

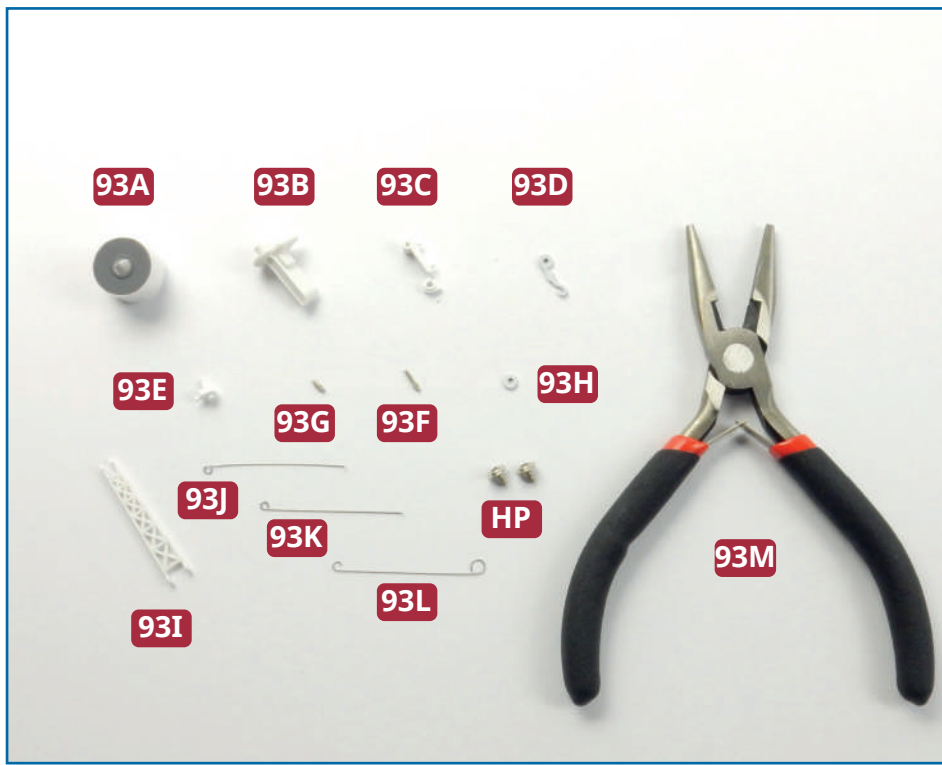
TITANIC

THE SHIP • THE LEGEND

Pack 17



THE FIRST LOADING CRANE



PARTS IN THIS ISSUE

93A Crane base

93B Crane body (rear)

93C Crane body (front)

93D Hook

93E Connecting pin

93F Long hinge pin

93G Short hinge pin

93H Washer

93I Crane jib

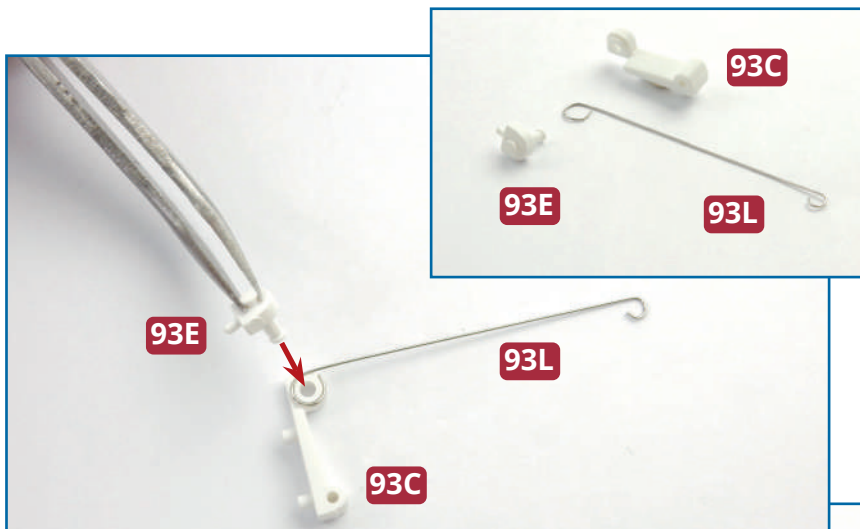
93J Left tie rod

93K Right tie rod

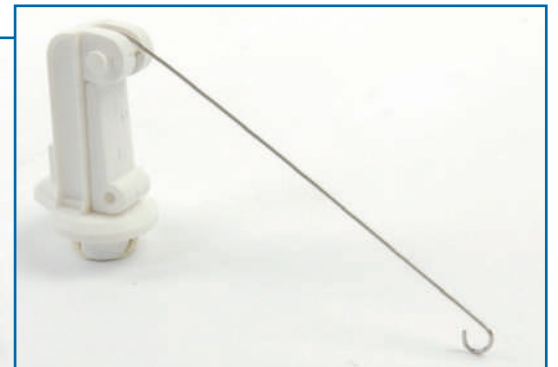
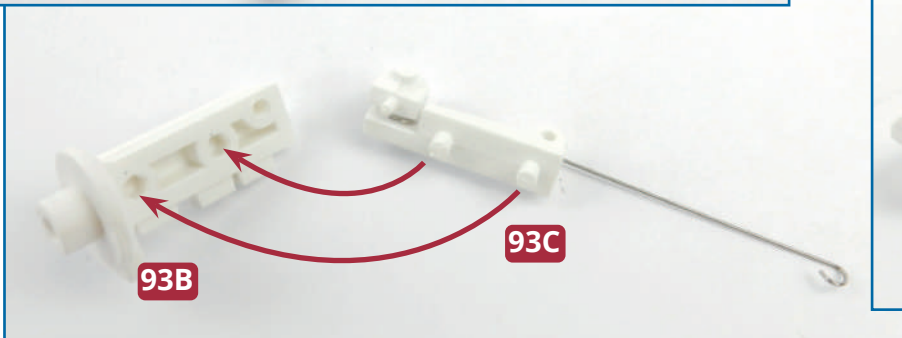
93L Crane cable

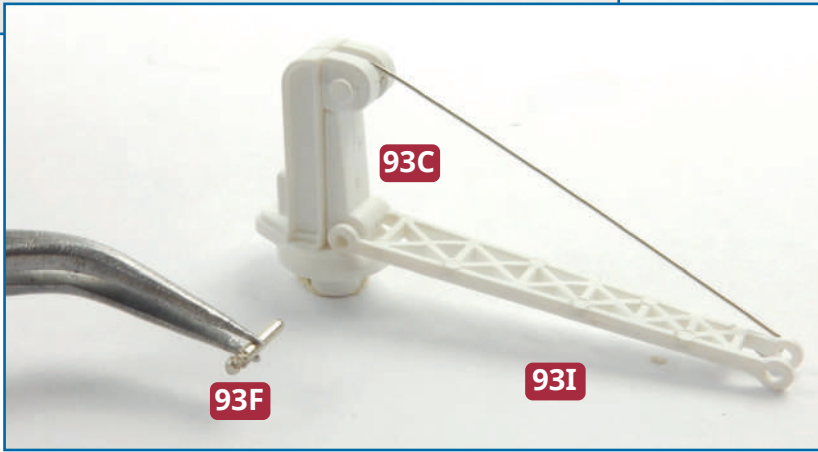
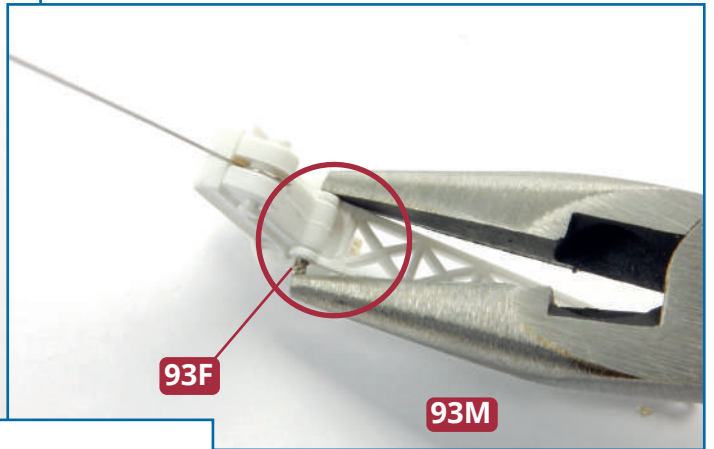
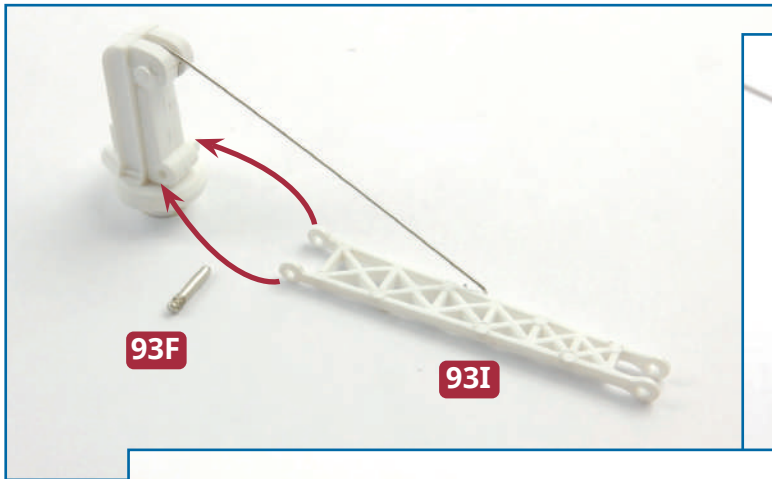
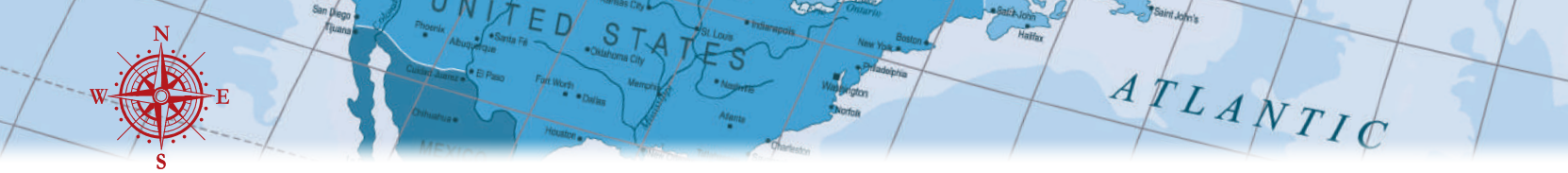
93M Pliers

HP Two 1.7 x 4mm PWB screws (1 spare)

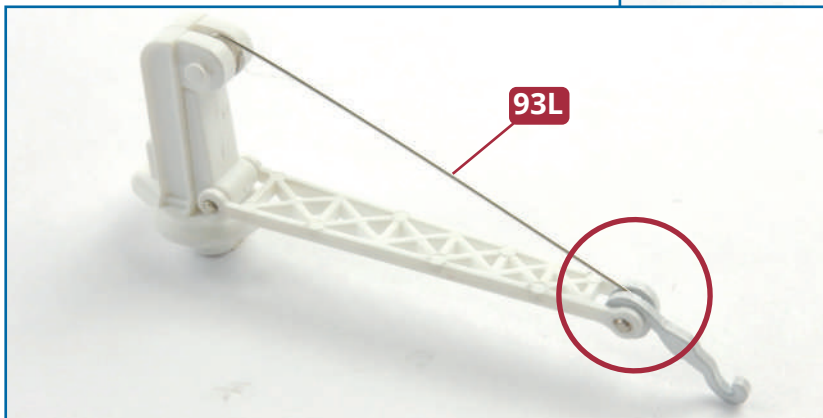
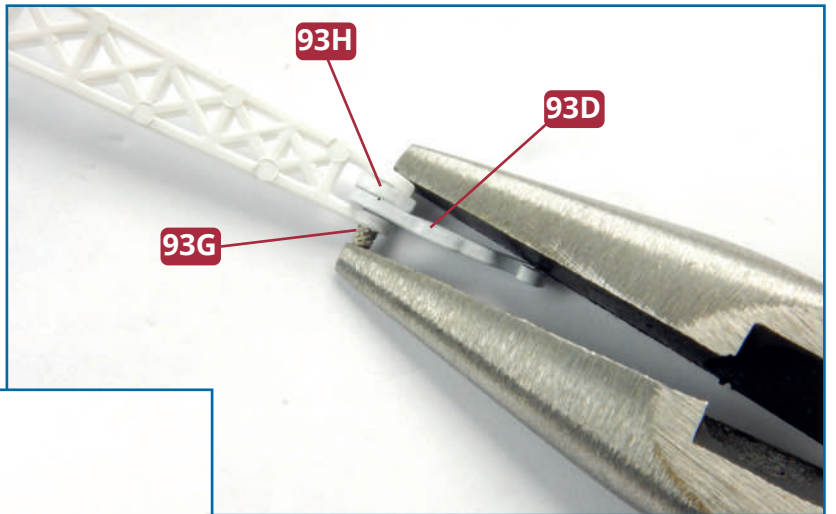


1 Take the crane body parts **93B** and **93C**, the connecting pin **93E** and the crane cable **93L**. Fit the larger wire loop on the end of part **93L** against the hole in the crane body **93C**. Hold it in place by fitting the peg on part **93E** into the hole. Check how the pegs on part **93C** fit into holes in part **93B** and join the parts together.



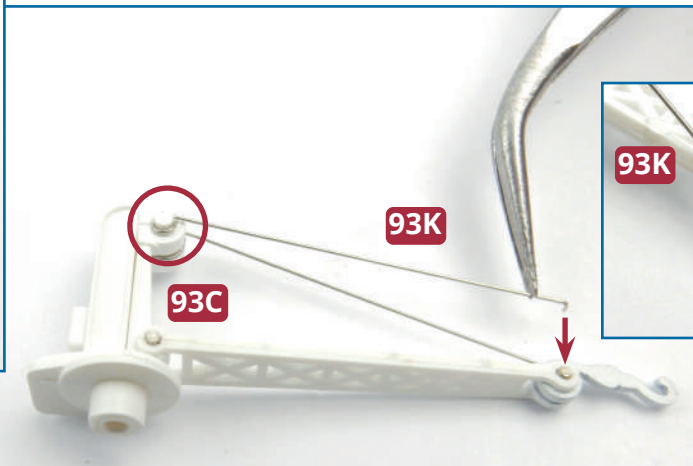
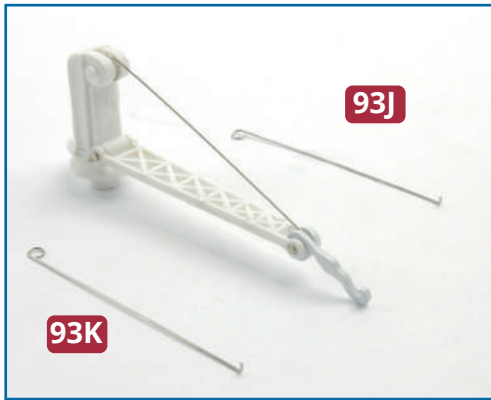


2 Take the crane jib **93I** and the long hinge pin **93F**. Position the jib so that the eyelets at the wide end fit on either side of the base of the body assembled in the previous step so that holes are aligned. Fit the pin into the assembly, smooth end first (left). You can use the pliers **93M** to push the pin in place (above).

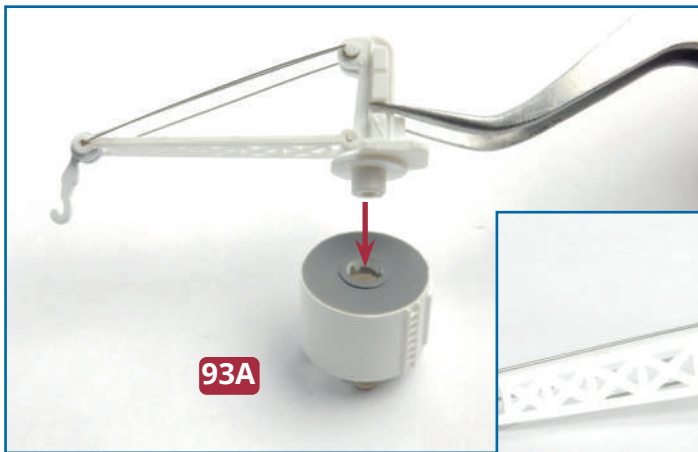
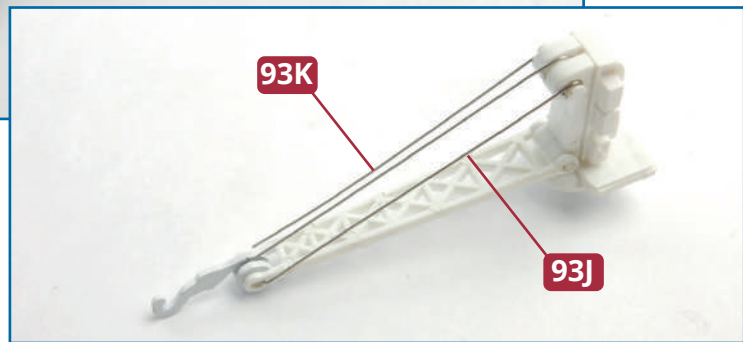


3 Fit the hook **93D** and washer **93H** between the eyelets at the narrow end of the jib **93I**. Fit the shorter hinge pin **93G** through the holes, smooth end first, and push in place with the pliers (above). When the hook is in place, fit the loop on the free end of the cable **93L** between the hook and washer.

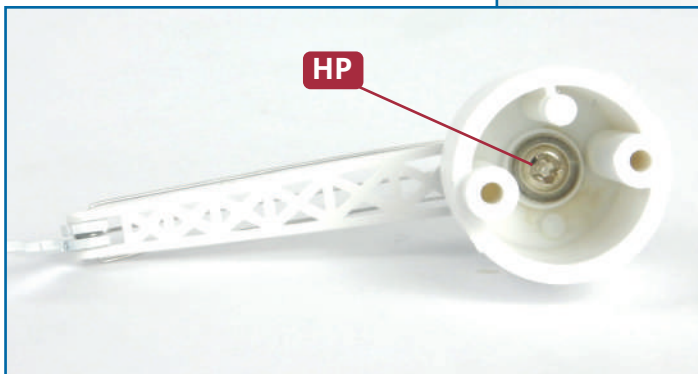
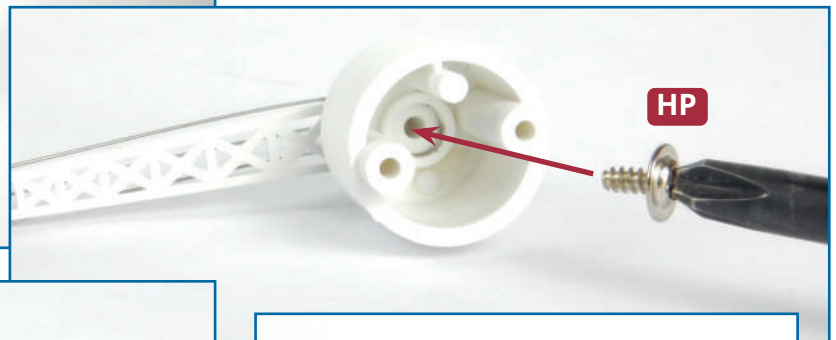
★ STEP-BY-STEP INSTRUCTIONS ★

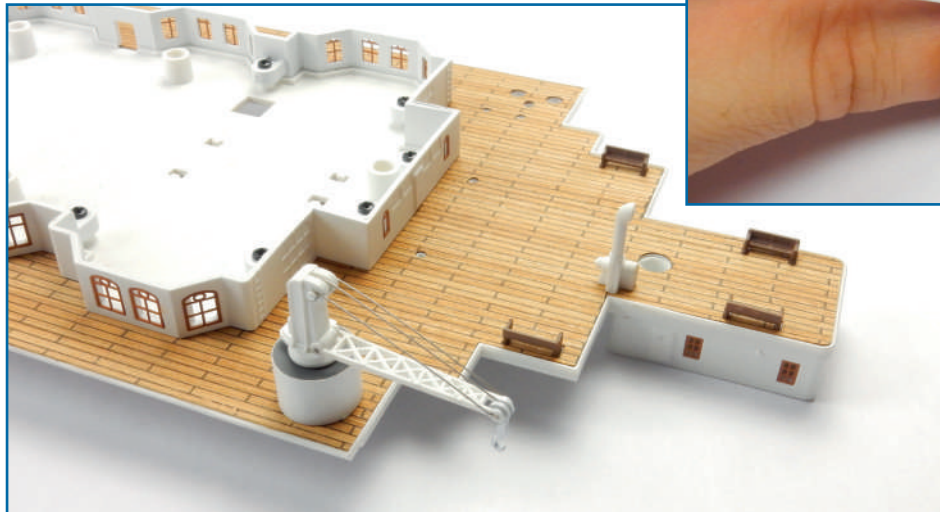
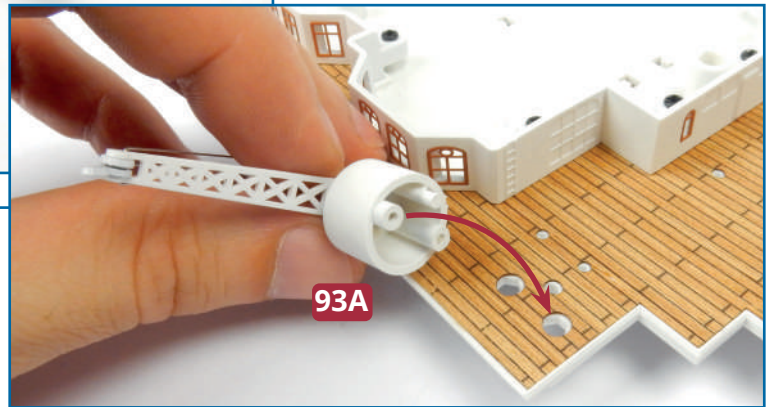


4 Fit the eyelets on the left and right tie rods **93J** and **93K** over the pegs on either side of the body **93C** (circled). Fit the angled ends into recesses in the eyelets where the hook is fitted (arrow).

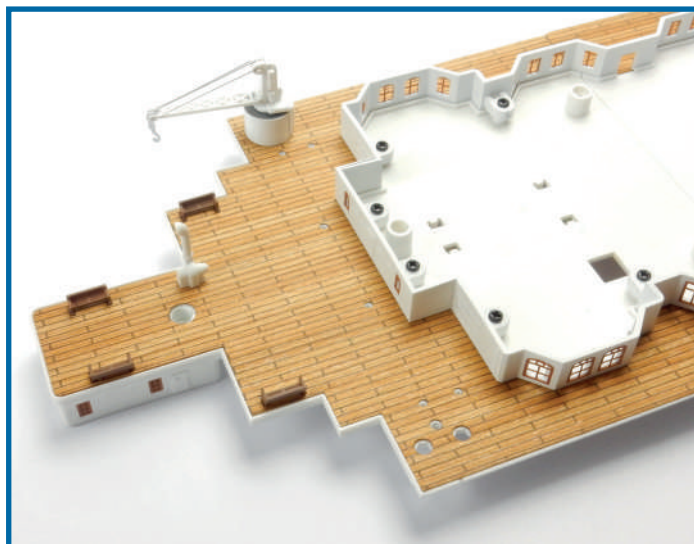


5 Fit the crane assembly on to the base **93A** and fix in place from inside the base with an **HP** screw. Do not over-tighten the screw, as the crane should be able to rotate.





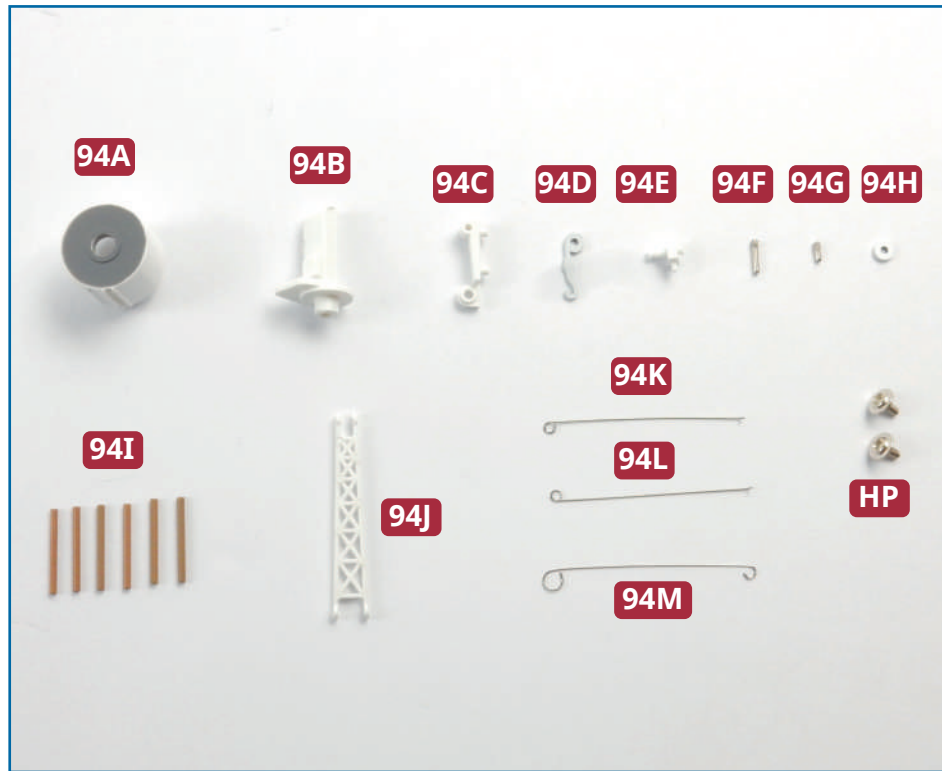
6 Take the promenade deck assembly from issue 76. Identify the holes where the crane base **93A** is fitted, at the aft end of deck section **71B** (circled). Fit the crane in place. This is a push-fit connection.



Completed work

The first crane has been fitted to the promenade deck.

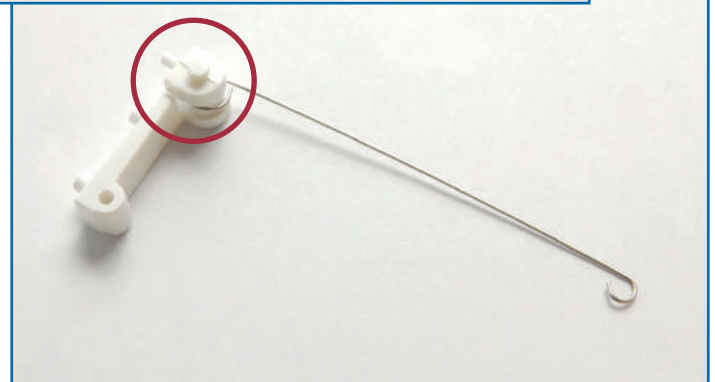
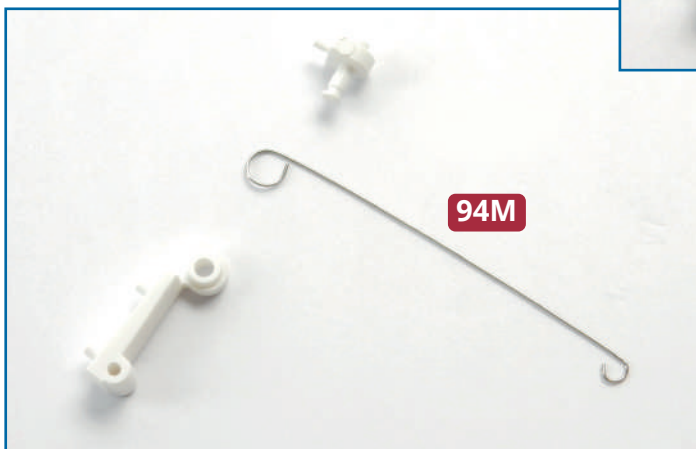
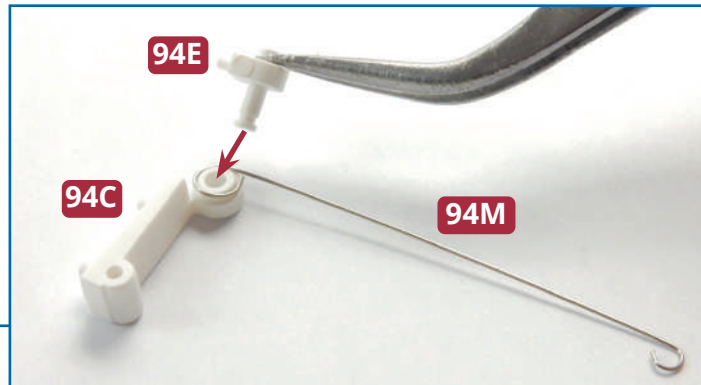
THE SECOND LOADING CRANE

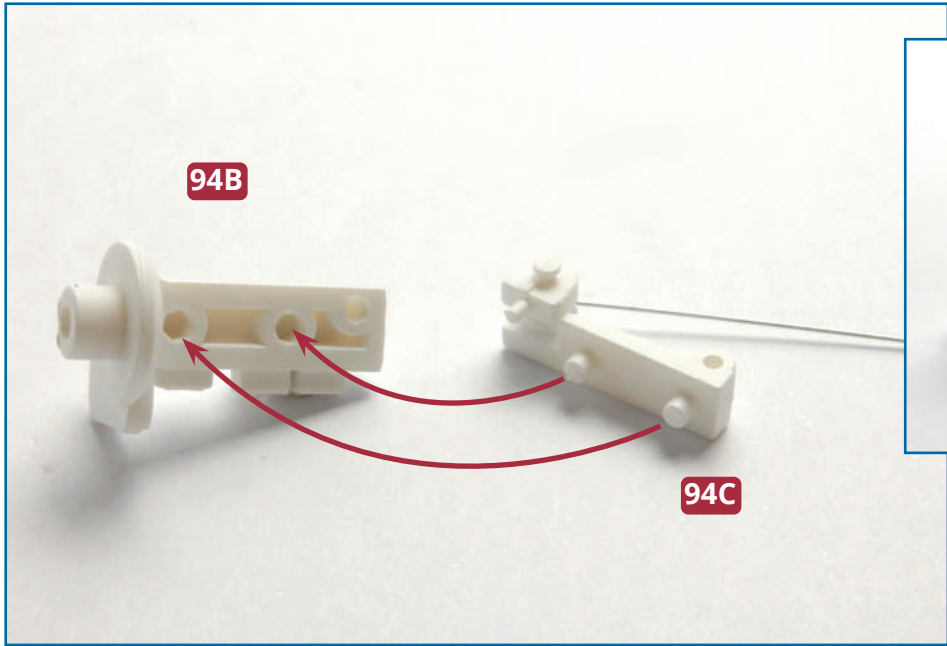


PARTS IN THIS ISSUE

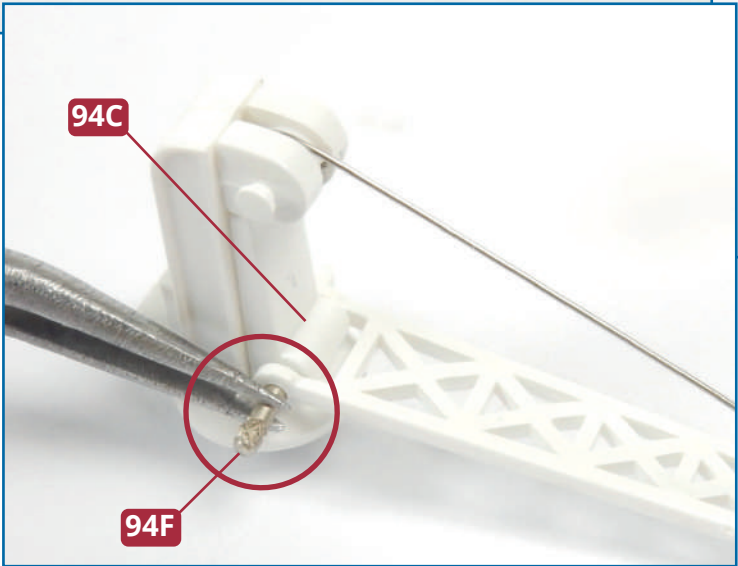
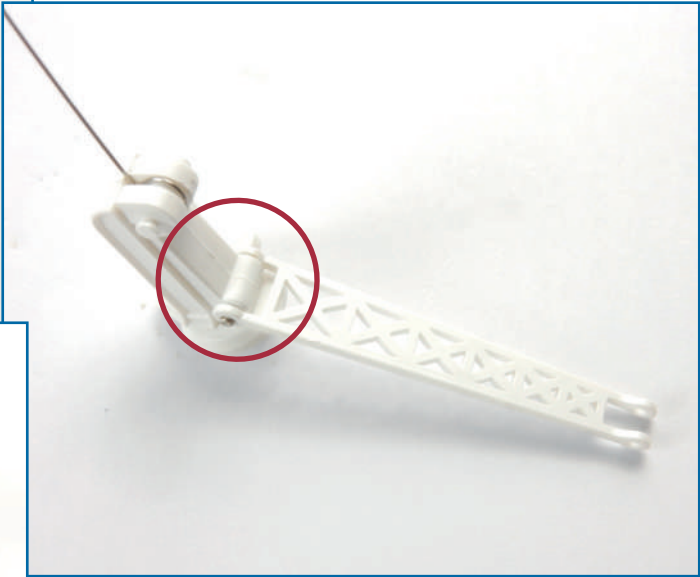
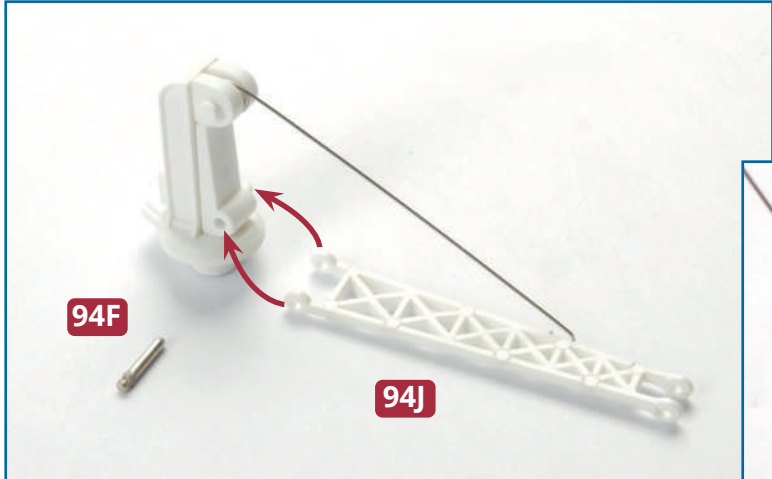
- 94A** Crane base
- 94B** Crane body (rear)
- 94C** Crane body (front)
- 94D** Hook
- 94E** Connecting pin
- 94F** Long hinge pin
- 94G** Short hinge pin
- 94H** Washer
- 94I** Columns (x 6)
- 94J** Crane jib
- 94K** Left tie rod
- 94L** Right tie rod
- 94M** Crane cable
- HP** Two 1.7 x 4mm PWB screws (1 spare)

1 Take the crane body front **94C**, the connecting pin **94E** and the crane cable **94M** (below). Fit the larger wire loop on the end of part **94M** against the hole in the crane body **94C**. Hold it in place by fitting the peg on part **94E** into the hole (right).



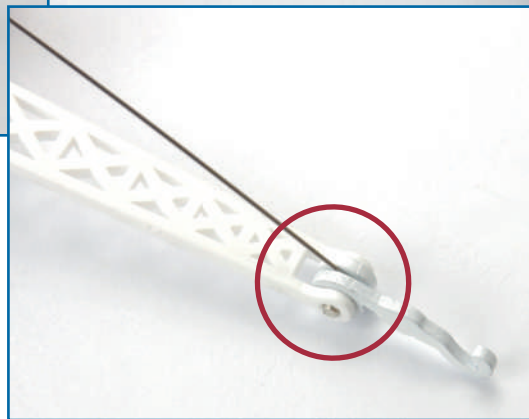
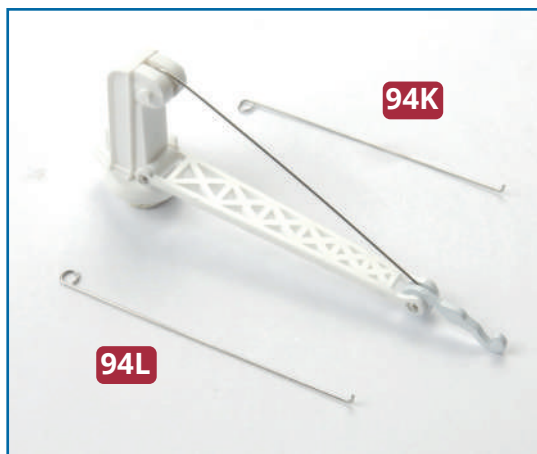
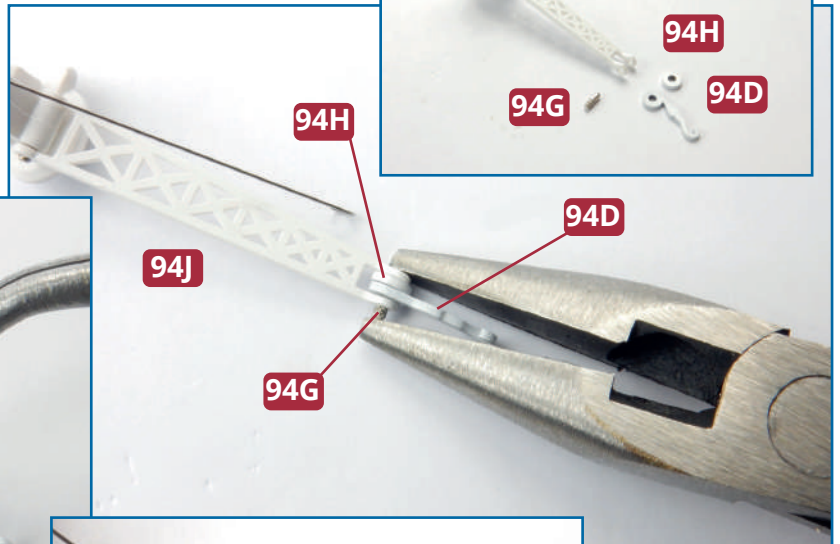
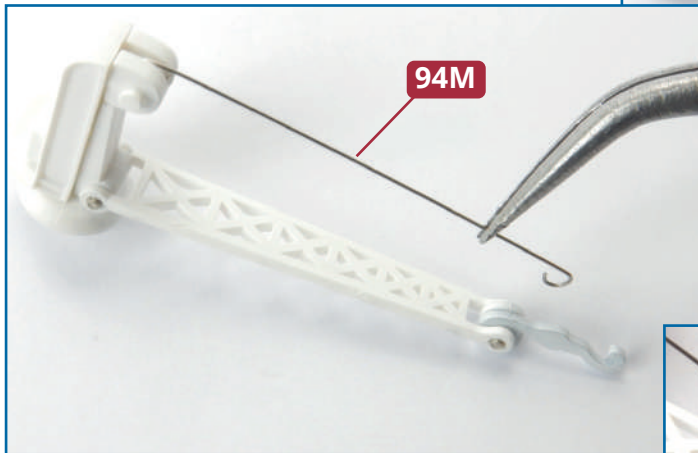


2 Check how the pegs on part **94C** fit into holes in part **94B** and press the parts together.



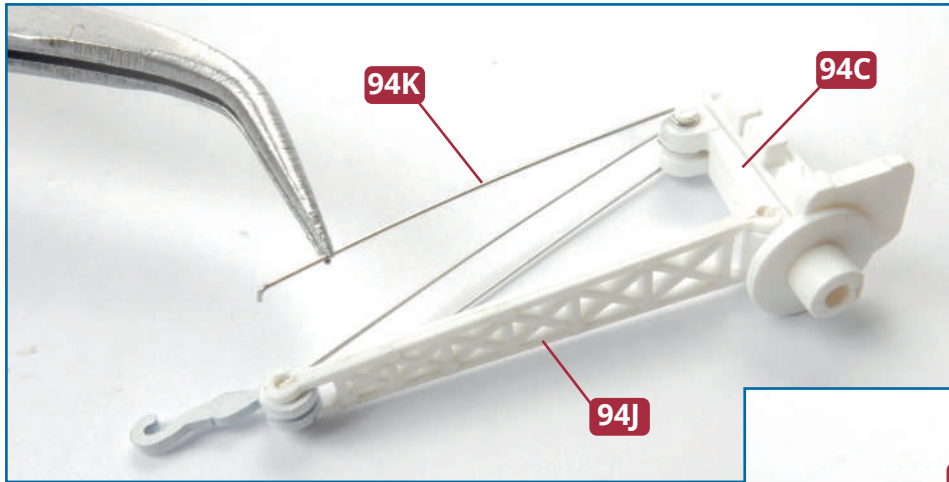
3 Take the crane jib **94J** and the long hinge pin **94F**. Position the jib so that the eyelets at the wide end fit on either side of the base of the body assembled in the previous step and the holes are aligned. Fit the pin into the assembly, smooth end first (left). You can use the pliers **93M** to push the pin in place.

4 Fit the hook **94D** and washer **94H** between the eyelets at the narrow end of the jib **94J**. Fit the shorter hinge pin **94G** through the holes, smooth end first, and push it into place using the pliers (right). When the hook is in place, fit the loop on the free end of the cable **93L** between the hook and washer (below).

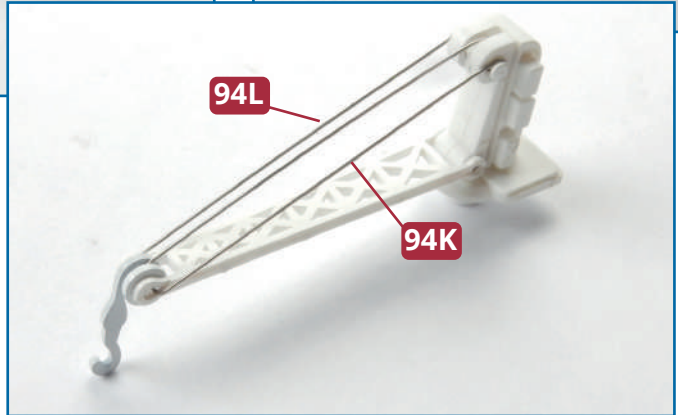


5 Fit the eyelets on the left and right tie rods **94K** and **94L** on the pegs on either side of the body **94C** (right); the ends of the tie rods reach to the pin **94G**.

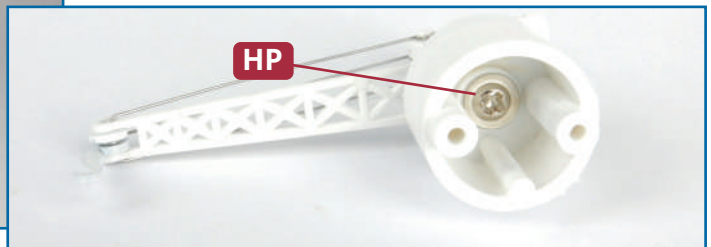
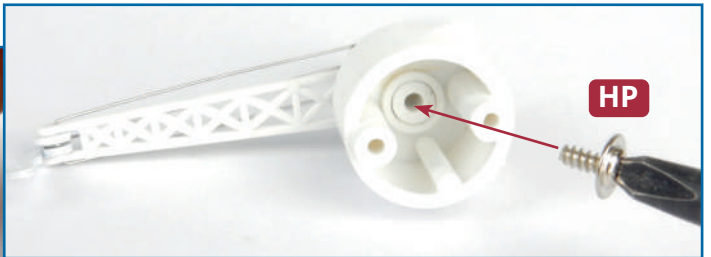


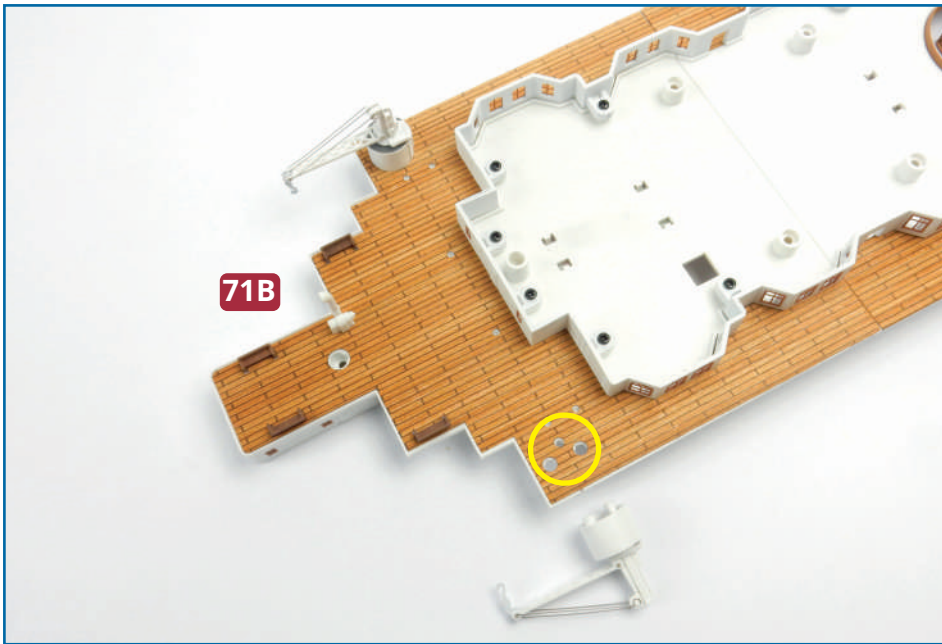


6 Fit the angled ends of the tie rods **94K** and **94L** into recesses in the eyelets at the end of the jib **94J** where the hook is fitted.

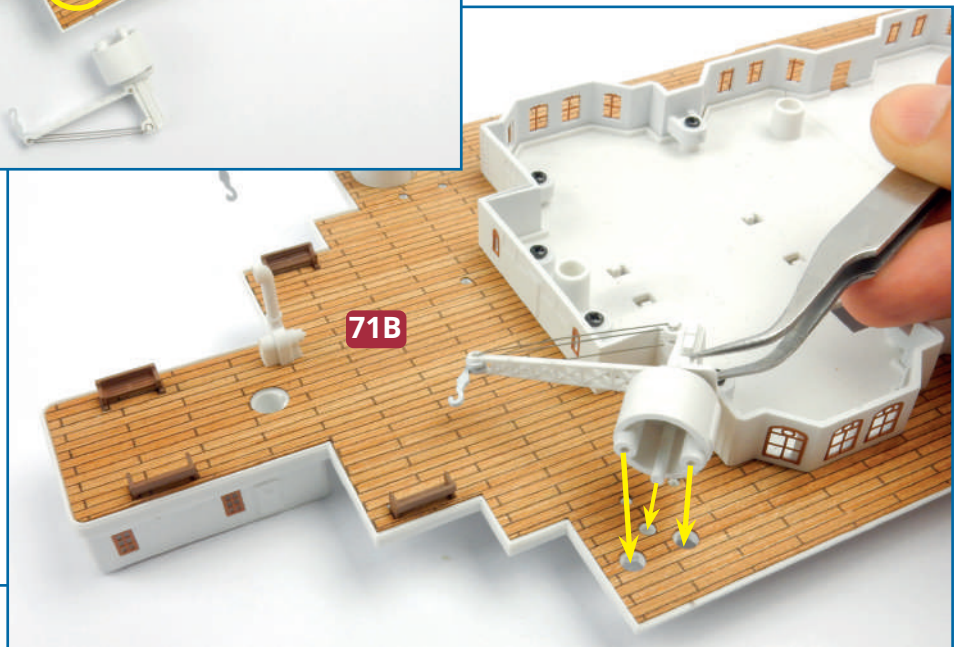


7 Fit the crane assembly on to the base **94A** and fix in place from inside the base with an **HP** screw. Do not over-tighten the screw, as the crane should be able to rotate.



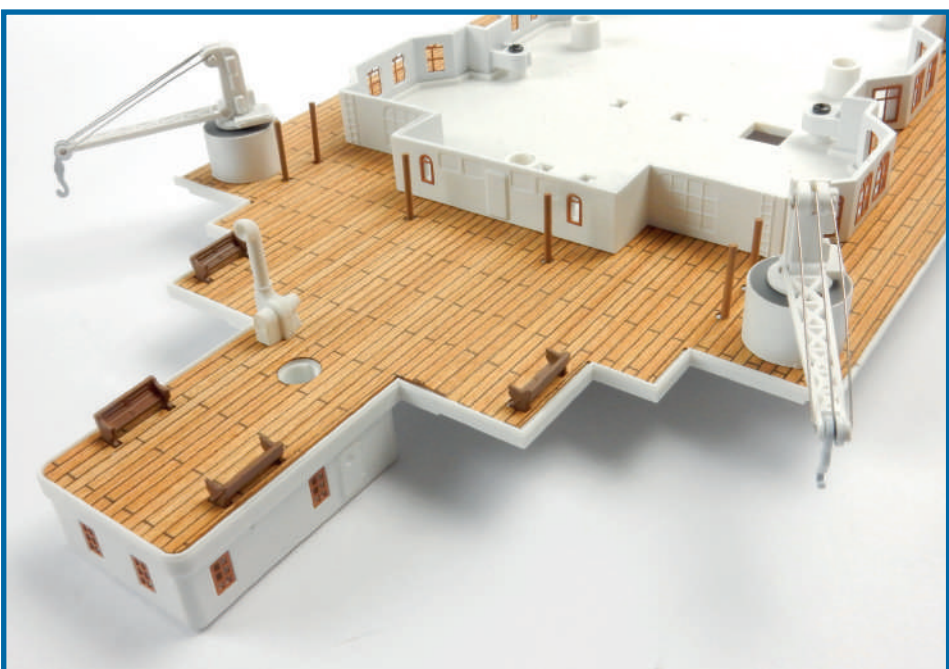
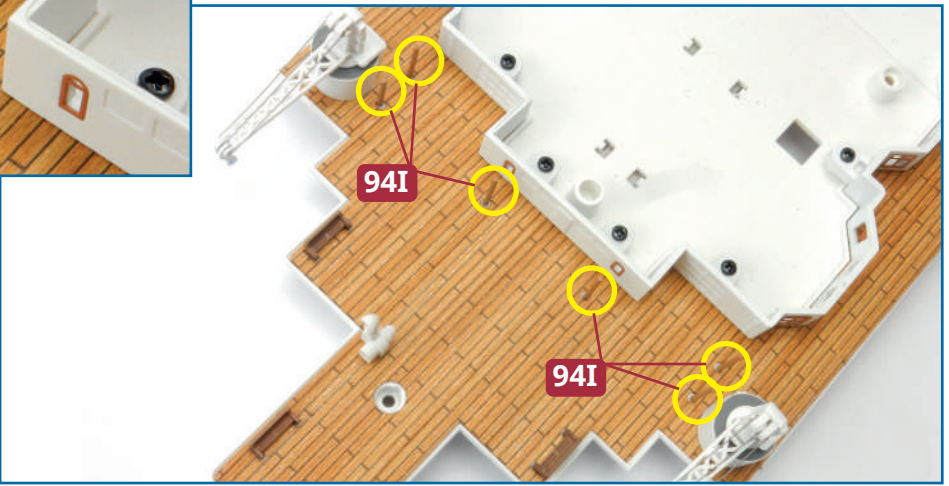
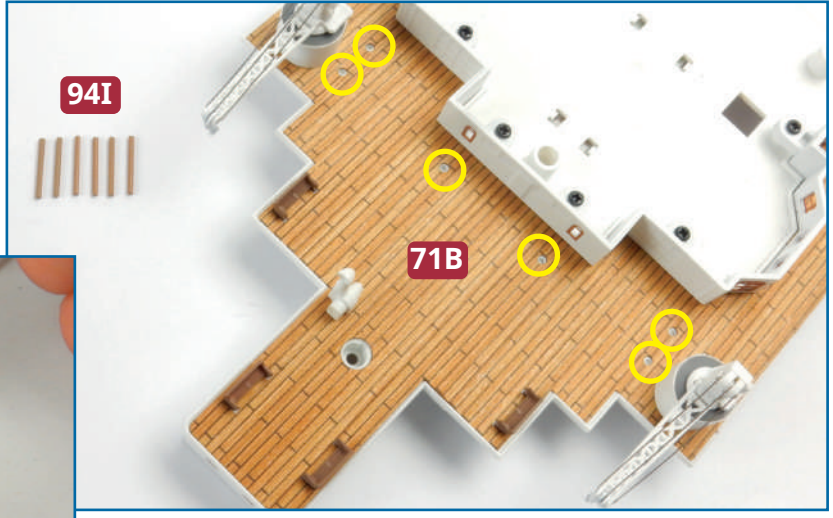


8 Take the promenade deck assembly from the previous issue. Identify the holes where the crane base is fitted, at the aft end of deck section **71B**. Fit the crane in place. This is a push-fit connection.





9 Take the six columns **94I** and identify the fixing points on the deck **71B** (circled, right). One at a time, apply a little glue to the ends of the columns and fix them in place, ensuring they are upright.



Completed work

The second crane has been assembled and fitted to the promenade deck, together with six columns.

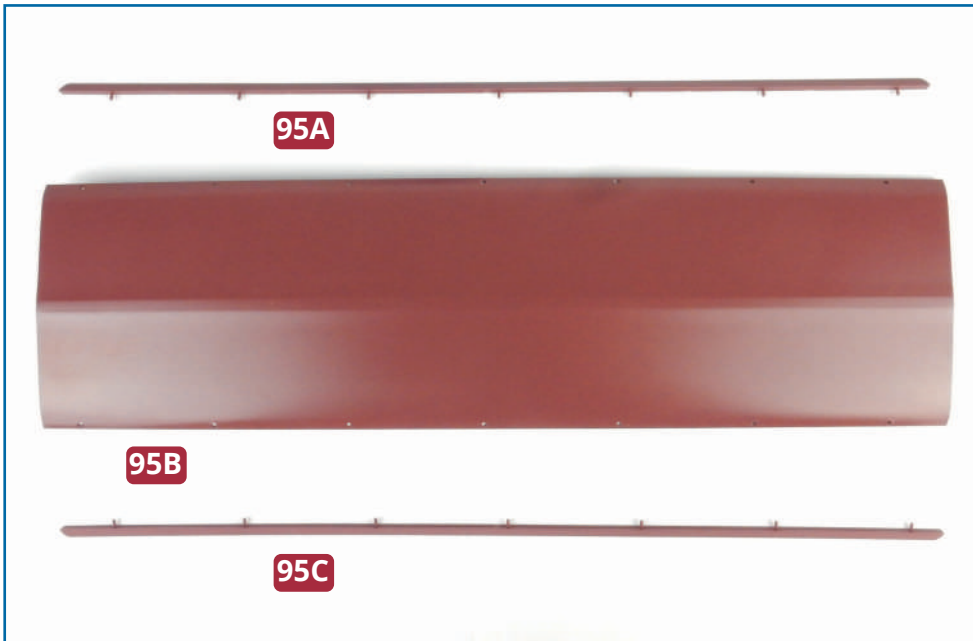
KEEL SECTION AND BILGE KEELS FOR THE HULL

PARTS IN THIS ISSUE

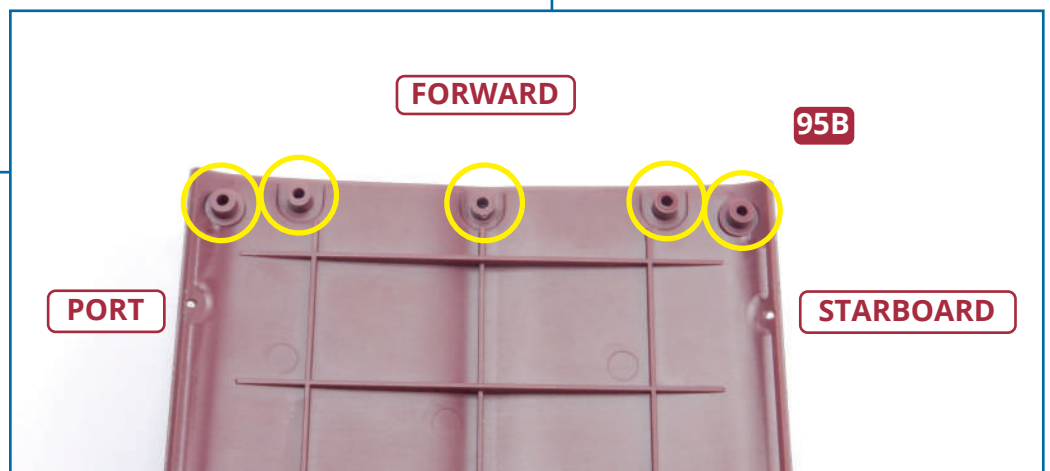
95A Port bilge keel

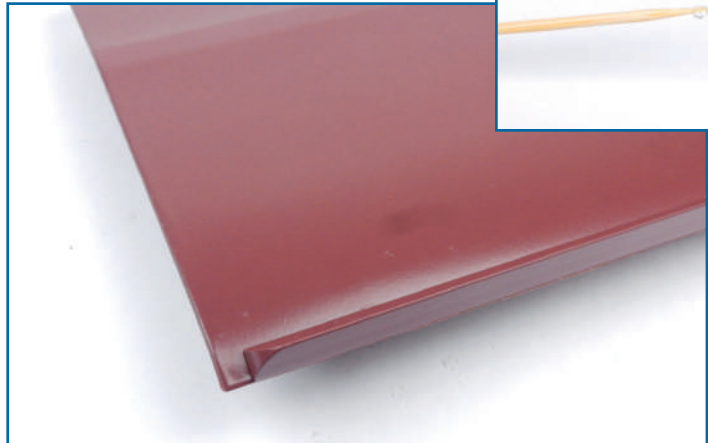
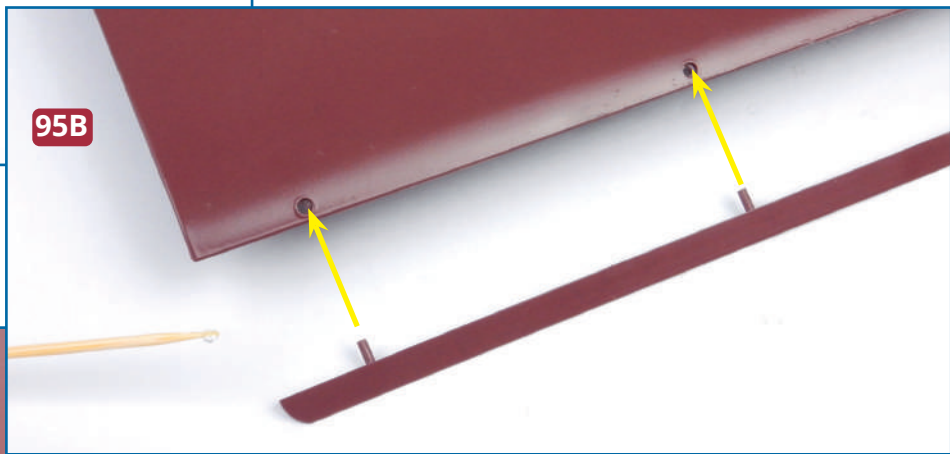
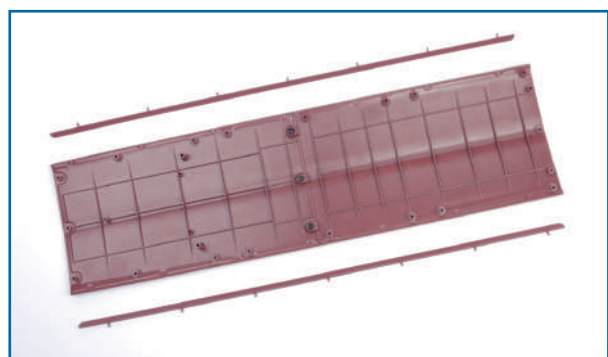
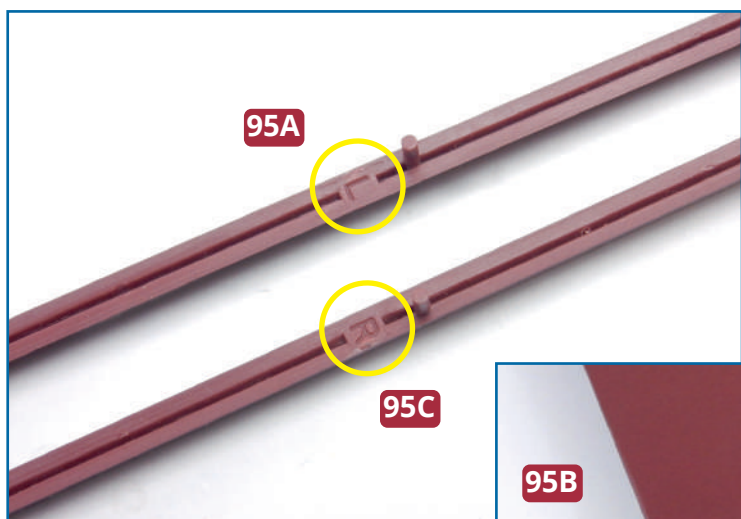
95B Keel section

95C Starboard bilge keel

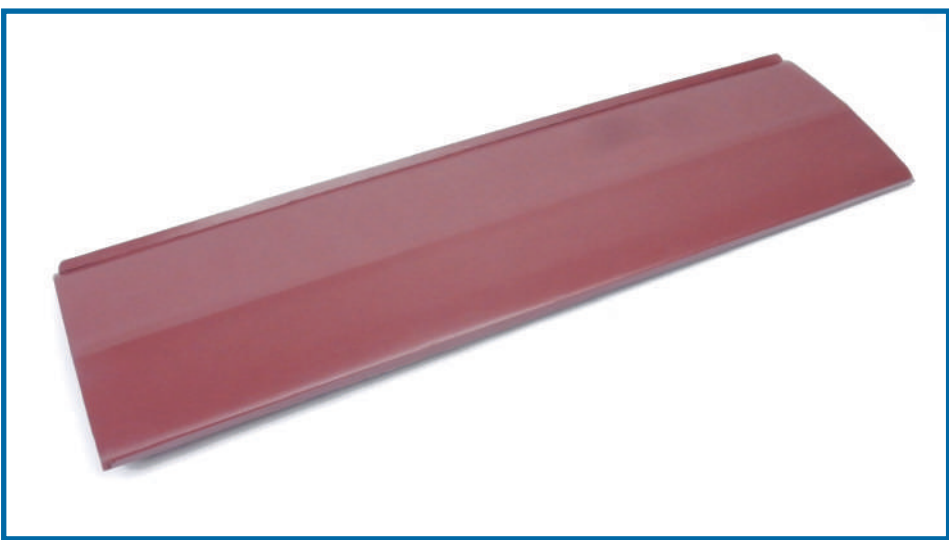


1 Take the keel section **95B** and check the orientation: the forward end of the section has five raised screw sockets (circled, below).





2 Take the two bilge keels **95A** and **95C**. One is marked L for left/port and the other is marked R for right/starboard (circled, top left). Check how the pegs fit into sockets along each side of the keel, ensuring that you fit them on the correct side of the keel. You may need to enlarge the holes very slightly with a fine drill or round file to fit the pegs in place. When you are happy with the fit, glue in place.



Completed work

This shows the keel section with the bilge keels fixed in place.



NEXT KEEL SECTION FOR THE HULL

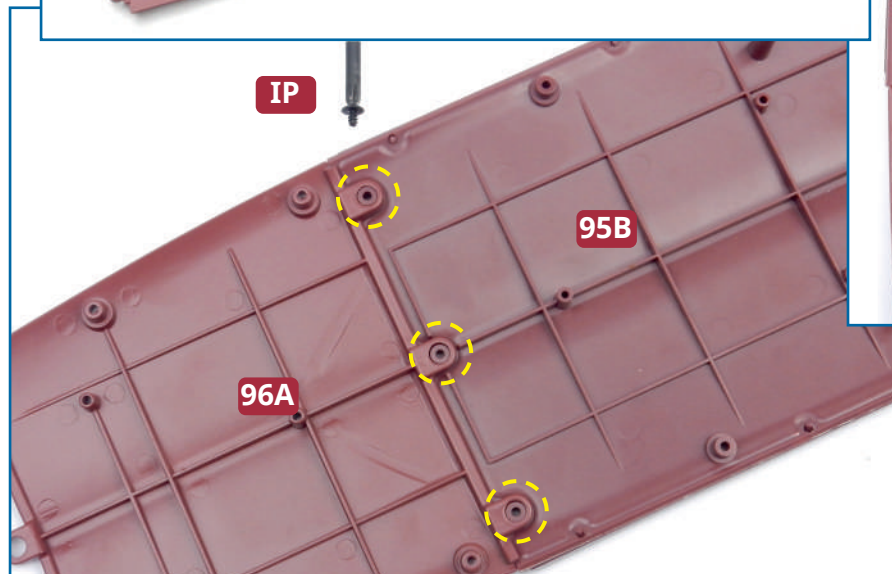


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96A Next keel section

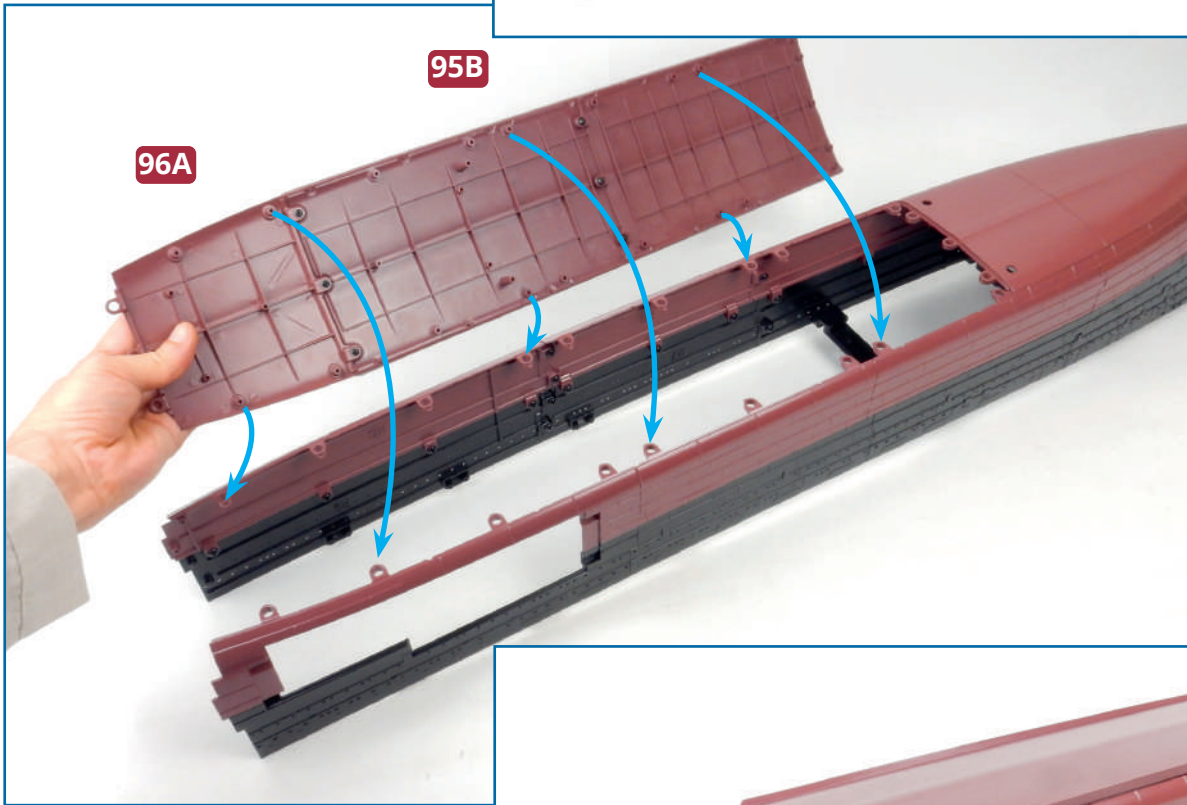
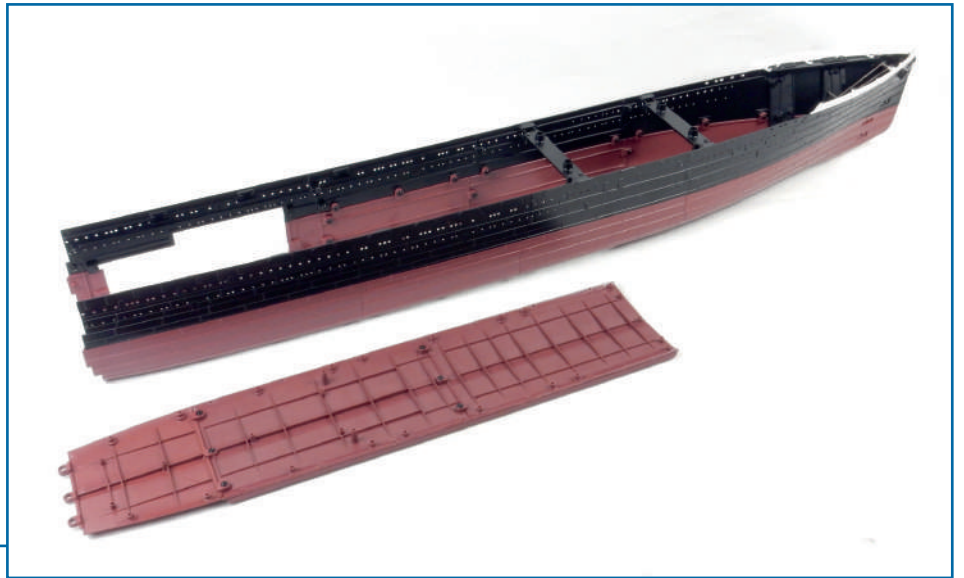
IP Twenty 6 x 4mm PWB screws (2 spare)

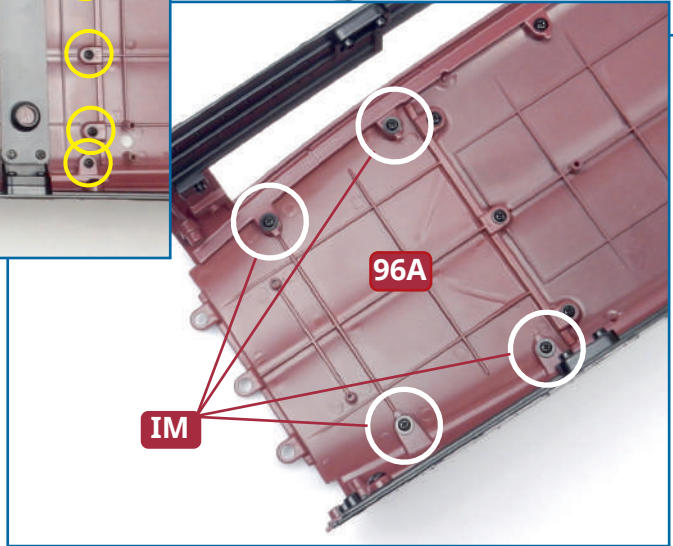
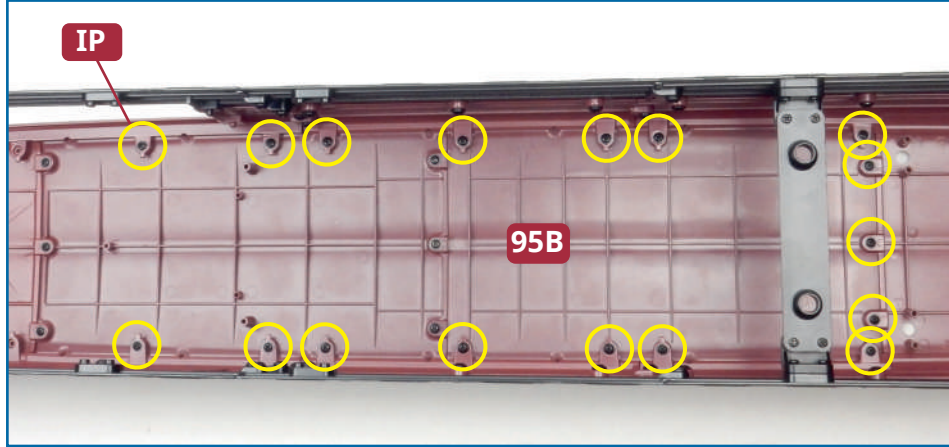
IM Five 6 x 4mm PWM screws (1 spare)



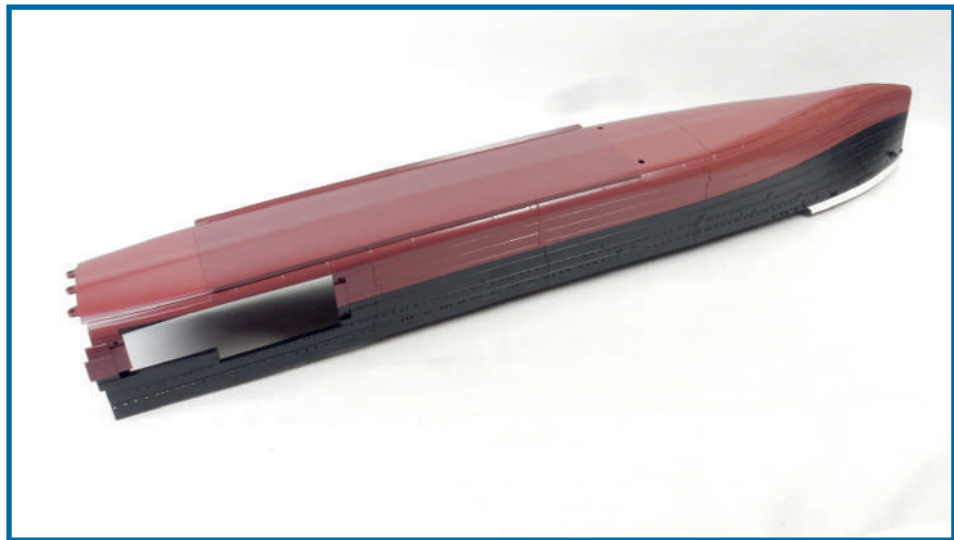
1 Take the keel section **95B** from the previous issue. Check how the three screw sockets at the aft end of **95B** connect with the screw holes in the tabs at the forward end of part **96A**. Fix them together with three **IP** screws.

2 Take the hull assembly from issue 88 and turn it upside down. Position the keel assembly **95B / 96A** in the opening at the base of the hull so that the raised screw sockets on the keel sections fit into the screw holes in the hull assembly (some of the alignments are indicated below; see also overleaf where all the screw holes are shown).





3 Turn the hull right side up and check that the screw holes are aligned. Fix part **95B** to the hull with seventeen **IP** screws (circled in yellow). Fit the sides of part **96A** in place with four **IM** screws (circled in white).



Completed work

The main part of the keel has been fitted to the hull.

NEXT HULL SECTION: PORT SIDE



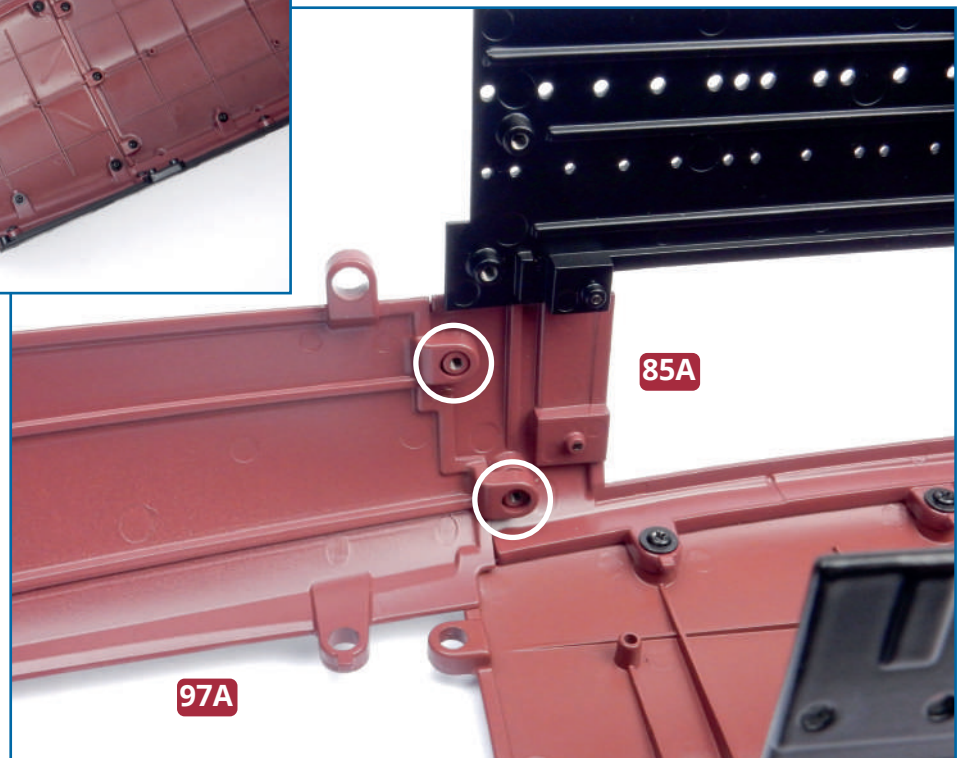
PARTS IN THIS ISSUE

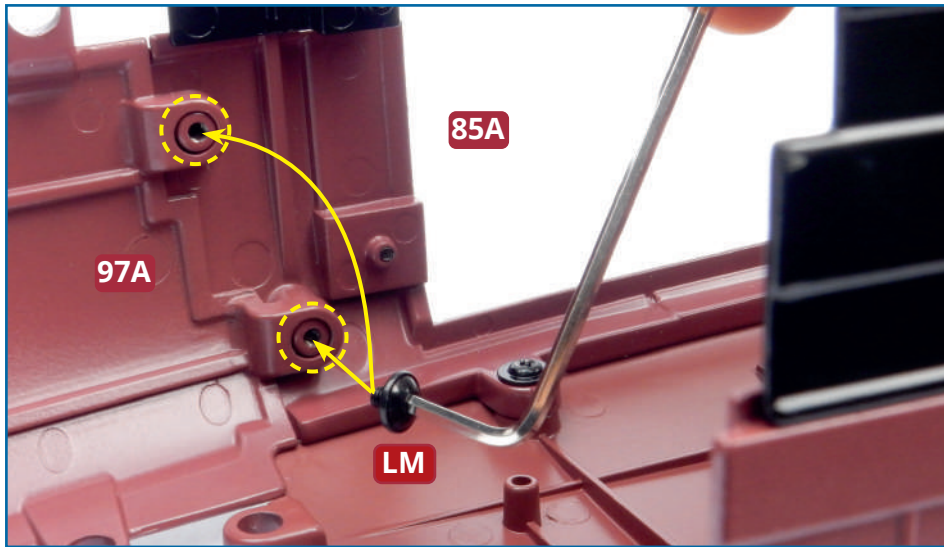
97A Hull section (port)

LM Three 2.6 x 3mm PWM hexagonal headed screws (1 spare)

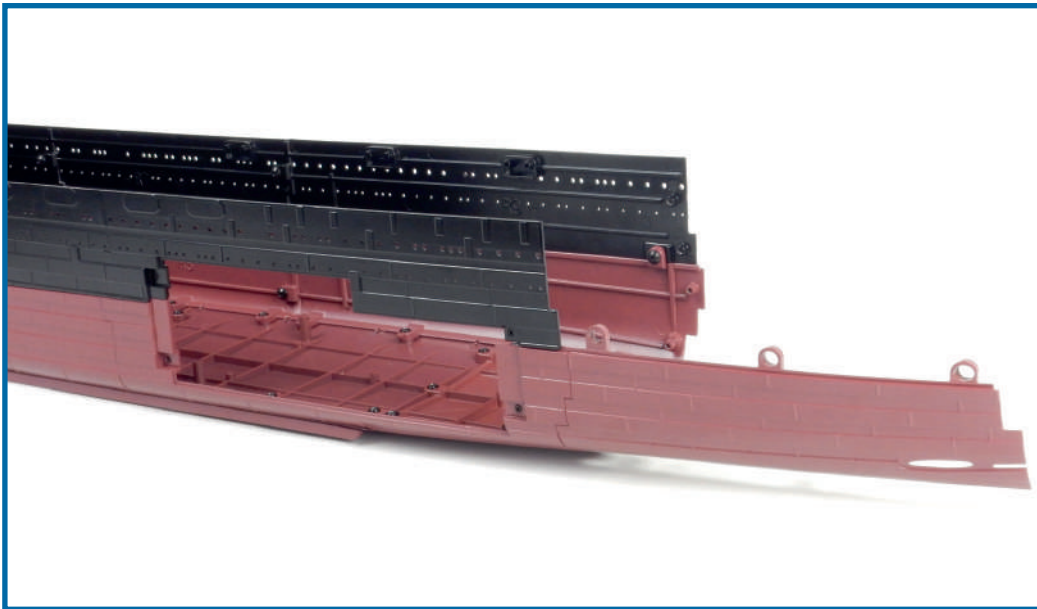
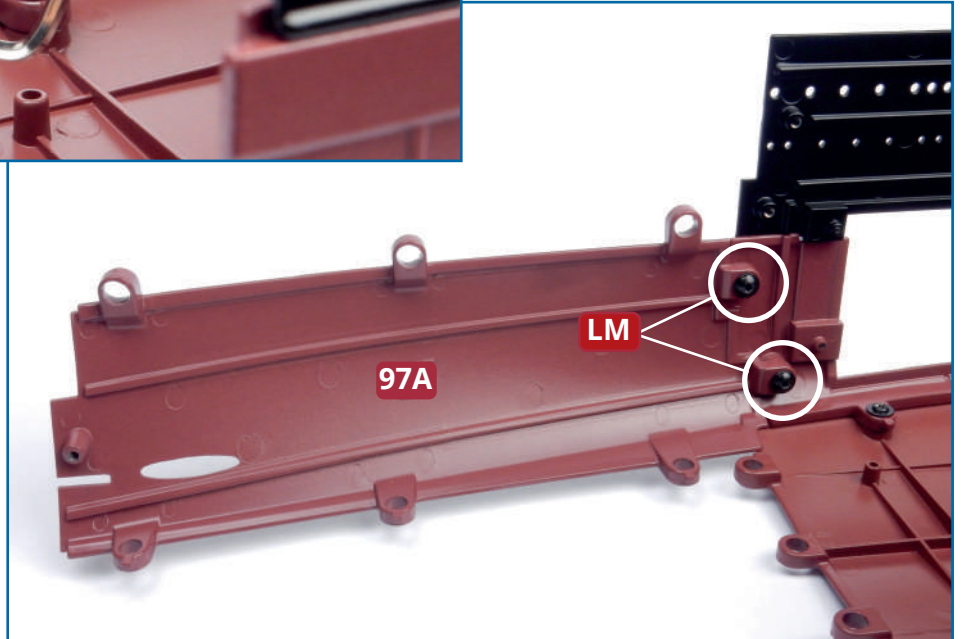


1 Take the hull section **97A** and check how it fits against hull section **85A**, so that the screw holes in the tabs on part **97A** align with the screw sockets in part **85A**, as shown on the right (circled in white).





2 Fix hull section **97A** in place with two **LM** screws. You will need to use the Allen key supplied with issue 15 to tighten the screws (above and right).



Completed work

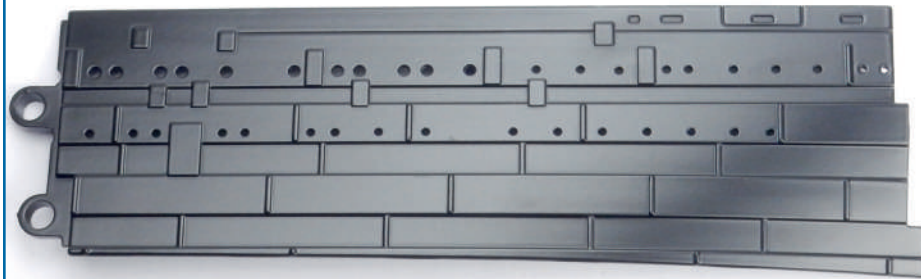
This shows the next section of the hull in place.

NEXT SECTION OF THE UPPER HULL: PORT SIDE

PARTS IN THIS ISSUE

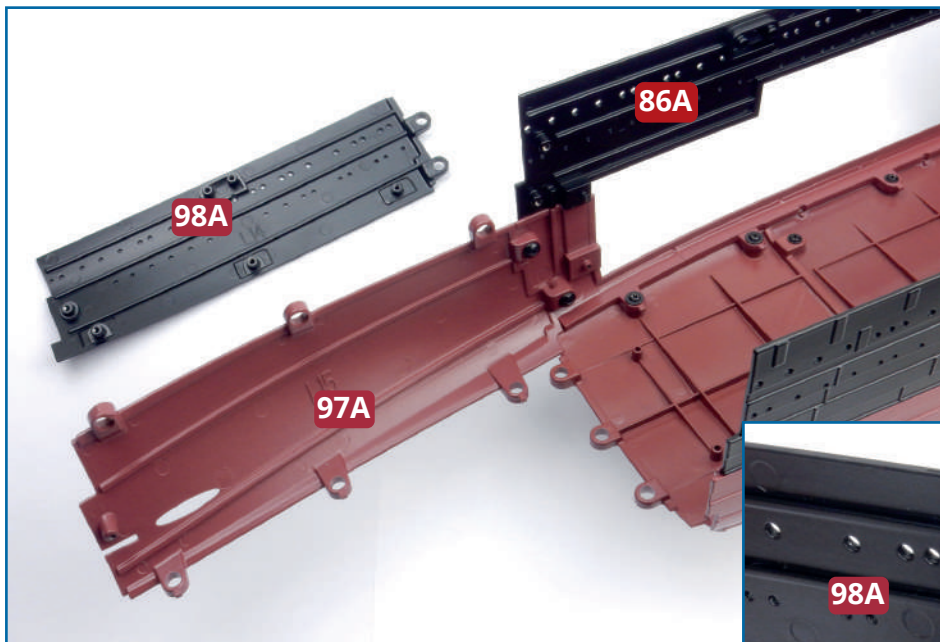
98A Hull section (port)

LM Six 2.6 x 3mm PWM hexagonal headed screws



98A

LM

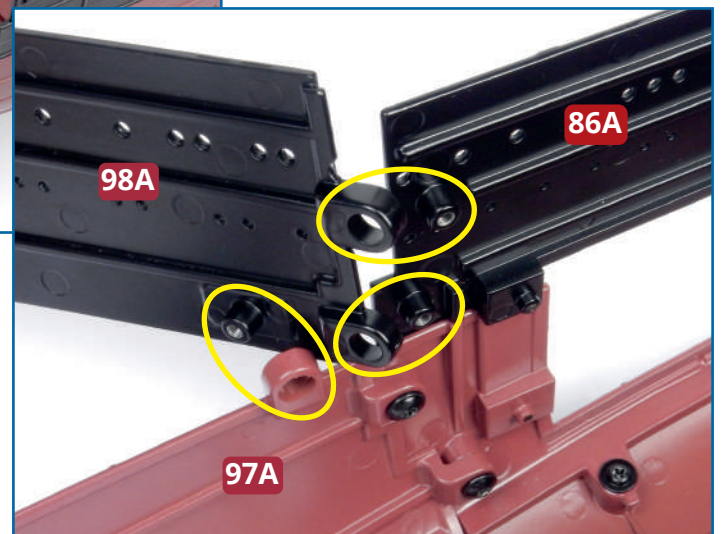


98A

86A

97A

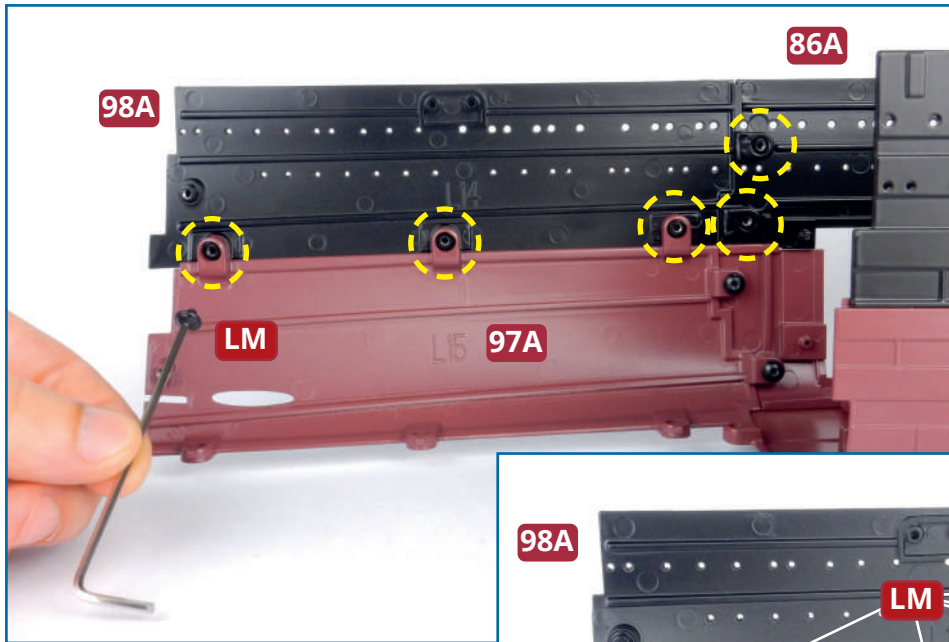
1 Take hull section **98A** and check how it fits against hull sections **86A** and **97A**. You need to bring in the forward end of part **98A** at an angle, so that the screw holes in the tabs can be aligned with the screw sockets, as shown, right.



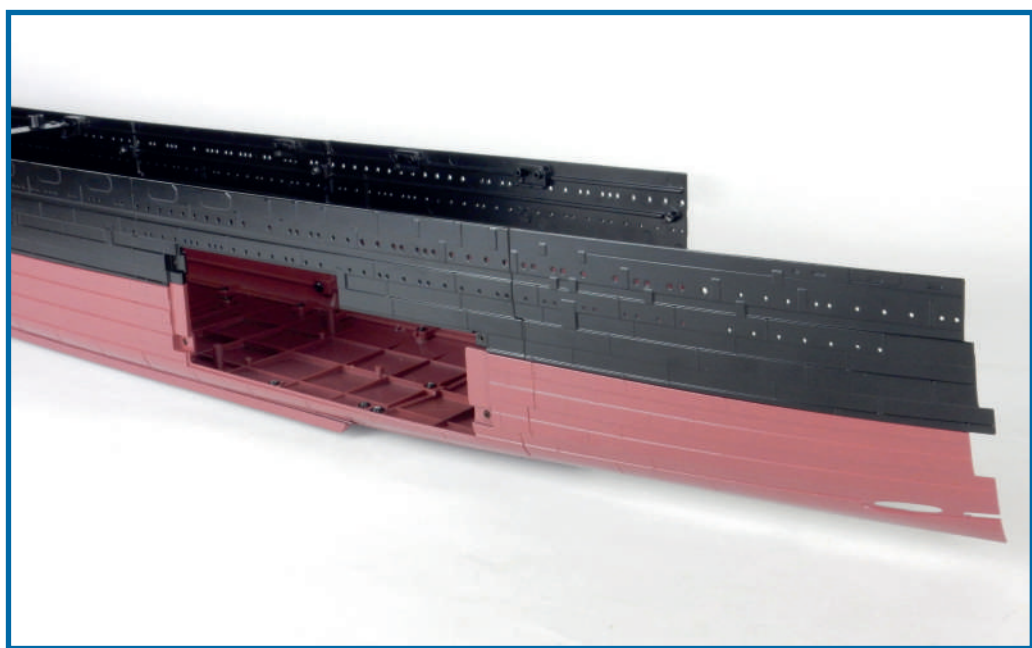
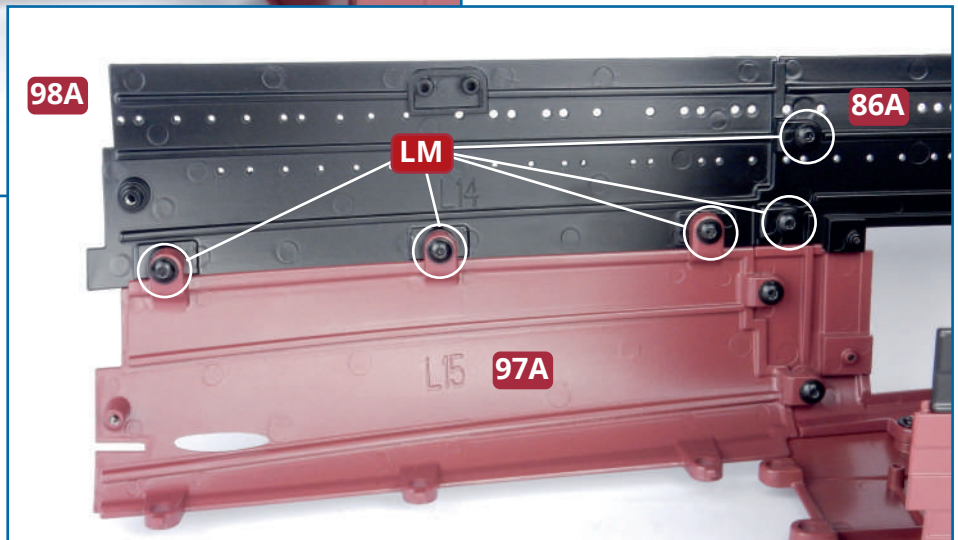
98A

86A

97A



2 Fix hull section **98A** to sections **86A** and **97A** with five **LM** screws. You will need to use the Allen key supplied with issue 15 to tighten the screws.



Completed work

This shows the next section of the hull in place.