

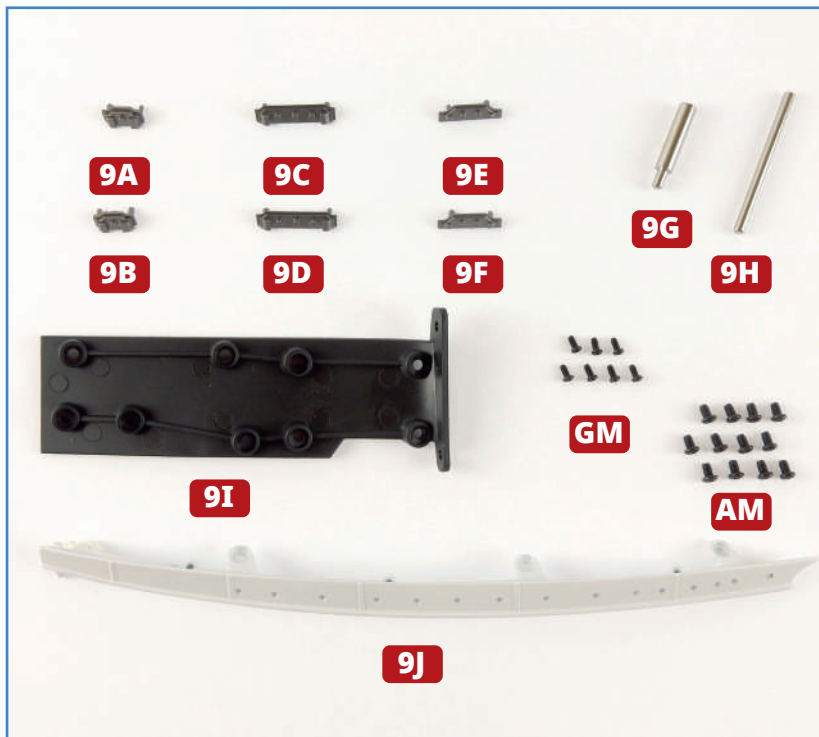
# TITANIC

THE SHIP • THE LEGEND

Pack 3

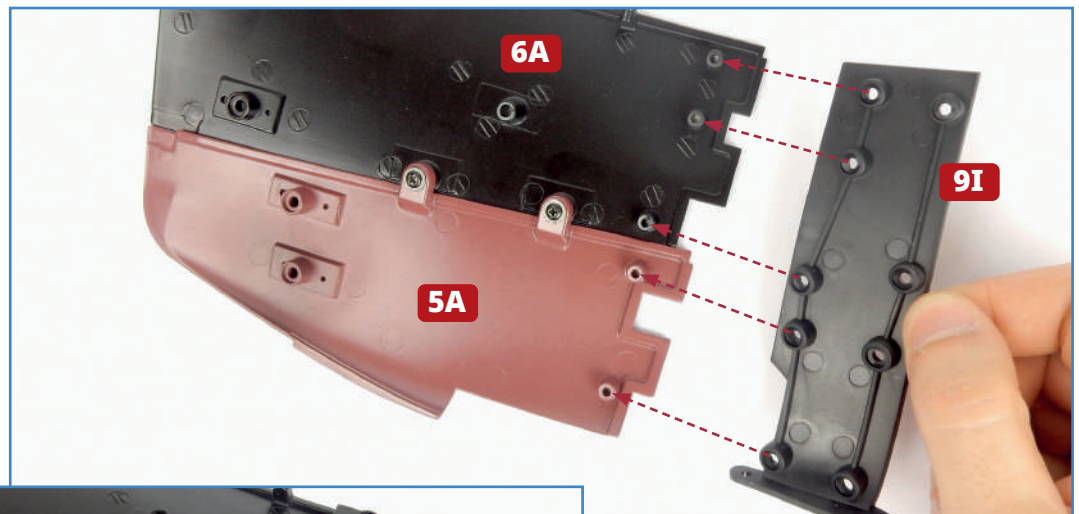


# ASSEMBLING THE BOW

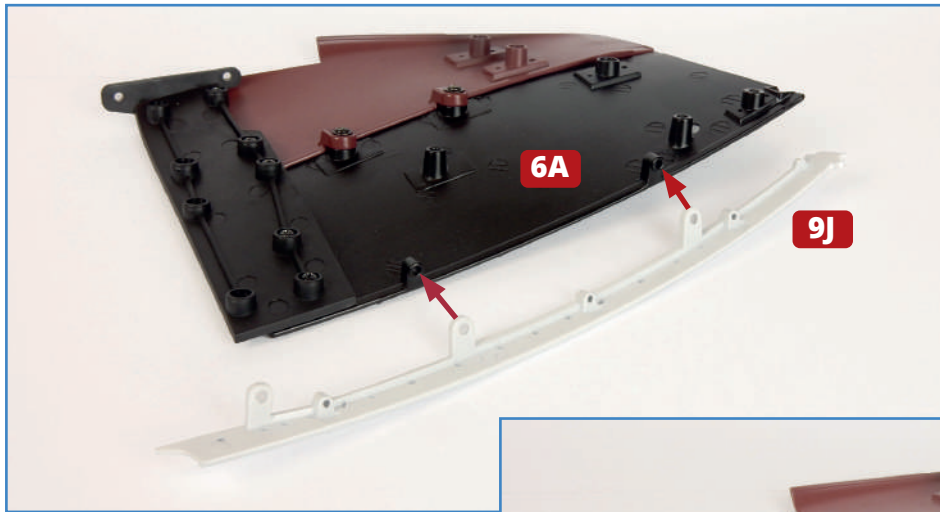


## PARTS IN THIS ISSUE

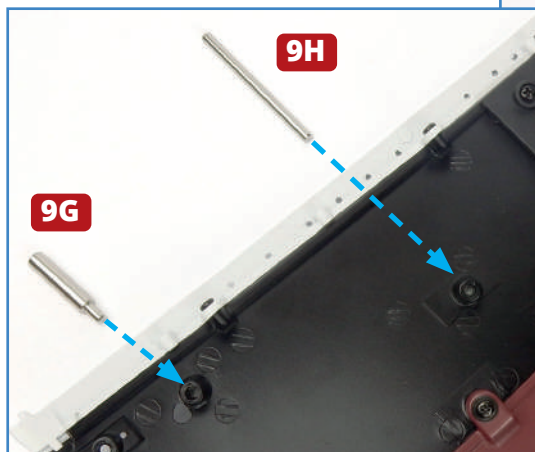
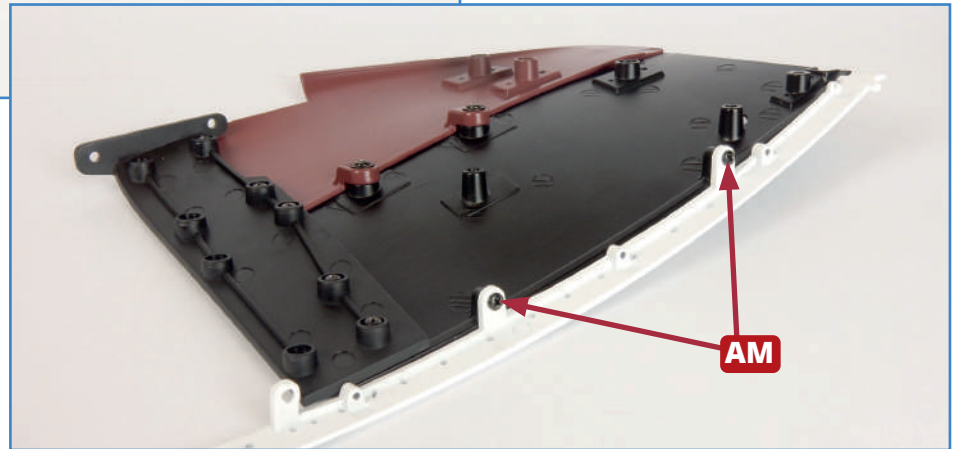
- 9A** Cleat A
- 9B** Cleat B
- 9C** Cleat C
- 9D** Cleat D
- 9E** Cleat E
- 9F** Cleat F
- 9G** Spacer A
- 9H** Spacer B
- 9I** Joining panel
- 9J** Starboard top strip of the forecastle hull
- GM** Seven PM screws (1 spare)
- AM** Twelve PM screws (1 spare)



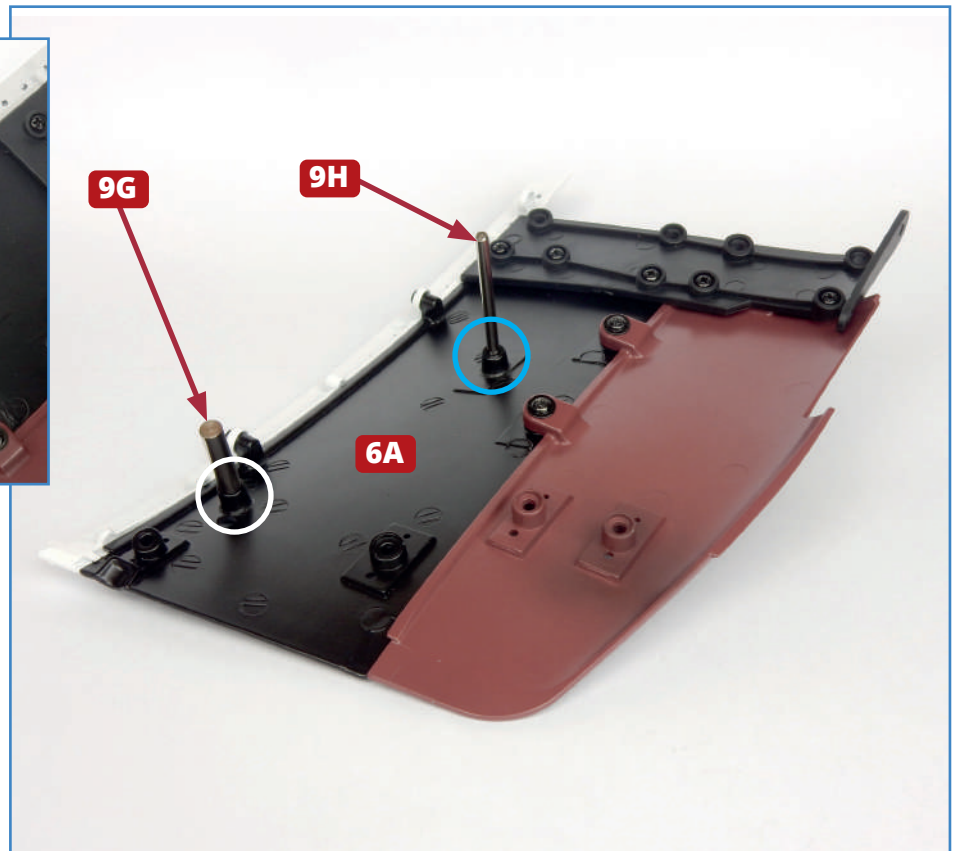
**1** Take the joining panel **9I** and check how it fits to the starboard hull sections assembled in issue 6, as indicated by the arrows. Fix the panel in place with five of the **AM** screws.



**2** Position the top strip **9J** along the top of the hull section **6A**, so that the screw holes are aligned. Fix the strip in place with two **AM** screws, as shown below.

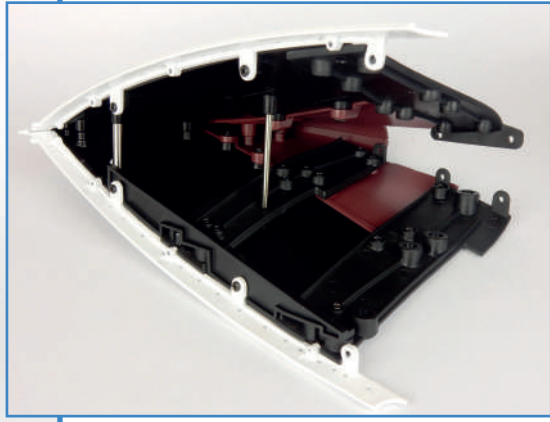
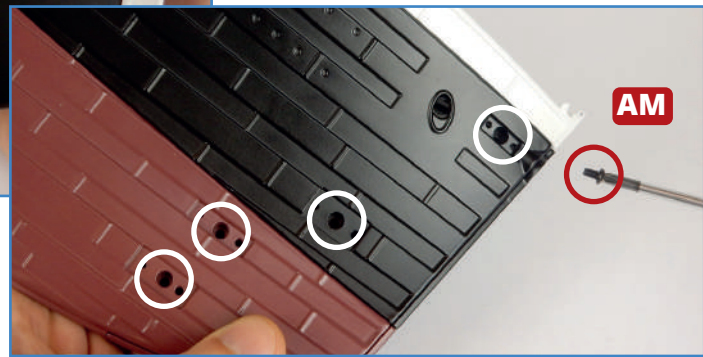


**3** Take the two spacers **9G** and **9H**. Note that **9G** is the shorter spacer. Fit the thin end of spacer **9G** in the socket on the inside of hull section **6A** (circled in white, right). Fit spacer **9H** into the second hole (circled in blue).





**4** Take the port and starboard sections of the hull. Check how they fit together, so that the bow edges of the assemblies are aligned. Take care to ensure that the spacers **9G** and **9H** remain in position as you fit the assemblies together. Turn the assembly so that you can access the screw holes in the starboard side of the hull. Fix together with four **AM** screws (circled, below).



### Completed work

The bow assembly can be fitted on to the support **8A**, supplied with issue 8, but it is not very stable at this point. Store the unused cleats and **GM** screws: they will be used in a future issue.



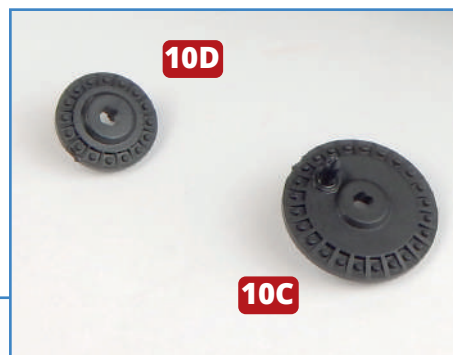
# DETAILS FOR THE ENGINE



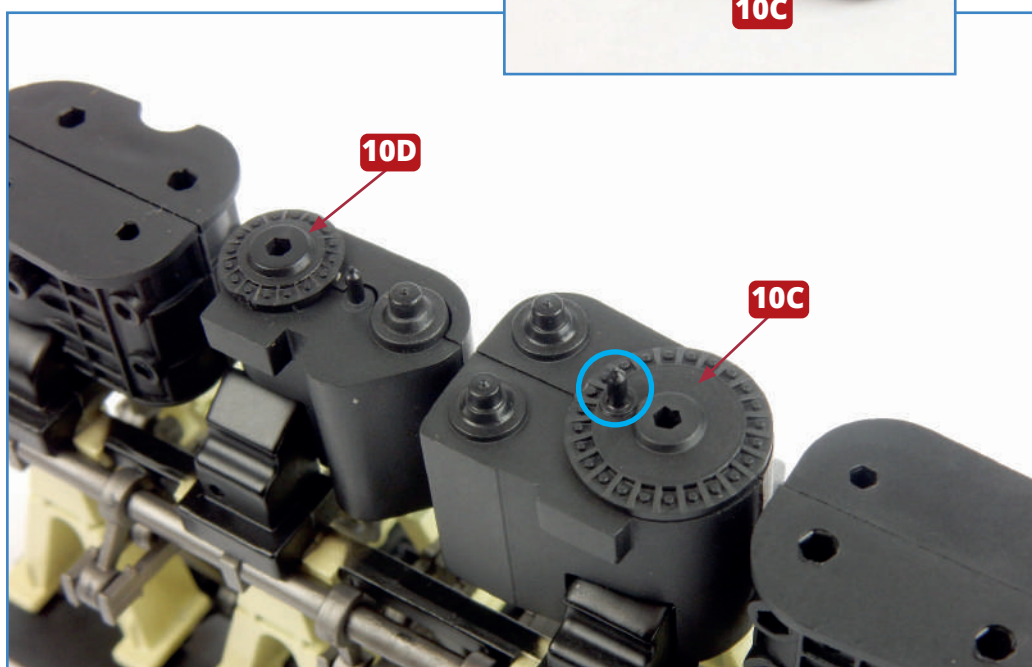
## PARTS IN THIS ISSUE

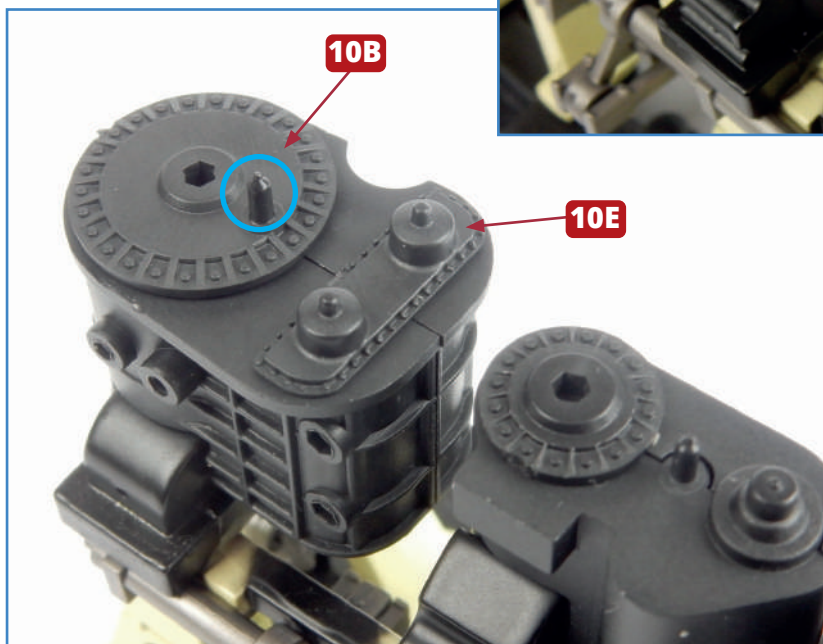
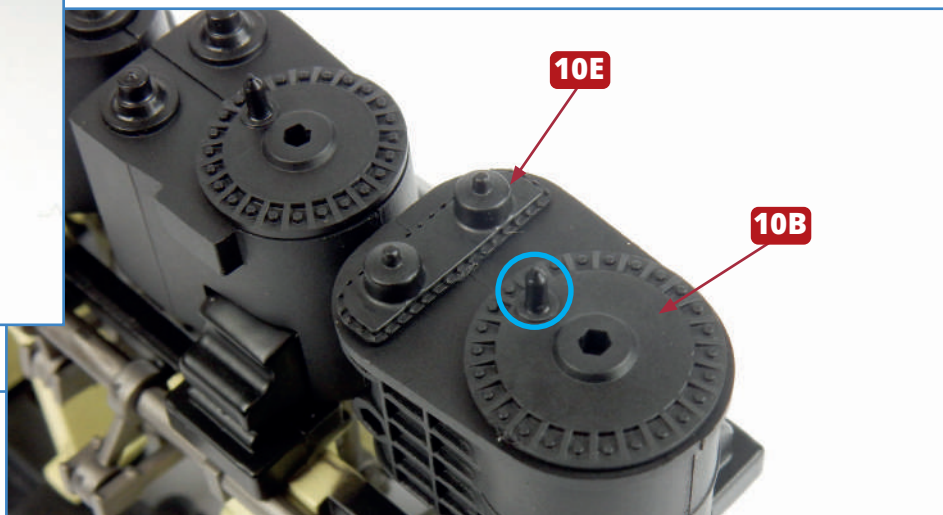
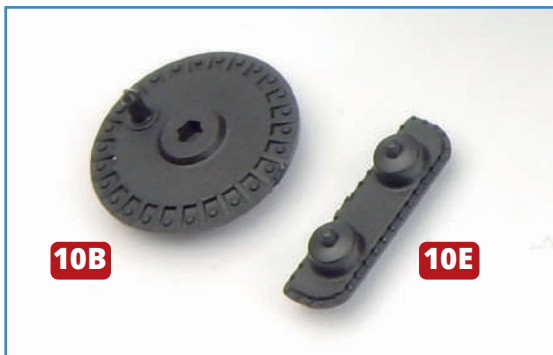
- 10A** Forward keel section
- 10B** Cylinder heads A (x 2)
- 10C** Cylinder head B
- 10D** Cylinder head C
- 10E** Distribution valves (x 2)
- 10F** Exhaust valves (x 4)
- HM** Six PM screws (1 spare)

Note that part 10C is slightly smaller than parts 10B.

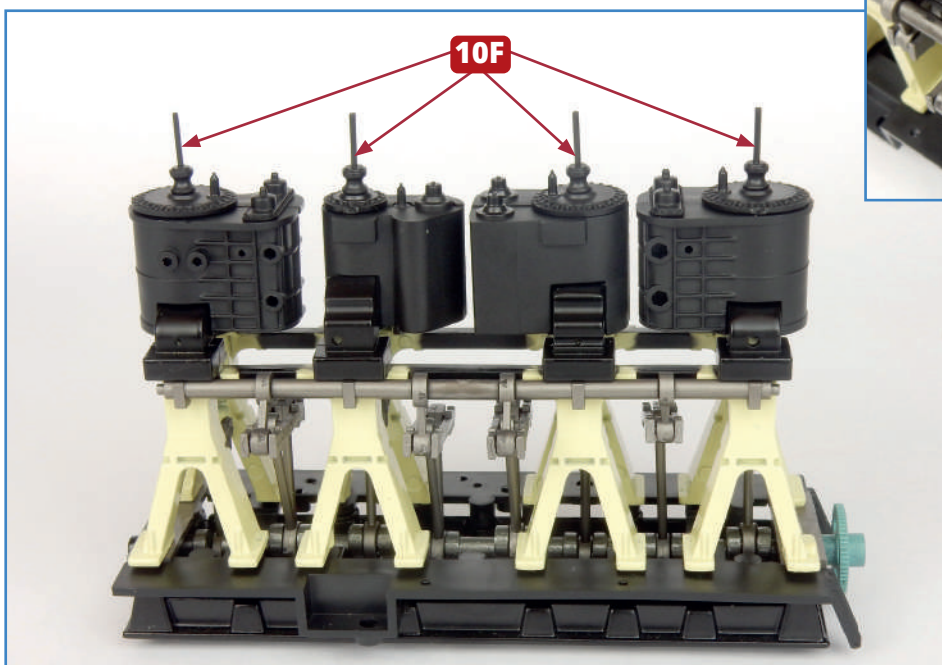
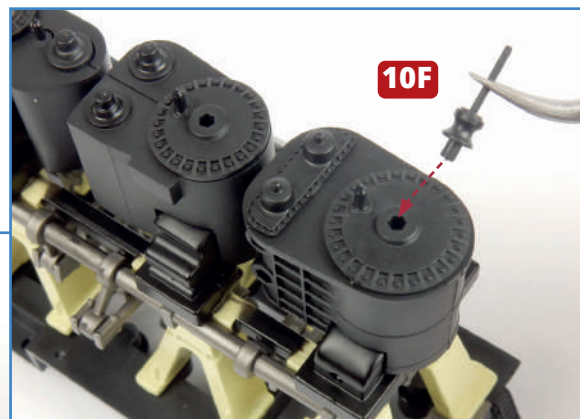


**1** Take the cylinder heads B and C (**10C** and **10D**) and fit them on the two central cylinders of the engine, as shown. Note the position of the pin on part **10C** (circled). The sockets for the peg on the underside of part **10C** are uneven in size, to match the pegs, and ensure that the cylinder head is in the correct orientation. These are push-fit connections, but you may glue them in place if they are loose.

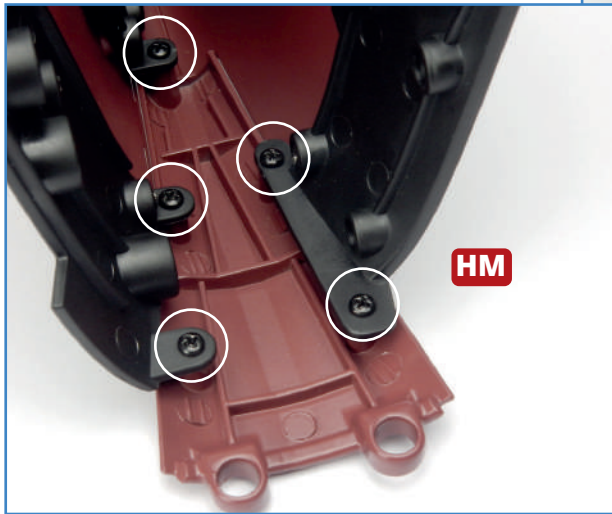
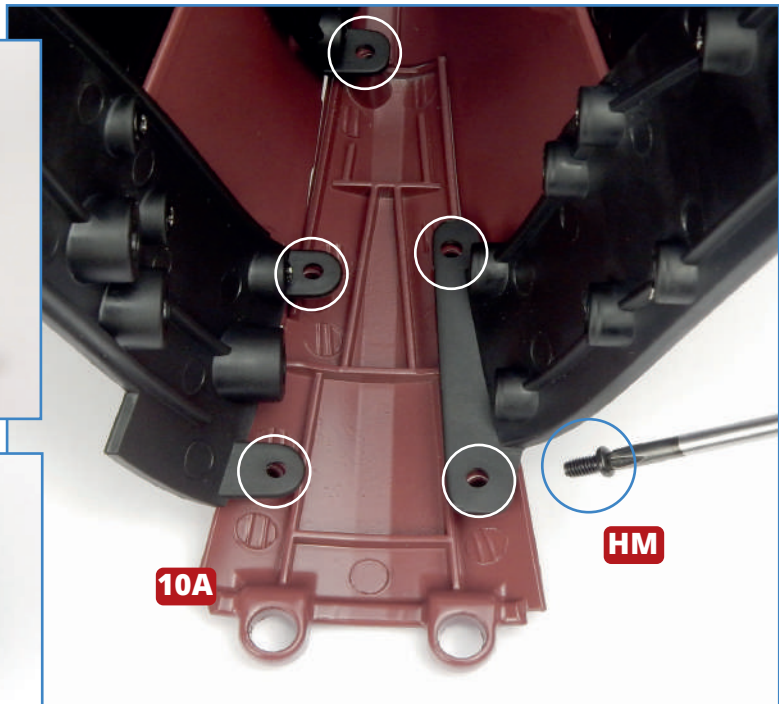
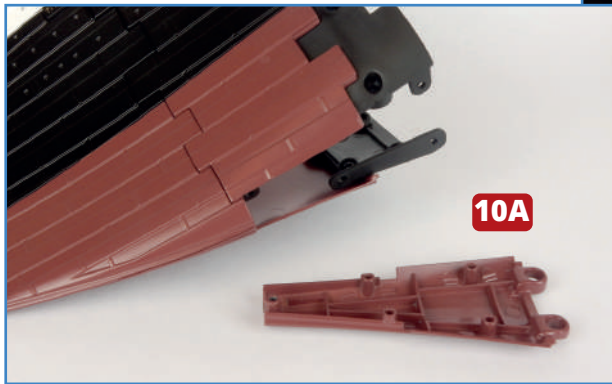




**2** Now take the two cylinder heads A (10B) and the distribution valves 10E. Fit them onto the cylinder heads at each end of the engine assembly. Note the position of the pins (circled): they are next to the distribution valves, away from the end of the assembly. Again, the sockets for these parts are uneven in size, to ensure you insert them in the correct orientation.



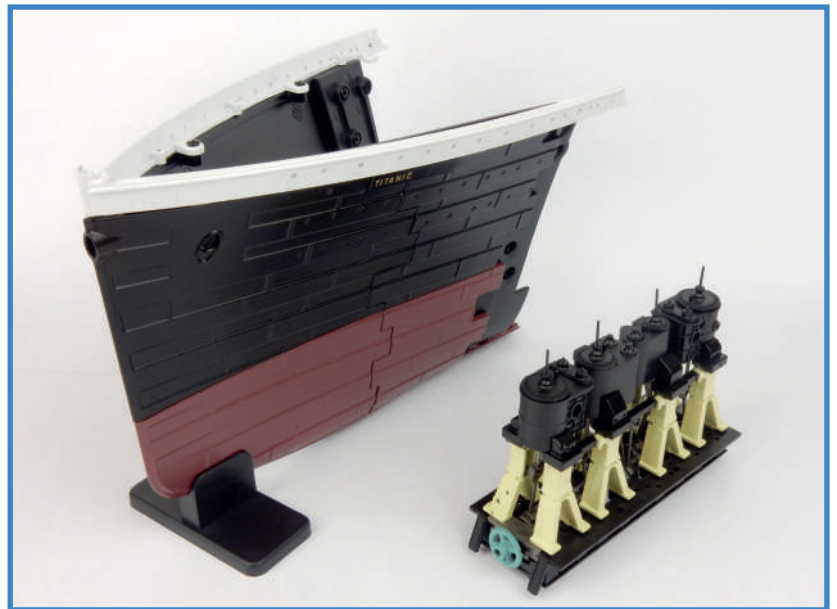
**3** Fit each of the four exhaust valves 10F into the holes in the centre of the cylinder heads A, B and C. Handle the parts gently, as the valves are very delicate. Again, these are push fit connections and you only need to use glue if they feel loose.



**4** Take the hull assembly from the previous issue and the keel section **10A**. Fit the keel section in place so that screw holes in tabs on the lower part of the hull assembly (circled in white) align with screw sockets in the keel. Fix together with five **HM** screws.

## Completed work

Cylinder heads and valves have been added to the engine and the first section of the keel has been fitted to the hull. Store the engine assembly carefully to ensure that you do not damage the valves.





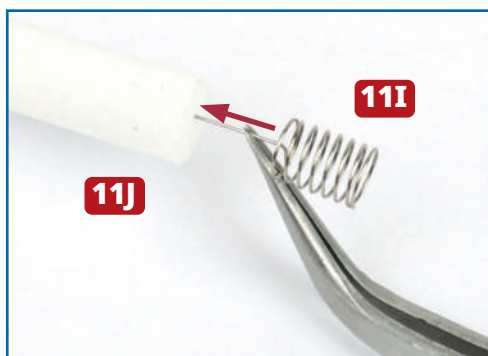
# THE FIRST FUNNEL



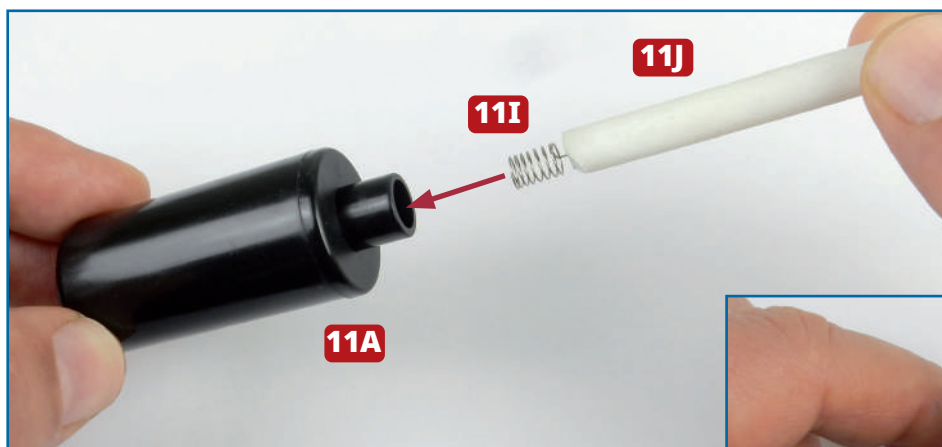
## PARTS IN THIS ISSUE

- 11A** Tank
- 11B** Smoke generator holder
- 11C** Grille
- 11D** Funnel interior
- 11E** Funnel plating
- 11F** Funnel
- 11G** Stay collar
- 11H** Funnel cap
- 11I** Spring
- 11J** Filter
- DP** Seven PB screws (1 spare)
- EP** Three PB screws (1 spare)

**1** Take the filter **11J** and the spring **11I**. Insert the prong on the spring into the centre of one end of the the filter, and push it in as far as possible.



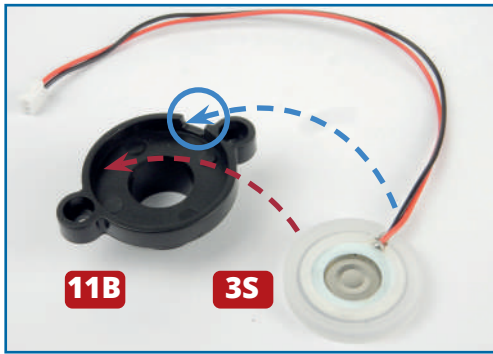
You will also need the smoke generator **3S** from issue 3: you must remove the socket on the end of the cable from the tester circuit board. **It is a tight fit, so ease the socket out very carefully.**



**2** Insert the filter and spring assembly into the open end of the tank: the spring **11I** is inserted first. The spring means that the end of the filter **11J** extends slightly from the end of the tank (below) but the filter can be pushed into the tank.





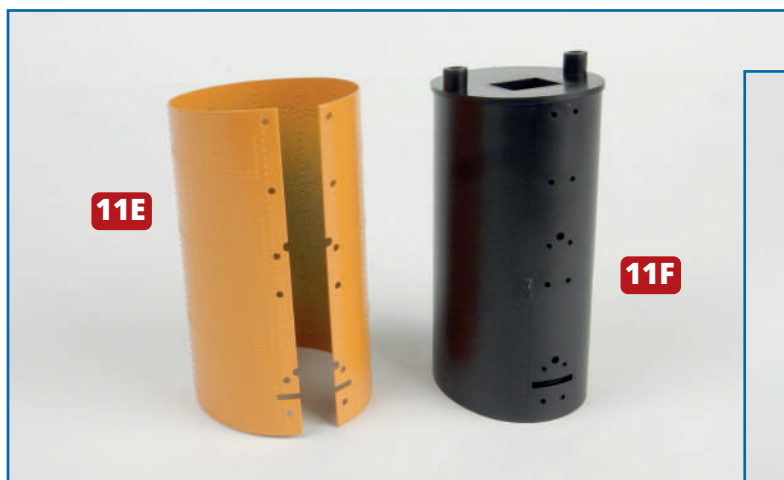


**3** Fit the smoke generator **3S** from issue 3 into the smoke generator holder **11B**. Note the position of the cable and the orientation of the smoke generator. The cable fits into a notch in the edge of part **11B** (above left). Take the funnel interior **11D** and fit the screw sockets in part **11B** on to the raised screw sockets on part **11D** (circled). Fix part **11B** in place with two **EP** screws so that the smoke generator **3S** is held in place.



**4** Hold the tank **11A** vertically, with the filter uppermost (left), then fit the tank assembly from the previous step over the top of the tank. Do not use any glue. The tank can be separated when you need to fill it with water (below).

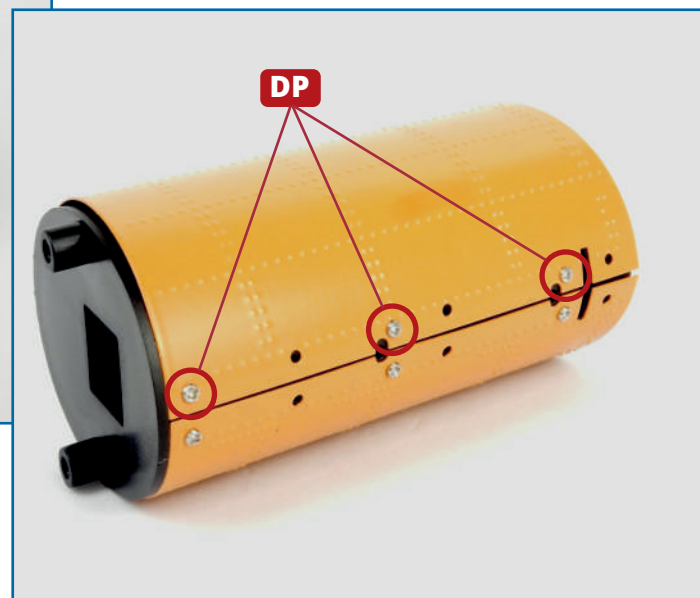
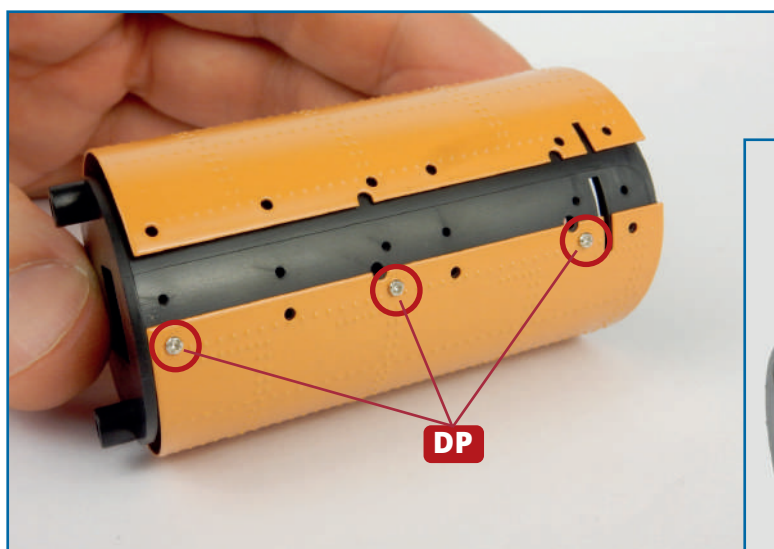




**5** Take the funnel **11F** and fit the funnel plating **11E** around it. Note that there are slits in the plating that have to be matched with a slot on the funnel (arrows, right). Ensure that the screw holes are aligned.

### TIP

You may find it helpful to hold the plating in place by using a piece of masking tape to hold the edges together, with the slots and screw holes aligned.



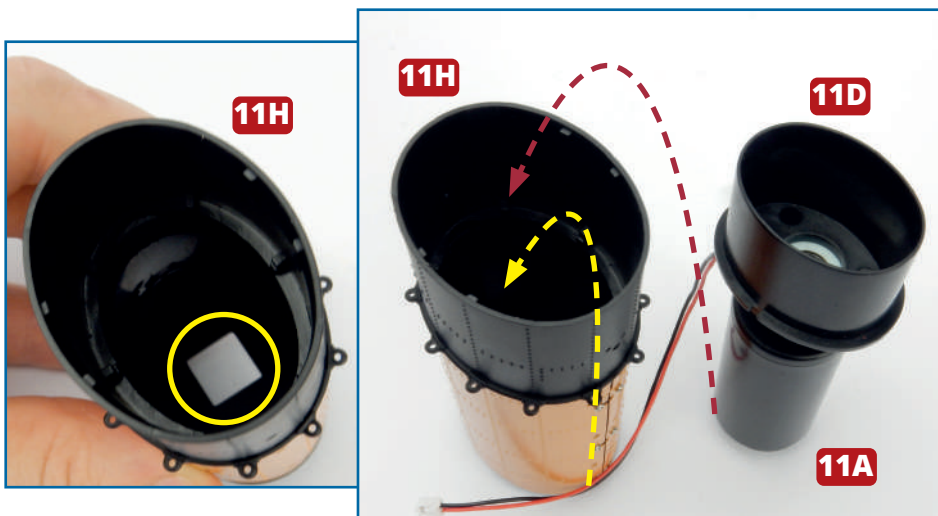
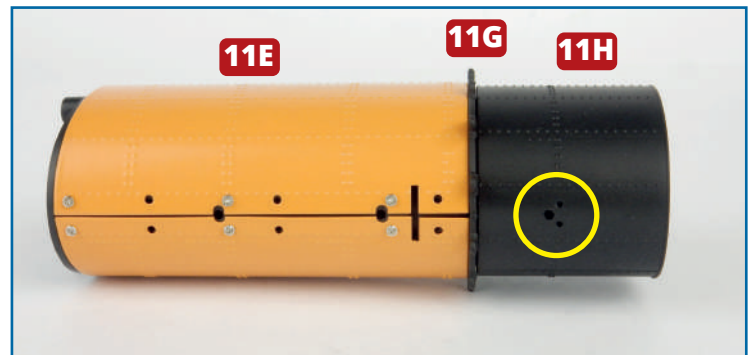
**6** Identify the three screw holes along one edge of the plating that are circled, above. Fix the edge of the plating in place using three **DP** screws. Repeat to fix the other edge of the plating in place (right).



**7** Take the stay collar **11G** and fit it on the funnel cap **11H**, so that the tabs on the inside of part **11G** fit into the broad slots in part **11H**. Note that the tabs and slots are different widths. Note also that the flatter side of the collar faces upwards in the photo on the right. Do not use any glue.



**8** Fit the funnel cap **11H** into the funnel assembly, pushing it firmly in place. The three holes in the cap (circled in yellow) must face in the same direction as the holes along the seam of the funnel plating, as shown. Do not use any glue.



**9** Note that there is a square hole in the base of the funnel **11H** (above left). Take the smoke generator and tank assembly and feed the cable of the smoke generator **3S** through the rectangular hole (yellow arrow) as you fit the tank into the funnel (red arrow). You may find it helpful to use a pair of tweezers, inserted into the square hole, to get hold of the cable to draw it through the hole.

### TIP

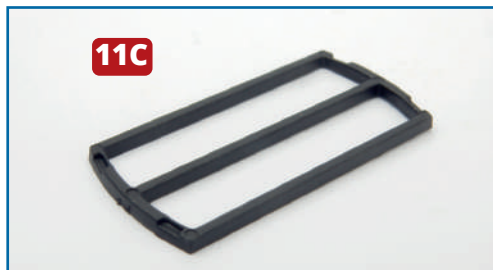
To make it easier to remove the tank once the funnel is fitted in place on the deck, we suggest that you remove and refit it several times to ensure that the parts can be assembled smoothly. If you find that the tank sticks, fit the end of a pencil or similar into the square hole in the bottom of the funnel and push the tank upwards. Check that the cable is still threaded through the square hole after doing this.



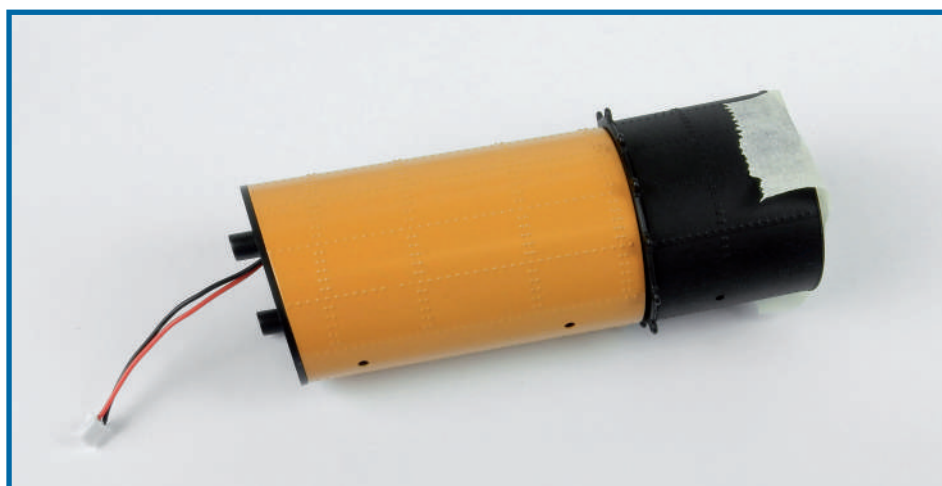
## IMPORTANT ADVICE

The parts supplied in this issue have been used to assemble the first funnel for your model. You should not fill the tank with water or test the smoke generator at this stage. The tester circuit board and batteries give a very low voltage,

which is not suitable for operating the smoke generator in the assembled funnel. We will give full instructions for filling the tank at a later stage. It is important that you can remove the tank from the funnel easily.



**10** Complete the funnel by fitting the grille **11C** on the funnel cap **11H**. Match the small notches on the grille (circled) with the rectangular pegs inside the funnel (arrows). Do not glue the grille in place at this stage: we suggest that you use a little masking tape to hold the grille in place so that you don't lose it.



## Completed work

The first funnel of your *Titanic* model has been assembled. Store it carefully until it is needed for another stage of the assembly.



# THE FORWARD WELL DECK

## PARTS IN THIS ISSUE

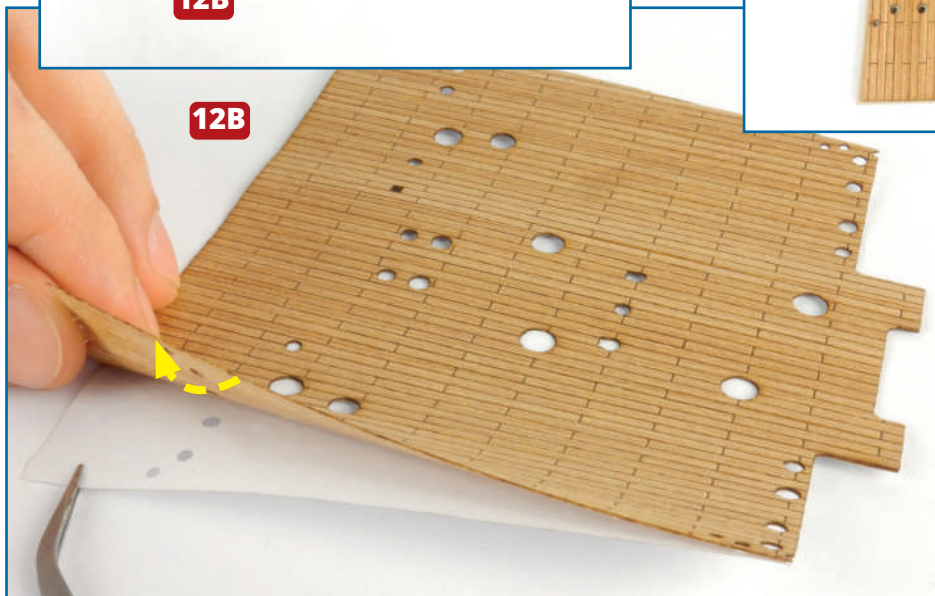
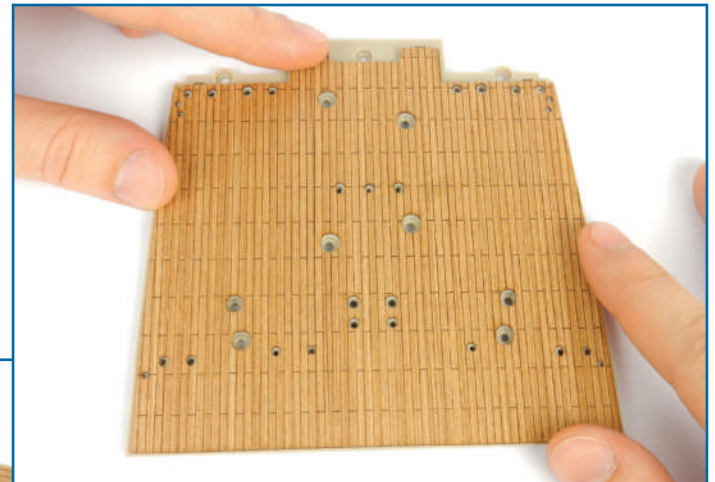
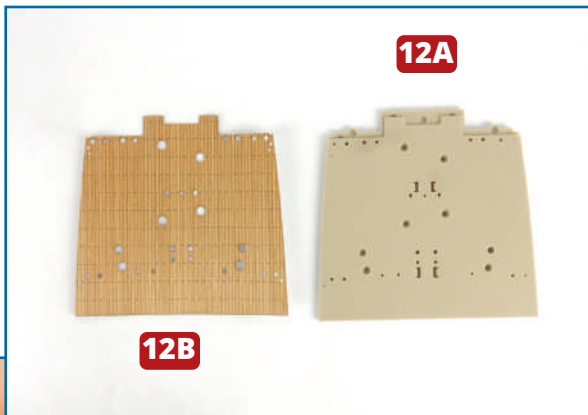
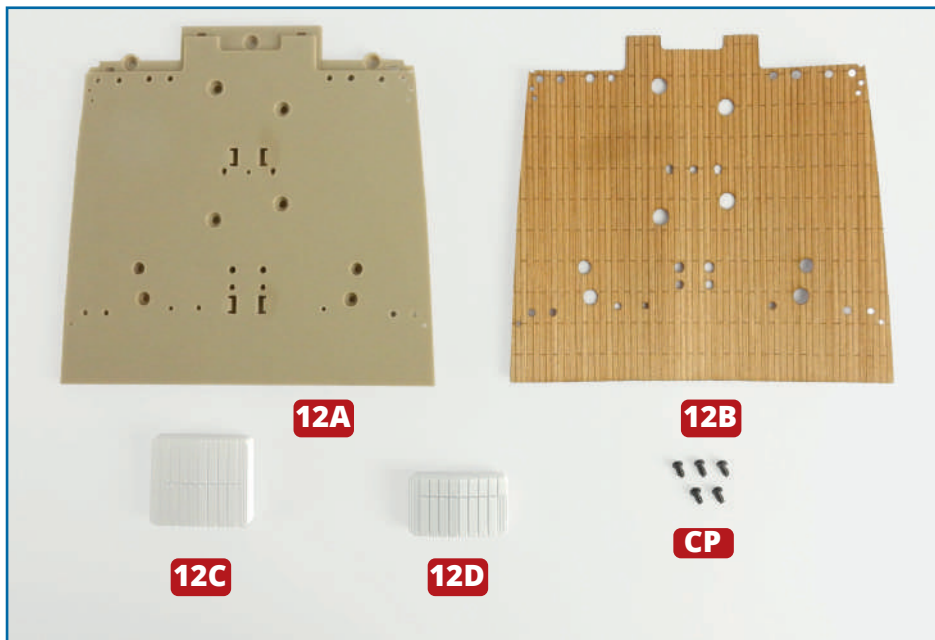
**12A** Forward well deck

**12B** Self-adhesive decking

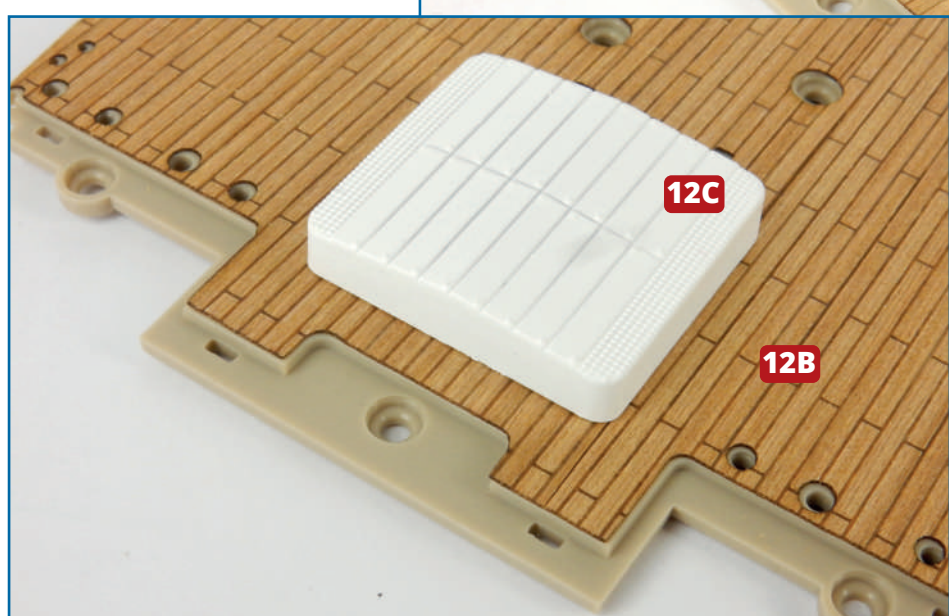
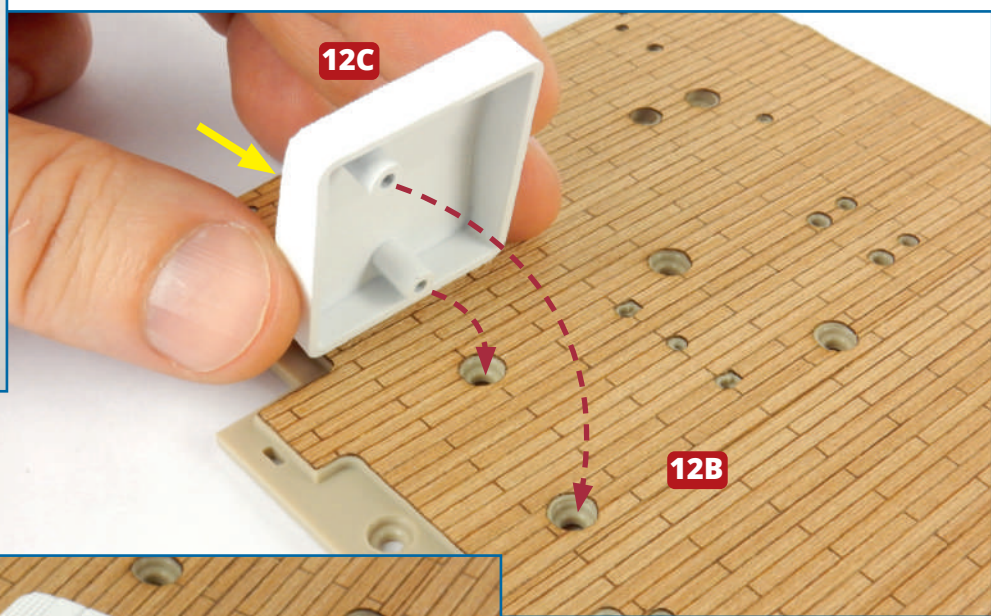
**12C** Large well-deck hatch

**12D** Smaller well-deck hatch

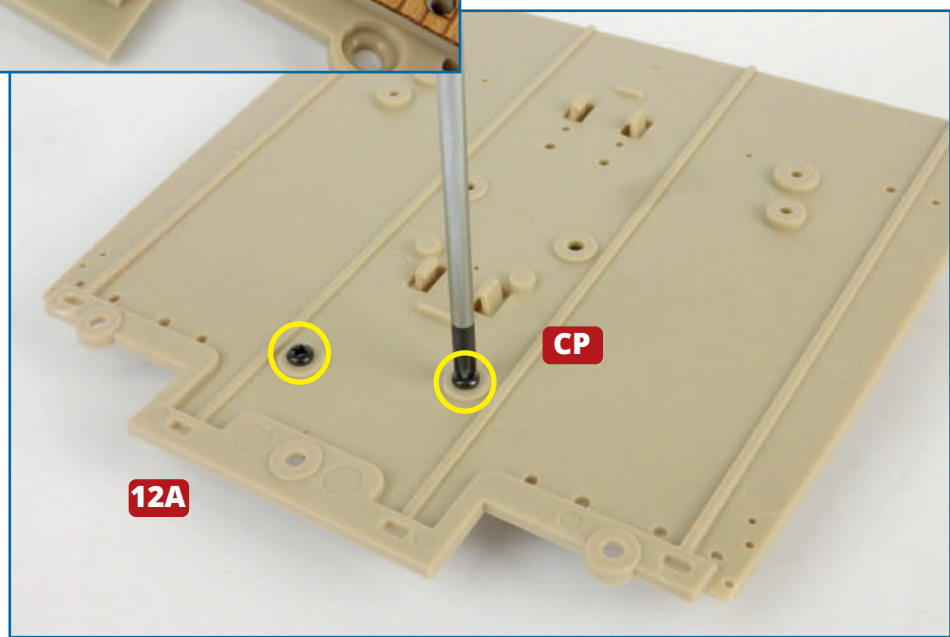
**CP** Five PM screws (1 spare)

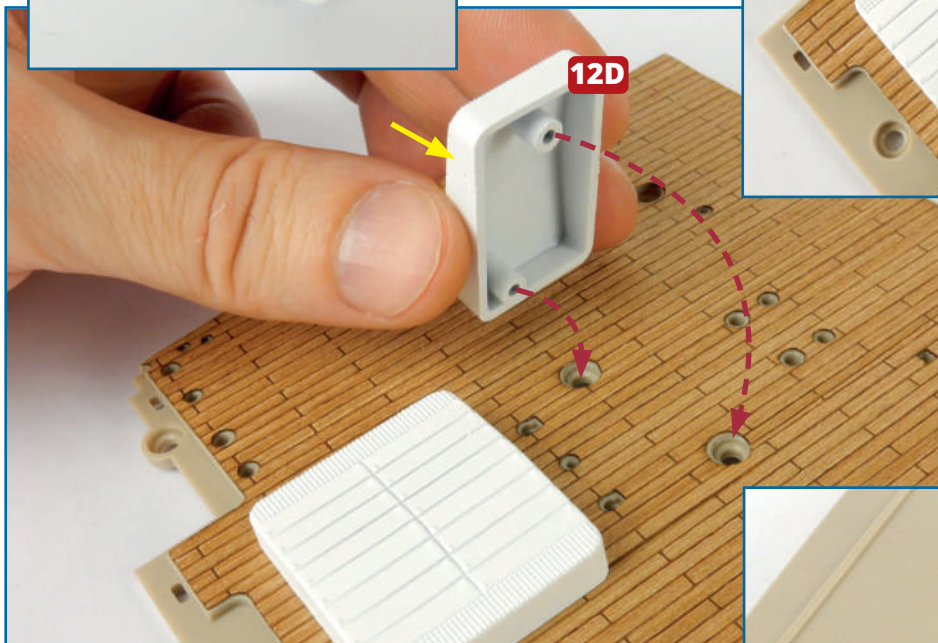


**1** Carefully check how the decking **12B** fits on the forward well deck **12A** (above). Work carefully as you cannot separate the decking from the deck once it is in place. Remove the backing from the decking (left) and fit the decking in place, ensuring that all the screw holes are aligned. Smooth the decking down with a soft cloth as you stick it in place, to remove bumps.

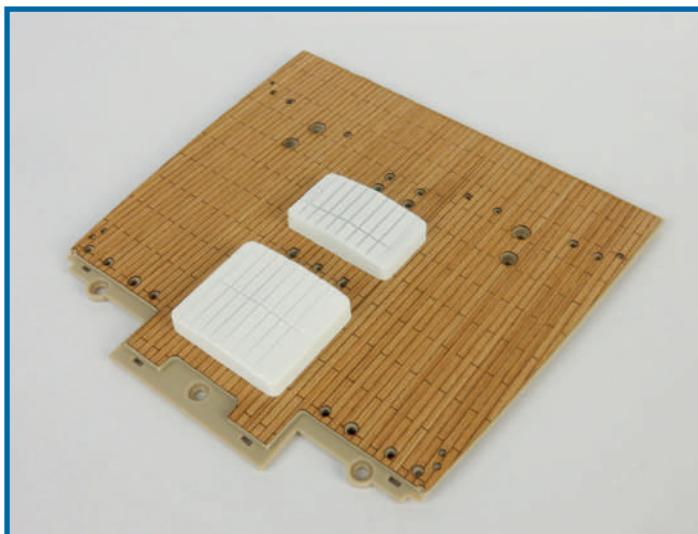
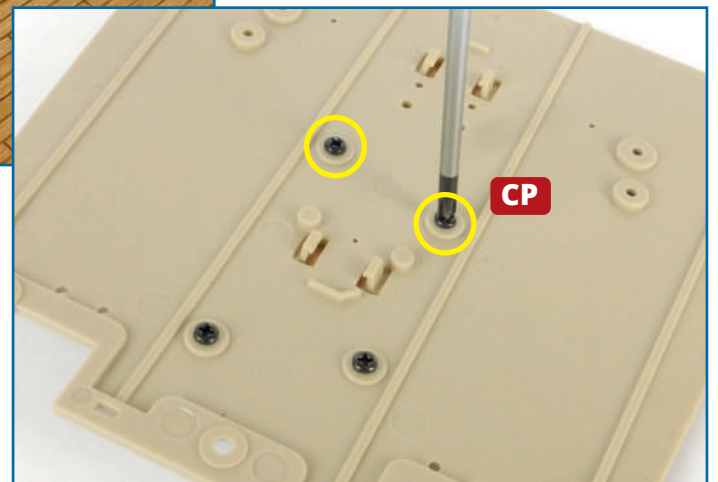


**2** Take the larger hatch **12C**. Note that one side (indicated by the yellow arrow, above) is lower than the other. This goes towards the forward edge of the deck. Fit the hatch in place as shown, so that the raised screw sockets on the inside of the hatch align with the screw holes in the deck **12B**. Turn the deck over and fix the hatch in place using two **CP** screws (below).





**3** Similarly fit the smaller hatch **12D**. It has one lower side (arrow, left). Fit in place as shown (left and above). Fix the hatch in place with two more **CP** screws (below).



### **Completed work**

The forward well deck has been assembled and two hatches have been fitted.

# DETAILS FOR THE FORWARD WELL DECK

## PARTS IN THIS ISSUE

- 13A** Keel section (B)

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- 13B** Steps (x 2)

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- 13C** Large air vent

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- 13D** Air vents (x 2)

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- 13E** Fairlead rollers (x 2)

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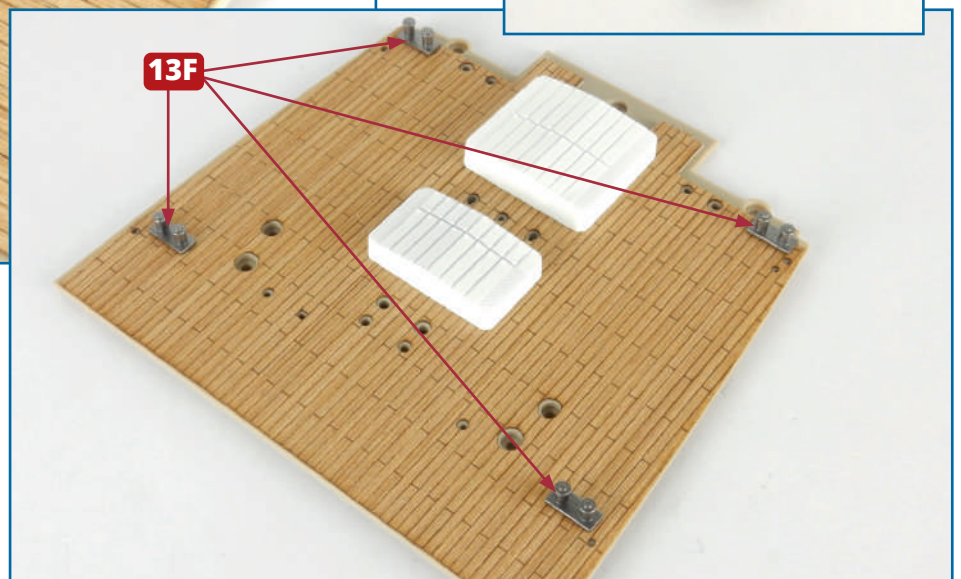
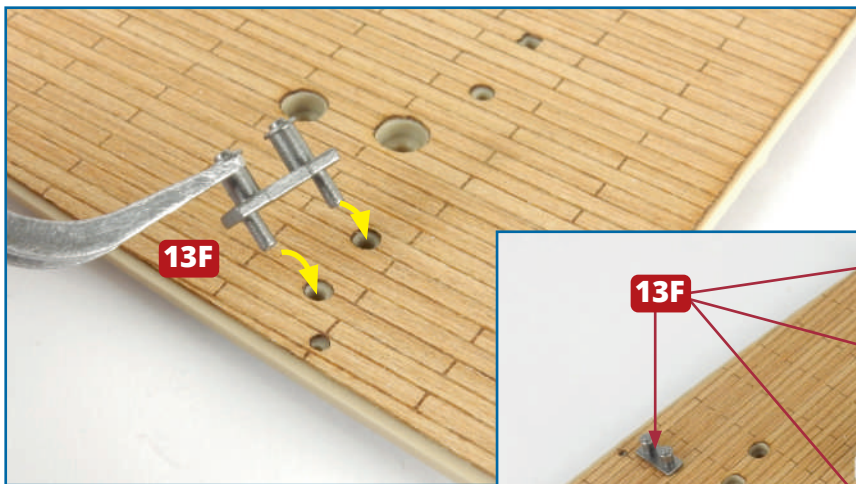
- 13F** Bitts (x 4)

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- 13G** Winches (x 2)

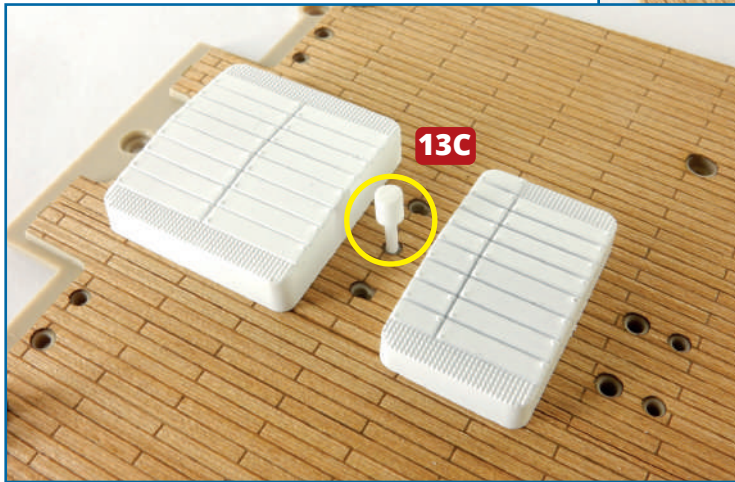
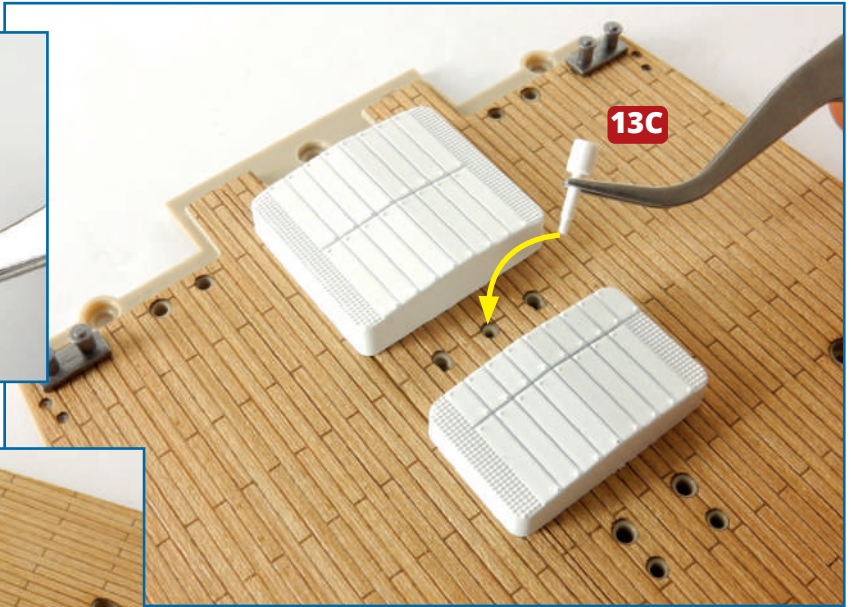
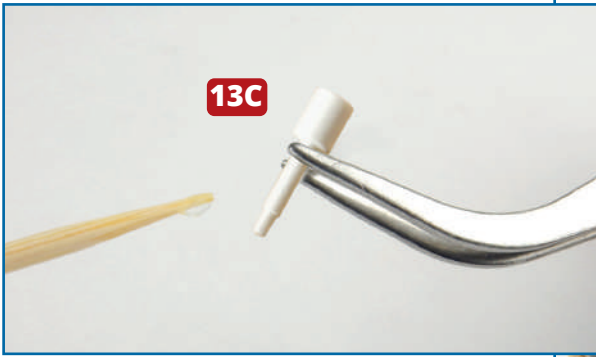
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- IM** Three IM screws (1 spare)

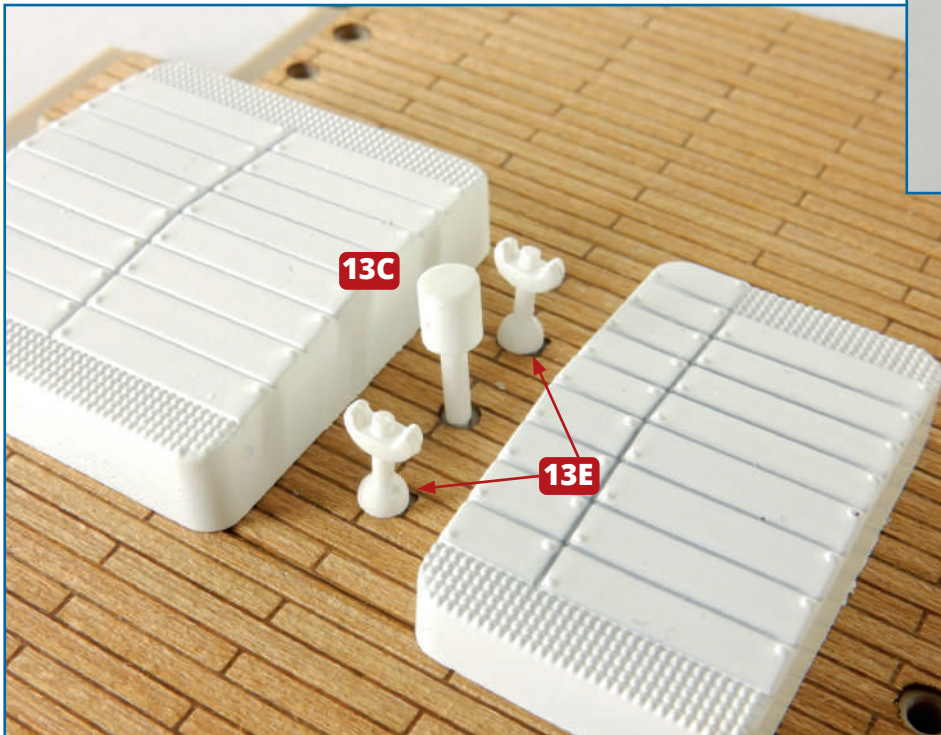


**1** Take the forward well deck assembly from the previous stage. Identify the pairs of holes for the four bitts **13F**. Insert the pegs on the bitts into the holes in the deck, as indicated. No glue is needed.

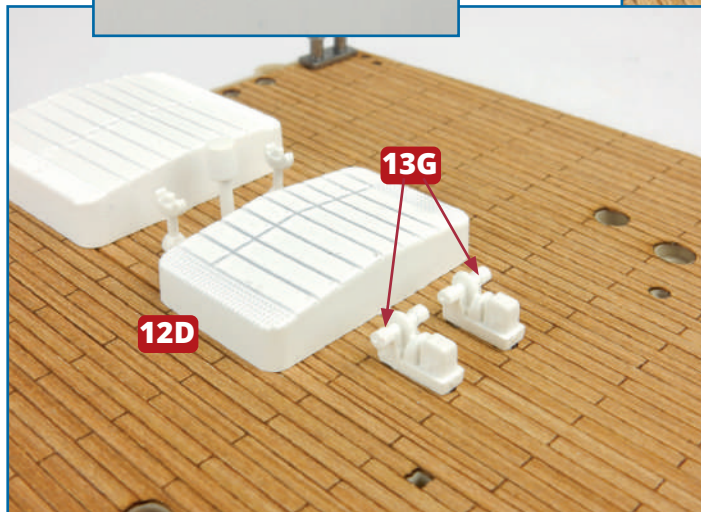
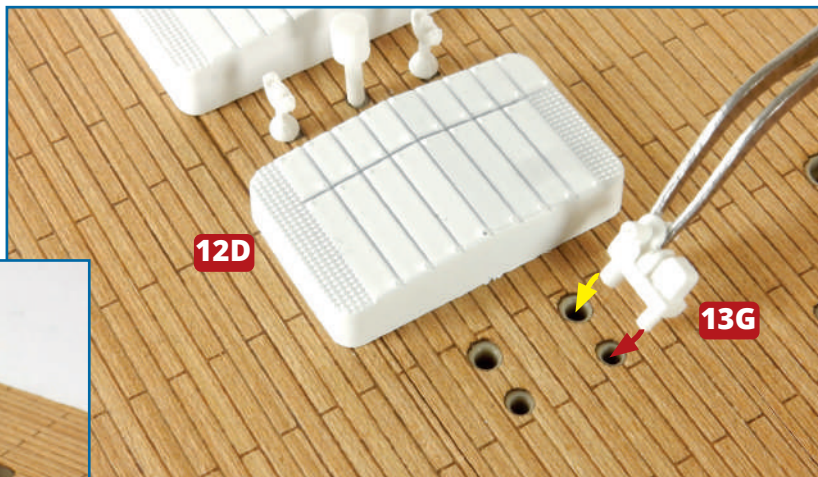




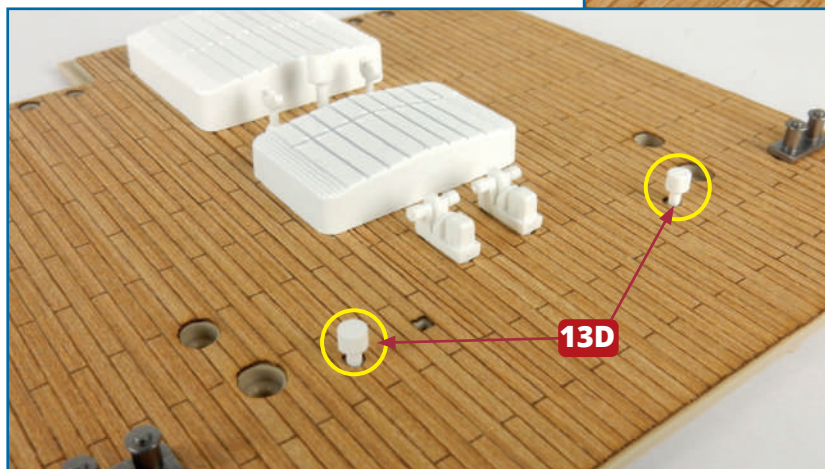
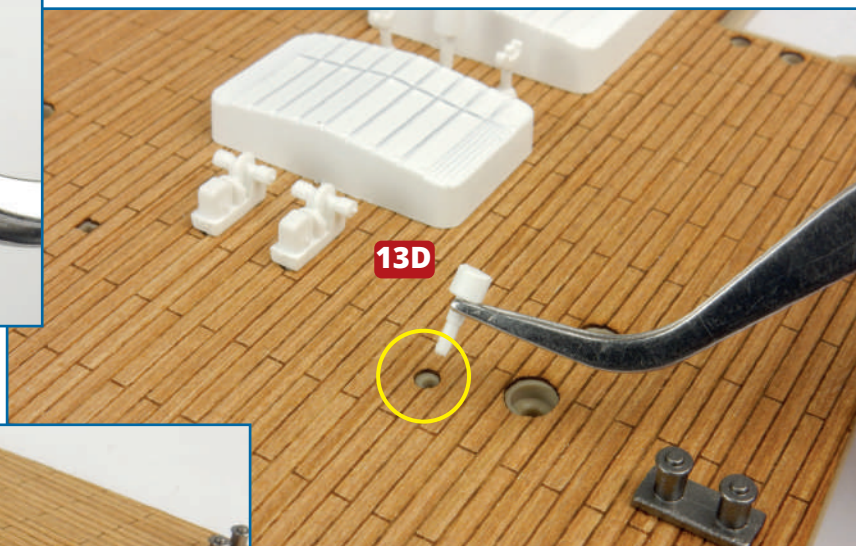
**2** Take the large air vent **13C**, and identify the hole between the two hatches where it fits (above). Apply a little glue to the base of the vent and fix in place as shown (left).



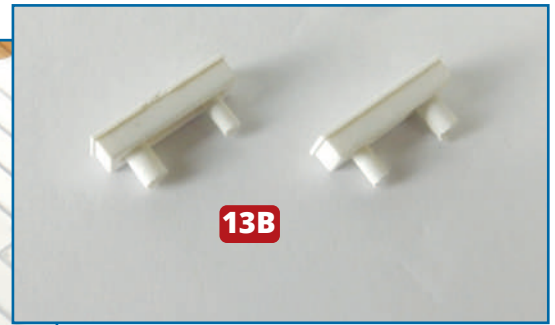
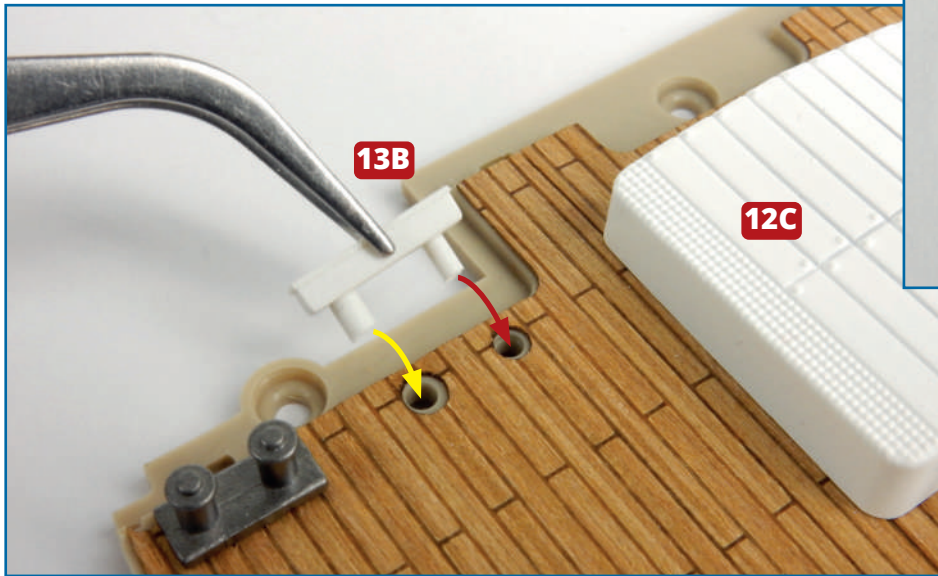
**3** The two fairlead rollers **13E** fit in the holes on either side of the large air vent **13C**. Tabs on parts **13E** fit into notches in the holes in the deck to ensure they are fitted the right way round. Do not use any glue: these parts will be replaced with fairlead rollers with an improved colour.



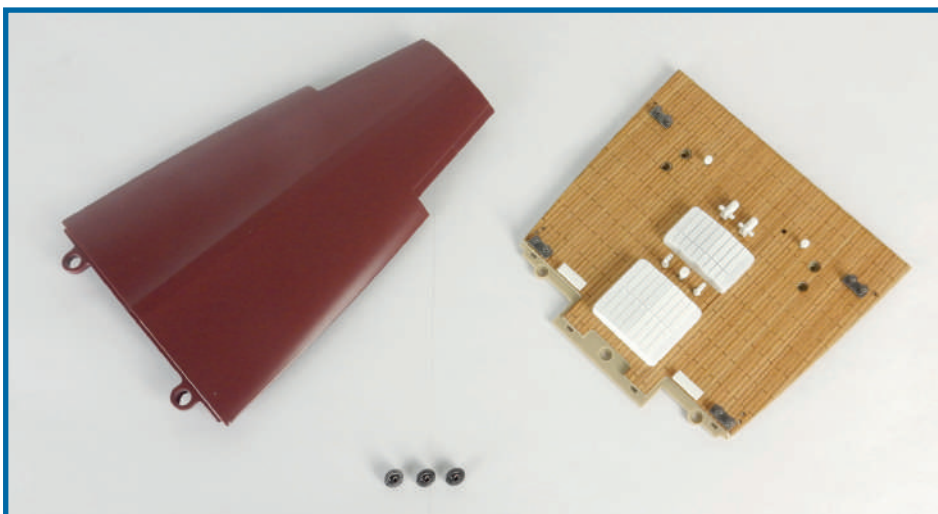
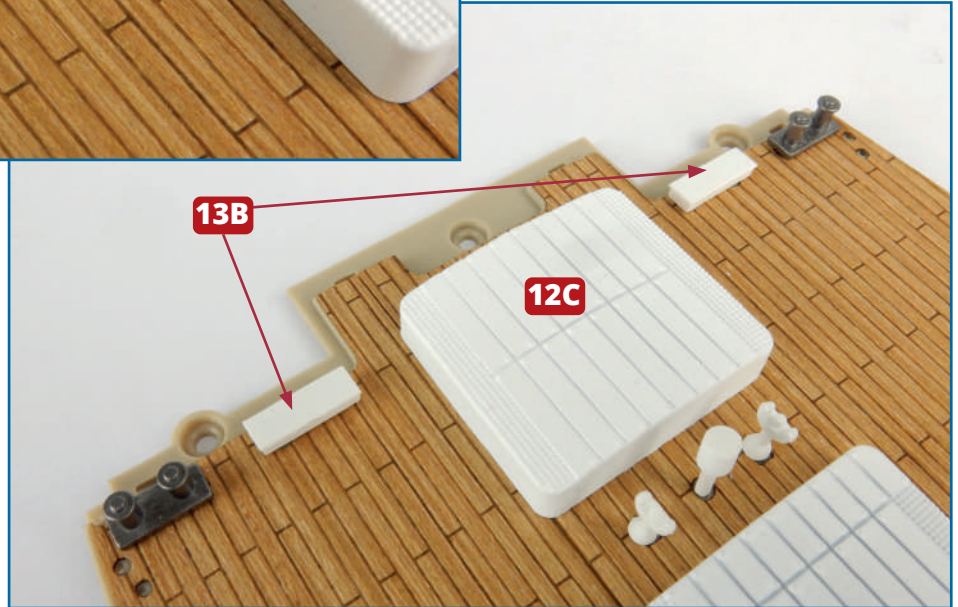
**4** The two winches **13G** are fitted behind the smaller hatch, **12D**. Note that one of the pegs on the base of each winch is larger than the other, and should be fitted in the corresponding hole (yellow and red arrows, above). Do not use any glue: these parts will be replaced with winches with an improved colour.



**5** Take the two smaller air vents **13D** and identify the holes in the deck where they fit (circled in yellow, above and left). Apply a little glue to pegs on each and fix the vents in place.



**6** Finally, take the two steps **13B**. Note that one peg is larger than the other (yellow arrow, above) and fits into the corresponding hole at the forward edge of the deck, on either side of the hatch **12C**. Use a little glue to fix the steps in place (right).



## **Completed work**

Further details have been fitted to the forward well deck. Some of the parts will be re-supplied with an improved colour in a future issue. The keel section and screws will be used in issue 15. Store the parts carefully until they are needed.

# OFFICERS' QUARTERS AND DECKING

## PARTS IN THIS ISSUE

**14A** Swan-neck vent A

**14B** Vent B

**14C** Vent C

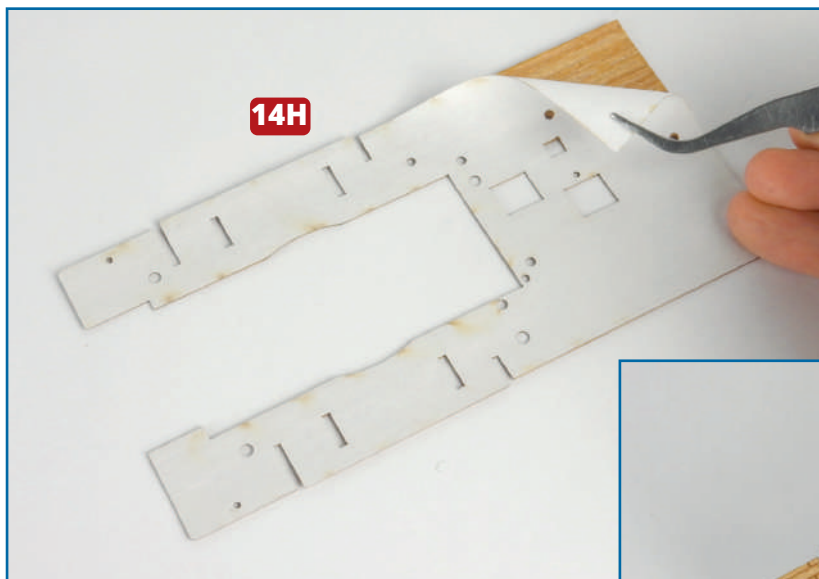
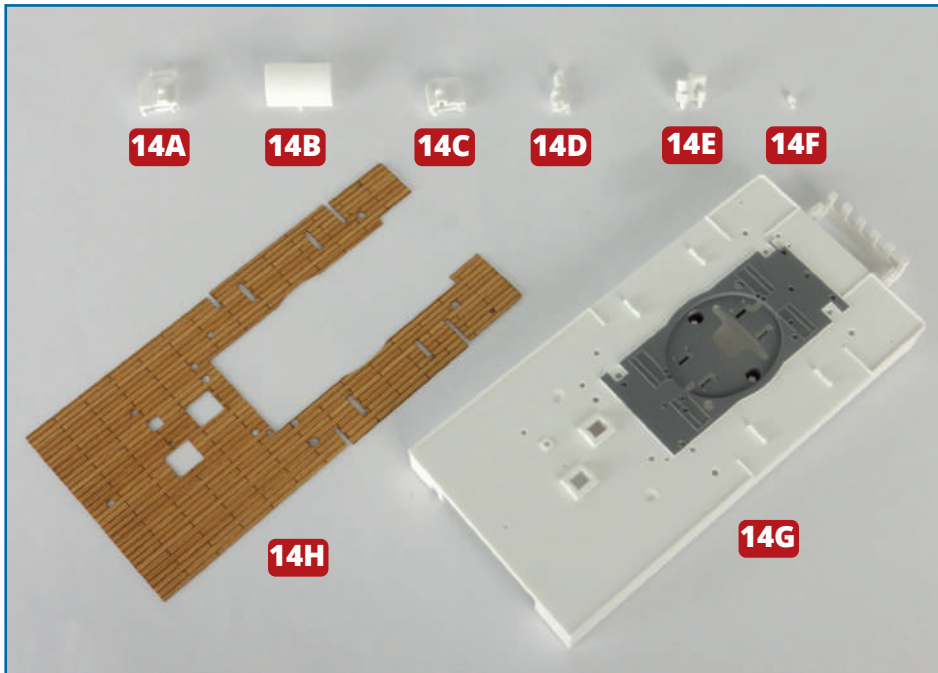
**14D** Cowled vent

**14E** Vent D

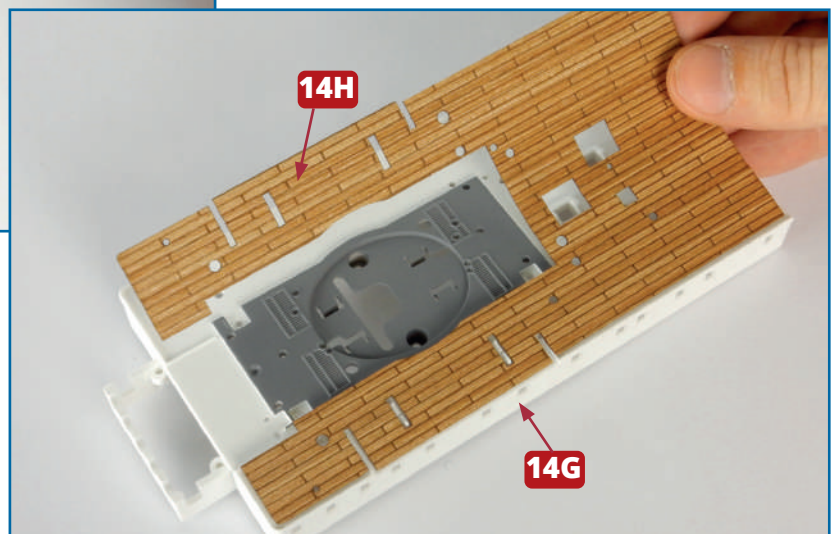
**14F** Air intake

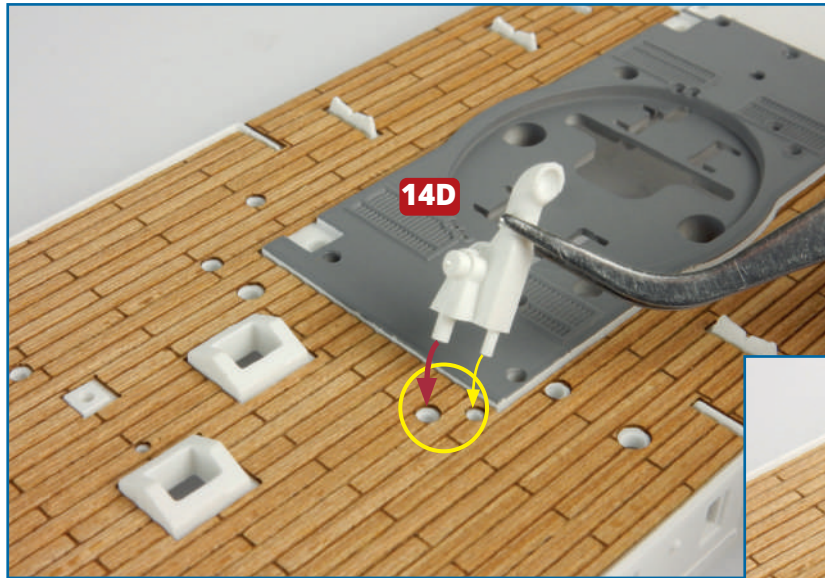
**14G** Officers' quarters

**14H** Decking

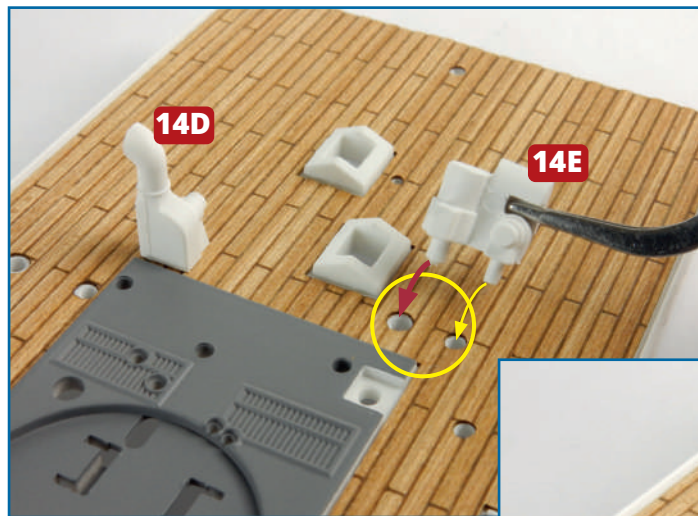
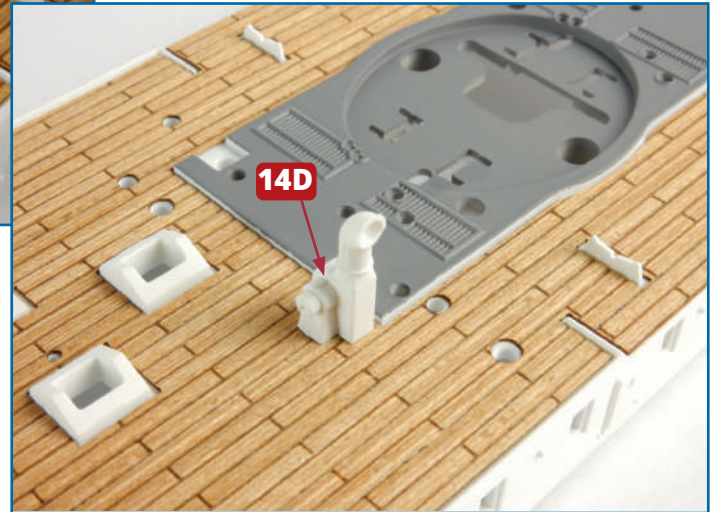


**1** As described for the decking in issue 12, check how the decking **14H** fits on the roof of the officers' quarters. Carefully remove the backing from the decking and then position it on top of the officers' quarters **14G**, ensuring that all the holes are aligned. Rub down the decking along the grain with a soft cloth to ensure it is properly stuck in place.

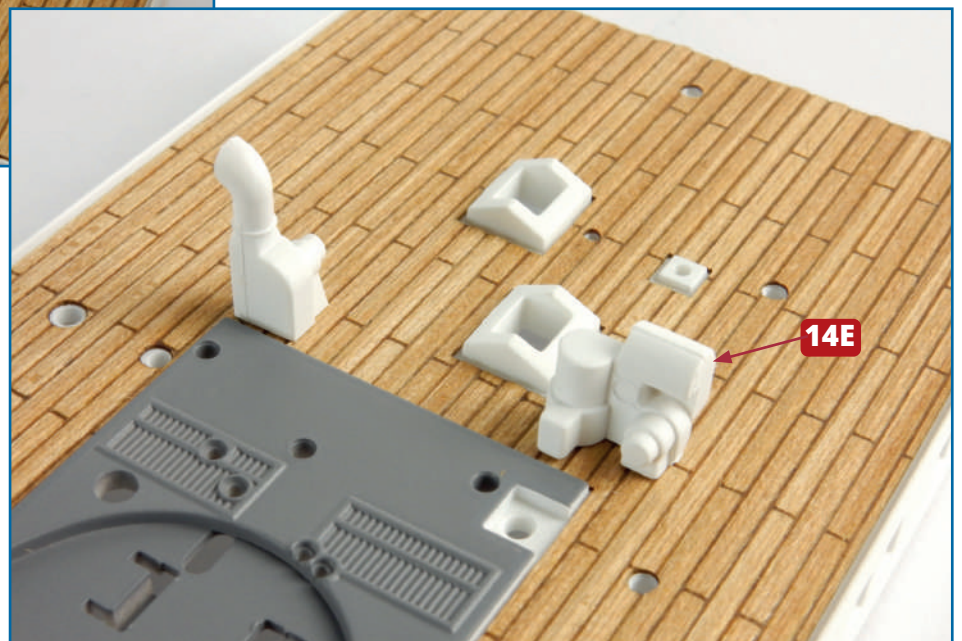


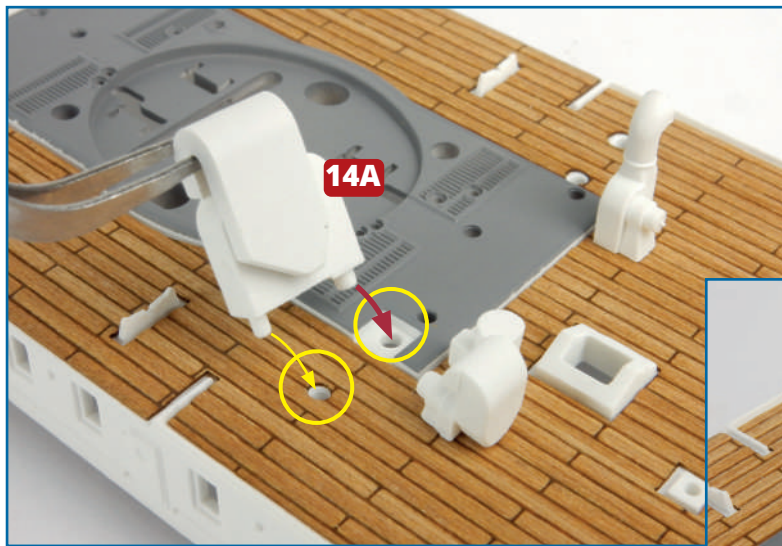


**2** Take the cowled vent **14D** and insert the pegs in the corresponding holes in the deck, as indicated. Note that one peg is larger (red arrow, left). You do not need to use any glue.

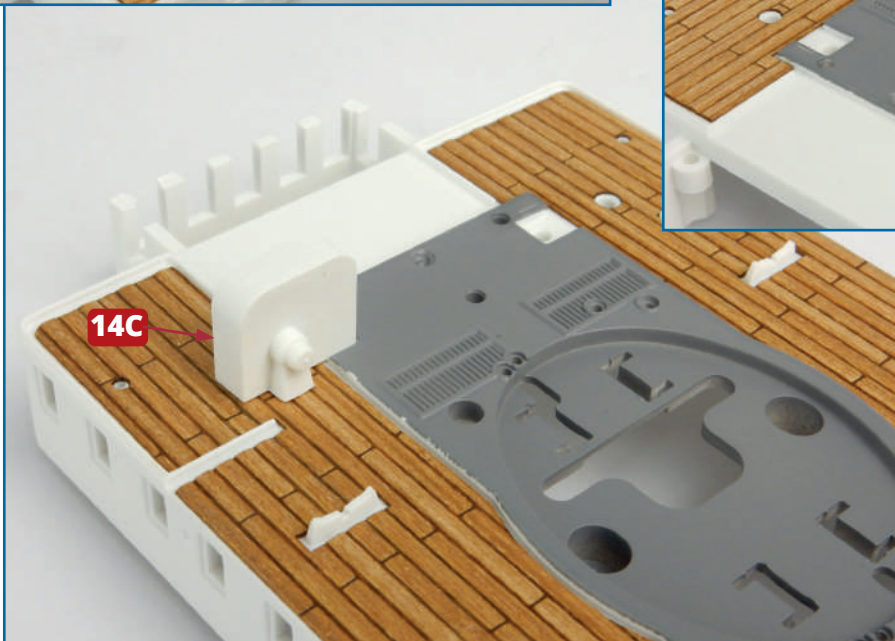
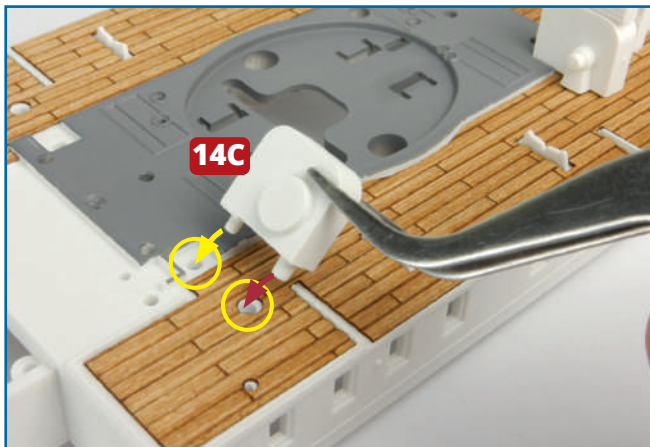
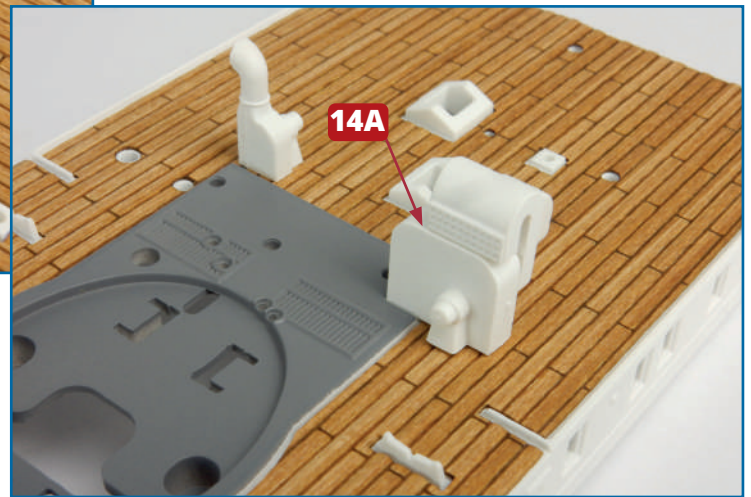


**3** Take vent D **14E** and identify the holes where it fits on the deck. Note that the pegs are different sizes, and fit them into the corresponding holes, as indicated. (The red arrow, above, indicates the larger peg and hole.)

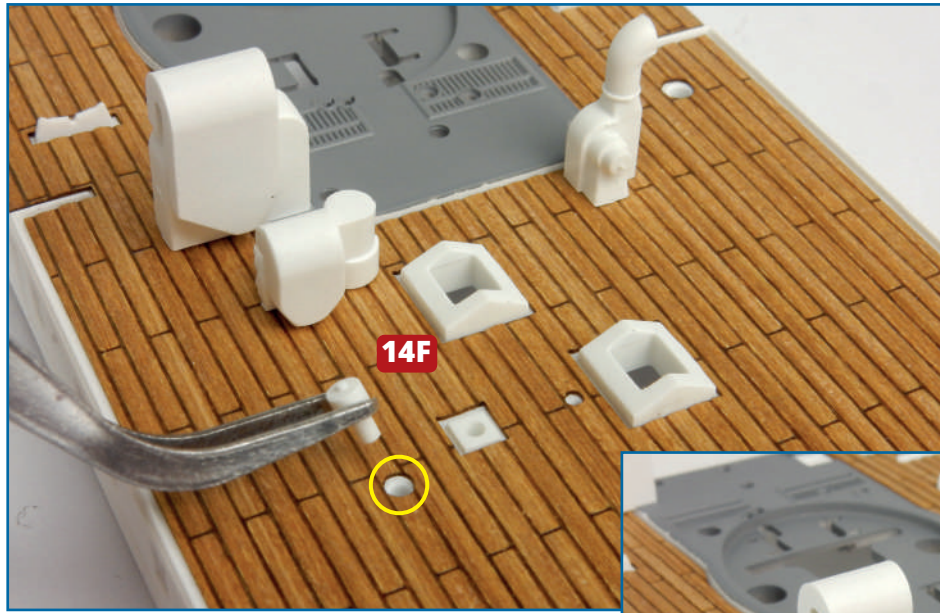




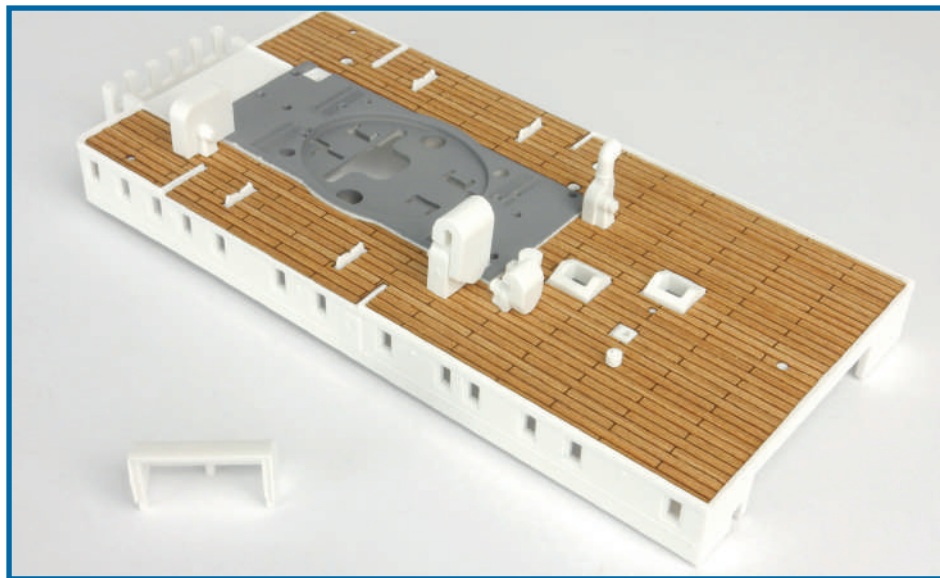
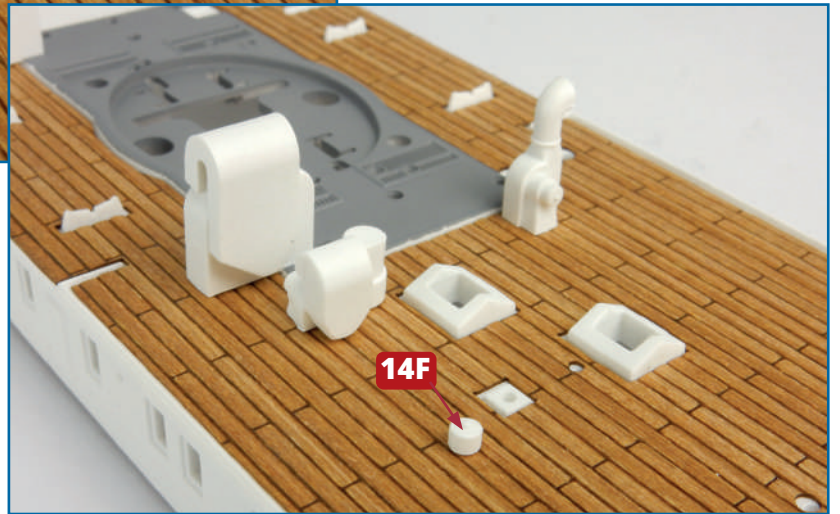
**4** Take the swan-neck vent A **14A** and fit it so that one side fits in the recess in the grey area of the roof of the officers' quarters **14G**. Make sure that you fit the larger peg in the larger hole (red arrow, left). Use a little superglue to hold the pegs in place if necessary.



**5** Vent C **14C** fits at the forward end of the officers' quarters **14G**. Again, one side of the vent fits in the recess in the grey area. Make sure you fit the larger peg in the larger hole, so it faces the right way, as shown. Use a little superglue to hold the pegs in place if necessary.



**6** Air intake **14F** fits into a hole in the decking, as shown.



### **Completed work**

Vents have been fitted to the decking on the roof of the officers' quarters. Vent B (**14B**) will be fitted in a future stage. Store the assembly and unused vent carefully until needed.