

# TITANIC

THE SHIP • THE LEGEND

**Pack 21**

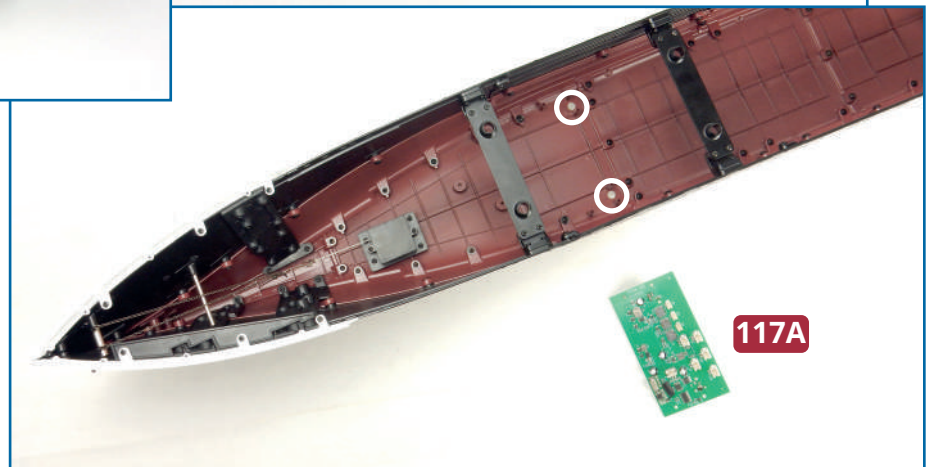
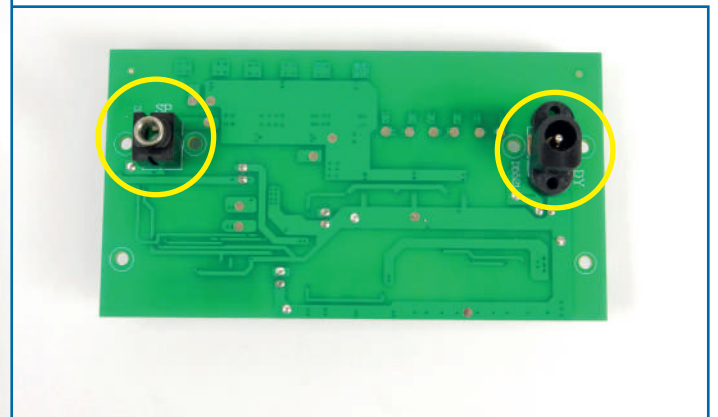
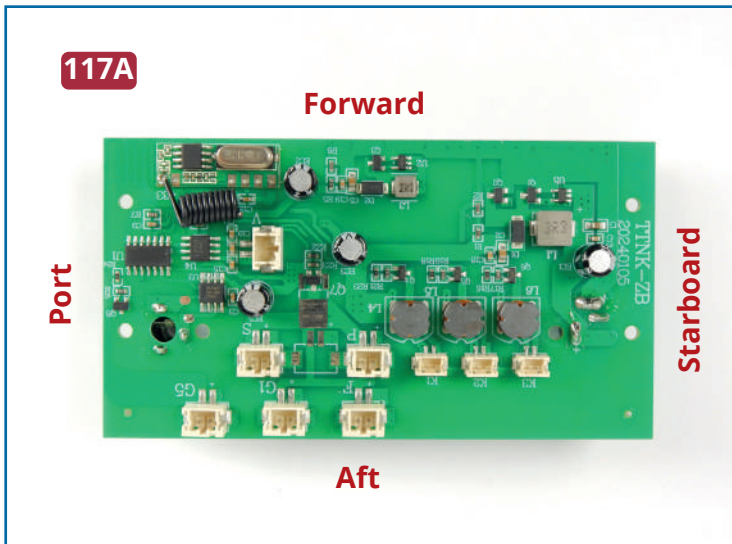
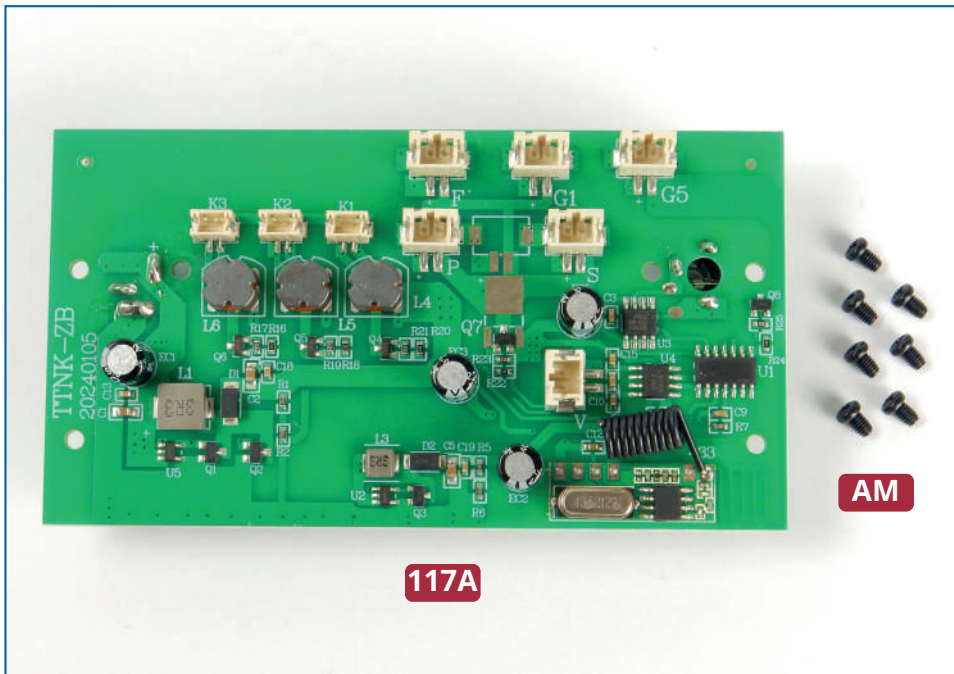


# THE MAIN CIRCUIT BOARD

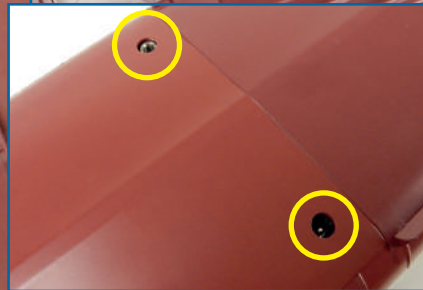
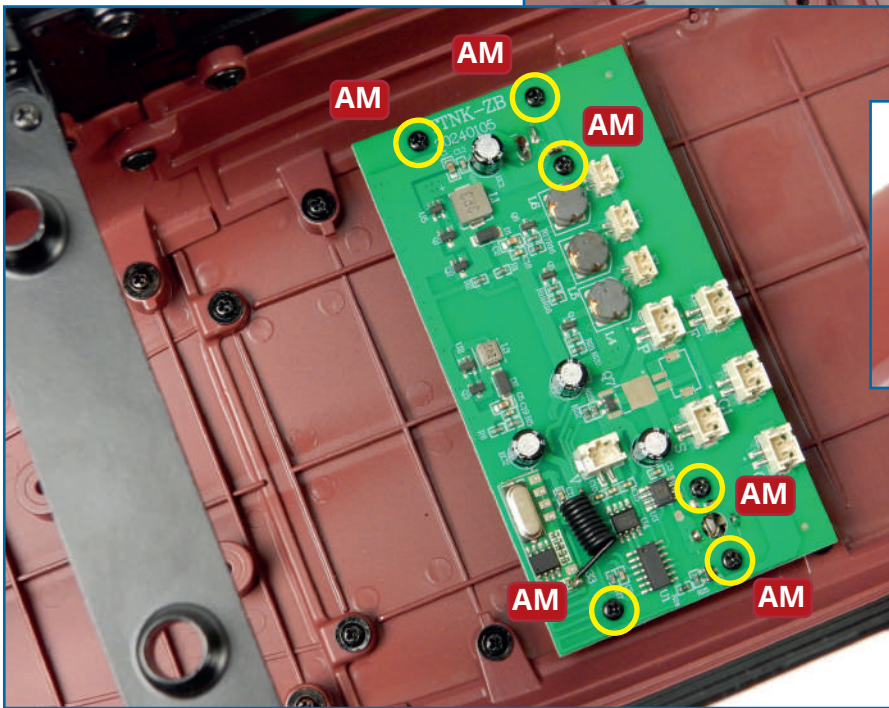
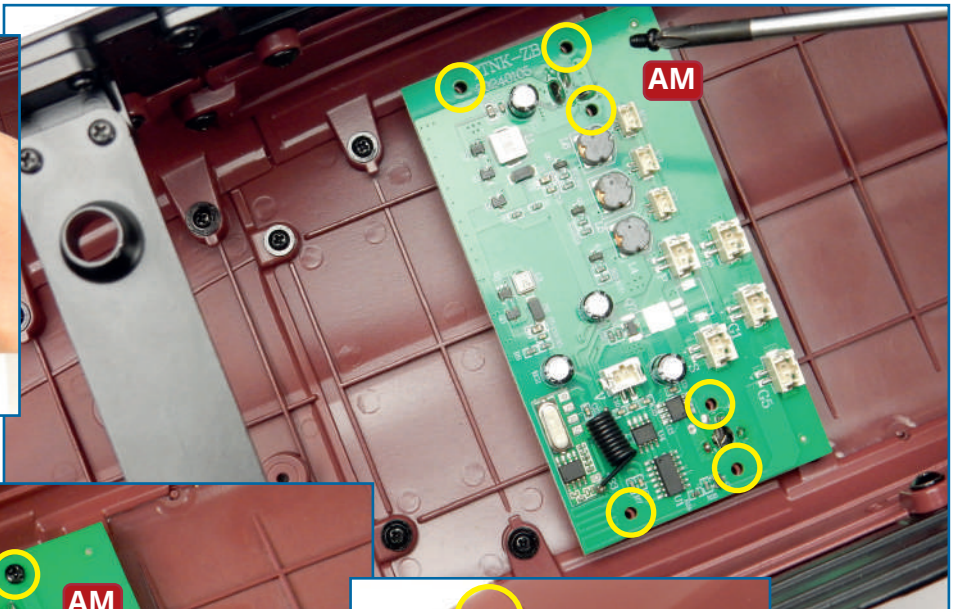
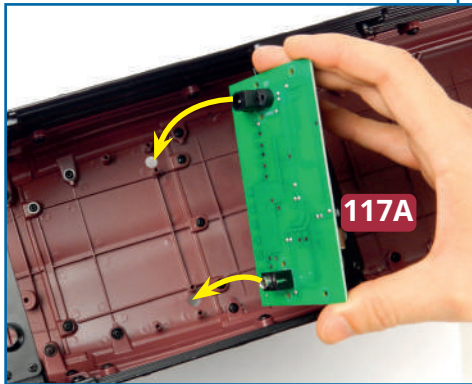
## PARTS IN THIS ISSUE

**117A** Printed circuit board

**AM** Seven PM screws  
(1 spare)

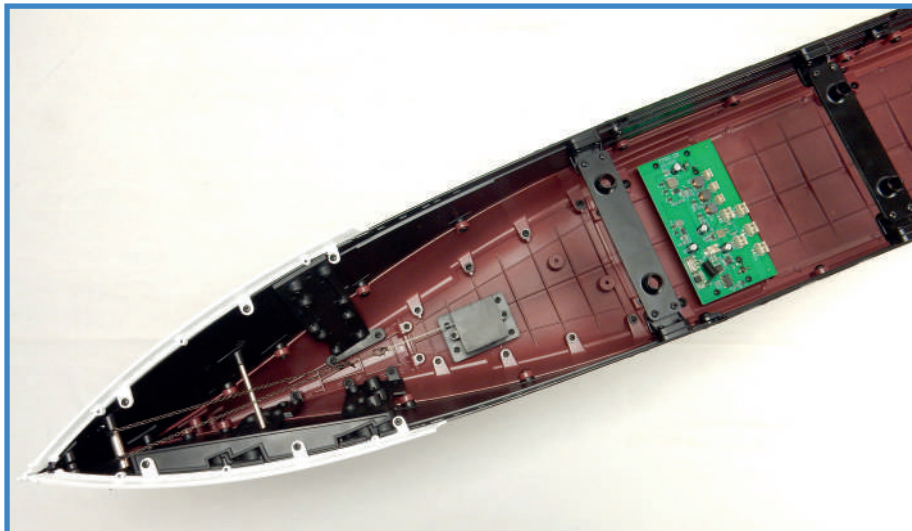


**1** Take the circuit board **117A** and identify the port, starboard, forward and aft edges, as indicated above. On the back of the board are two power connectors (circled in yellow, above right). Identify the fixing position in the hull (right): the power connectors fit into the holes in the hull, where indicated by the white circles.



**2** Fit the circuit board **117A** inside the hull so that the power connectors fit in the holes in the hull and the six screw holes in the board are aligned with the screw sockets in the hull. Fix in place using six **AM** screws.

**WARNING:** Do not try to fit the hull to the stand at this stage.



### **Completed work**

The main circuit board has been fitted inside the hull.

# ENGINE ROOM BULKHEADS

## PARTS IN THIS ISSUE

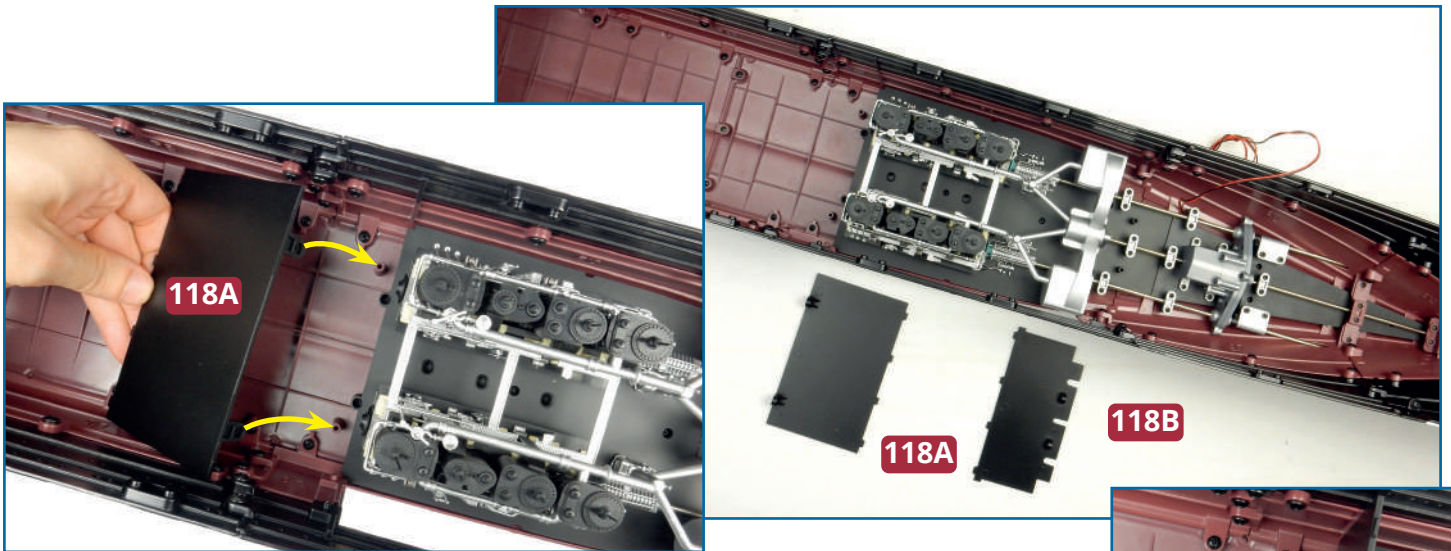
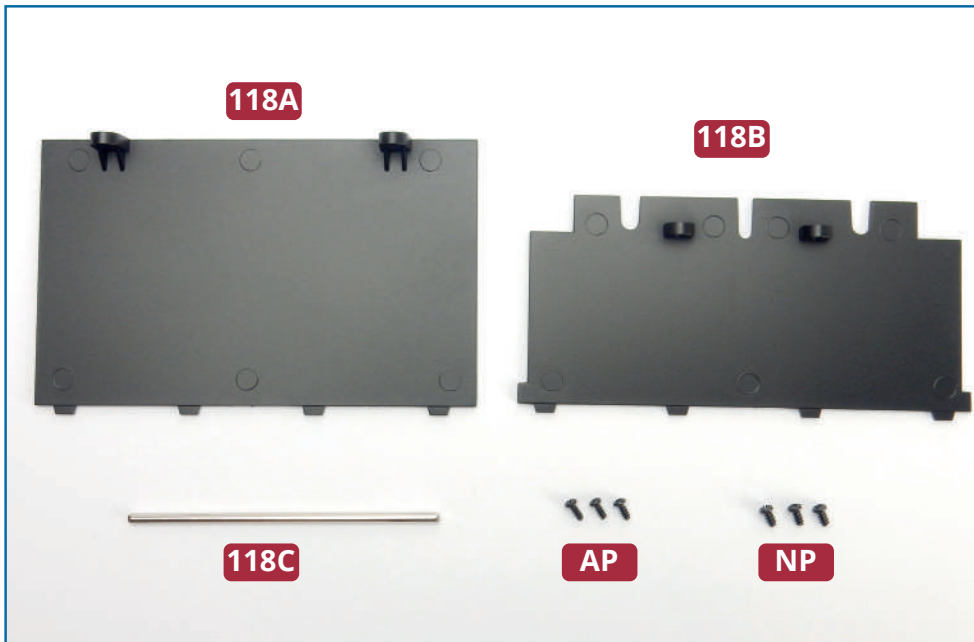
**118A** Forward bulkhead

**118B** Aft bulkhead

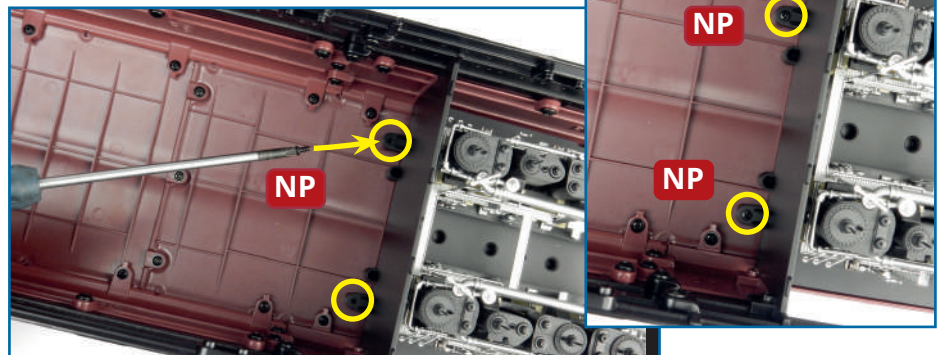
**118C** Upright support

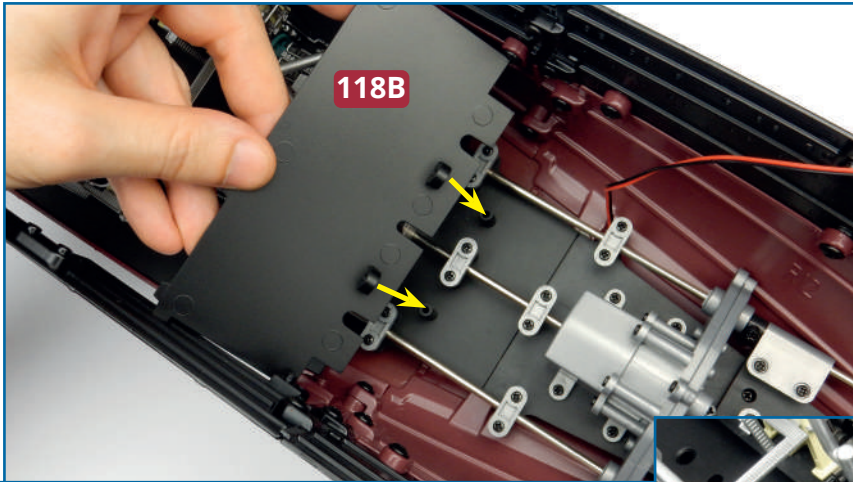
**AP** Three PB screws  
(1 spare)

**NP** Three PM screws  
(1 spare)

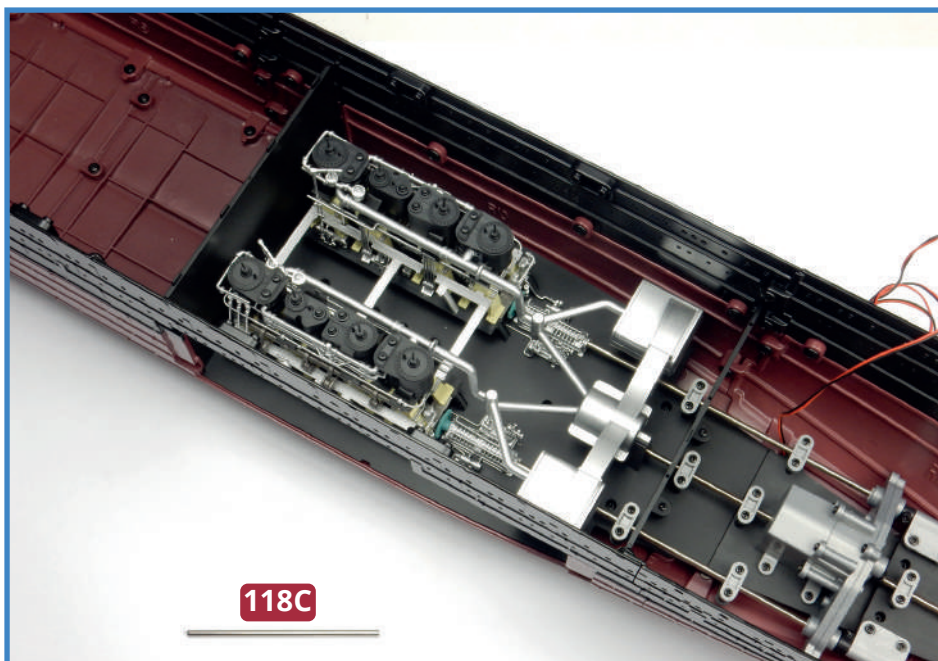
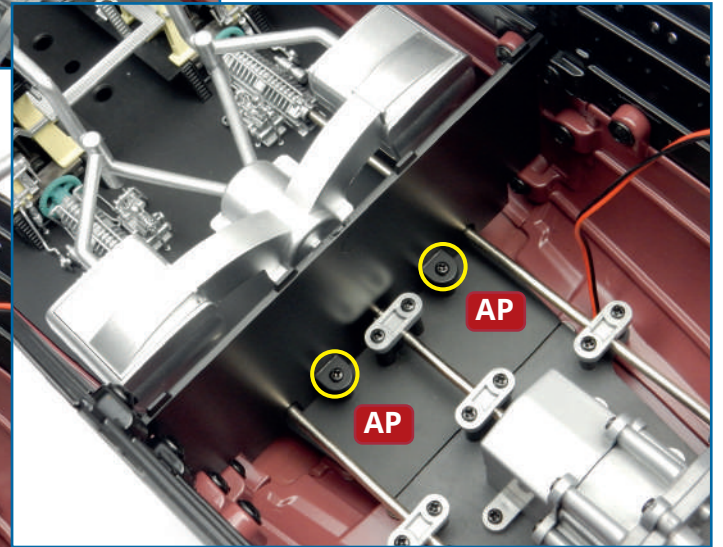
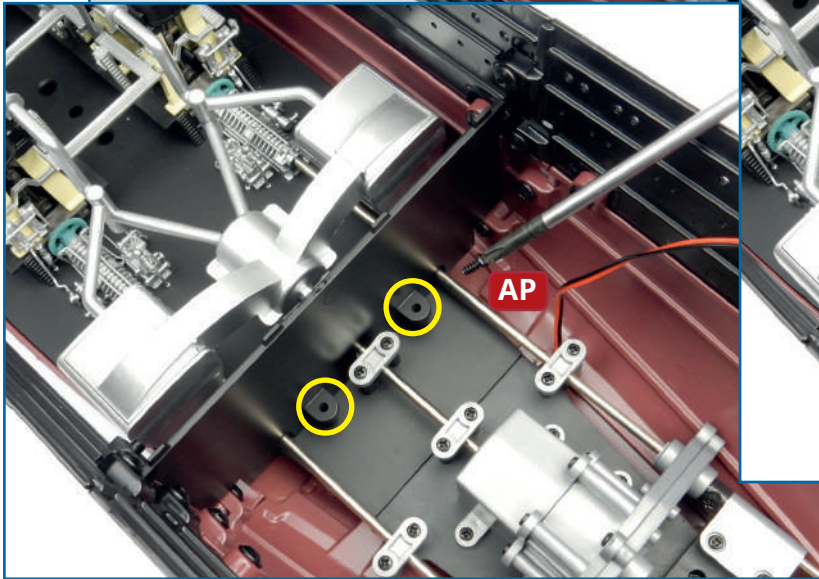


**1** Take the bulkheads **118A** and **118B** and the hull assembly from the previous issue. Position the forward bulkhead **118A** at the end of the reciprocating engines, as indicated, so that the screw holes in the tabs align with the screw holes in the base of the hull. Fix in place with two **NP** screws.





**2** Position the aft bulkhead **118B** behind the reciprocating engines, as indicated. Screw holes in the tabs on the bulkhead align with screw holes in the engine room floor and the notches in the bulkhead fit over the propeller shafts. Fix in place with two **AP** screws.



### **Completed work**

The bulkheads complete the assembly of the engine room. Store part **118C** carefully: it will be needed in the next stage of the assembly.

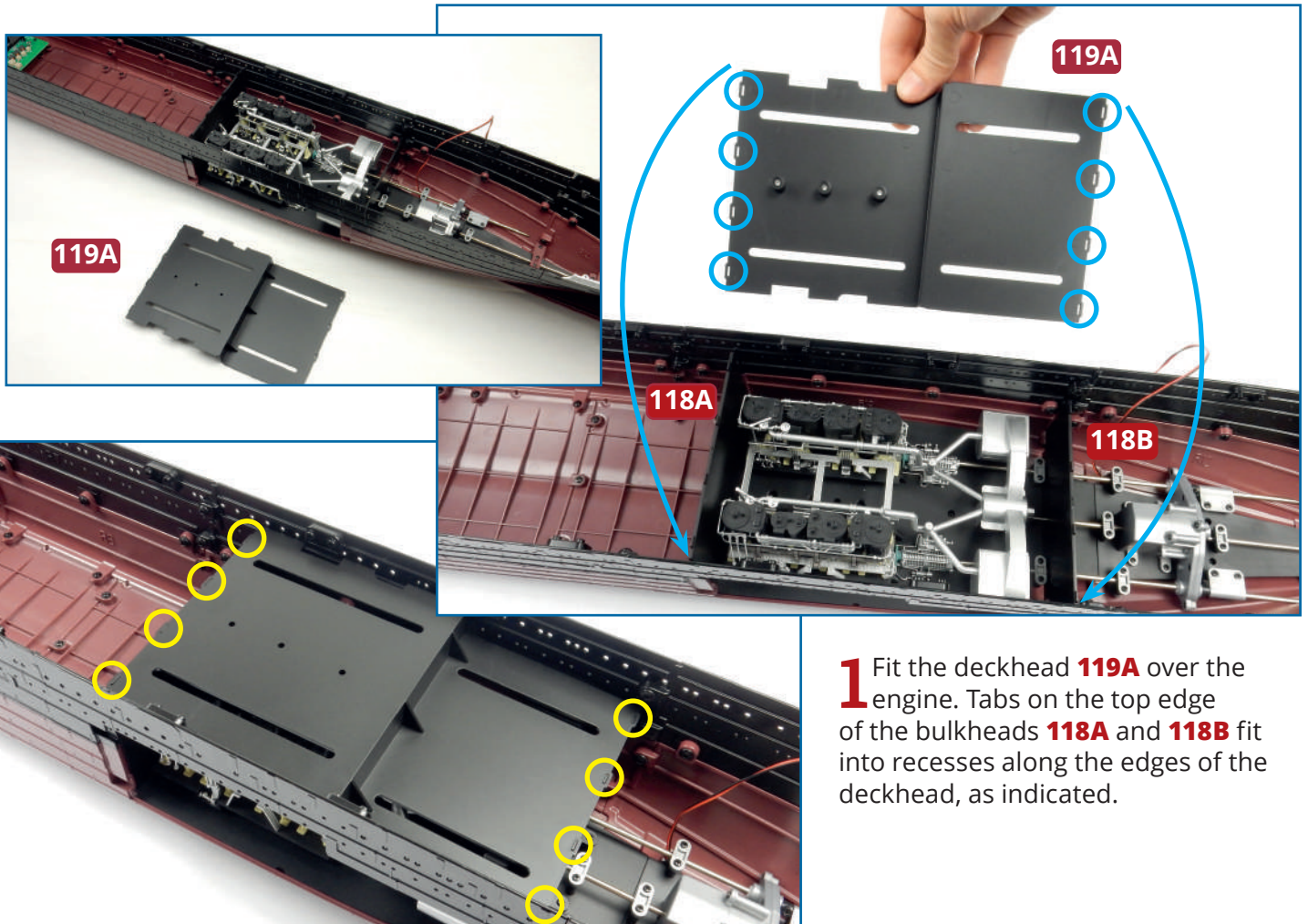
# ENGINE ROOM DECKHEAD



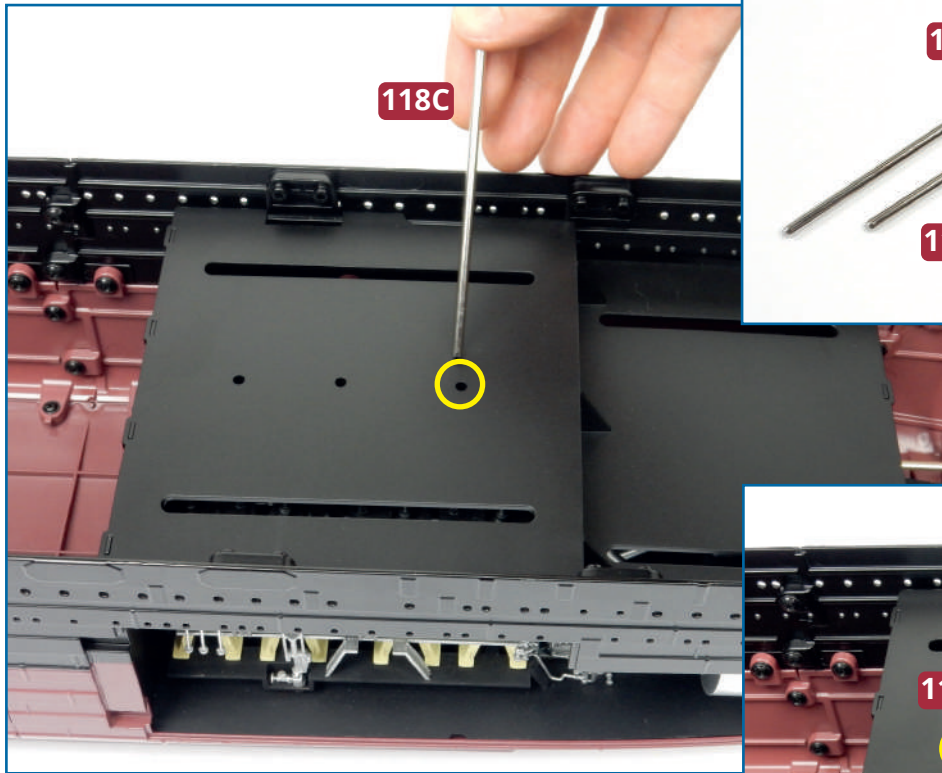
## PARTS IN THIS ISSUE

**119A** Engine room deckhead

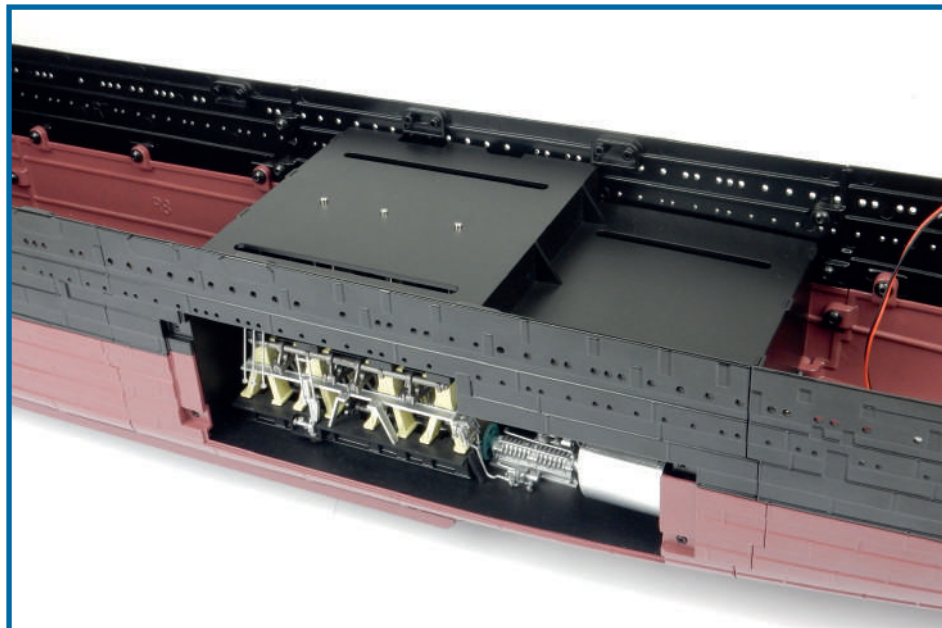
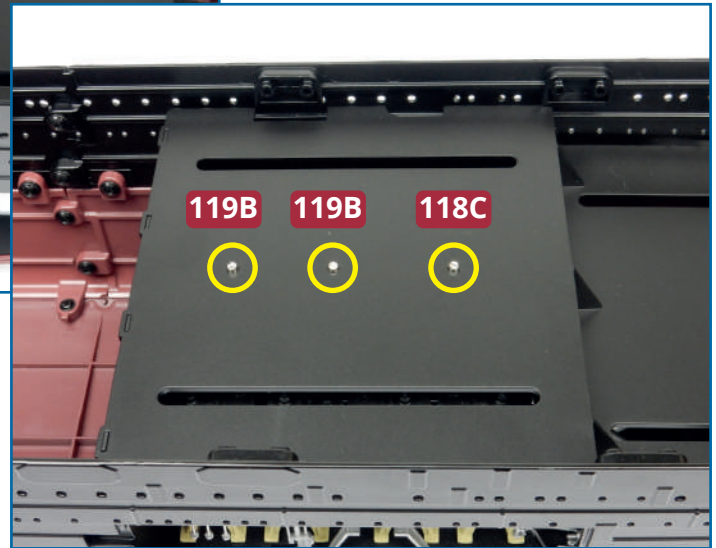
**119B** Upright supports (x 2)



**1** Fit the deckhead **119A** over the engine. Tabs on the top edge of the bulkheads **118A** and **118B** fit into recesses along the edges of the deckhead, as indicated.



**2** Take the two uprights **119B** and the upright **118C** supplied with the previous issue. Insert upright **118C** into the aft hole in the deckhead and push it all the way down. Repeat to fit the two uprights **119B**.

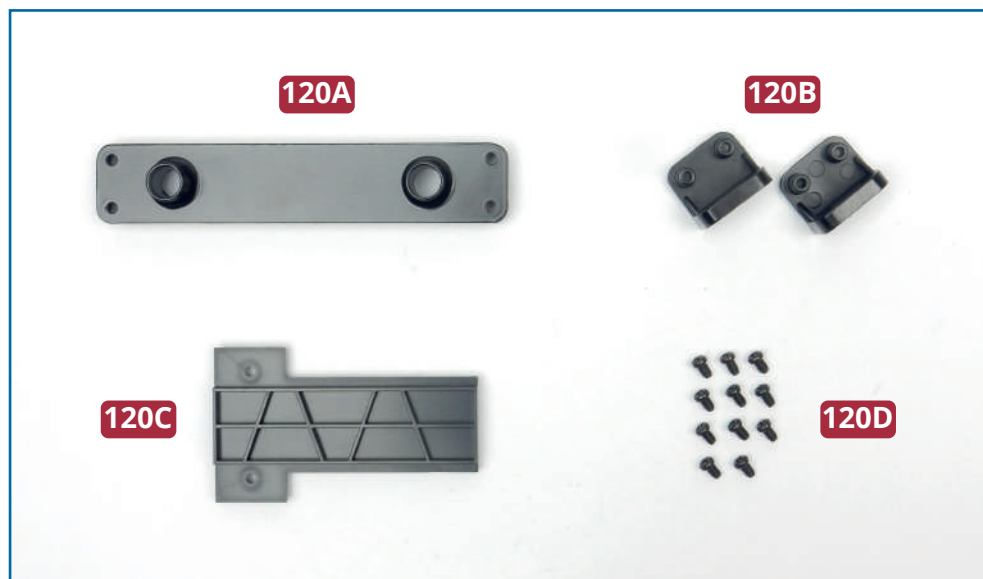


### Completed work

The engine room has been completed with the addition of the deckhead.

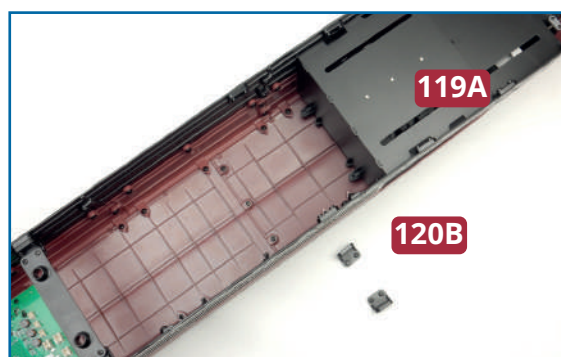


# BOW CROSS SUPPORT

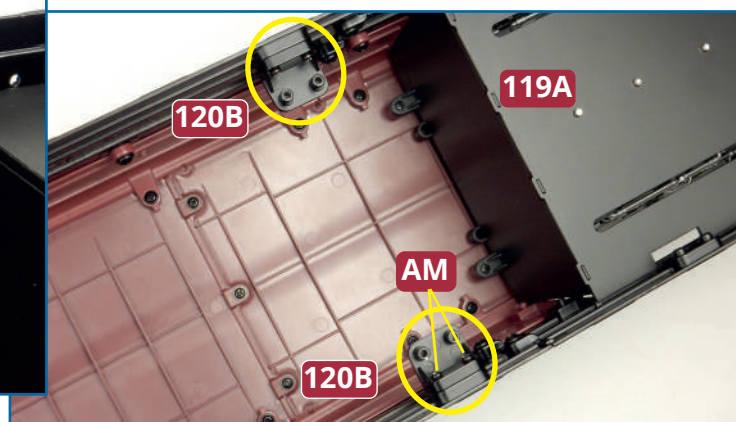
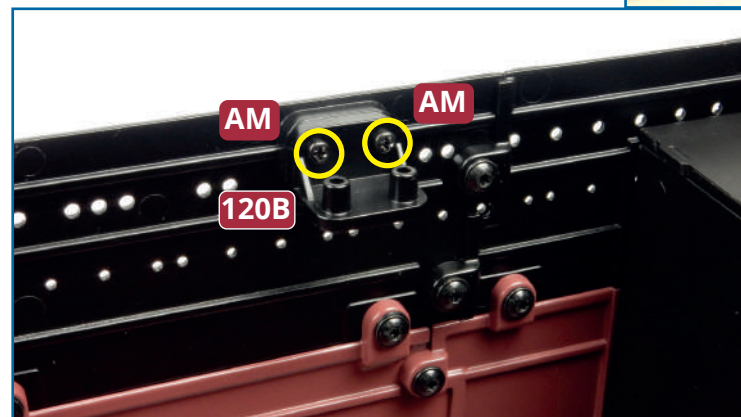


## PARTS IN THIS ISSUE

- 120A** Bow cross support
- 120B** Brackets (x 2)
- 120C** Panel
- AM** Eleven 2.6 x 5mm screws (1 spare)

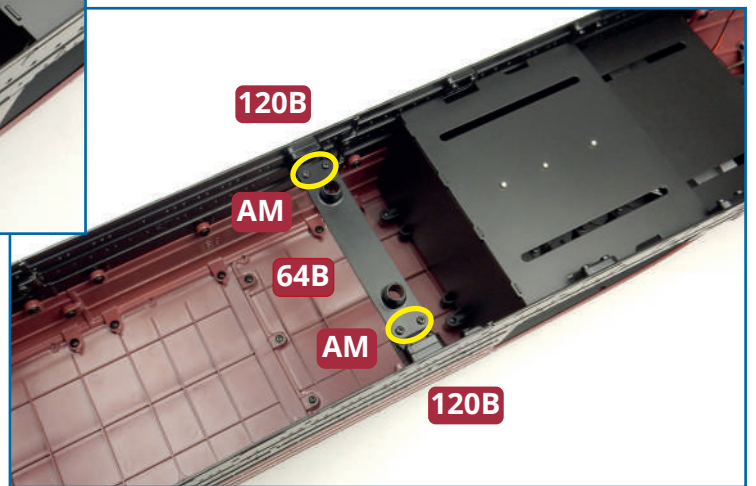
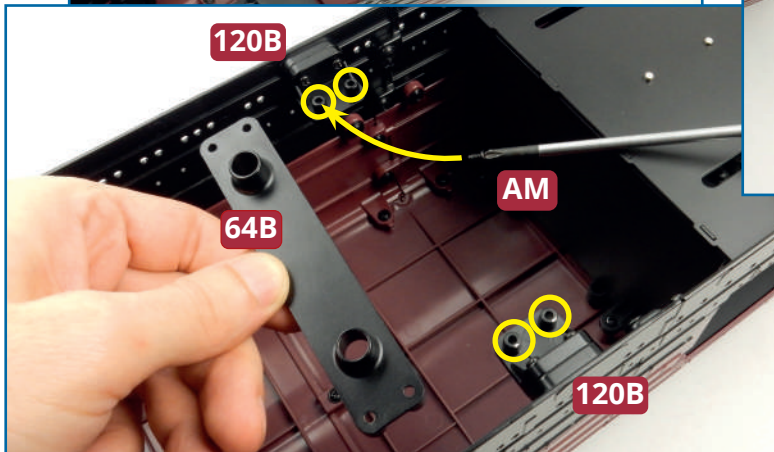
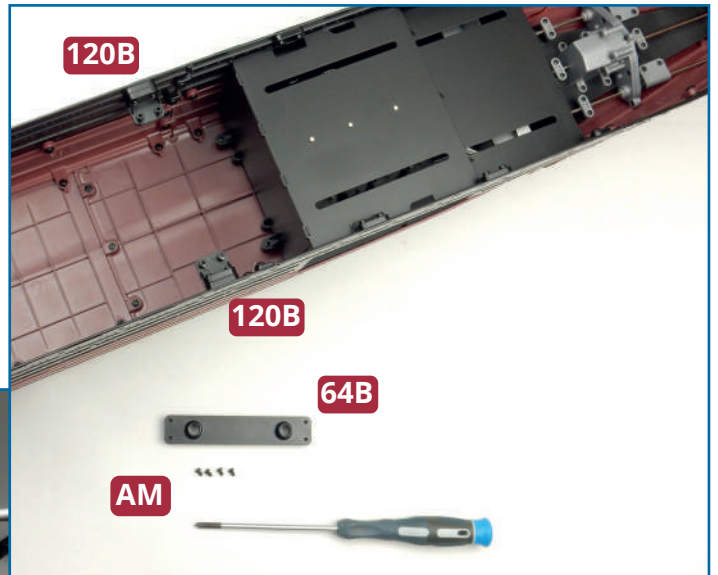
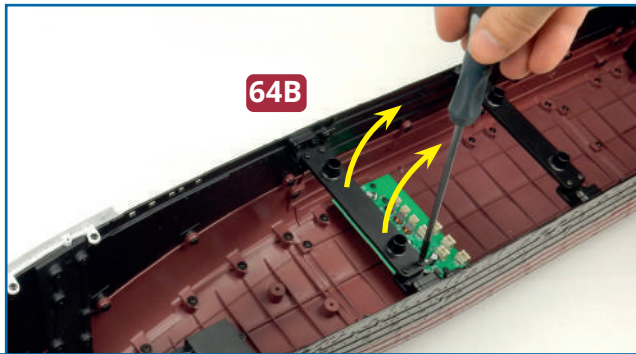


**1** Take the hull of your model and the two brackets **120B**. Identify the fixing points for the brackets near the engine room deckhead **119A**. Fix the brackets in place with four **AM** screws, as indicated.

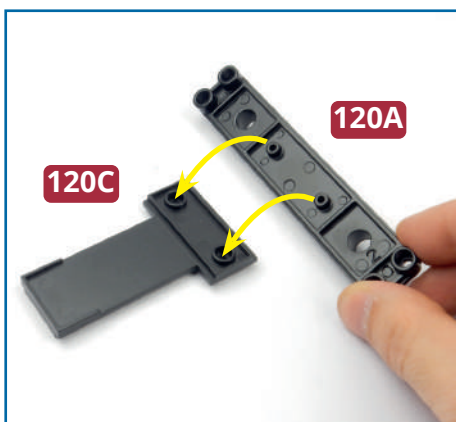




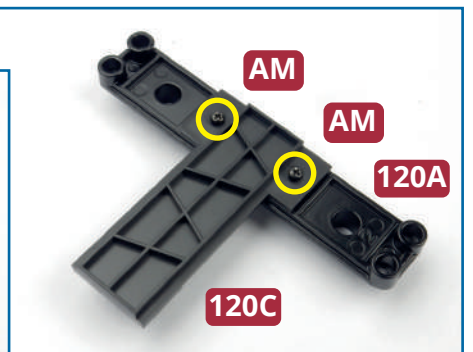
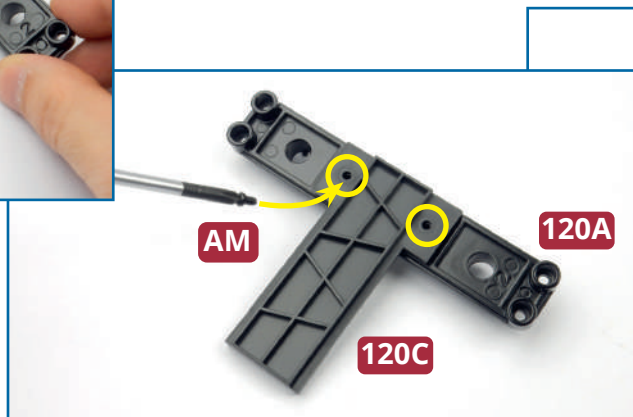
# ★ STEP-BY-STEP INSTRUCTIONS ★

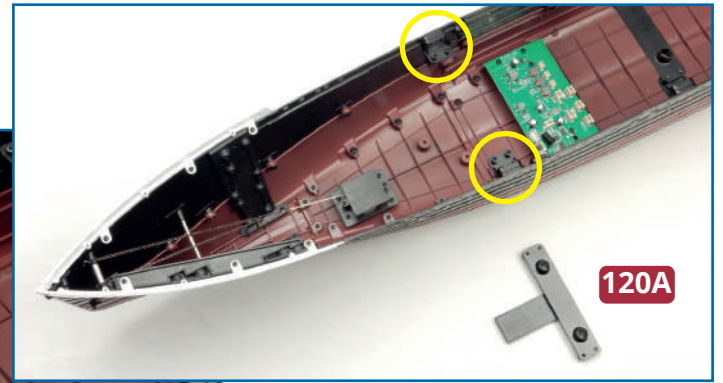
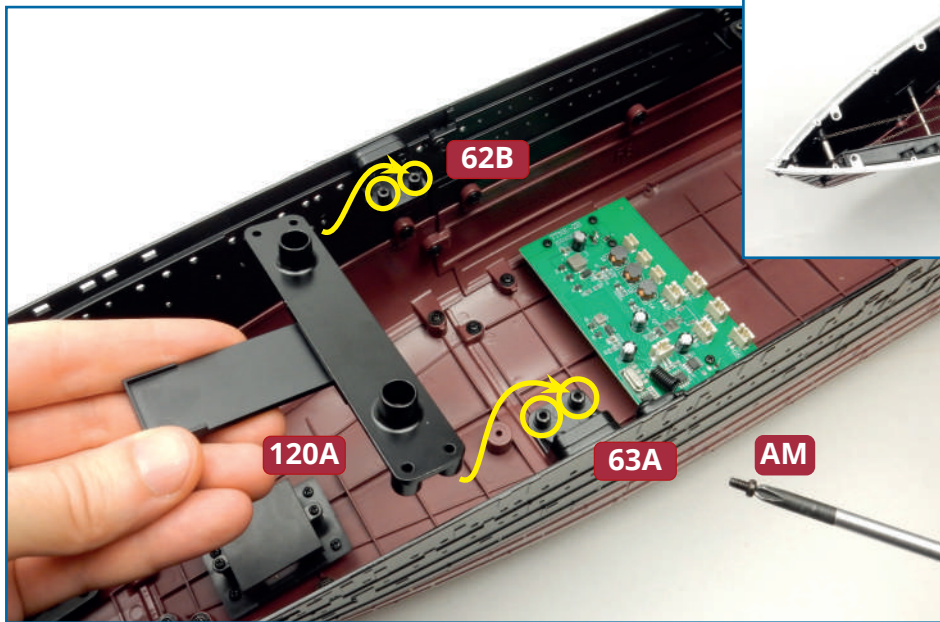


**2** Remove the cross support **64B** (located towards the bow) by unscrewing the **AM** screws that hold it on the brackets. Move the cross support **64B** aft and fit it between the brackets **120B** fitted in the previous step. Fix in place with four **AM** screws.

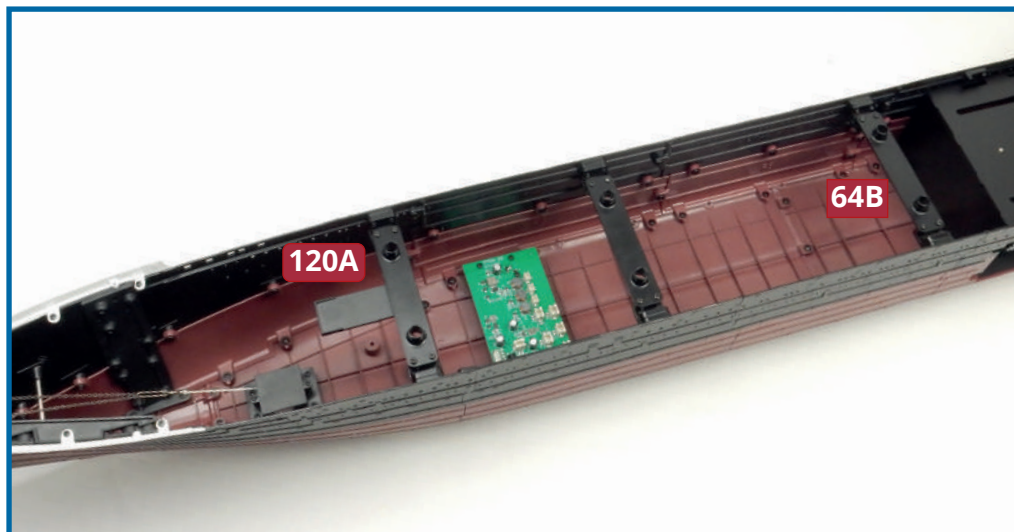
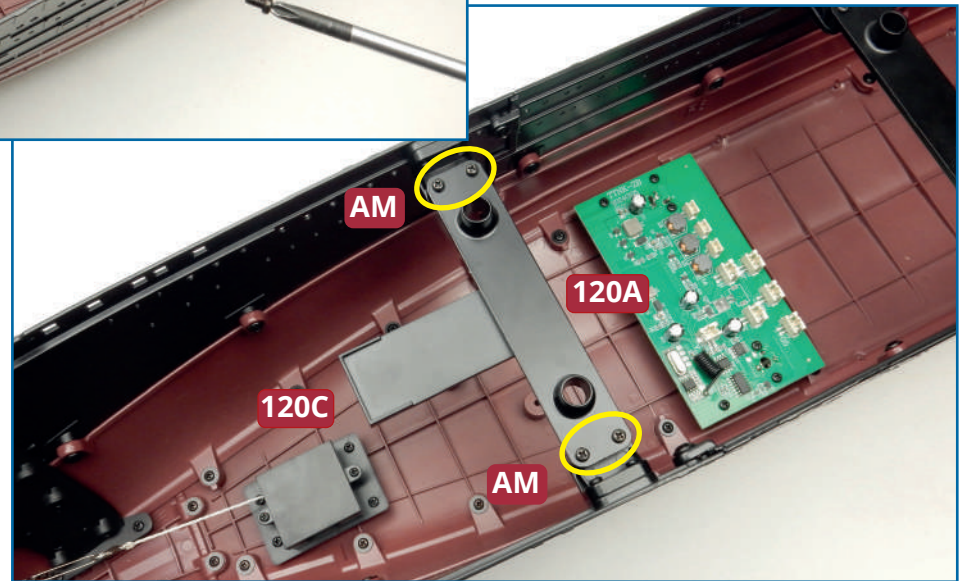


**3** Take the panel **120C** and check how the cross support **120A** fits so that raised screw sockets on the underside of part **120A** fit into screw sockets in part **120C** (arrows). Fix the parts together with two **AM** screws.





**4** Position the cross support **120A** on the two free bow brackets **62B** and **63A** (where part **64B** was fitted). Fix part **120A** in place with four **AM** screws.

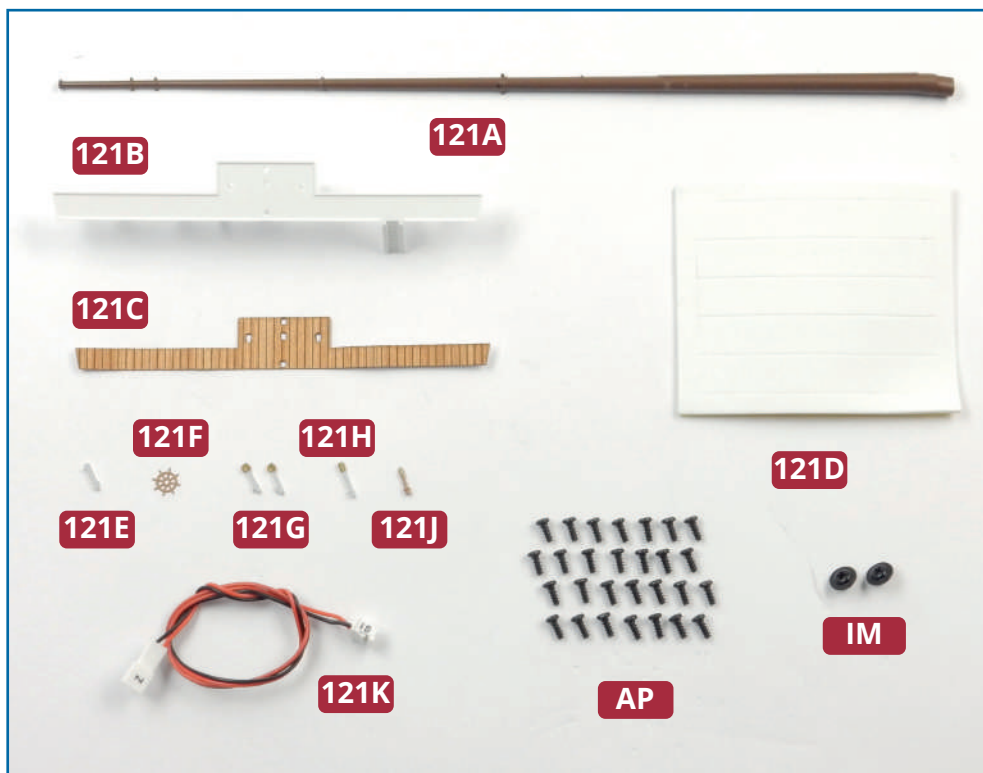


## Completed work

A total of three cross supports have completed the hull assembly.

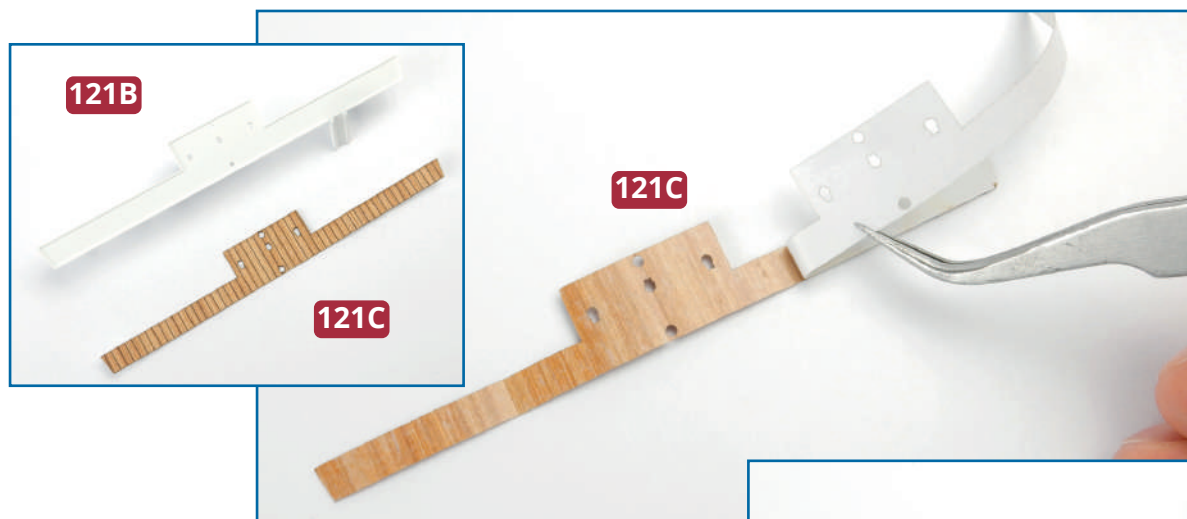


# DOCKING BRIDGE AND AFT MAST

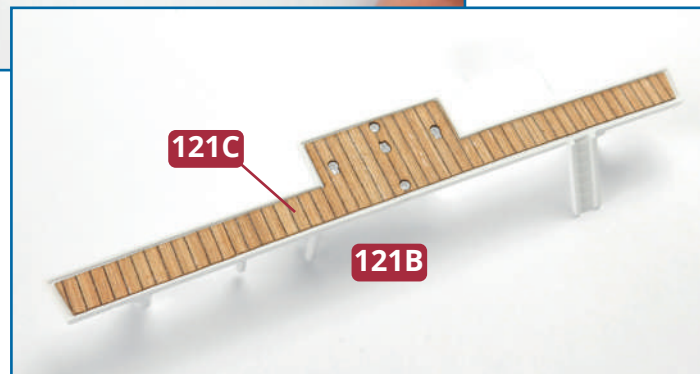


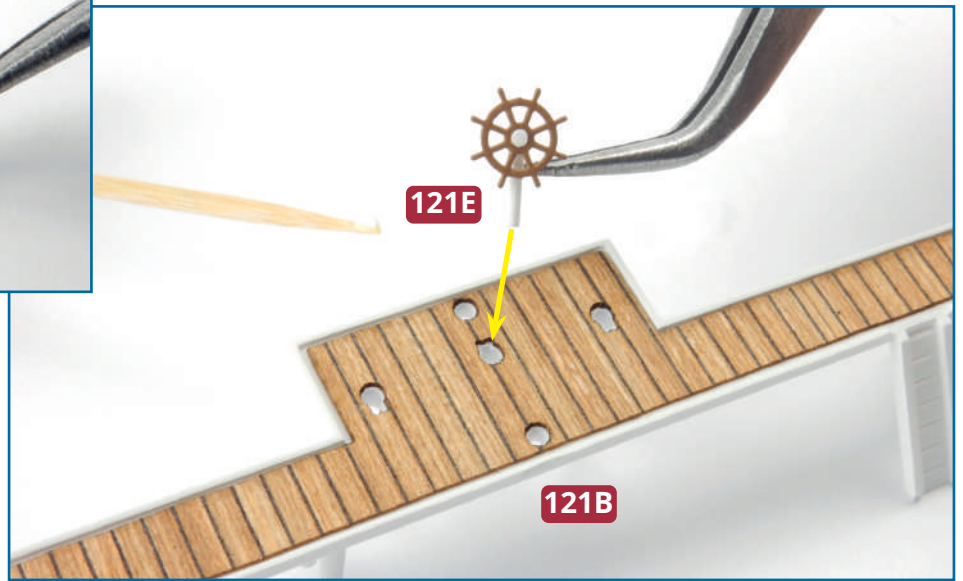
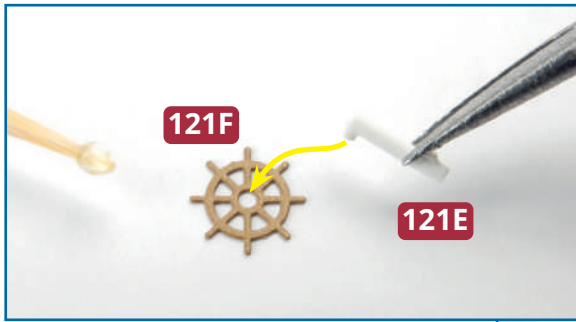
## PARTS IN THIS ISSUE

- 121A** Aft mast
- 121B** Docking bridge
- 121C** Decking
- 121D** Adhesive strips
- 121E** Wheel pedestal
- 121F** Wheel
- 121G** Telegraphs (x 2)
- 121H** Telephone
- 121J** Compass
- 121K** Extension cable
- AP** Twenty seven PB screws (1 spare)
- IM** Two PWM screws (1 spare)

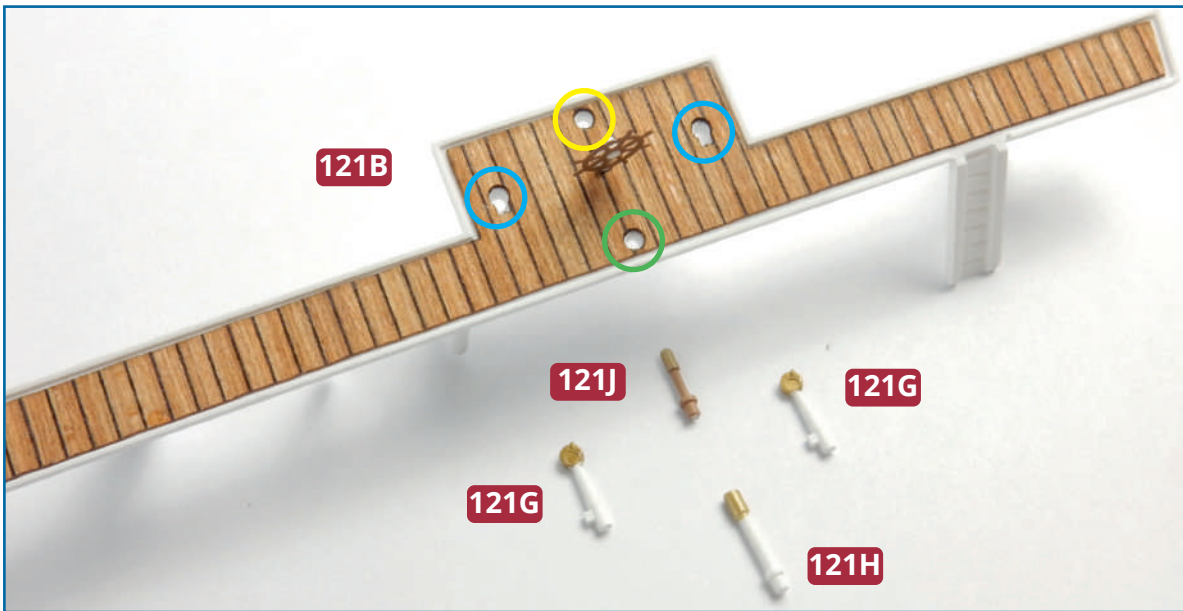


**1** Take the docking bridge **121B** and decking **121C**. Check how the decking fits, then remove the protective backing and fix the decking in place, smoothing it down with a soft cloth.

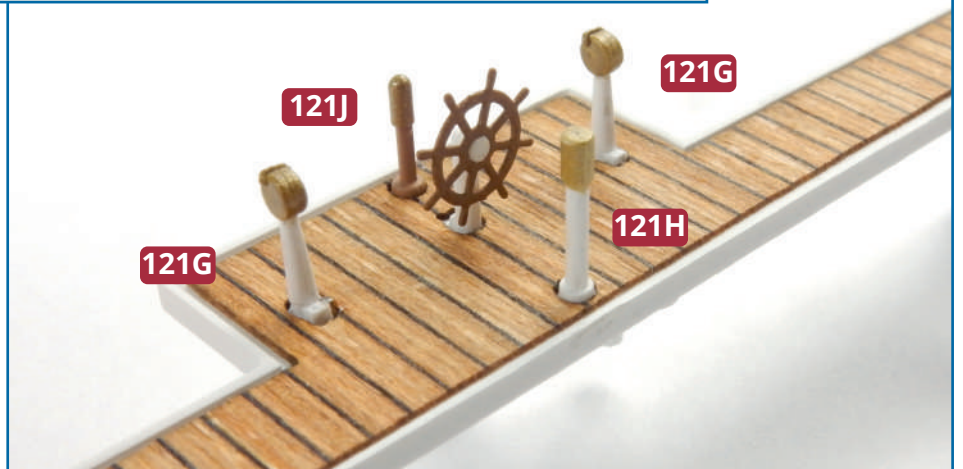




**2** Glue the wheel **121F** to the wheel pedestal **121E** (as shown above). Then, with a drop of glue, fix the column in the hole in the docking bridge **121B** (as shown right). Note that the hole is shaped to accommodate the shaped end of part **121E**.

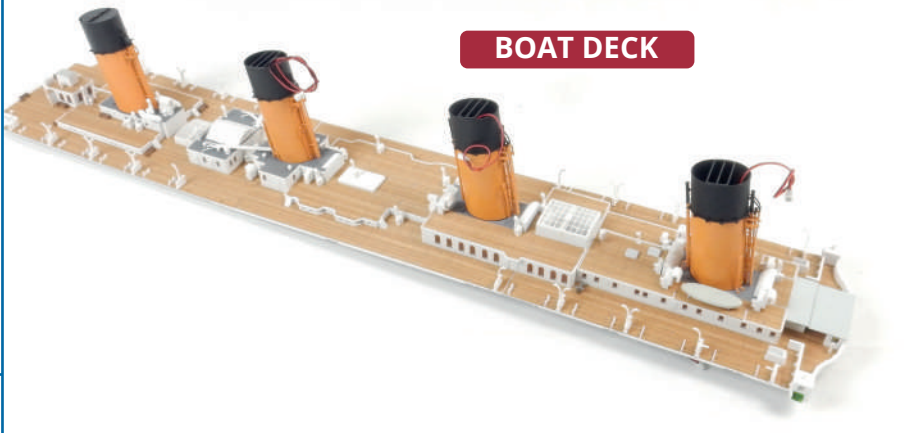


**3** Similarly, use a little glue to fix the two telegraphs **121G** (shaped holes, circled in blue), the telephone **121H** (hole circled in yellow), and the compass **121J** (hole circled in green).

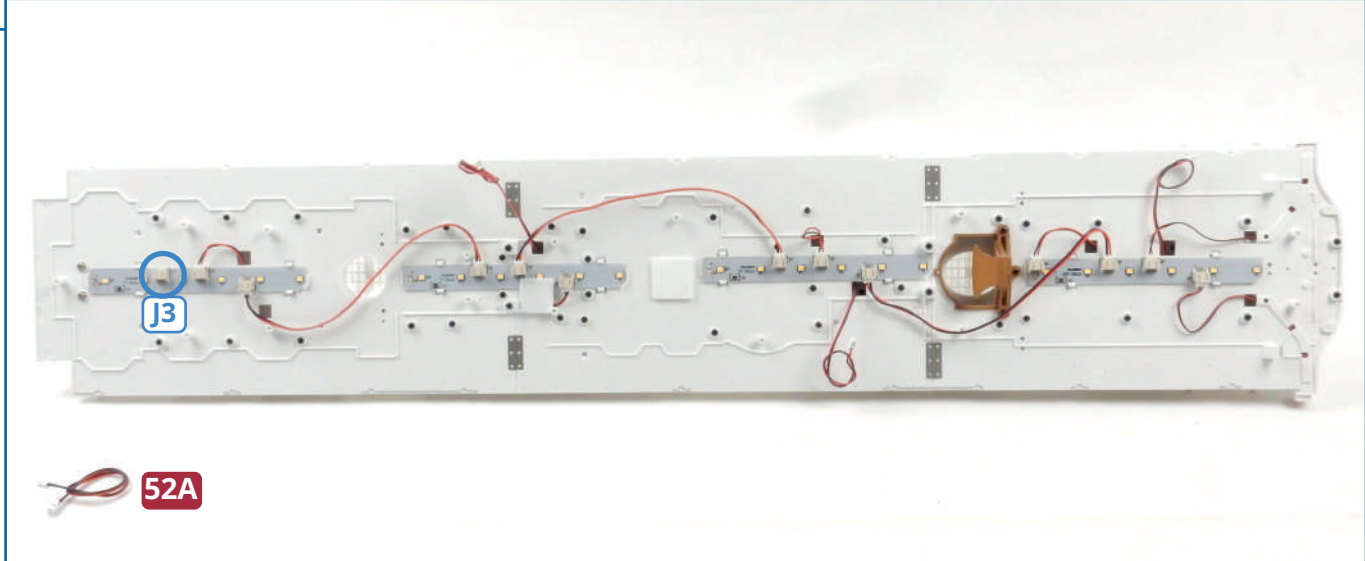
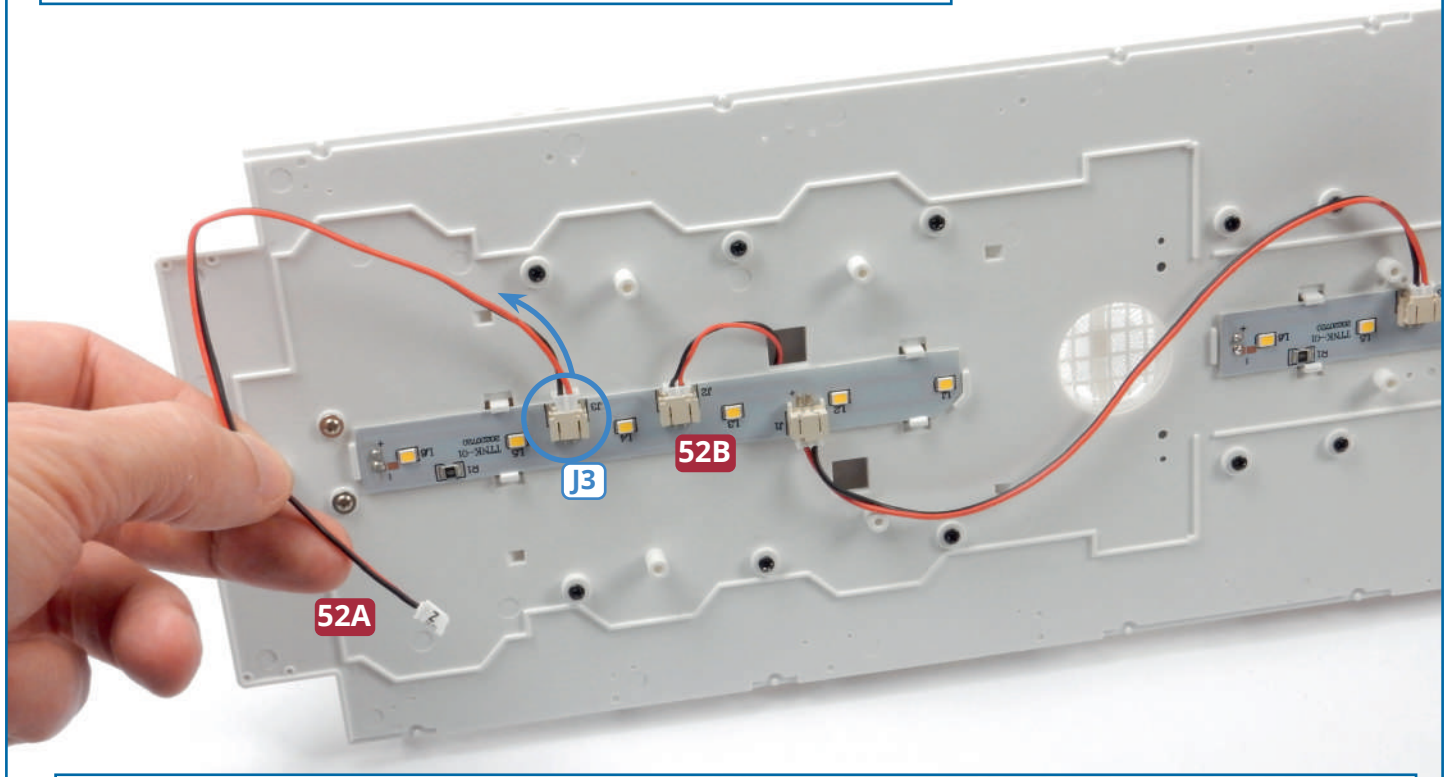


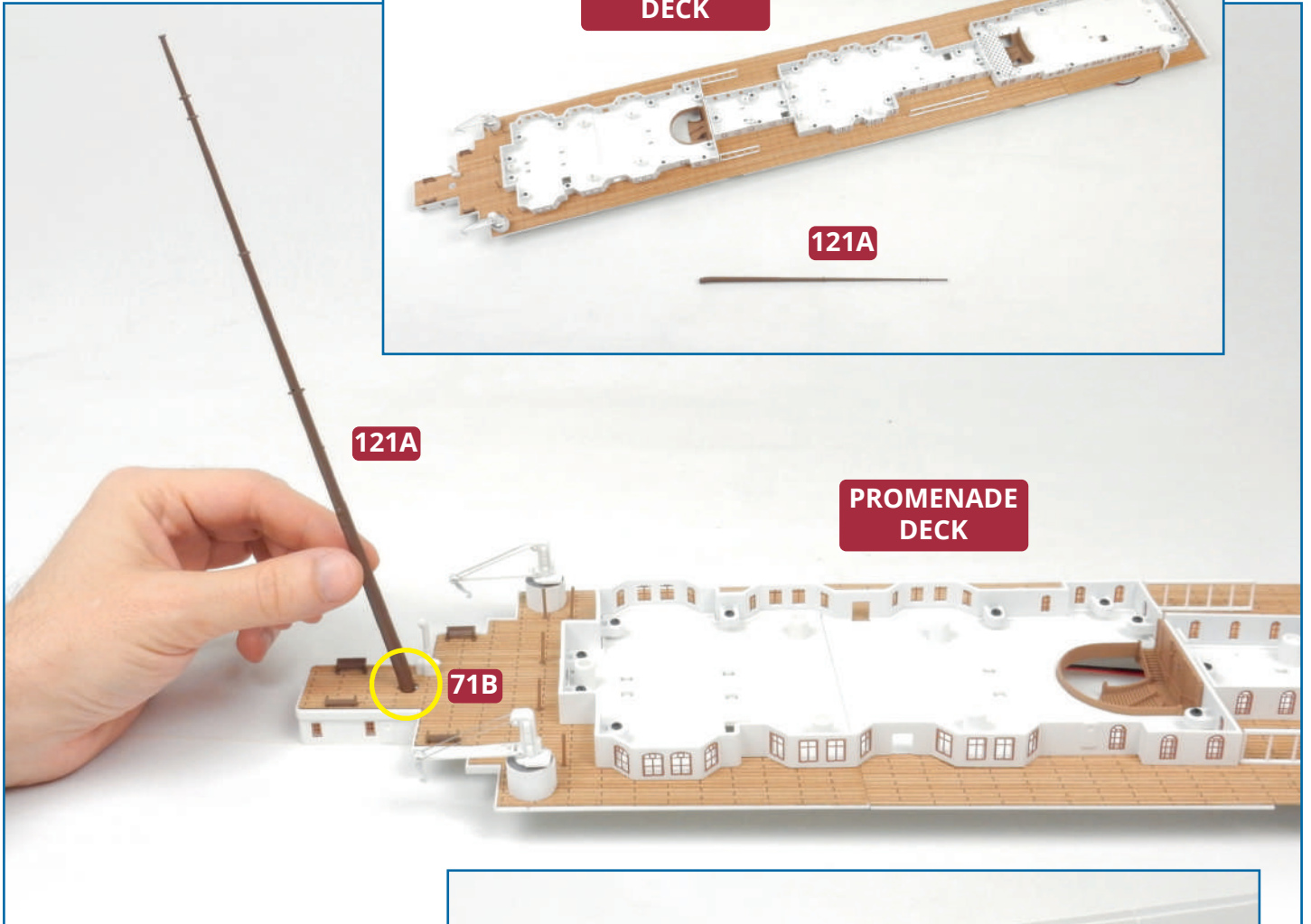
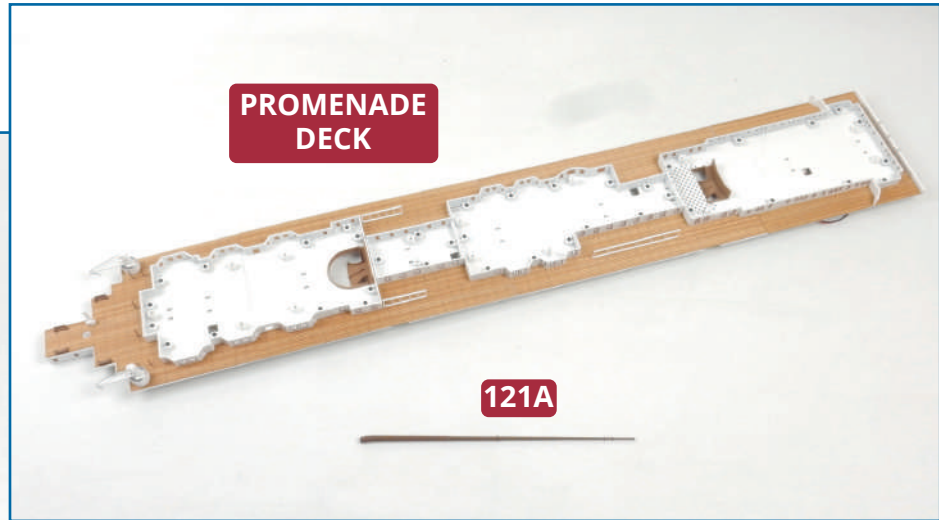


**BOAT DECK**

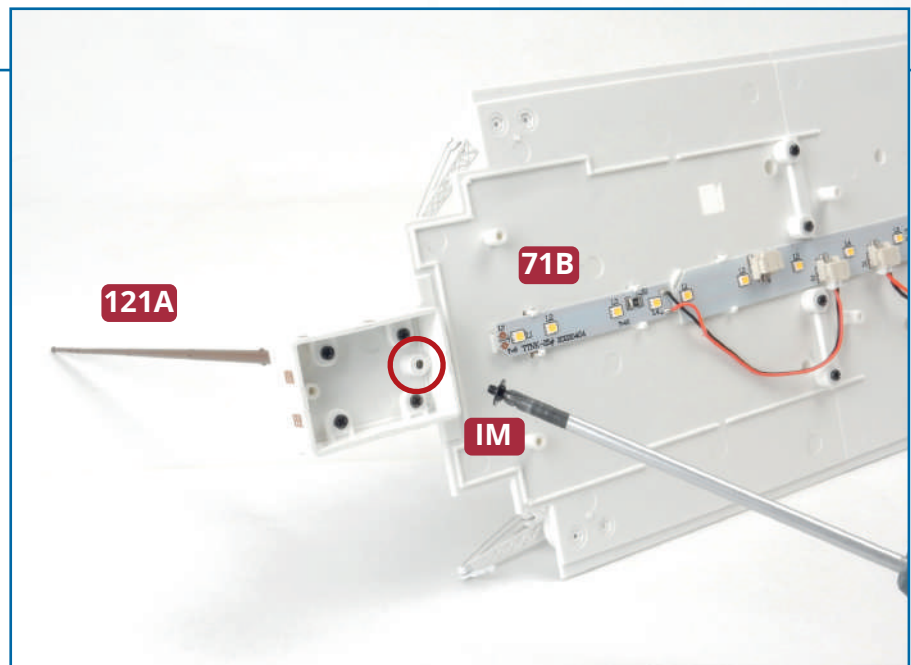


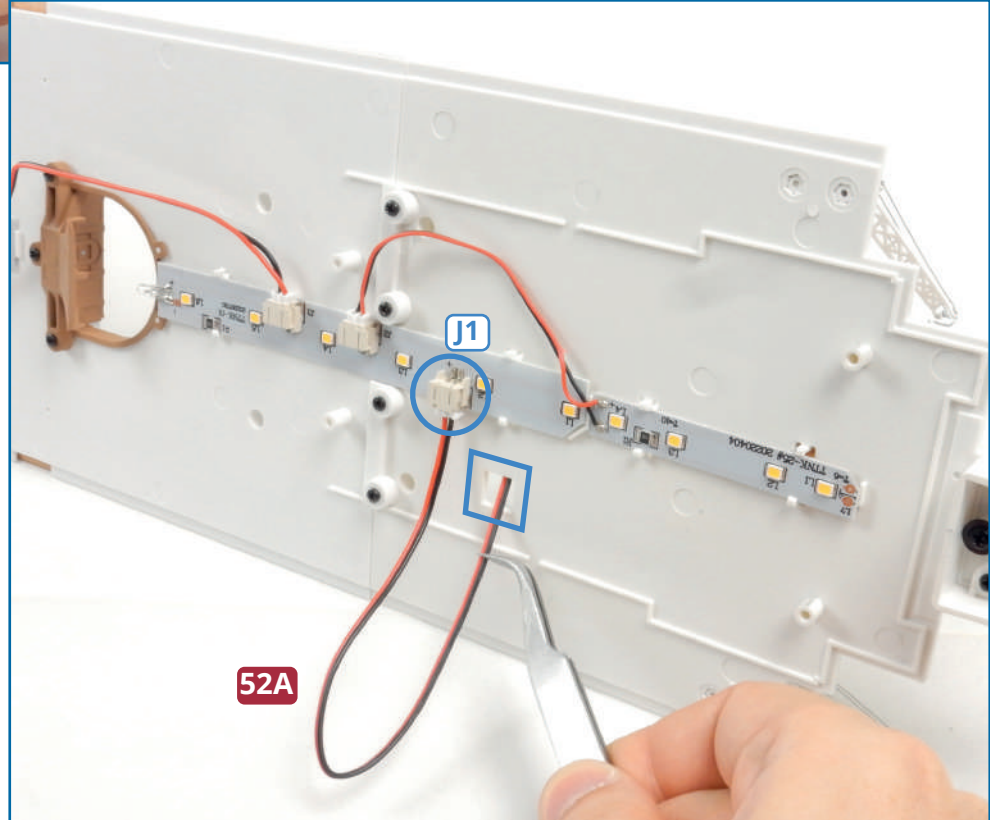
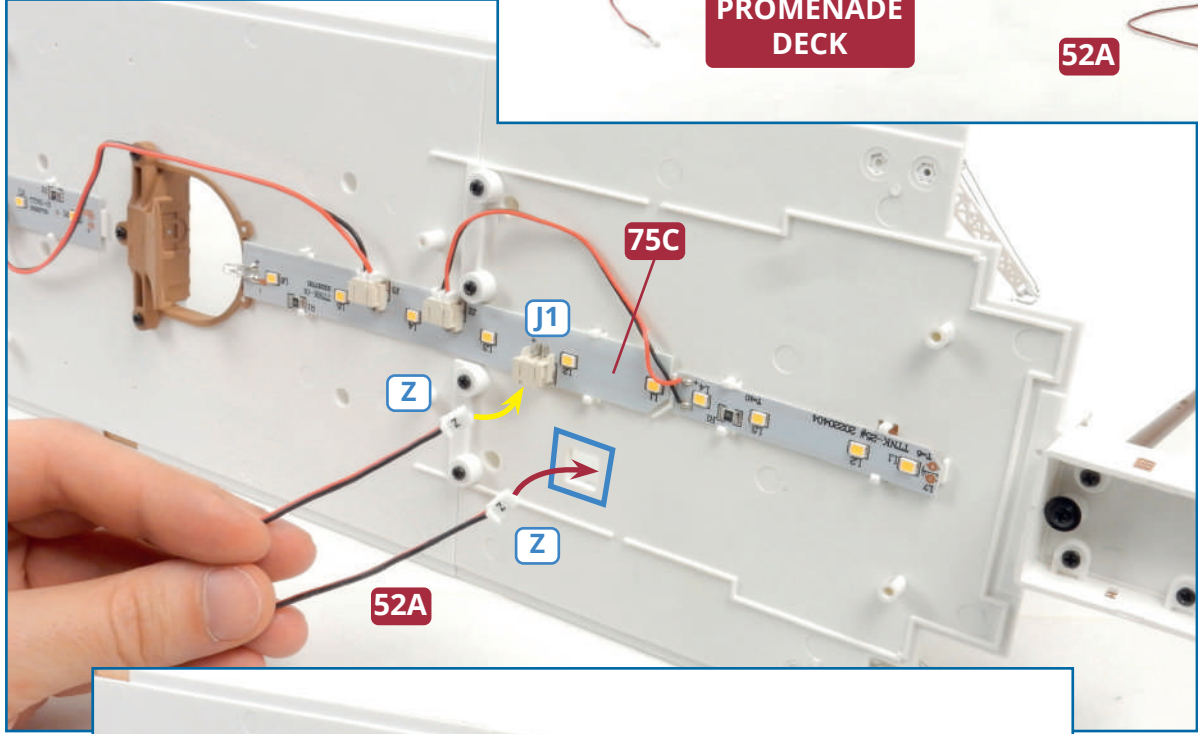
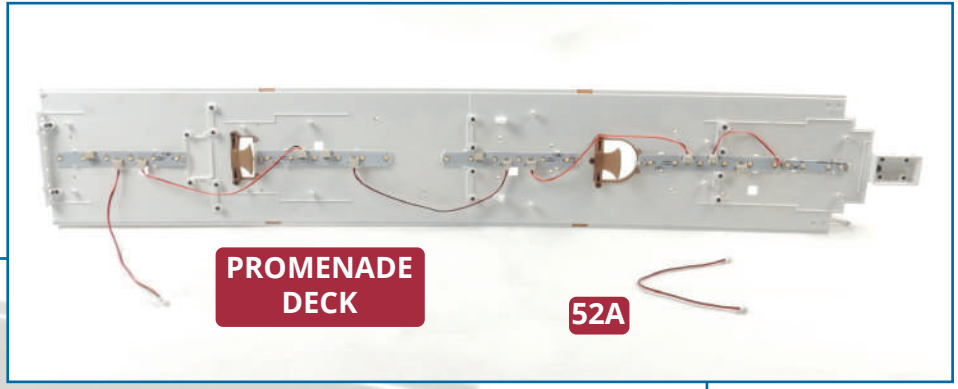
**4** Take the boat deck and carefully turn it on its side so that you can access the lighting strips. Identify the cable **52A**, which is connected to the socket **J3** on the LED strip **52B** (see below). Remove the cable and put it carefully to one side.





**5** Take the promenade deck and the aft mast **121A**. Fit the end of the mast to section **71B** of the deck and fix it in place from underneath using an **IM** screw.

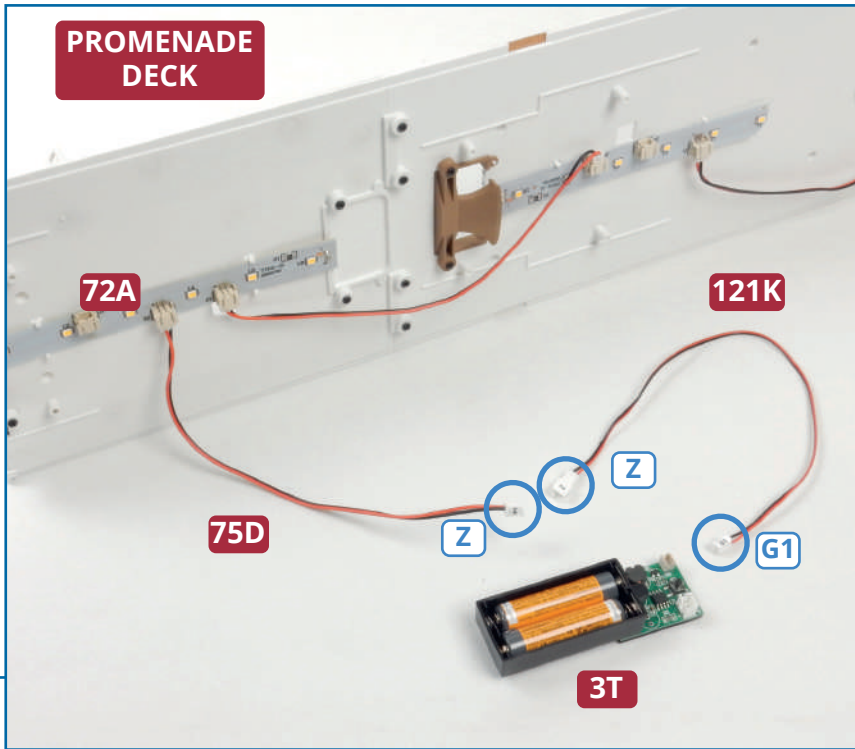




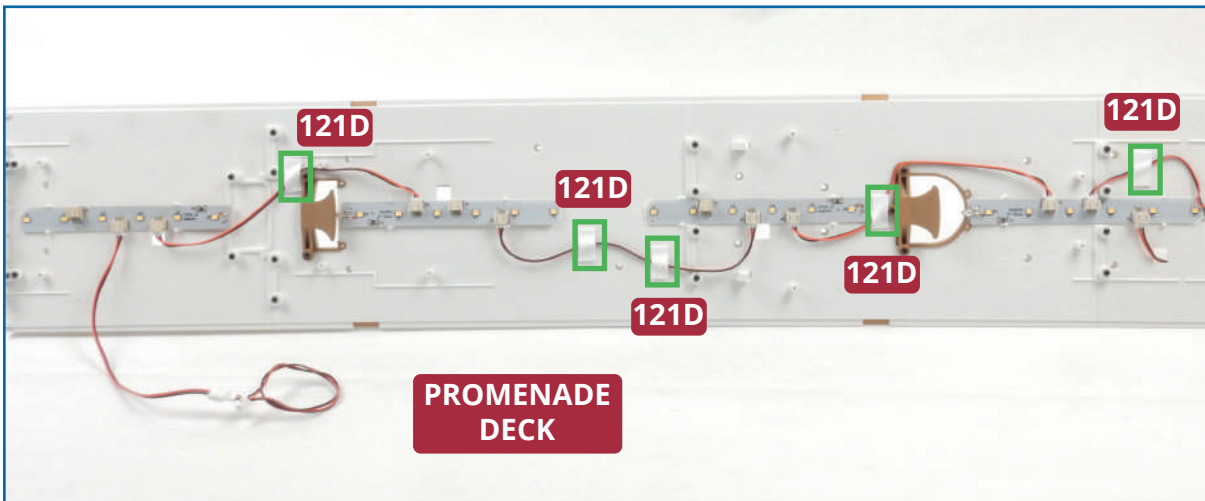
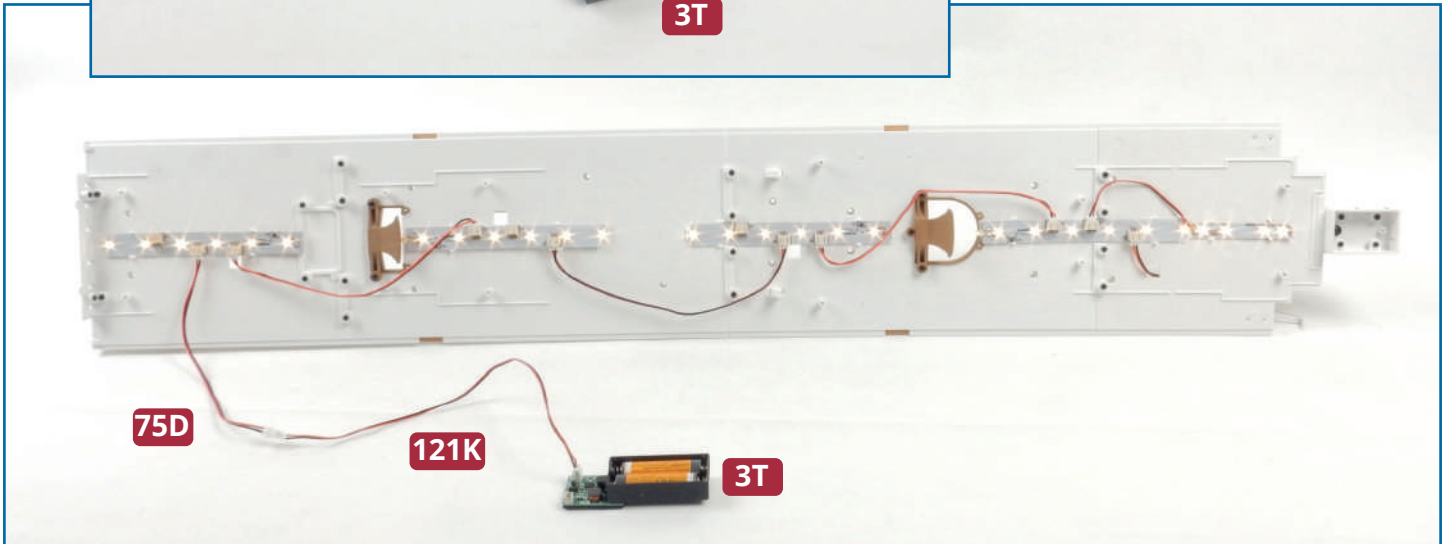
**6** With the promenade deck positioned so that you can access the underside, take the cable **52A** removed in step 4 (both ends of this cable are marked with a "Z"). Fit one end into socket **J1** on the LED strip **75C**. Run the other end through the square hole (outlined in blue).

## ★ STEP-BY-STEP INSTRUCTIONS ★

### PROMENADE DECK

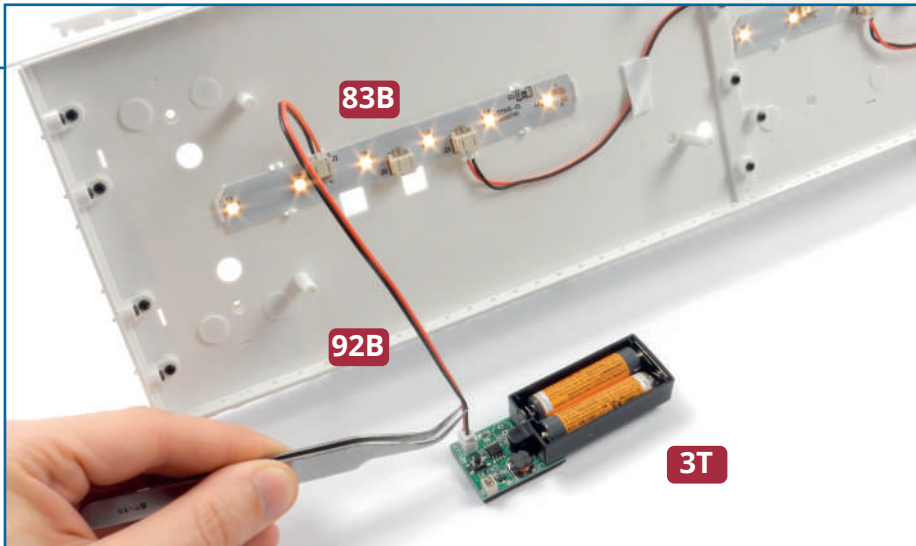
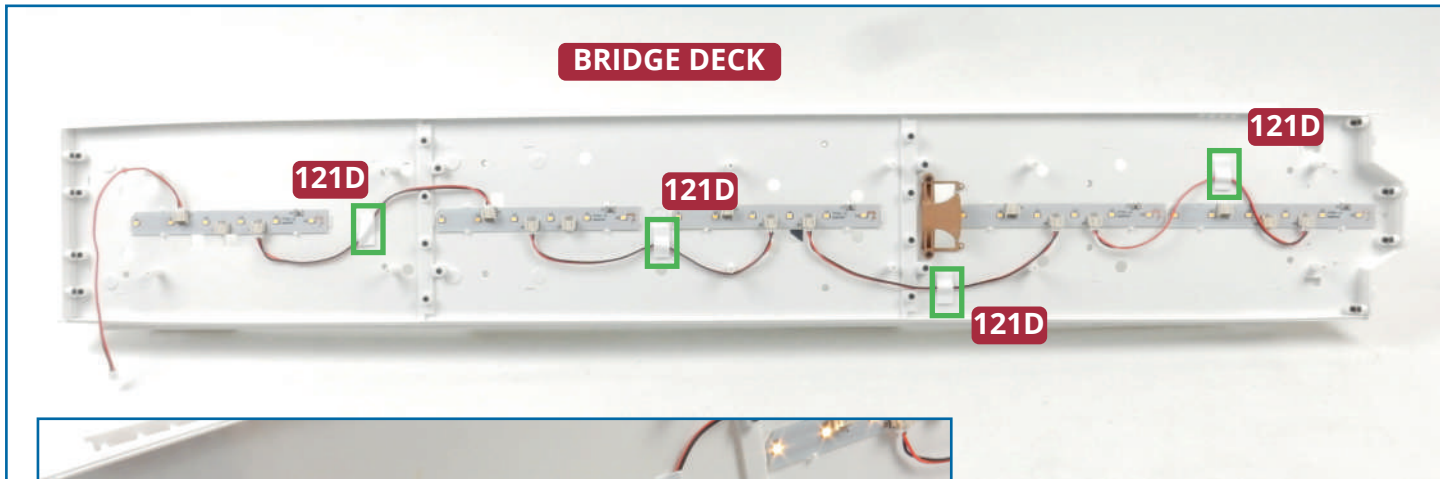


**7** Take the extension cable **121K**. Connect the end marked "Z" to the cable **75D** (connected to the LED strip **72A**) and insert the "G1" end into the large socket on the tester **3T** supplied with issue 3. Check that all LEDs are functioning correctly.

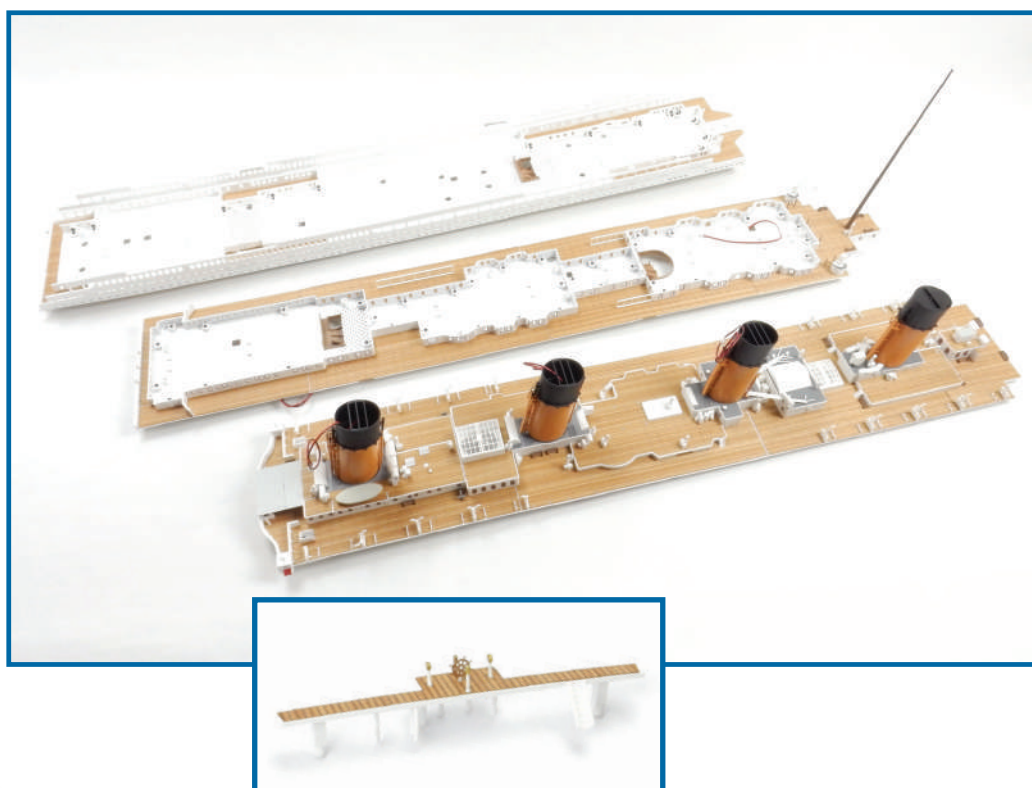


**8** Position five of the adhesive strips **121D** as shown (outlined in green) to hold the cables in place.





**9** Take the bridge deck and apply four adhesive strips **121D**, as shown above in green, to hold the cables in place. Connect the cable **92B** from the LED strip **83B** to the tester **3T** supplied with issue 3 and check that the lights work. Disconnect the tester after use.



**Completed work**  
This photograph shows the boat deck, promenade deck and bridge deck with the lighting operation checked and the aft mast in place. The navigational equipment has been fitted to the docking bridge. Store the unused screws and adhesive strips carefully. They will be used in the next issue.

# AFT WELL DECK AND MAIN DECK ASSEMBLY

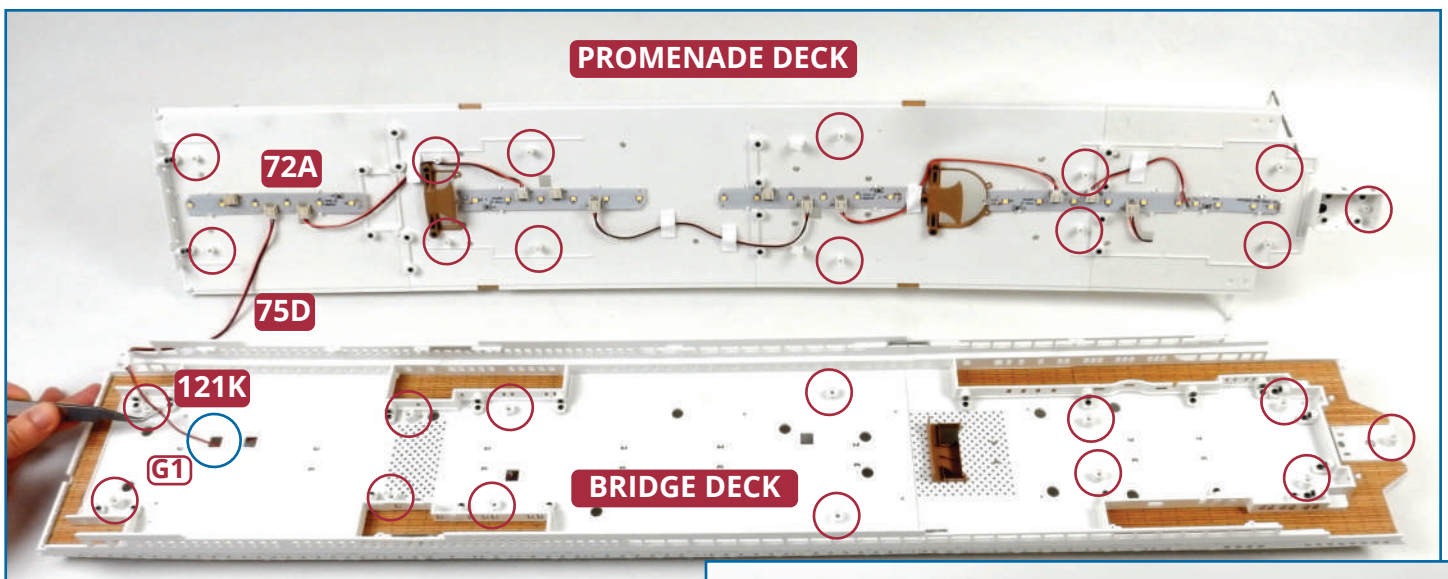
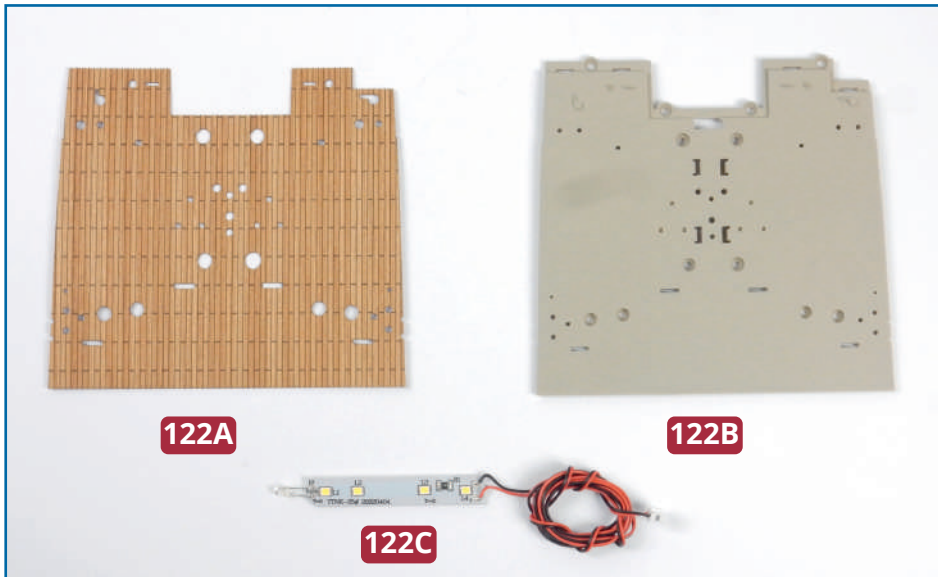
## PARTS IN THIS ISSUE

**122A** Decking

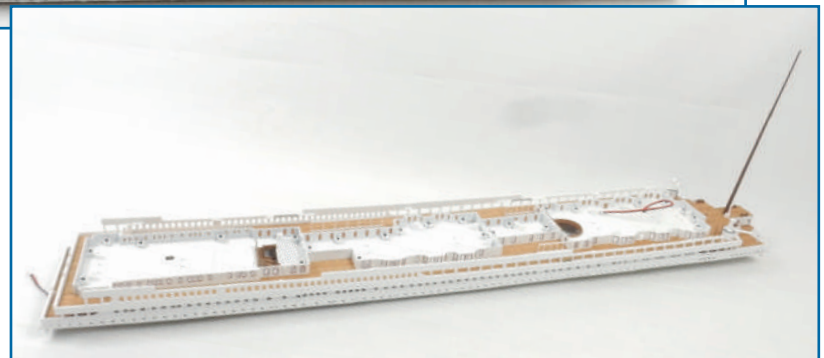
**122B** Aft well deck

**122C** LED strip

You will also need the adhesive strips and AP screws supplied with the previous issue.

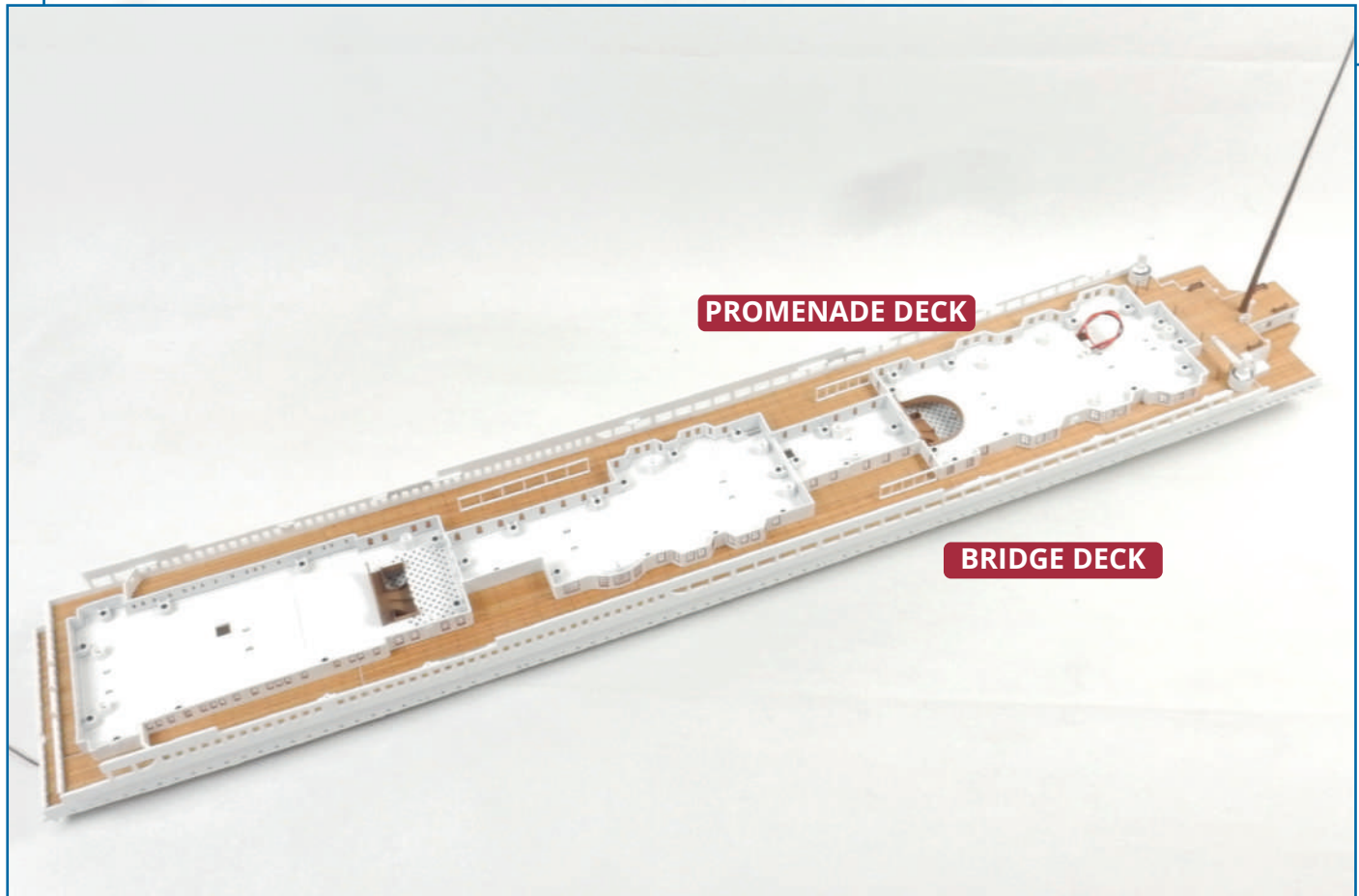
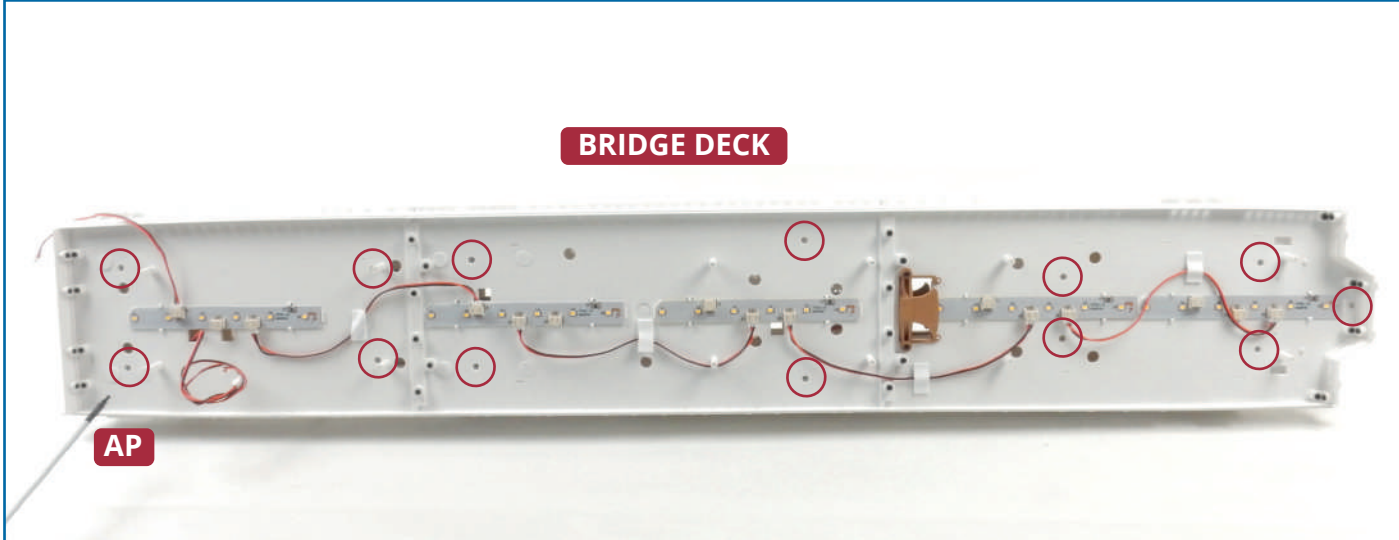


**1** Identify the LED strip **72A** on the underside of the promenade deck, and the cable that was adjusted in the previous issue, made up of **75D** and **121K**. Run the **G1** end of the cable **121K** through the hole in the bridge deck (circled in blue). Fit the promenade deck to the bridge deck: check that all the pegs (circled in red, top) fit into corresponding holes in the bridge deck.



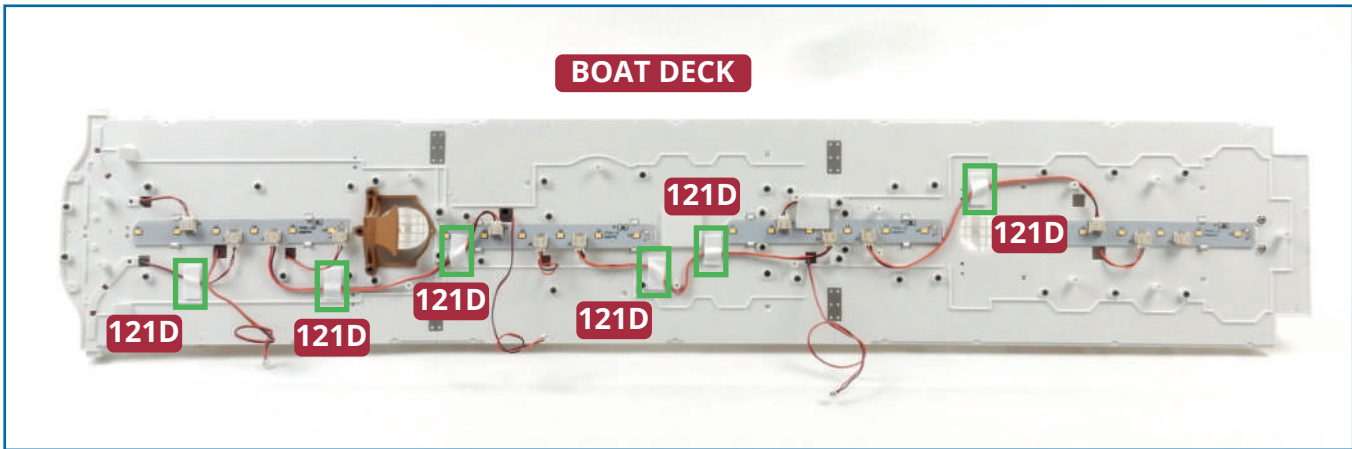


**BRIDGE DECK**



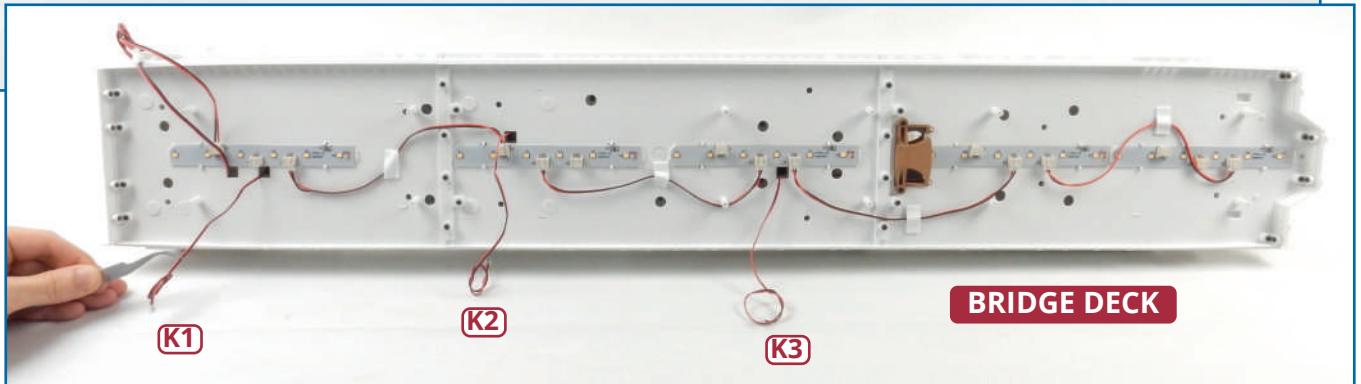
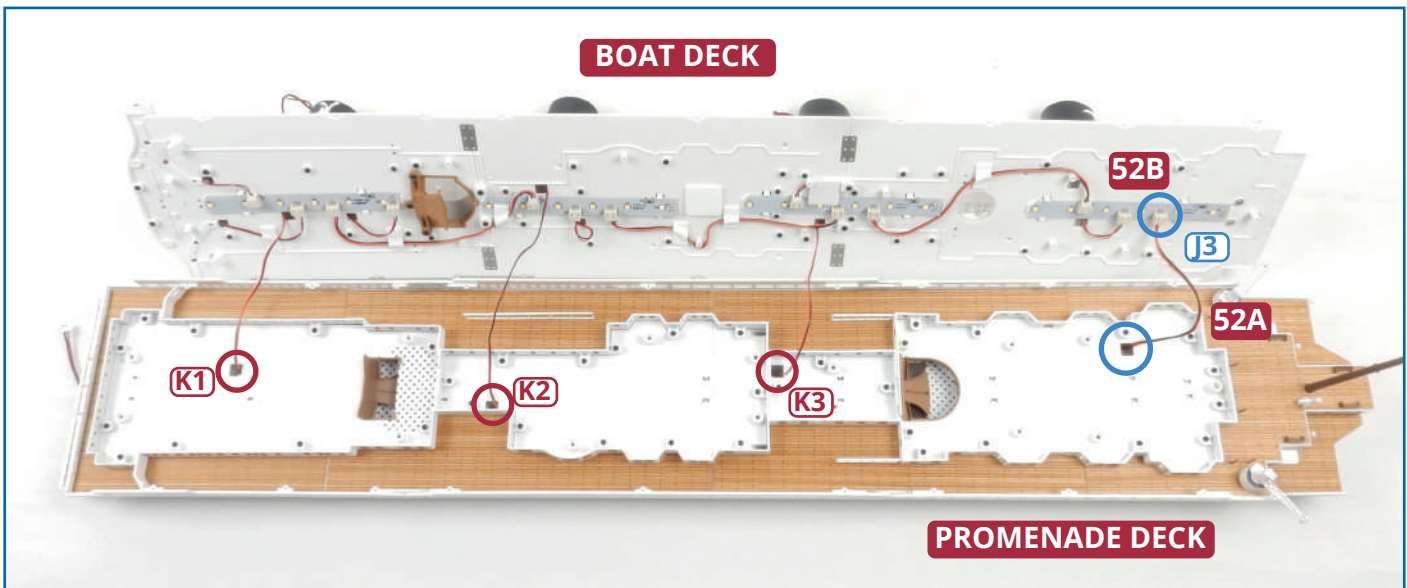
**2** When you are happy with the fit of the promenade deck and the bridge deck, identify the thirteen screw holes on the underside of the bridge deck, circled in red (top). Check that the cables are clear of the

screw holes. Use thirteen of the **AP** screws supplied with issue 121 to secure the decks together. Work around the assembly, tightening each screw a little at a time, until they are fully secured.



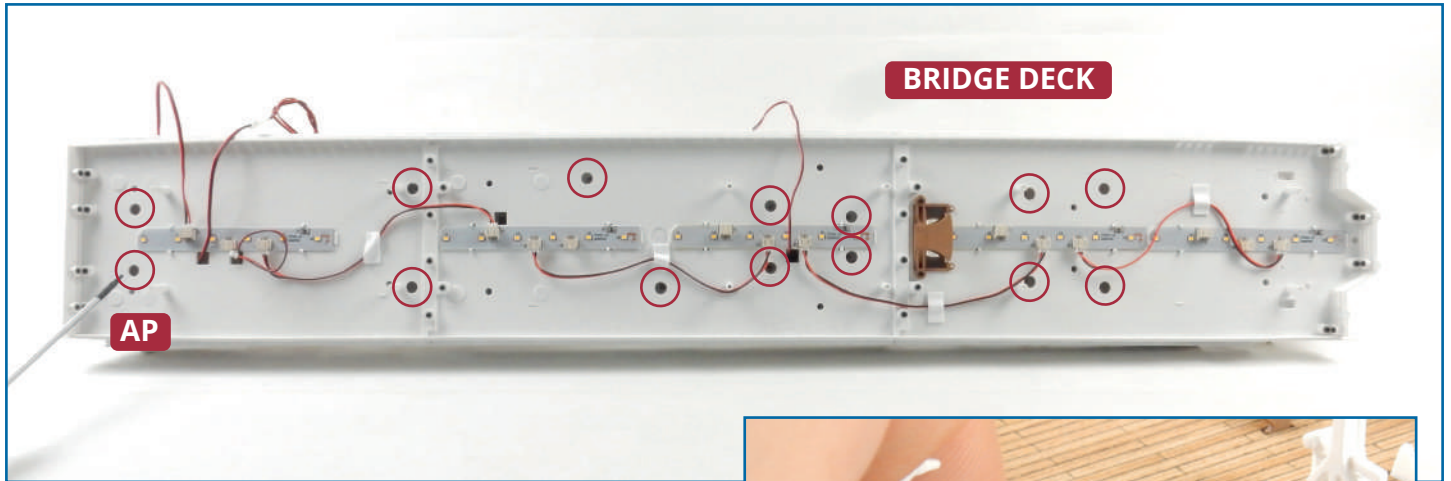
**3** Take the boat deck and use six adhesive strips **121D** (supplied with the previous issue) to hold the cables in place (outlined in green).

**Note:** ensure that the cables and adhesive strips are within the raised ribs where the walls of the promenade deck will be located.

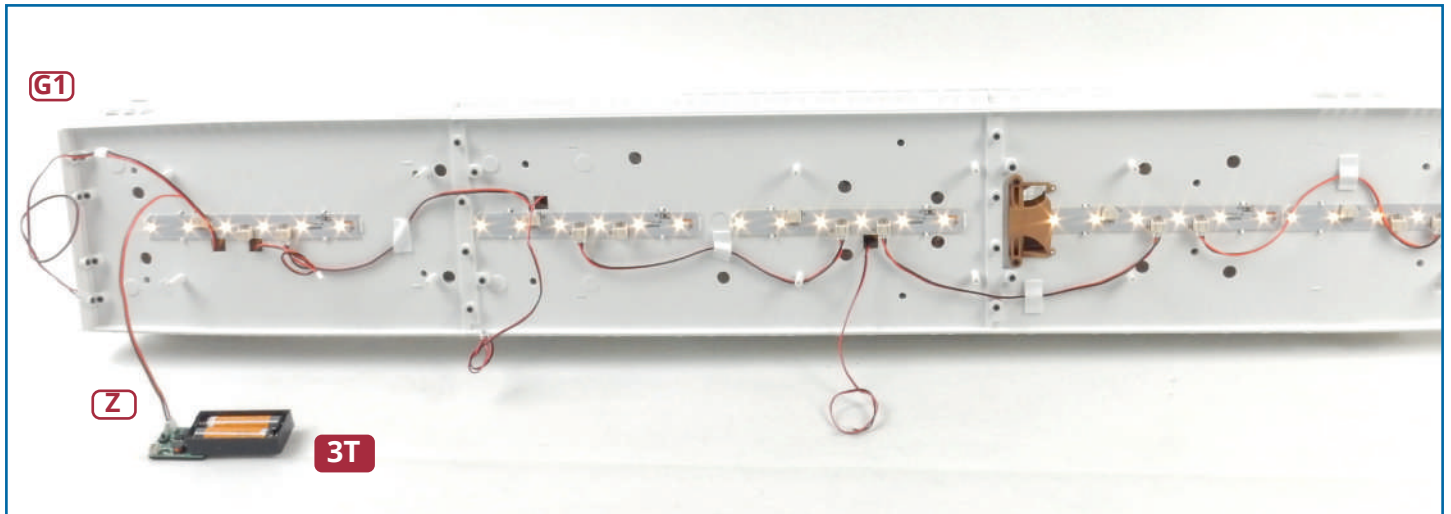
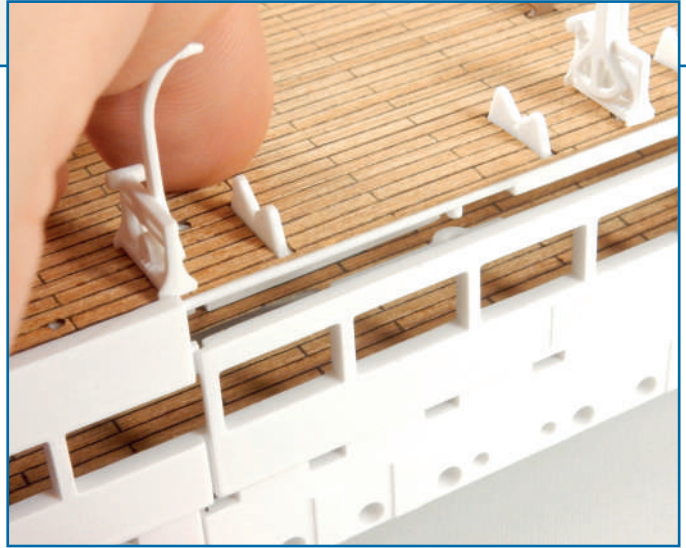


**4** Position the boat deck next to the promenade/bridge deck assembly and pass the ends of cables **K1**, **K2** and **K3** through the holes circled in red. Connect the cable **52A** from

the promenade deck (circled in blue) to the socket **J3** on the LED strip **52B**. Check that all the cables are positioned correctly, as shown.

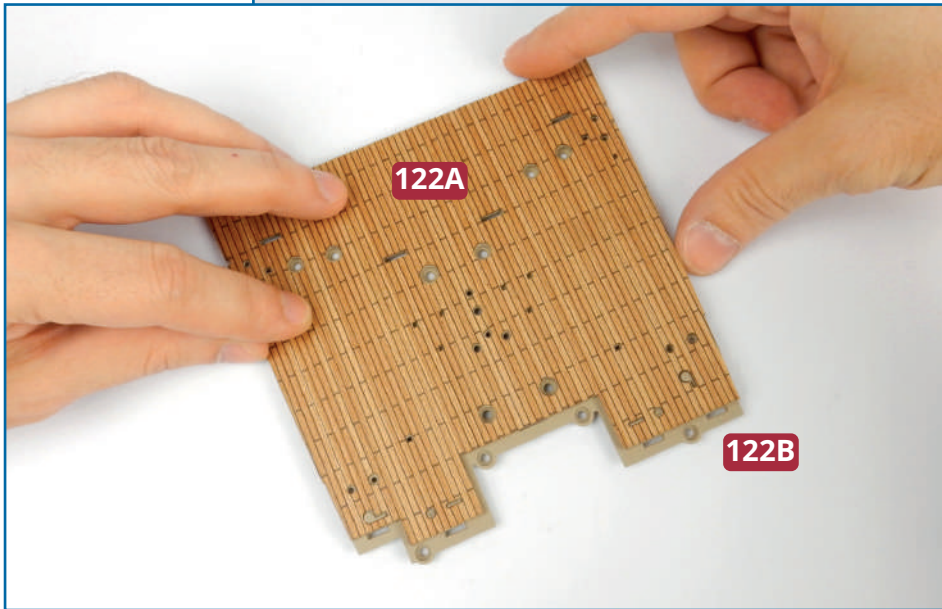
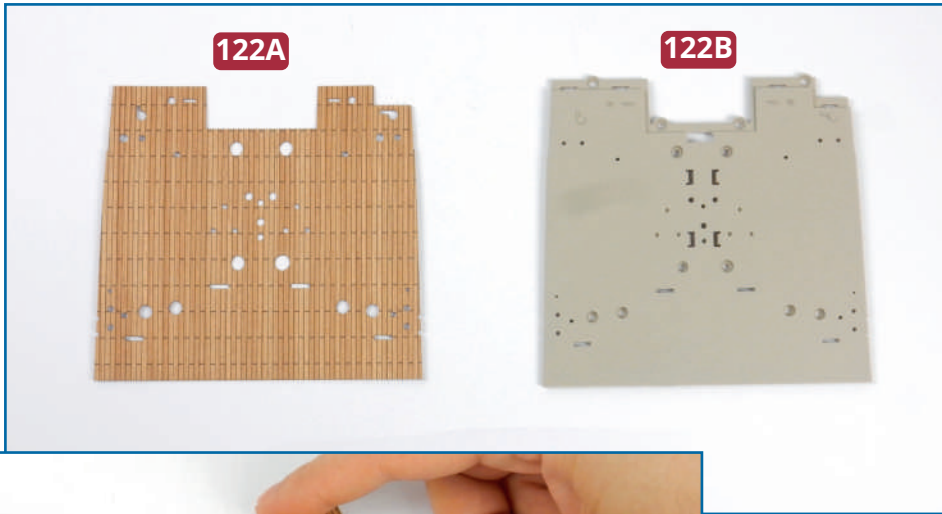


**5** Fit the boat deck on top of the promenade deck: take particular care to align the sides and corners correctly (right, and see also completed work). Use fourteen **AP** screws (supplied with the previous issue) to fix the promenade deck and the bridge deck together: the red circles on the underside of the bridge deck indicate the positions of the screw holes.

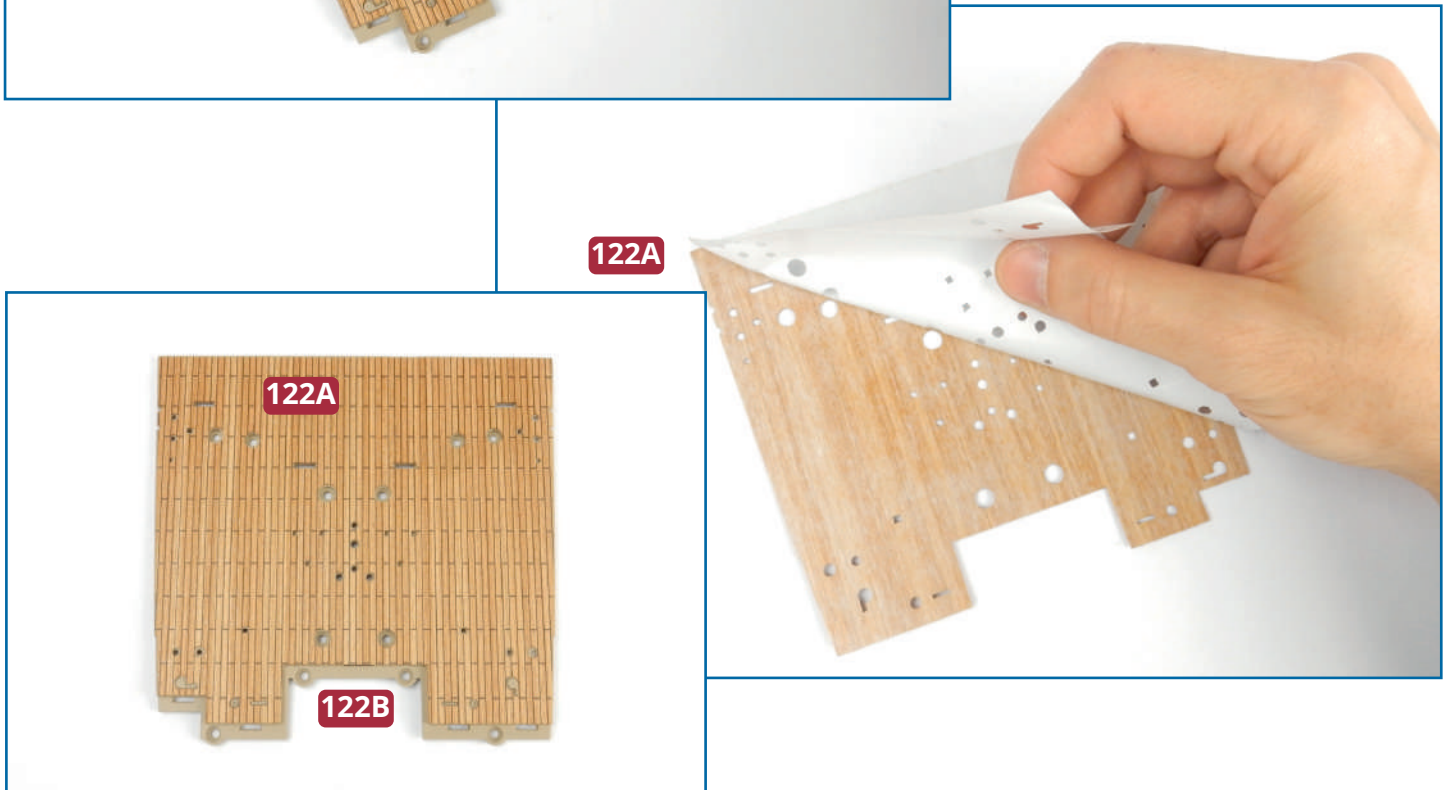


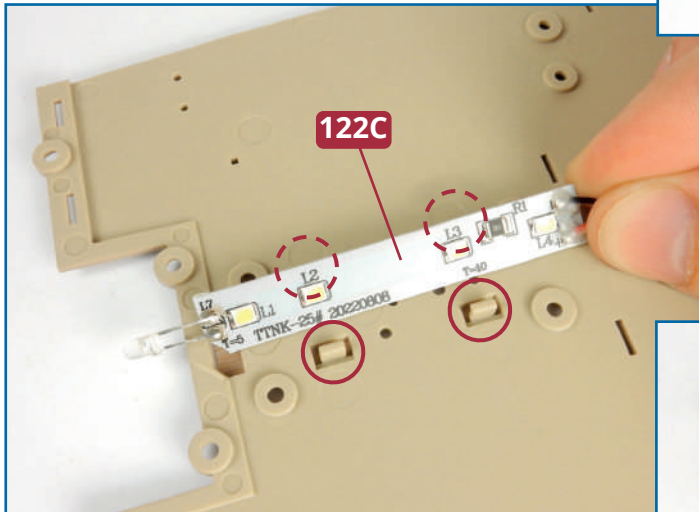
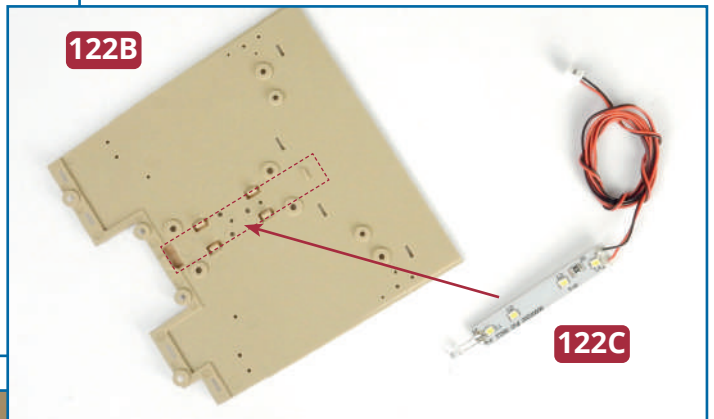
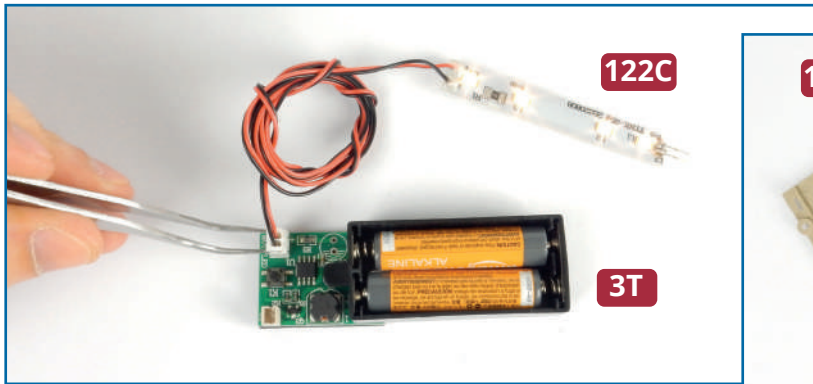
**6** When the decks are fixed together, check that the lights are operating correctly by plugging the cables with the **G1** and **Z** connectors, one at a time, into the tester supplied with issue 3.

★ STEP-BY-STEP INSTRUCTIONS ★

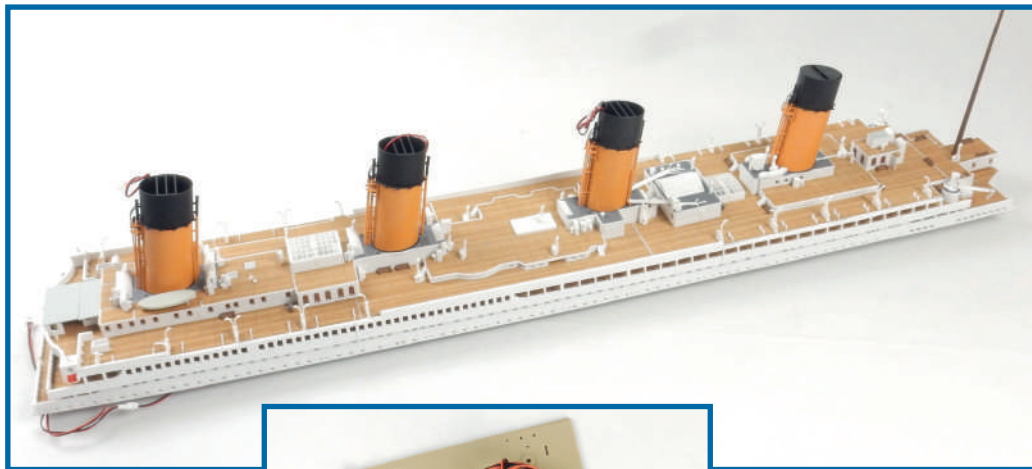
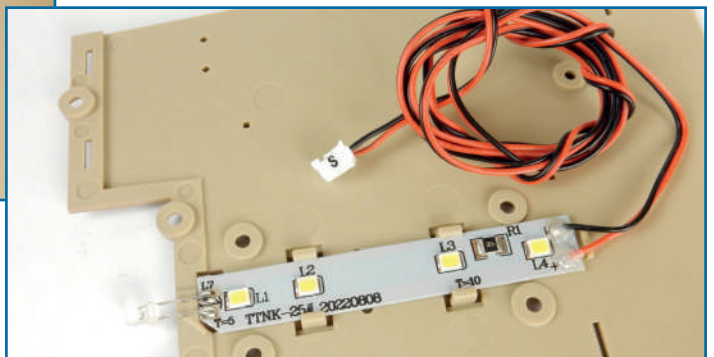


**7** Take the aft well deck **122B** and the decking **122A**. Check how the decking fits on the deck, then remove the protective backing and fix the decking in place, smoothing it down with a soft cloth.





**8** Take the LED strip **122C** and connect it to the tester supplied with issue 3, to check that the LEDs are working. Identify the fixing points for part **122C** and fit it in place, inserting one side below the tabs and then clipping the other side in place.



## Completed work

The boat deck, promenade deck and bridge deck have been joined together and decking has been fitted to the aft well deck.