 5
Hex nuts × 10
Self-tapping screws (2.3 × 8mm) × 6
Self-tapping screws (2.6 × 8mm) × 5
Switches
Switch plate
Switchboard
Battery box

Required tools

Phillips screwdriver
Pliers
Instant adhesive

1 Fitting the washers



Locate the projection and tab on each washer before using it.

Insert the tab of one washer into the circled hole on the flat side of the switchboard.

Apply instant adhesive around the edge of the washer. Then glue the rest of the washers into place on the switchboard.

2 Fitting the switches

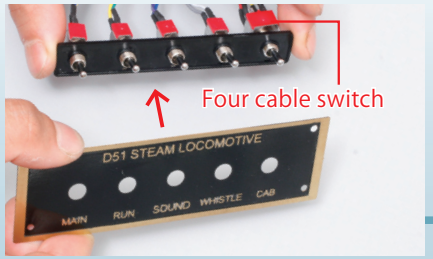
Place a hex nut onto the threaded part of one of the switches.

Turn the nut until it reaches the middle of the thread.

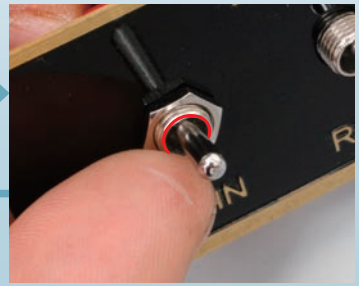
Insert the end of the switch into the first hole on the switchboard, aligning the groove with the projection on the washer.

Fit a hex nut onto each of the remaining four switches, then fit them into the switchboard, in the order shown in the photo.

3 Fitting the switch plate



Place the switch plate over the switches and up against the switchboard. Make sure the four-cable switch goes through the 'CAB' hole.

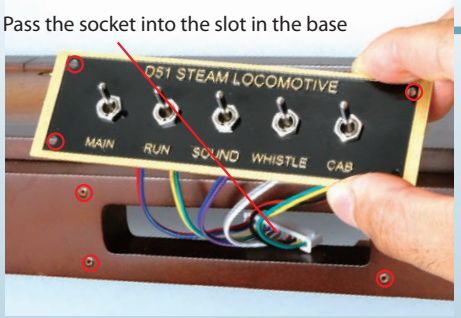


Screw a hex nut onto each of the switches, as far as it will go.

Tighten the nuts on the back of the switchboard to secure the switches in place.

4 Mounting the switch board

Pass the socket into the slot in the base



Half-tighten a 2.3 x 8mm self-tapping screw into one of the holes to hold the board in place.

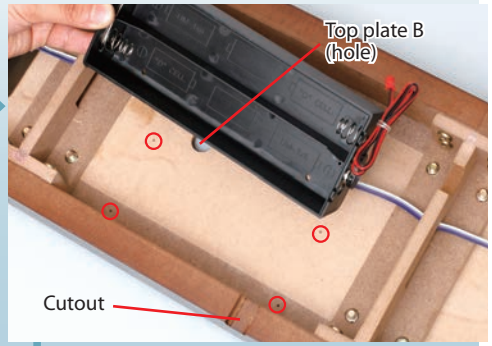
Be careful when using the two screws as they are very similar in size. They are both 8mm long and have a width difference of only 0.3mm.

Place the switchboard over the slot in the side of the base, aligning the circled holes.

Half-tighten a 2.3 x 8mm screw into each of the remaining three holes. When all three are in place, fully tighten each one.

5 Fitting the battery box

Push the connector on the end of the battery cable onto the one on the battery box.



Place the battery box up against the underside of top plate B, aligning the four screw holes in the box with those circled.

Tighten a 2.6 x 8mm self-tapping screw into each of the four holes in the battery box.

Place the box lid onto the back of the battery box and secure with a 2.3 x 8mm screw.

Tip

For ease of battery replacement, you can choose not to install the battery box into the base. You can assembly the battery box outside of the base, and pass the wire through the cutout in the frame side.