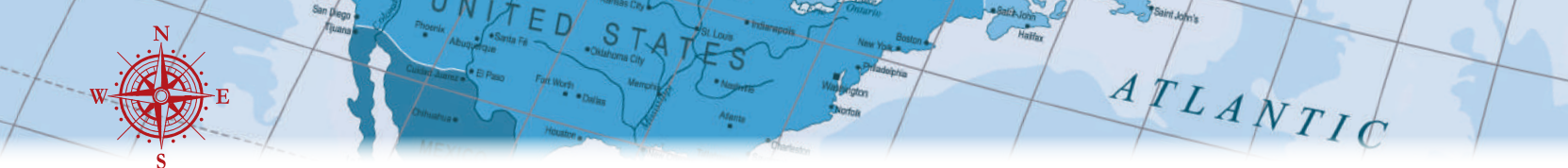


TITANIC

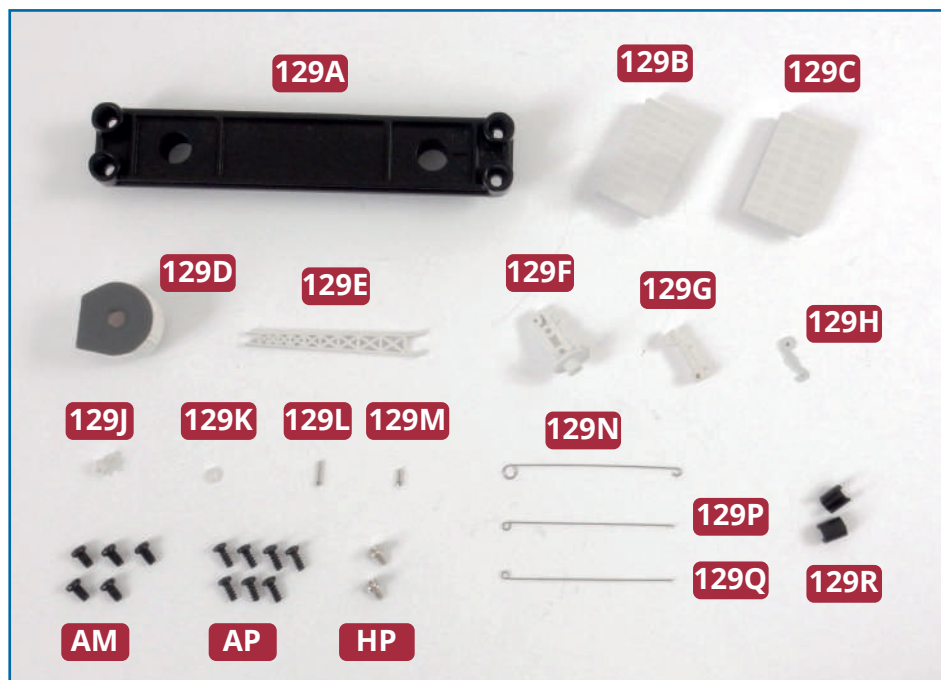
THE SHIP • THE LEGEND

Pack 23





THE LAST AFT CRANE

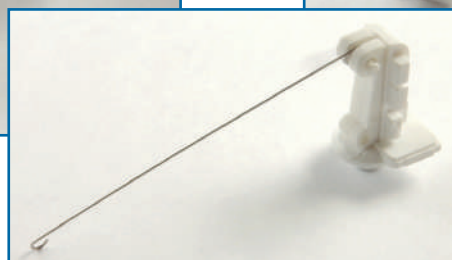
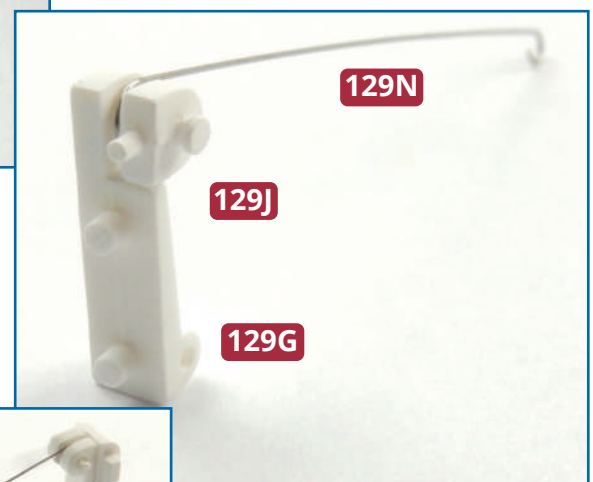
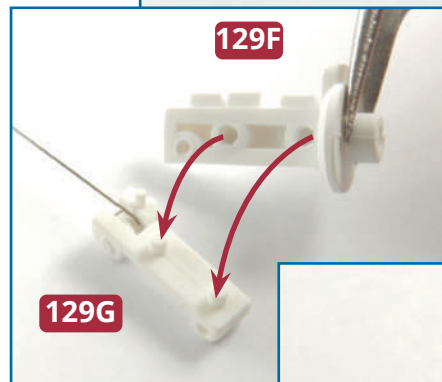
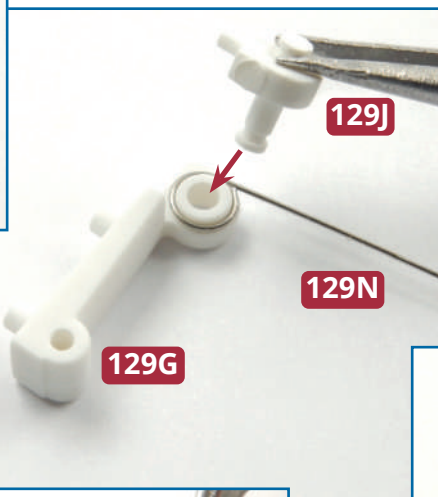


PARTS IN THIS ISSUE

- 129A** Cross support
- 129B** Hatch 1
- 129C** Hatch 2
- 129D** Crane base
- 129E** Crane boom
- 129F** Crane motor
- 129G** Crane upright
- 129H** Hook
- 129J** Plastic pin
- 129K** Washer
- 129L** Long pin
- 129M** Short pin
- 129N** Crane cable
- 129P** Left tie rod
- 129Q** Right tie rod
- 129R** Two propeller shaft clips (1 spare)
- AM** Five PM screws (1 spare)
- AP** Seven PB screws (1 spare)
- HP** Two PWB screws (1 spare)



1 Take parts **129G**, **129J** and **129N**. Fit the large eyelet at one end of the crane cable **129N** over the peg on the upright **129G**. Fit the plastic pin **129J** to hold it in place. Fix the motor **129F** on the upright **129G**. This is a push-fit connection.

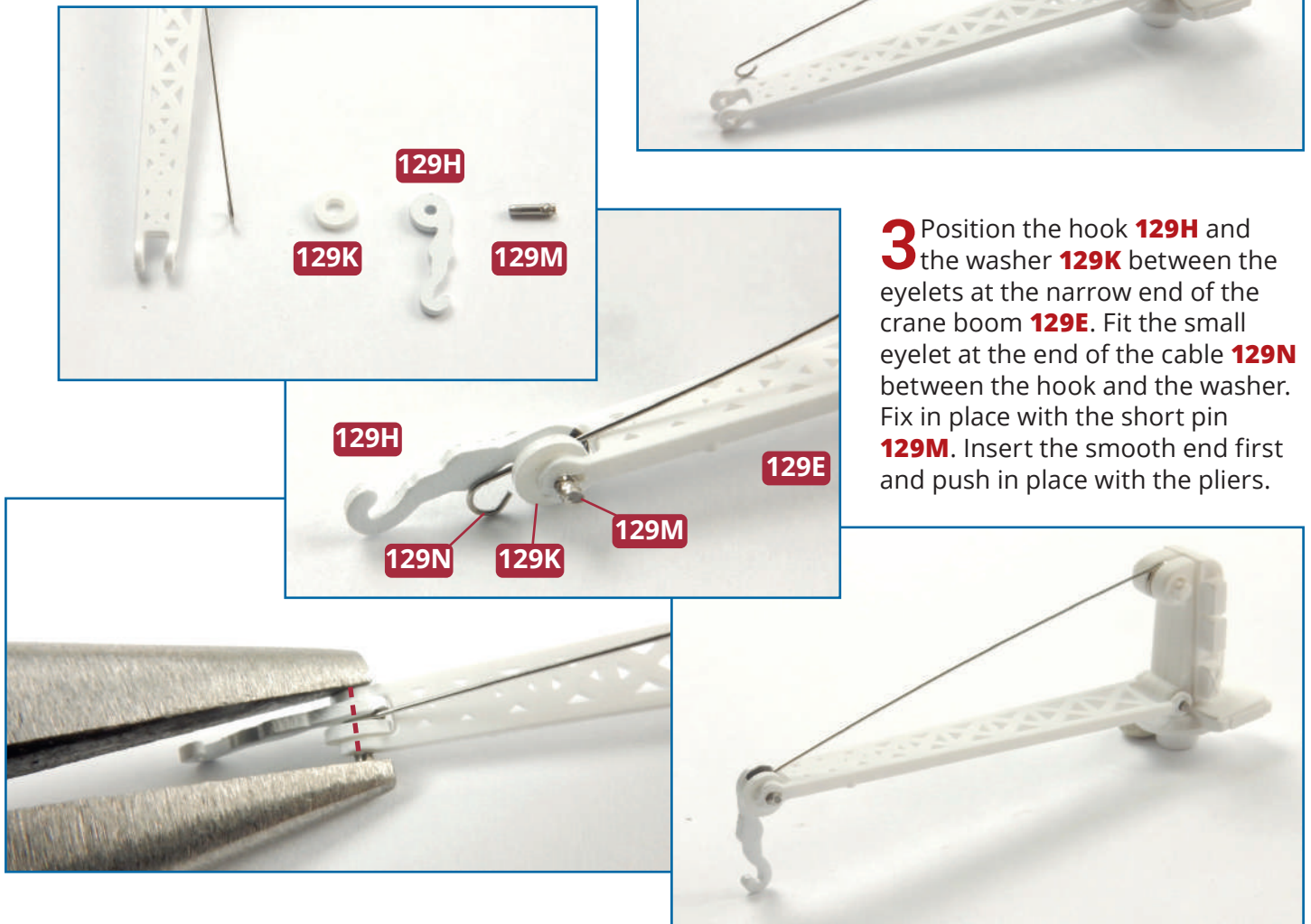


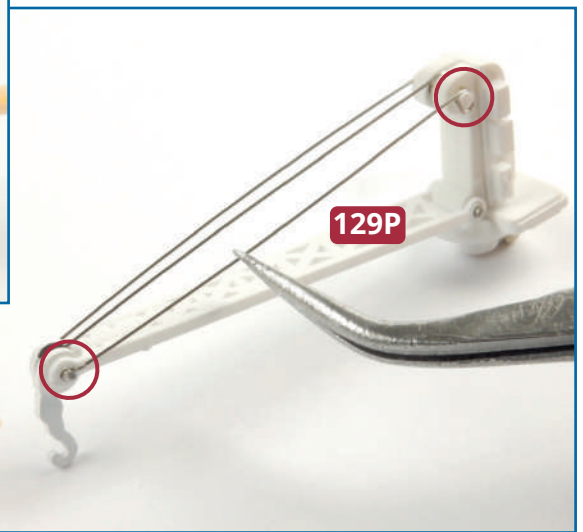
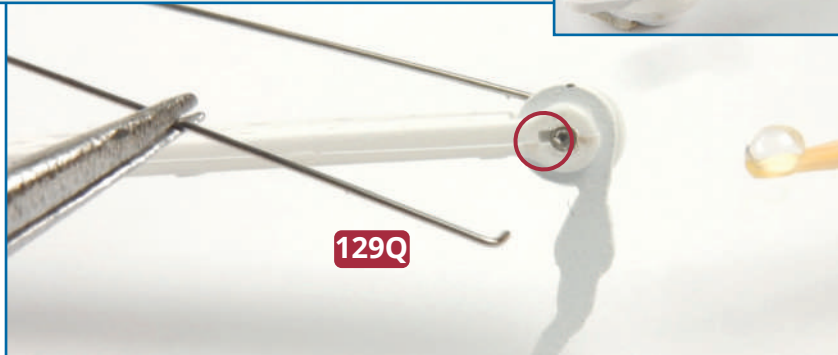
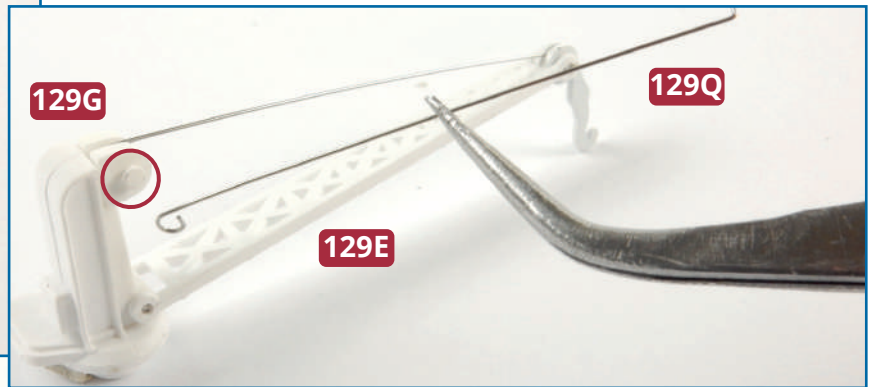
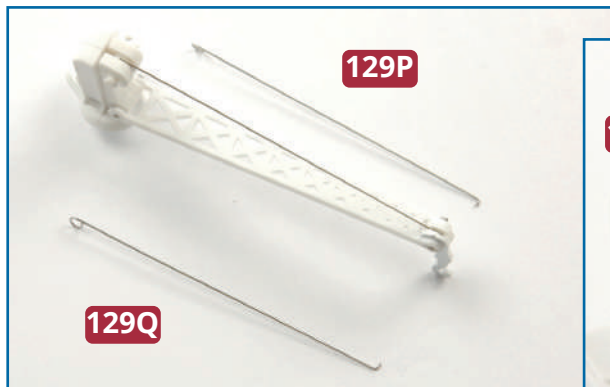
★ STEP-BY-STEP INSTRUCTIONS ★

2 Take the crane boom **129E** and the long pin **129L**. Fit the holes in the tabs on the boom on either side of the channel at the base of the upright **129G**. Fix in place with the long pin **129L**, fitting the smooth end first. Use a pair of pliers to push the pin in place.

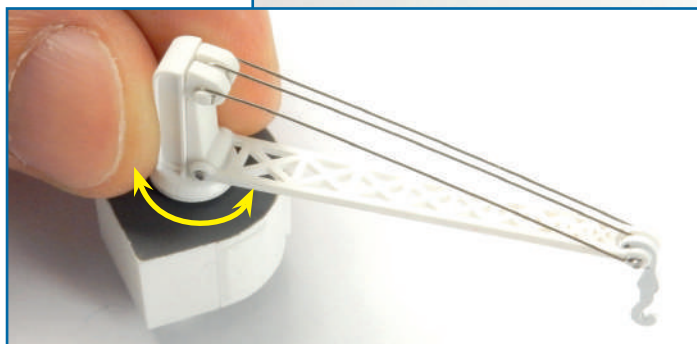
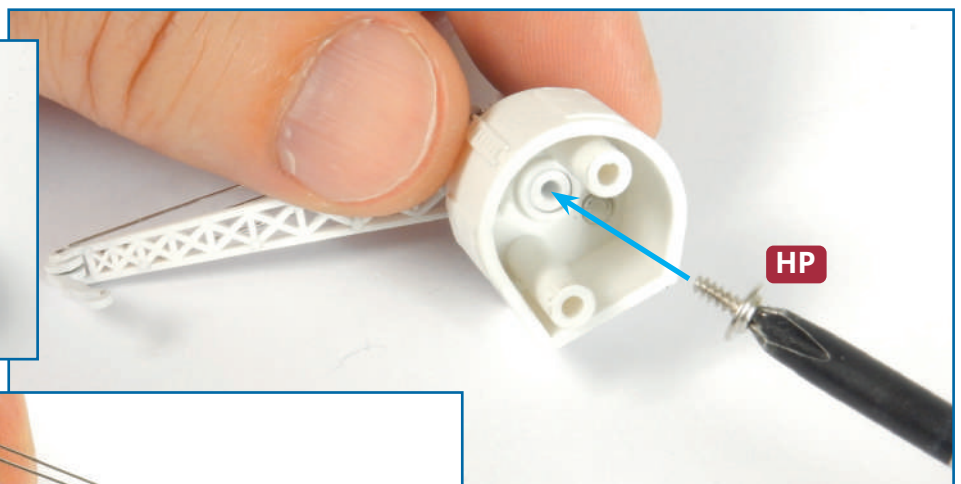
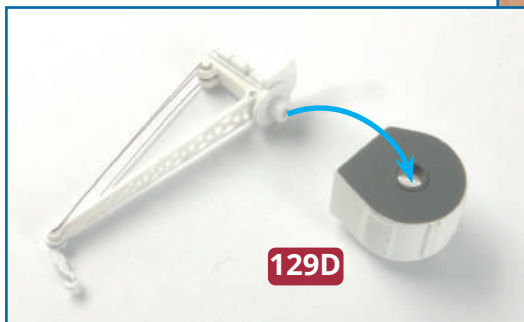


3 Position the hook **129H** and the washer **129K** between the eyelets at the narrow end of the crane boom **129E**. Fit the small eyelet at the end of the cable **129N** between the hook and the washer. Fix in place with the short pin **129M**. Insert the smooth end first and push in place with the pliers.



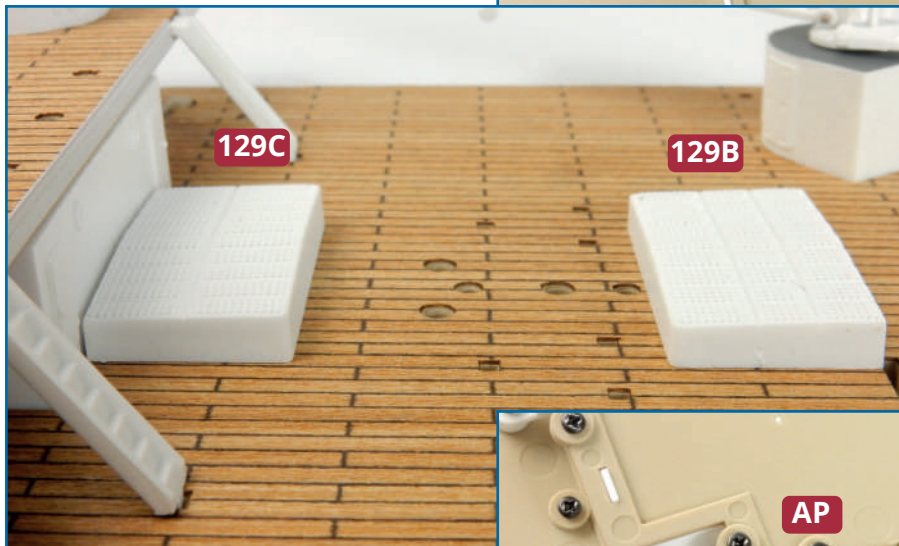
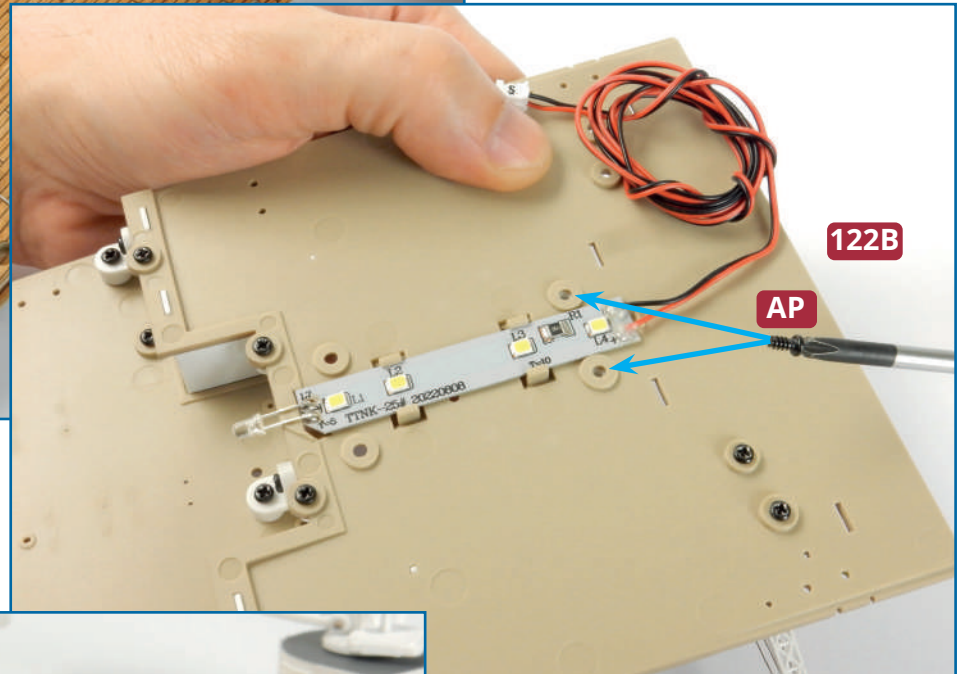
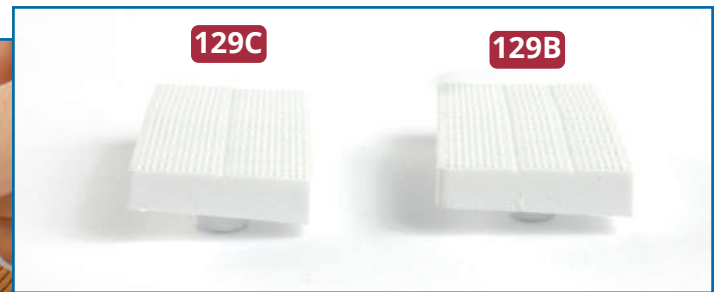
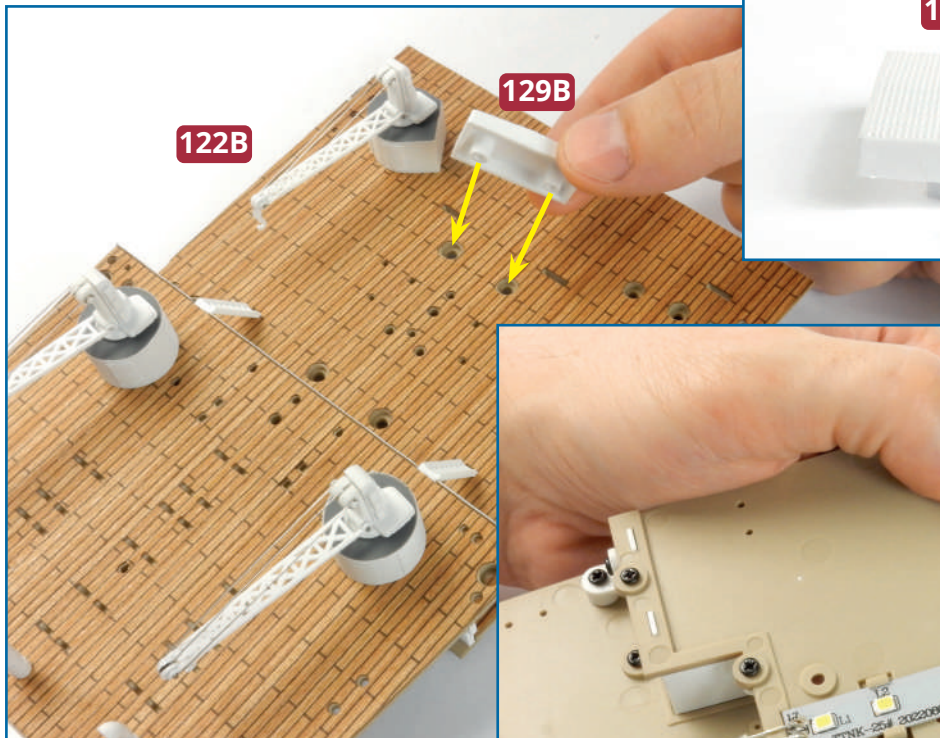


4 Fit the left and right tie rods, **129P** and **129Q**, so they run between the upright **129G** and the end of the boom **129E**, as shown. If necessary, fix the ends of the tie rods in place with a drop of glue.

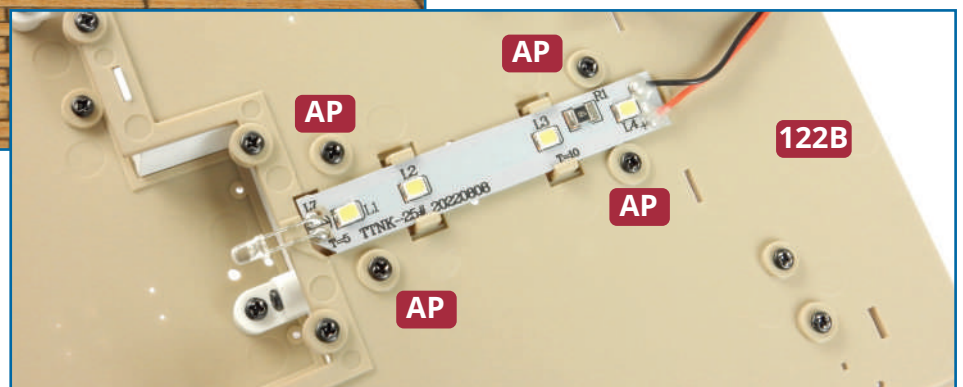


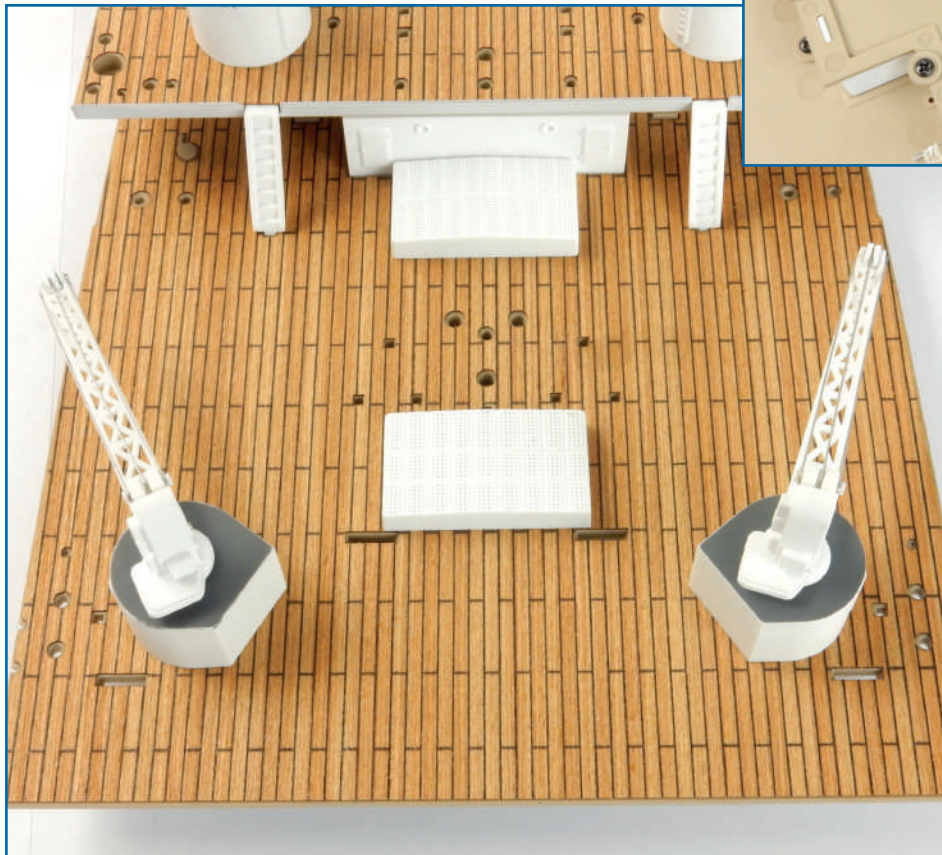
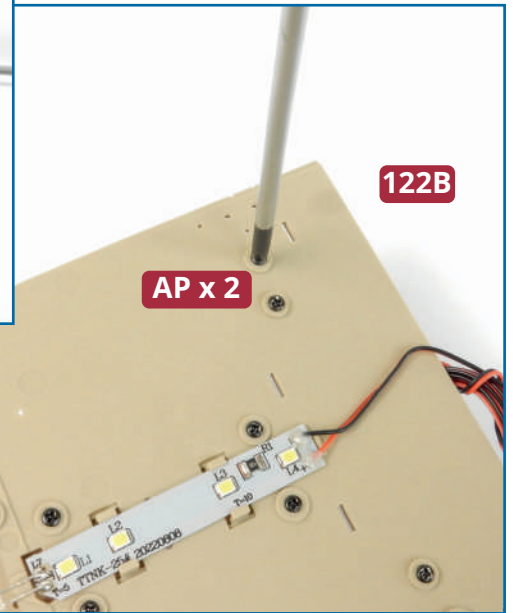
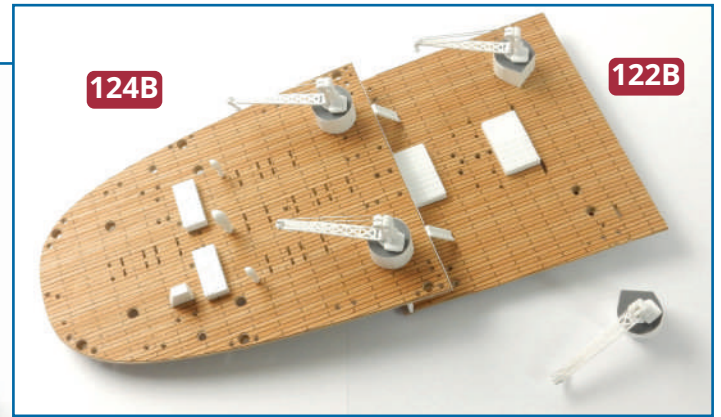
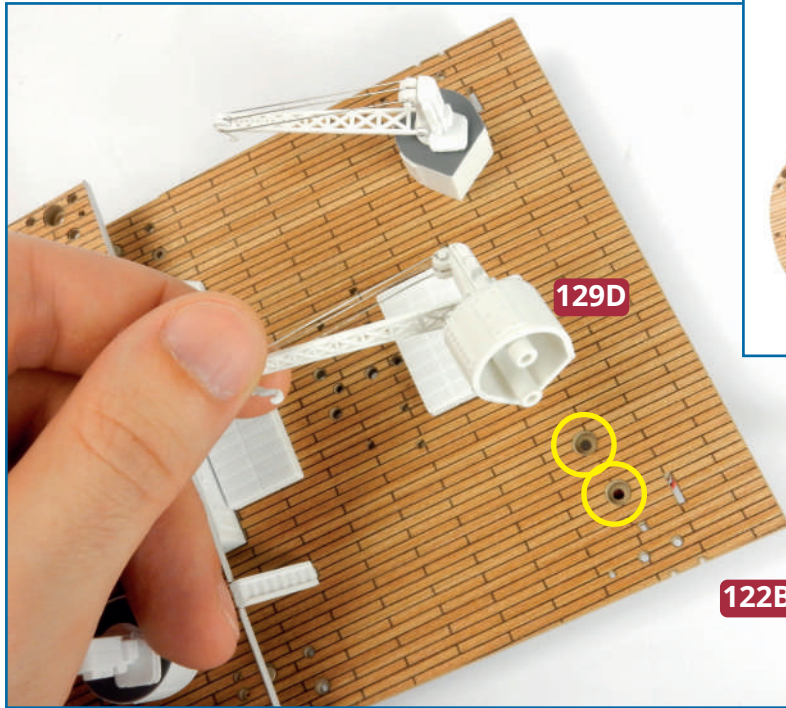
5 Place the crane assembly on the crane base **129D** and fix it in place with an **HP** screw. Do not overtighten the screw, the crane must be free to rotate.

★ STEP-BY-STEP INSTRUCTIONS ★



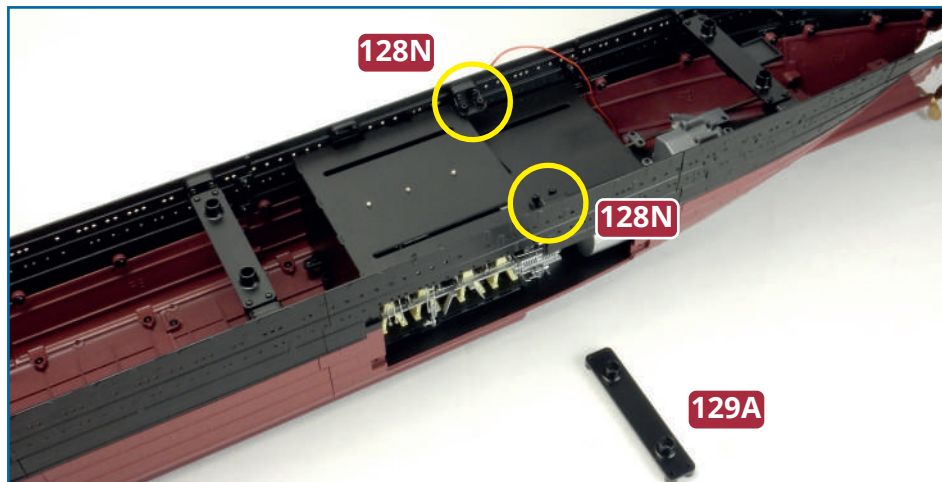
6 Take the two hatches **129B** and **129C**. Position hatch **129B** on the aft well deck **122B**, as shown. Fix in place with two **AP** screws, inserted from the underside of the deck (above). Similarly, position hatch **129C** on the deck and fix it in place with two more **AP** screws.



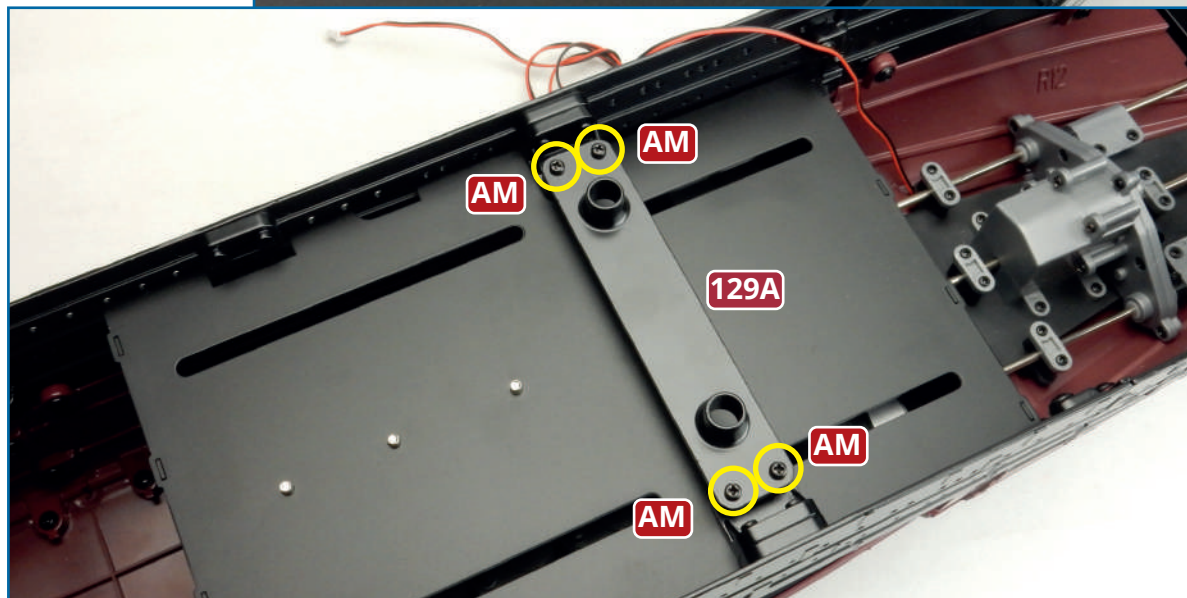
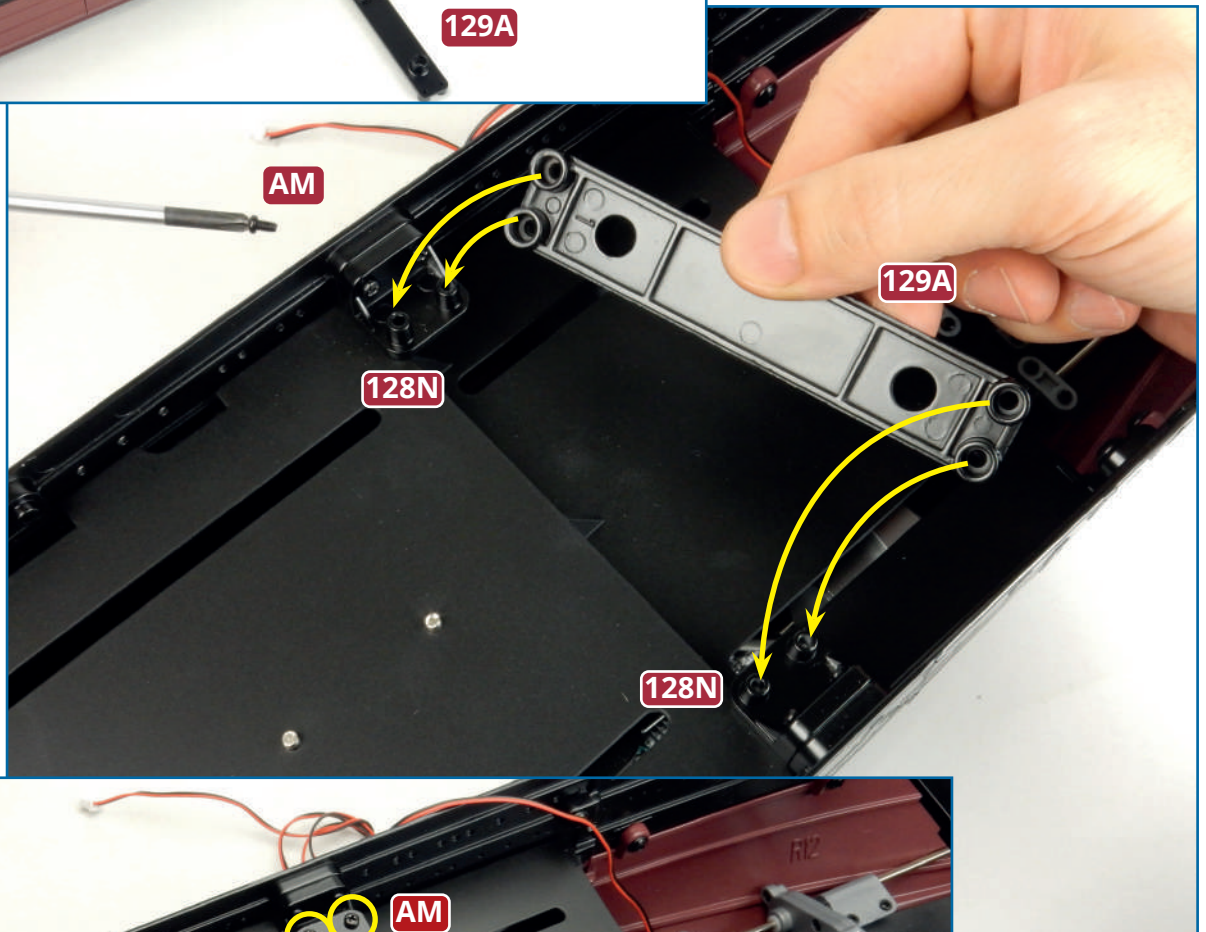


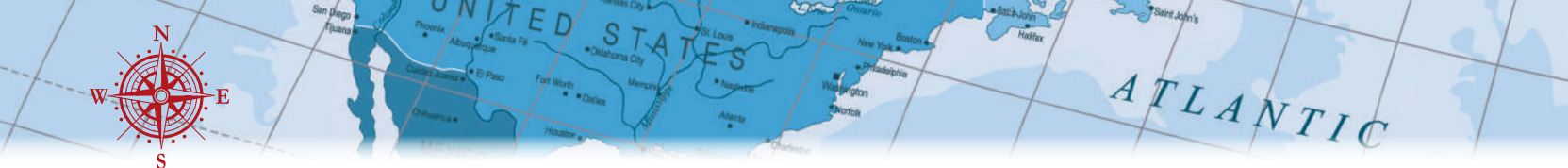
7 Identify the position for the crane assembly on the aft well deck **122B**. Position the crane as shown and fix it in place with two **AP** screws from the underside of the deck.

★ STEP-BY-STEP INSTRUCTIONS ★

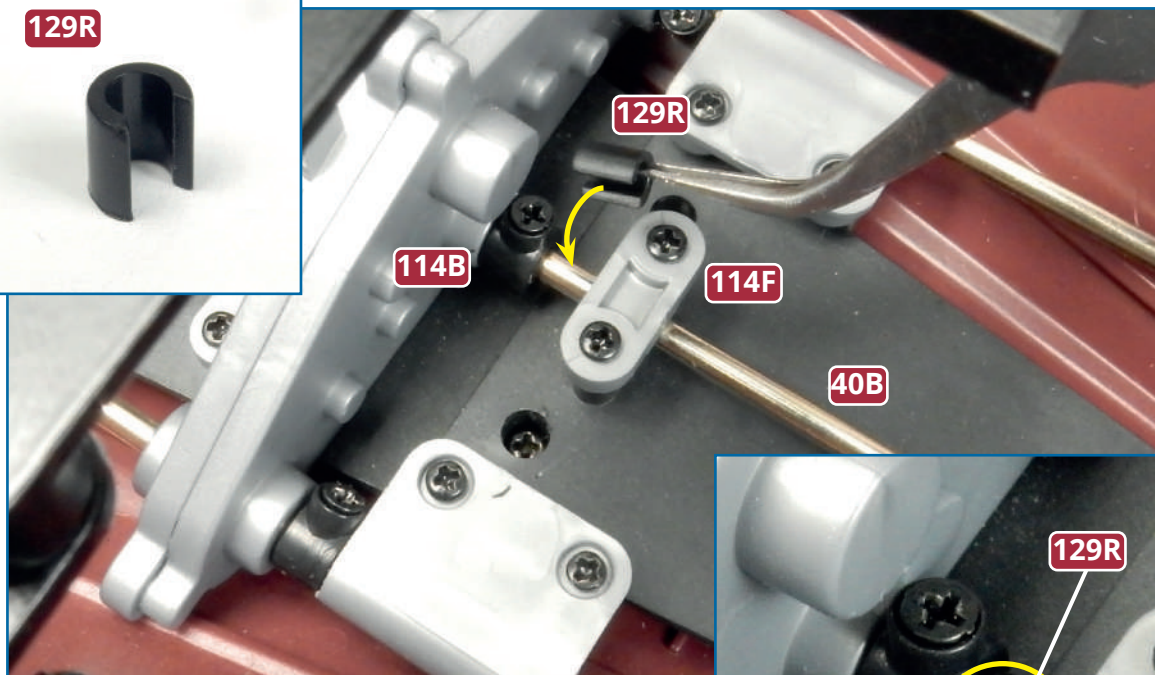


8 Take the cross support **129A** and position it on the two brackets **128N** on the inside of the hull. Fix the part **129A** to the brackets with two pairs of **AM** screws.





129R

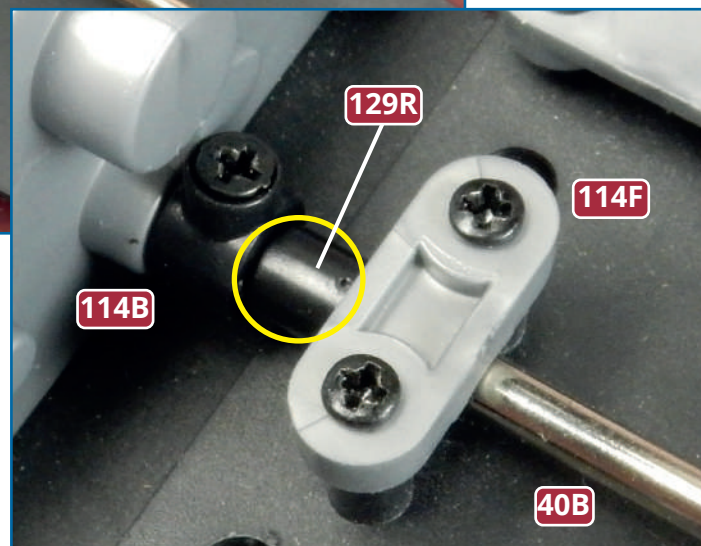


114B

129R

114F

40B



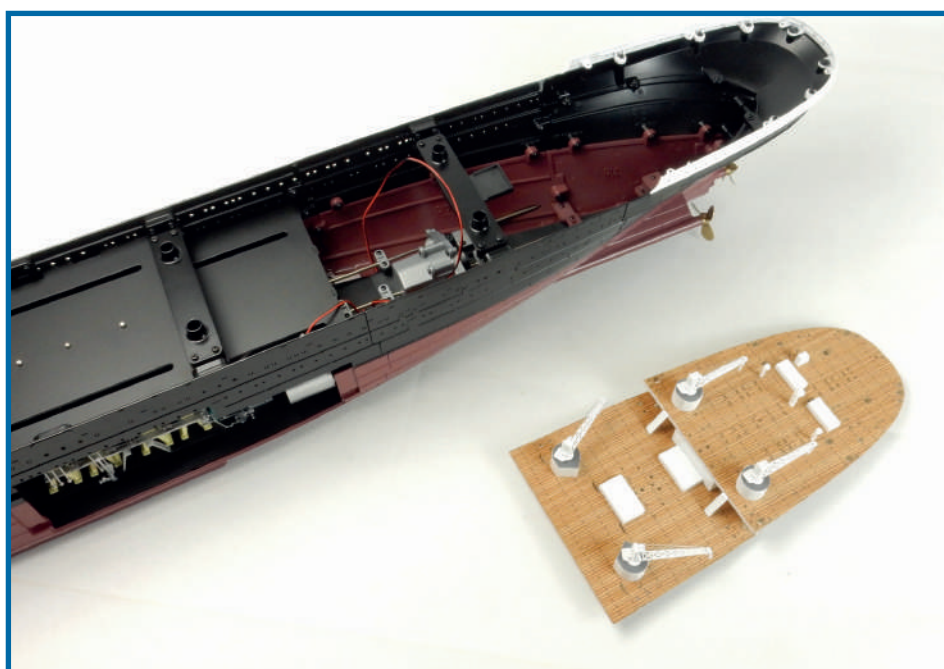
129R

114F

114B

40B

9 Take the clip **129R** and identify the fixing position on the central propeller shaft **40B**. Using a pair of tweezers, position the clip as shown (circled in yellow) between the collar **114B** and fixing plate **114F**. Press clip **129R** onto shaft **40B** until it clicks in place (right). You may find this easier if you remove the plate **114F** and replace it after fitting part **129R**.



Completed work

A cross support has been fitted to the hull and a clip has been fitted to the propeller shaft. The last aft crane has been fitted to the well deck.

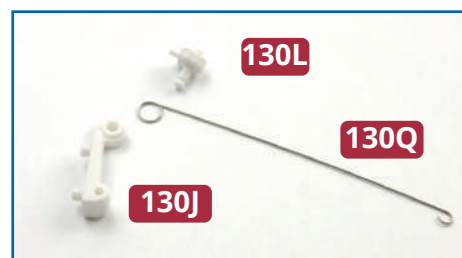


THE FIRST BOW CRANE

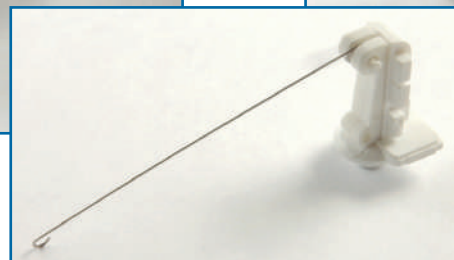
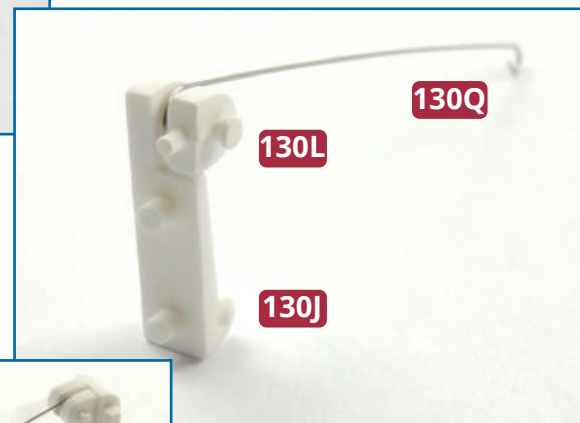
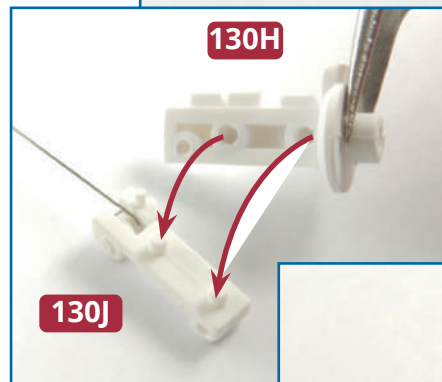
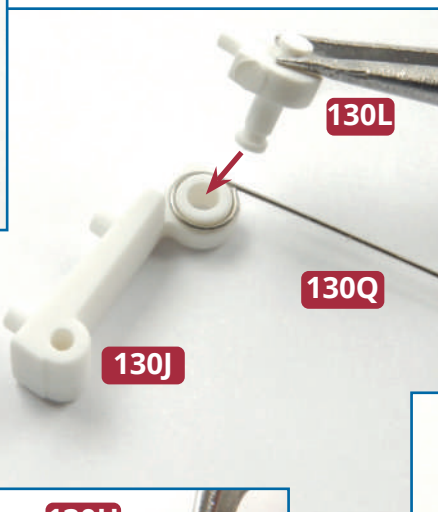


PARTS IN THIS ISSUE

- ul style="list-style-type: none; padding-left: 0;">
- 130A** Brackets (x 2)
- 130B** Benches (x 8)
- 130C** Crane Base
- 130D** Bitts (bollards) (x 2)
- 130E** Secondary anchor
- 130F** Steam valves (x 4)
- 130G** Crane boom
- 130H** Crane motor
- 130J** Crane upright
- 130K** Hook
- 130L** Plastic pin
- 130M** Washer
- 130N** Long pin
- 130P** Short pin
- 130Q** Crane cable
- 130R** Left tie rod
- 130S** Right tie rod
- AP** Three PB screws (1 spare)
- AM** Five PM screws (1 spare)
- HP** Two PWM screws (1 spare)

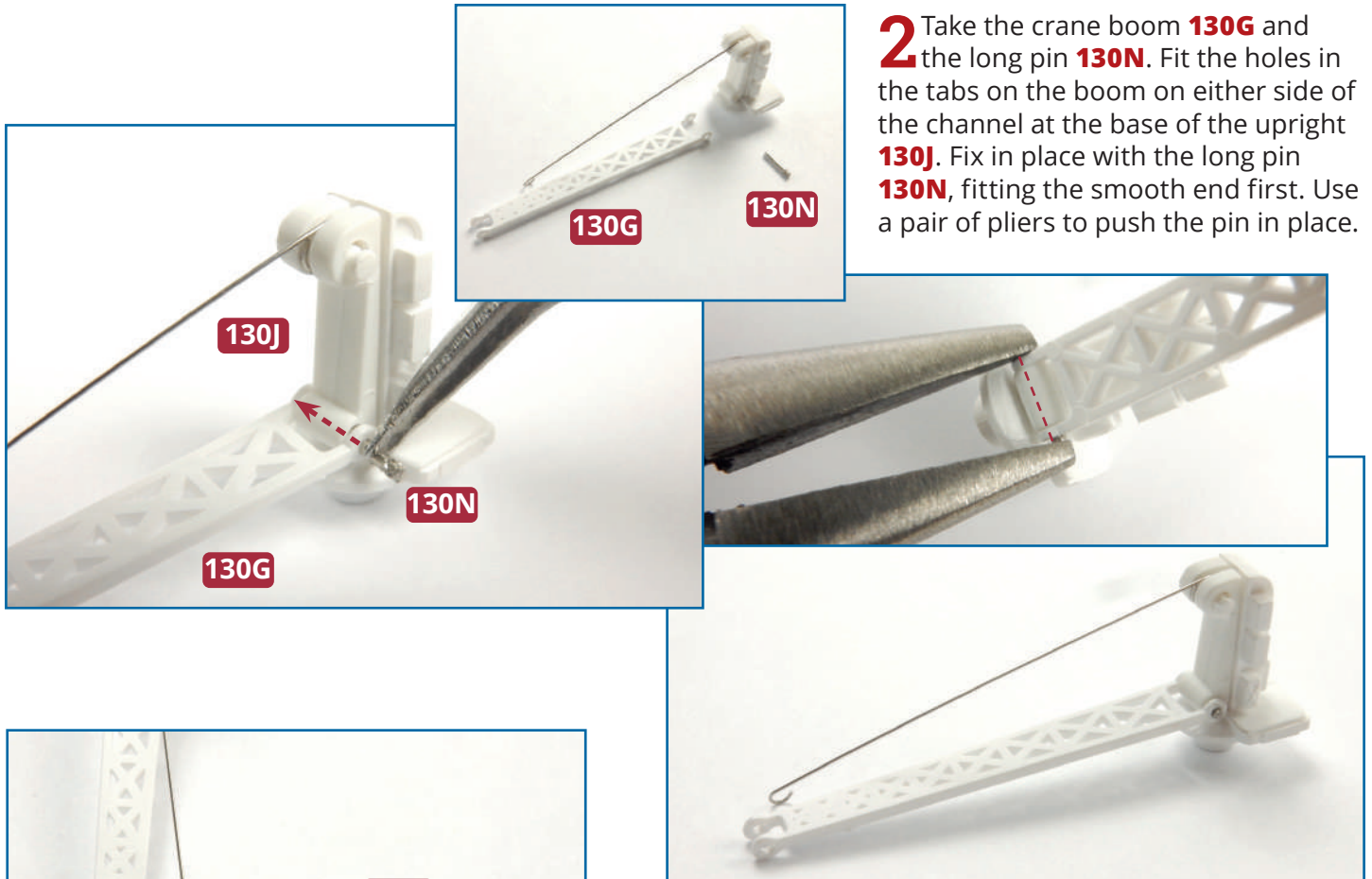


1 Take parts **130J**, **130L** and **130Q**. Fit the large eyelet at one end of the crane cable **130Q** to the peg on the upright **130J**. Fit the plastic pin **130L** to hold it in place, as shown. Fix the motor **130H** to the upright **130J**.

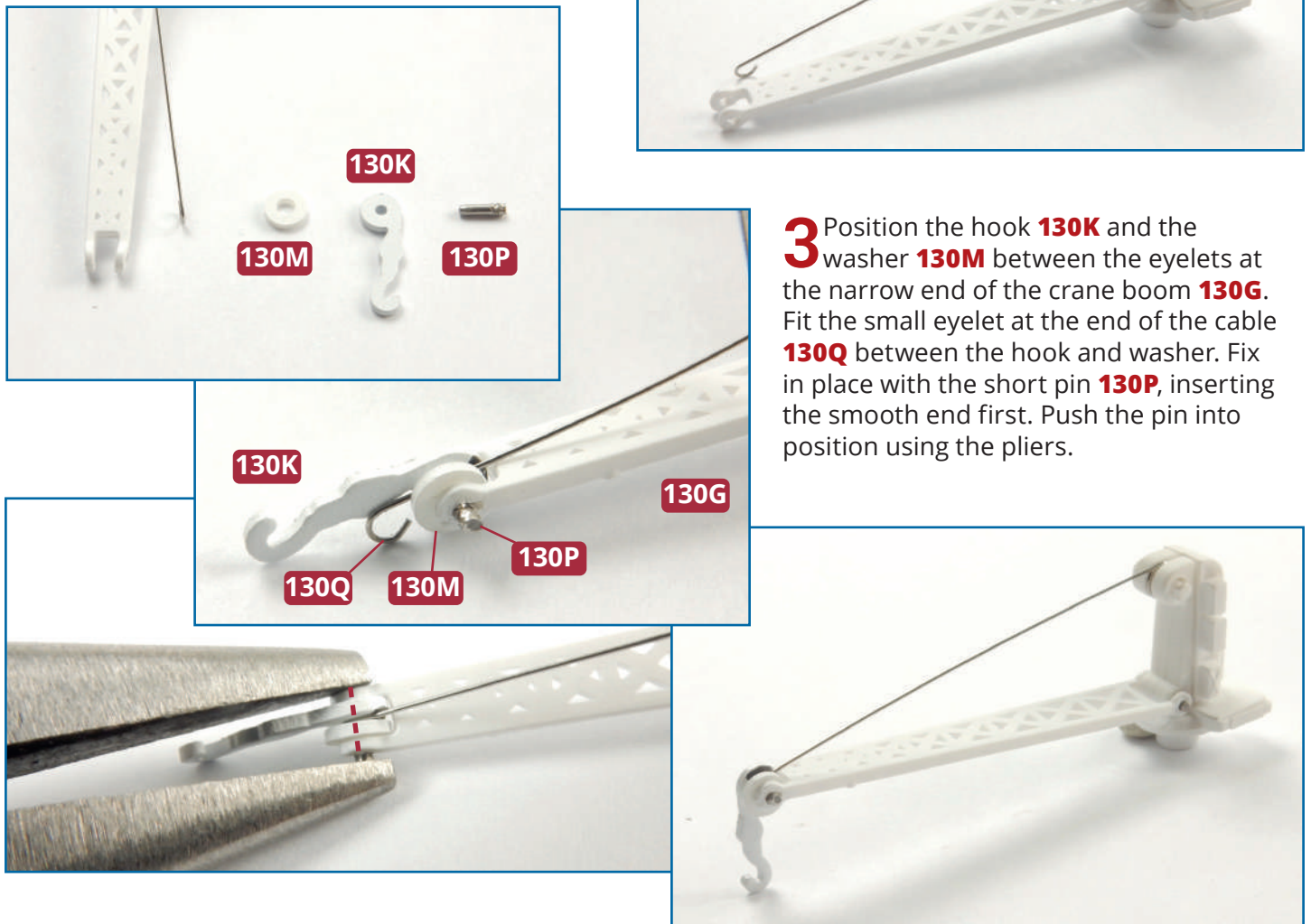


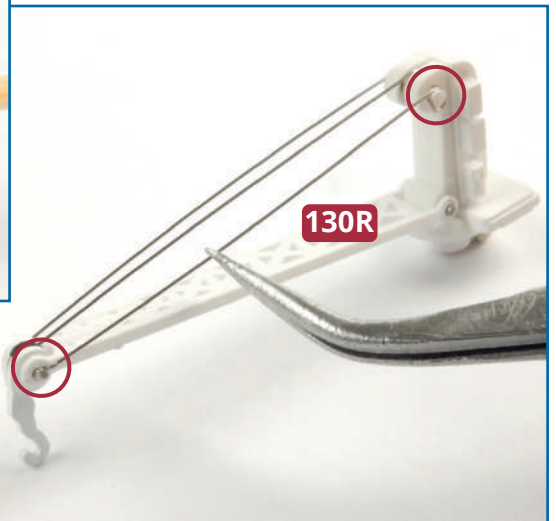
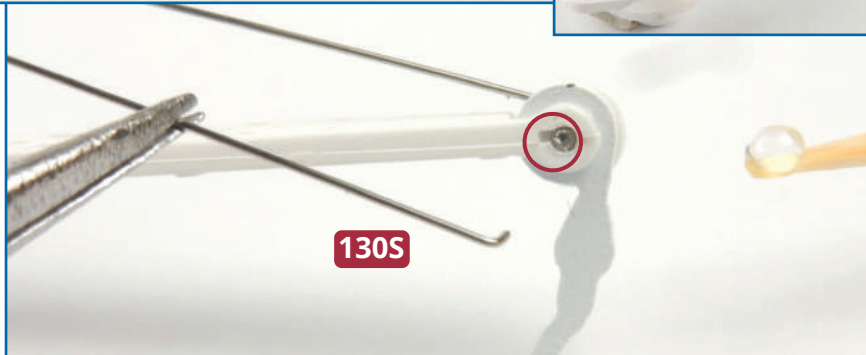
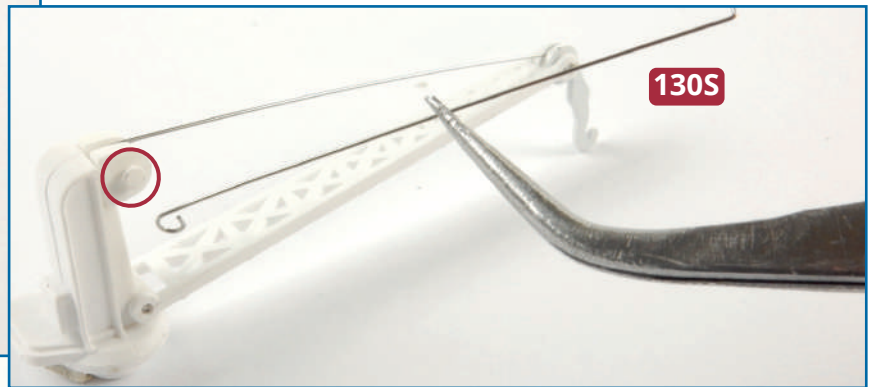
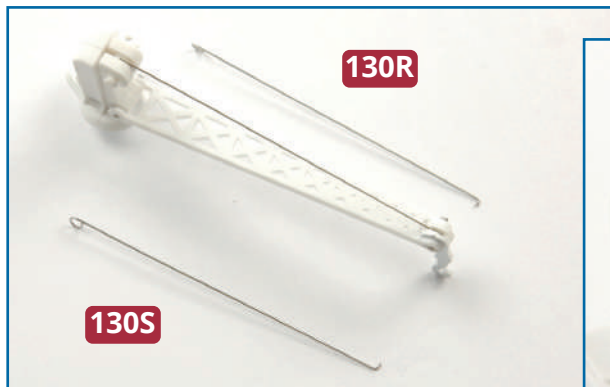
★ STEP-BY-STEP INSTRUCTIONS ★

2 Take the crane boom **130G** and the long pin **130N**. Fit the holes in the tabs on the boom on either side of the channel at the base of the upright **130J**. Fix in place with the long pin **130N**, fitting the smooth end first. Use a pair of pliers to push the pin in place.



3 Position the hook **130K** and the washer **130M** between the eyelets at the narrow end of the crane boom **130G**. Fit the small eyelet at the end of the cable **130Q** between the hook and washer. Fix in place with the short pin **130P**, inserting the smooth end first. Push the pin into position using the pliers.

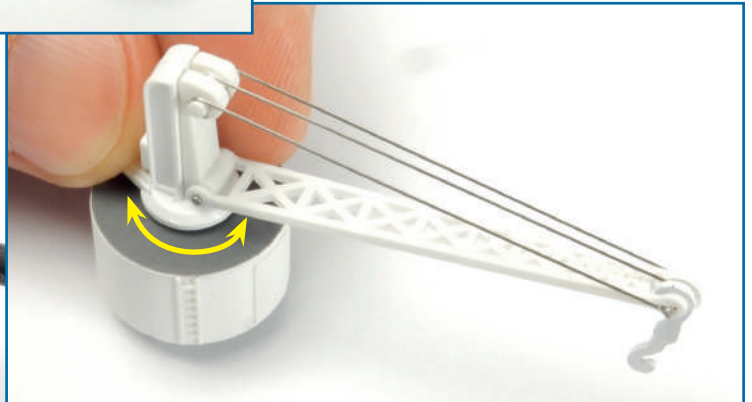
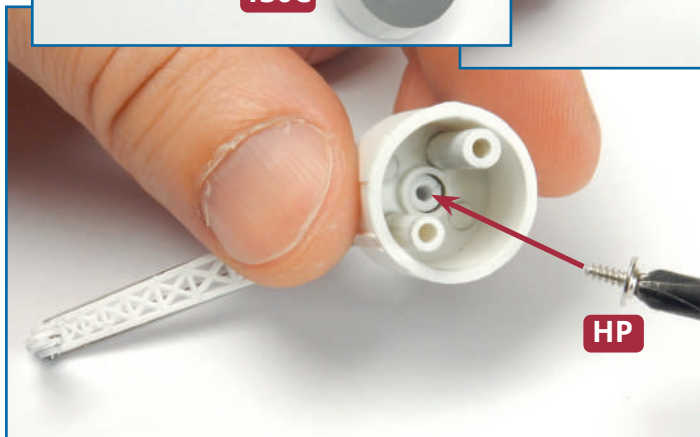




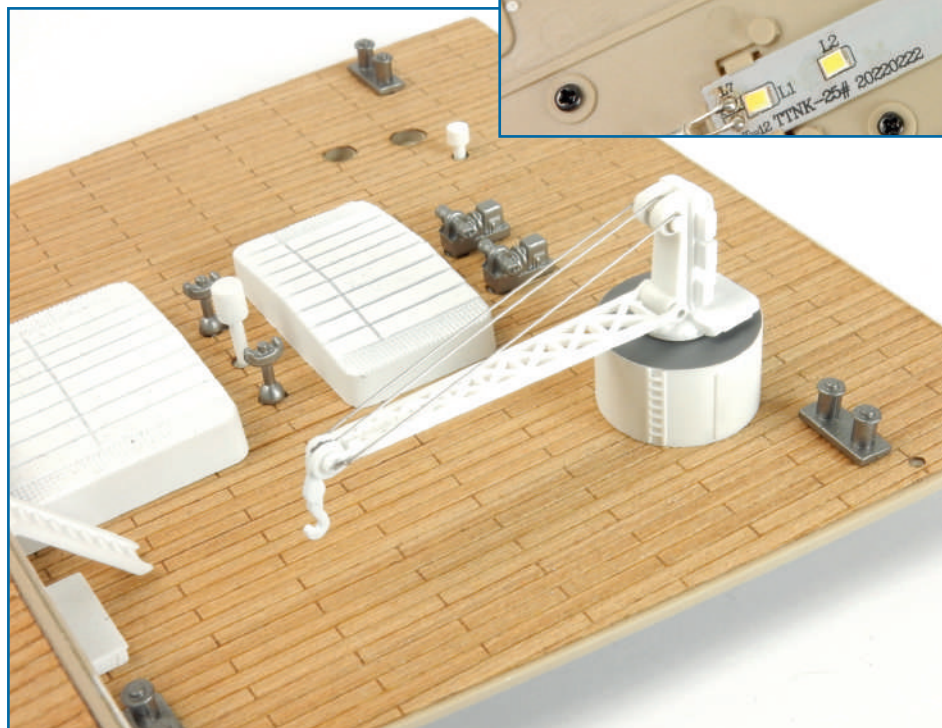
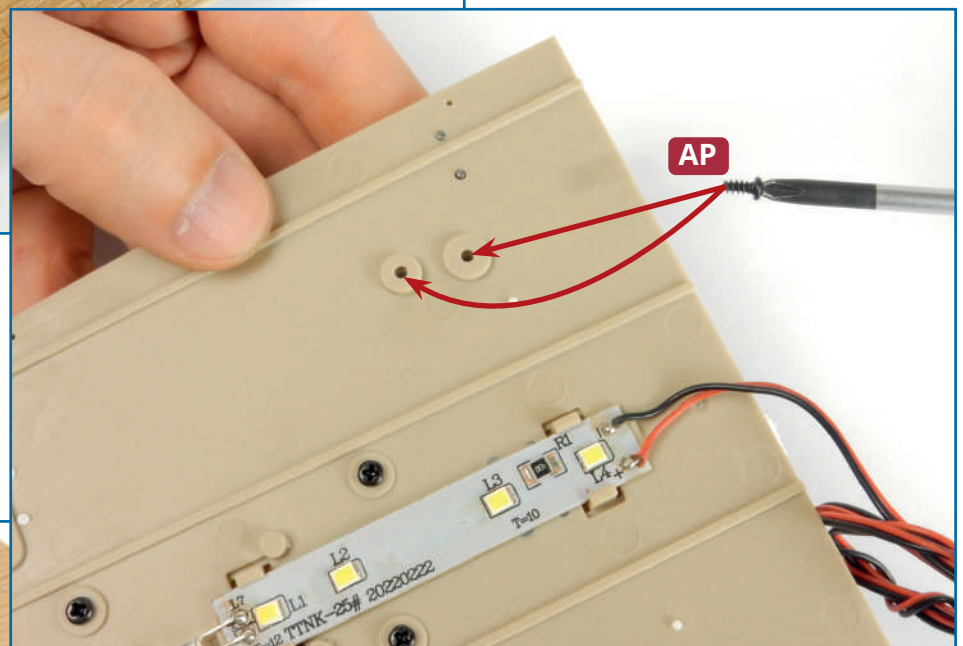
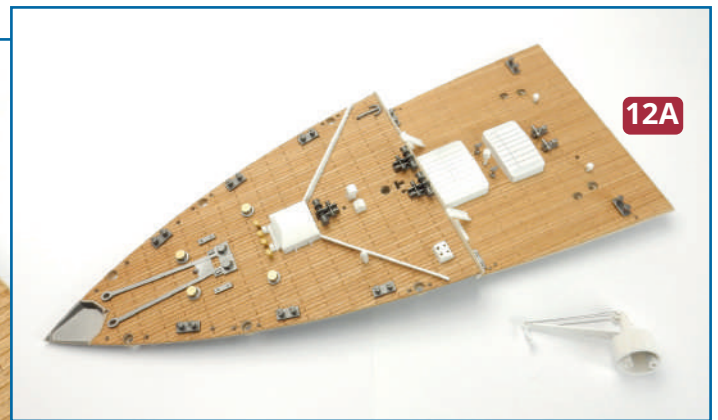
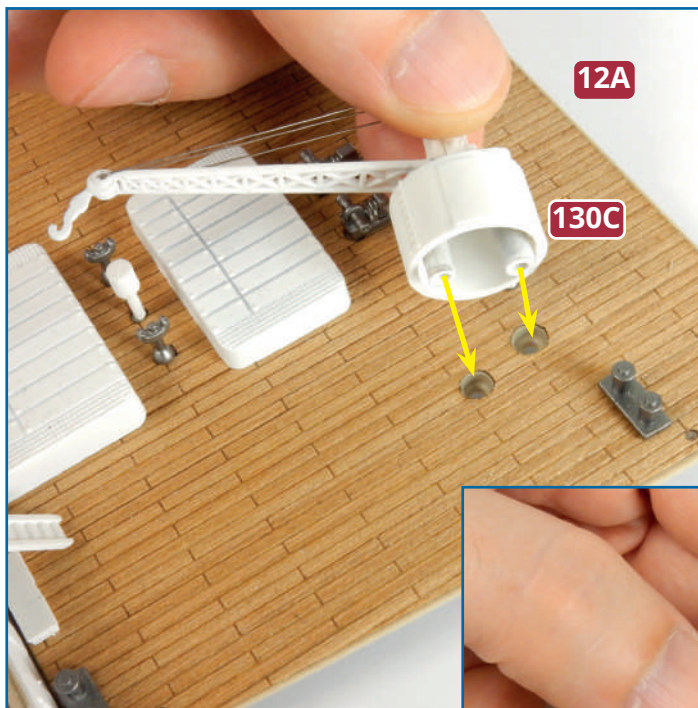
4 Fit the left and right tie rods **130R** and **130S** so that they run along between the upright **130J** and the end of the boom **130G**, as shown. If necessary, fix the tie rods in place with a drop of glue.



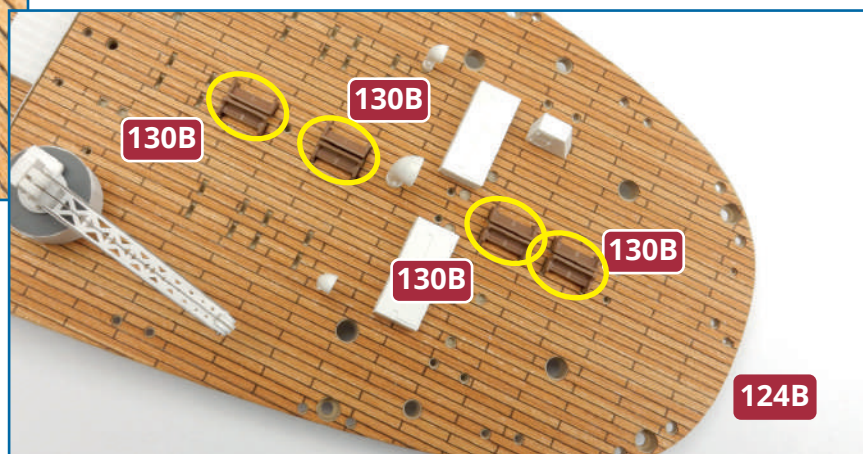
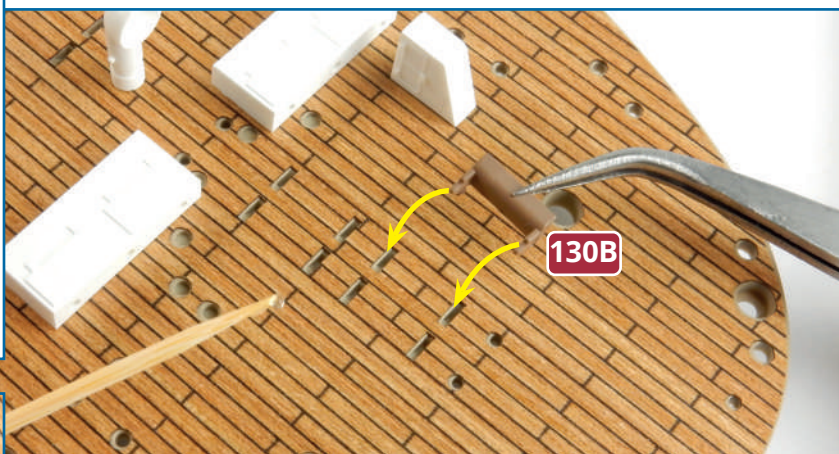
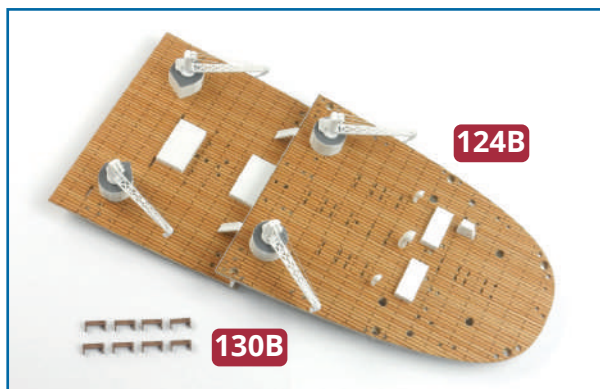
5 Place the assembly on the crane base **130C** and fix in place with an **HP** screw. Do not overtighten the screw, the crane must be free to rotate.



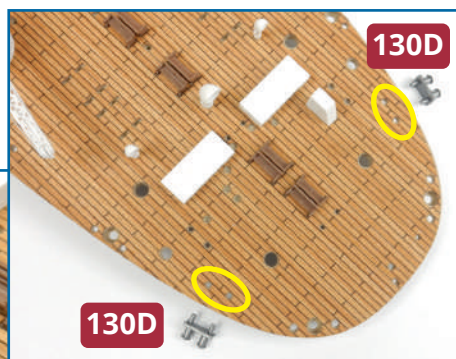
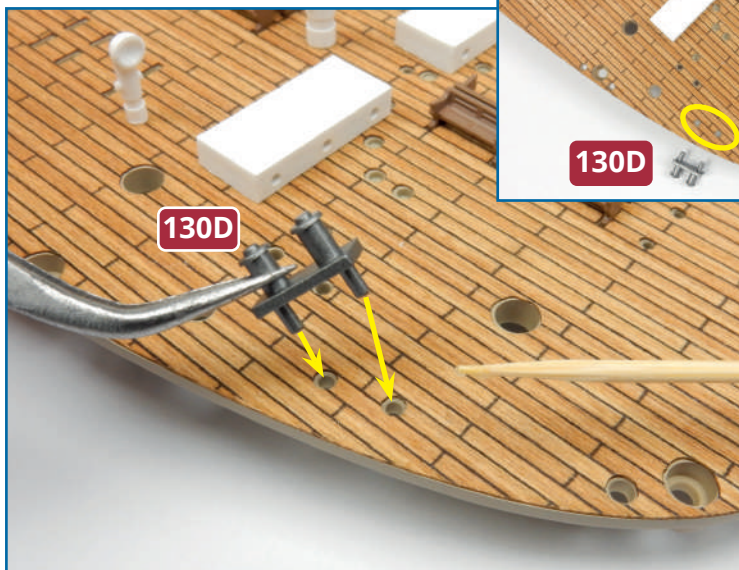
★ STEP-BY-STEP INSTRUCTIONS ★



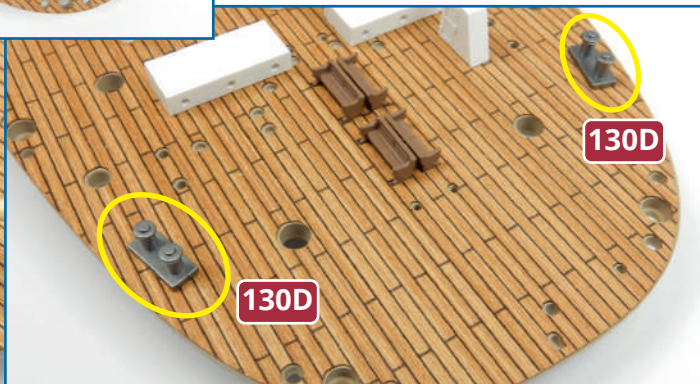
6 Take the forward well deck **12A** and identify the fixing holes for the crane. Position the crane as shown and fix it to the deck with two **AP** screws, inserted from the underside.



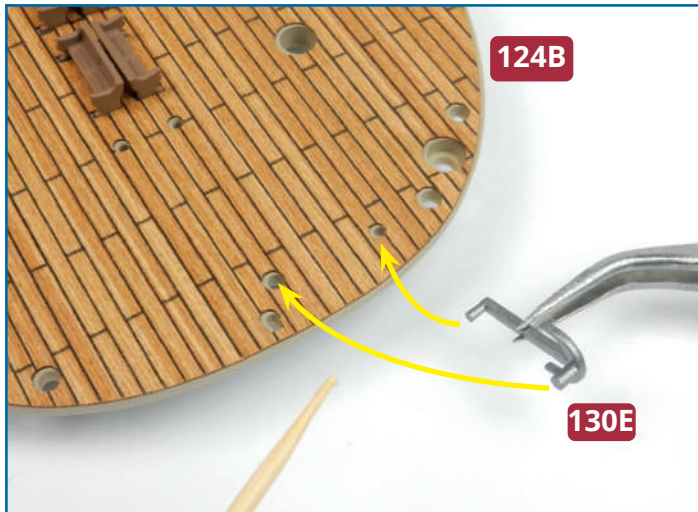
7 Take the poop deck **124B** and the eight benches **130B**. Identify the fixing slots for the benches and fix each one in place, applying a little glue to the tabs on the base of each bench.



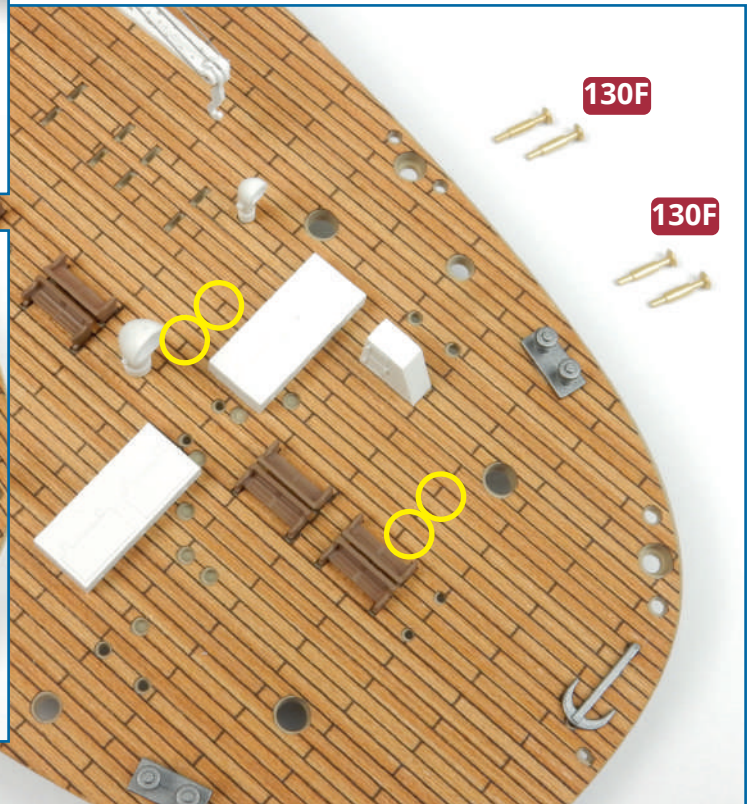
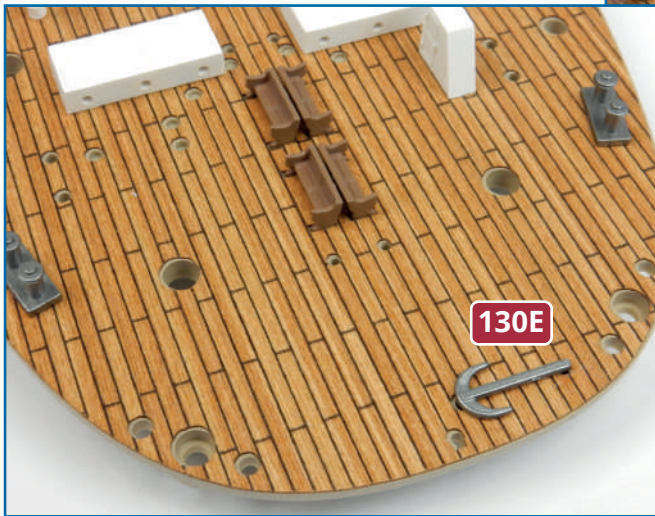
8 The bollards **130D** are fitted on each side of the poop deck **124B** at the points circled in yellow. Apply a little glue to the pegs on the base of each bollard and fix in place.

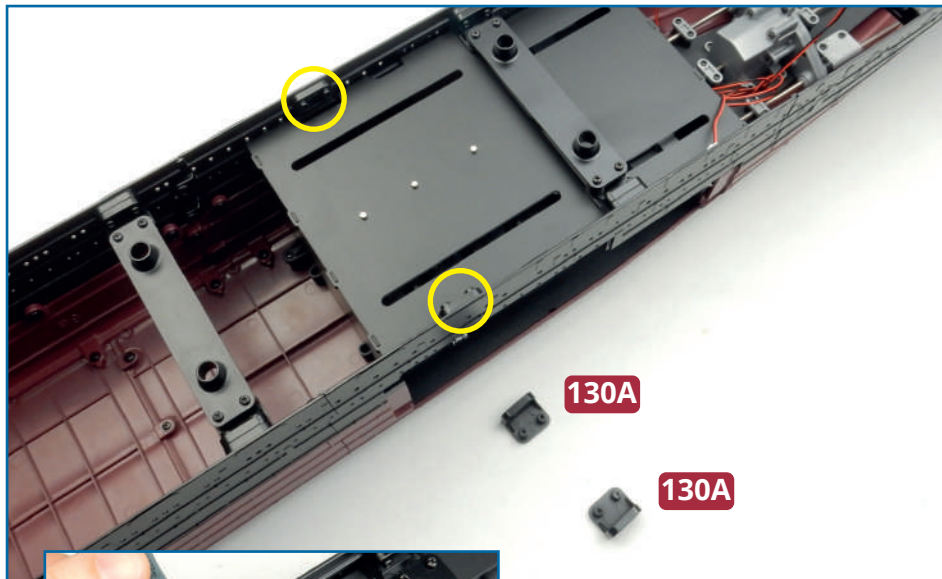


★ STEP-BY-STEP INSTRUCTIONS ★

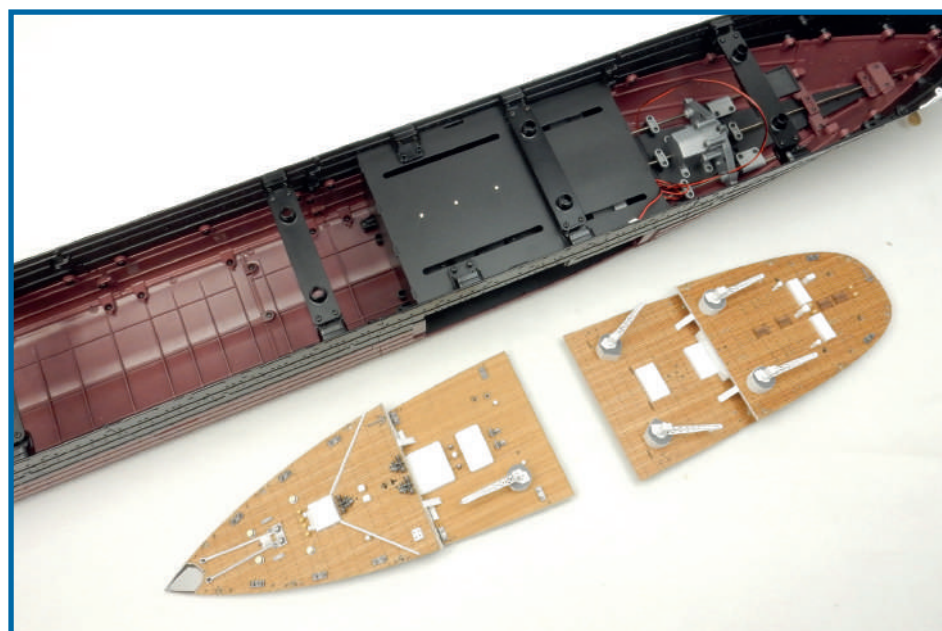
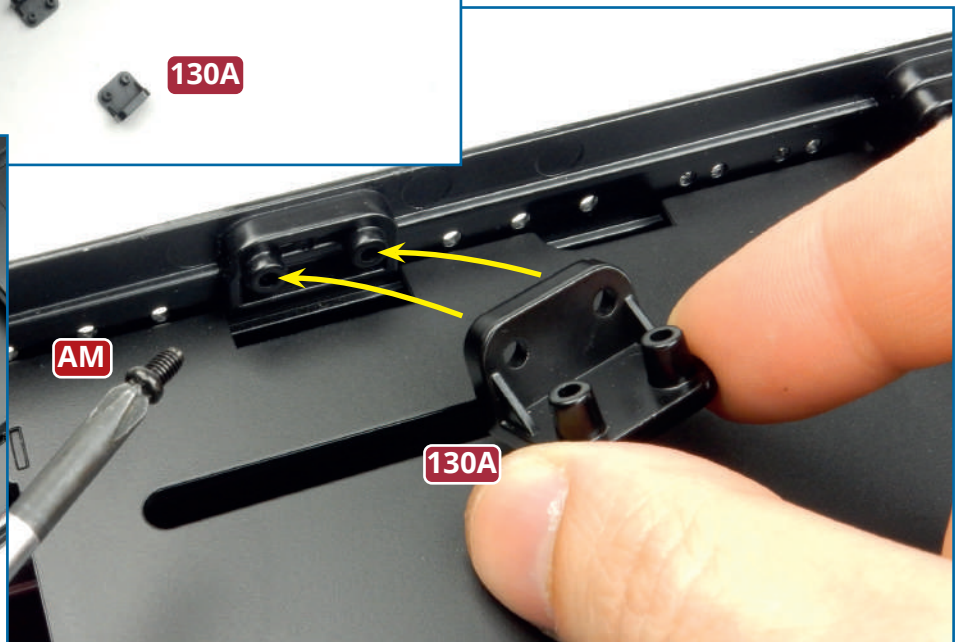
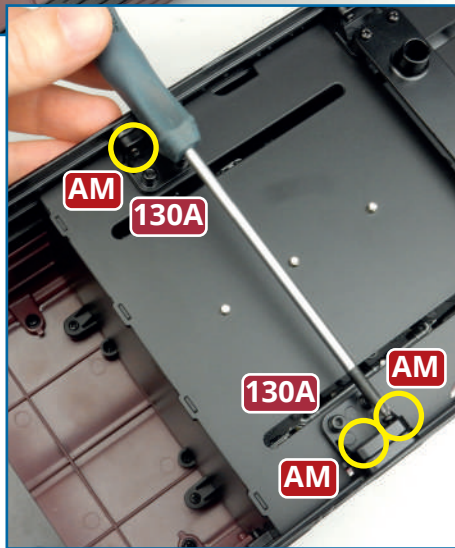


9 Fit the secondary anchor **130E** and the four valves **130F** at points as shown left and below. Apply a little glue to the pegs on each of the parts to fix them in place.





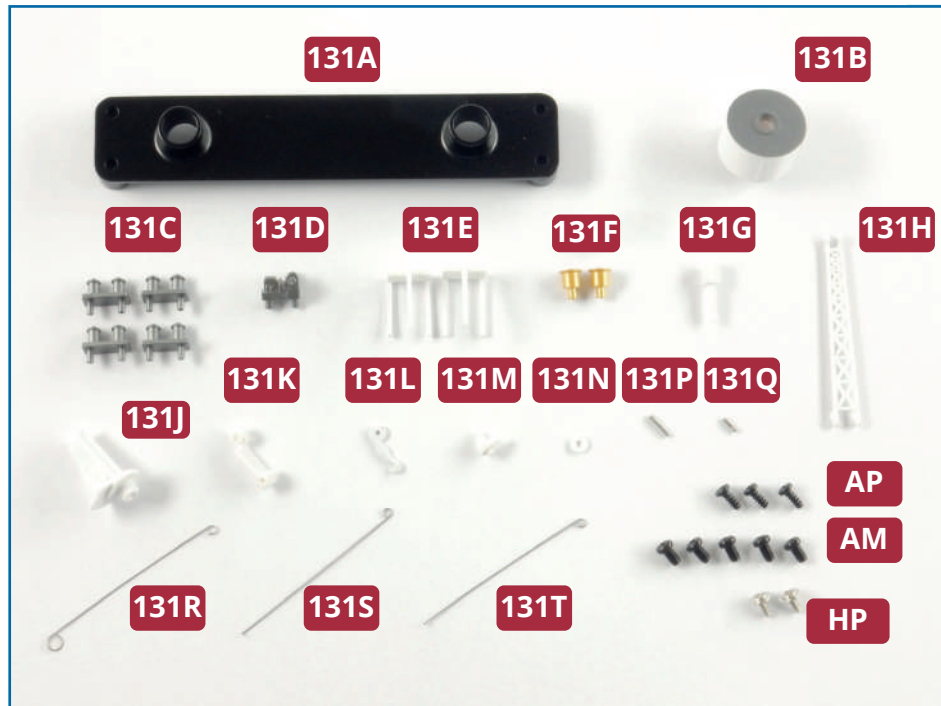
10 Take the hull assembly from the previous issue and the two brackets **130A**. Position the brackets as shown, and fix them to the hull with four **AM** screws.



Completed work

Another crane has been assembled and fixed to the forward well deck. Details have been fitted to the poop deck and brackets have been attached to the hull.

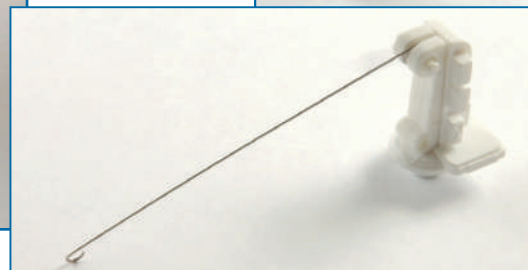
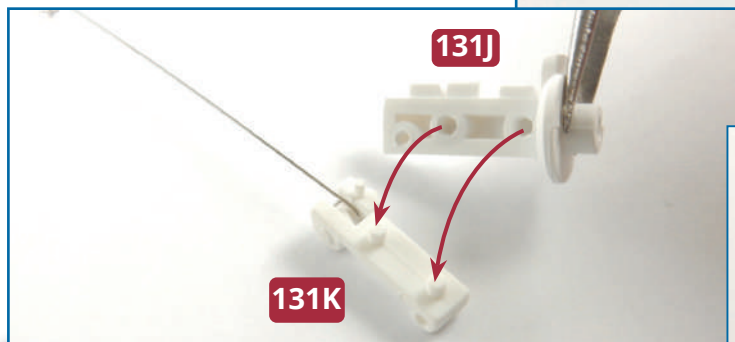
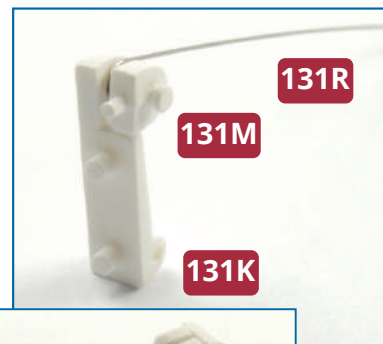
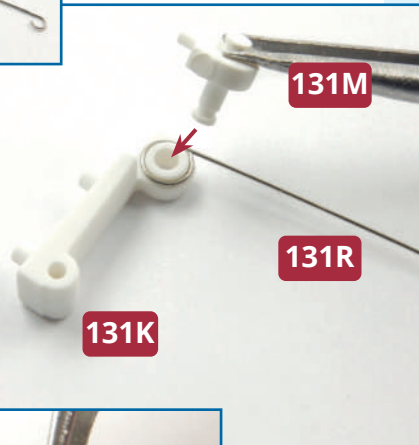
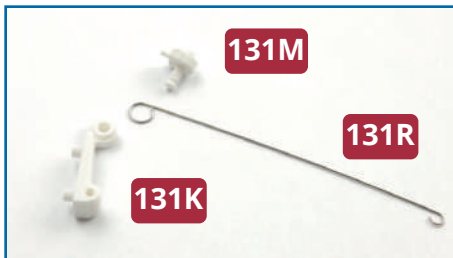
THE SECOND BOW CRANE

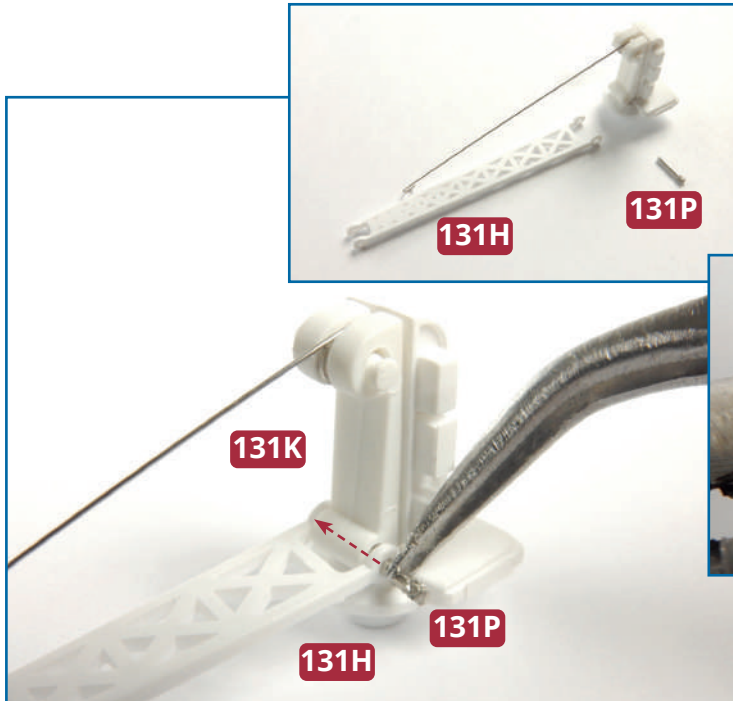


PARTS IN THIS ISSUE

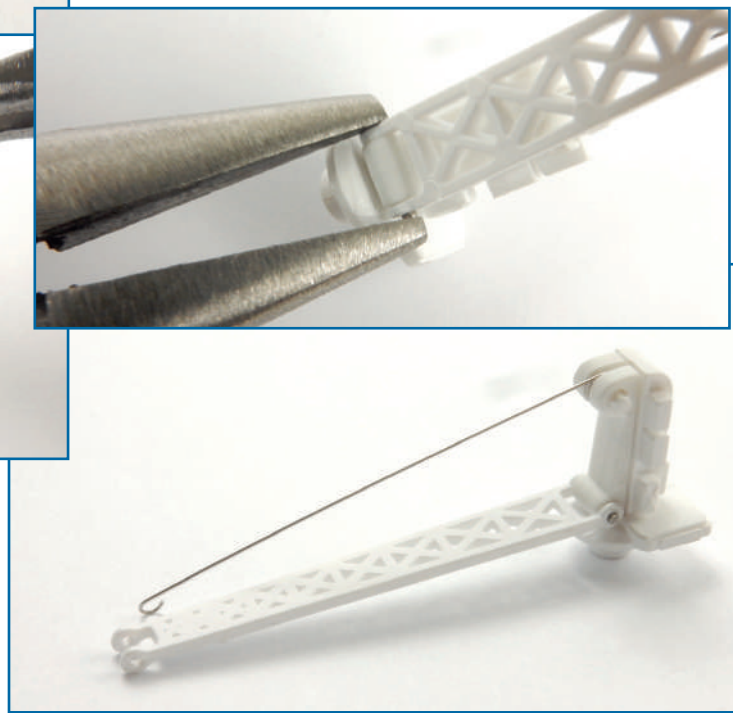
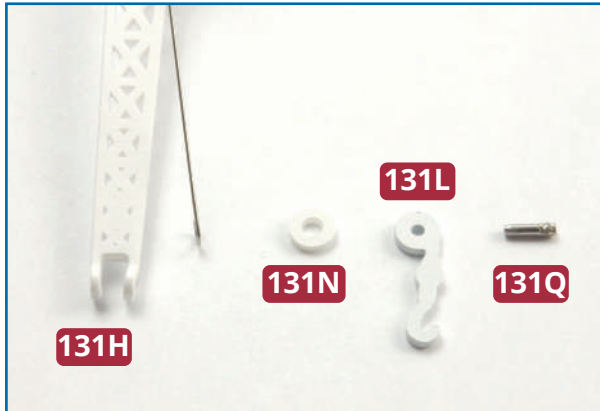
- 131A** Cross support
- 131B** Crane base
- 131C** Bitts (bollards) (x 4)
- 131D** Winch
- 131E** Crane boom supports (x 2)
- 131F** Single bollards (x 2)
- 131G** Air Intake
- 131H** Crane boom
- 131J** Crane motor
- 131K** Crane upright
- 131L** Hook
- 131M** Plastic pin
- 131N** Washer
- 131P** Long pin
- 131Q** Short pin
- 131R** Crane cable
- 131S** Left tie rod
- 131T** Right tie rod
- AP** Three PB screws (1 spare)
- AM** Five PM screws (1 spare)
- HP** Two PWB screws (1 spare)

1 Take parts **131K**, **131M** and **131R**. Fit the large eyelet at one end of the crane cable **131R** to the peg on the upright **131K**. Fit the plastic pin **131M** into the socket in the peg to hold the cable in place. Fix the motor **131J** to the upright **131K**. This is a push-fit connection.

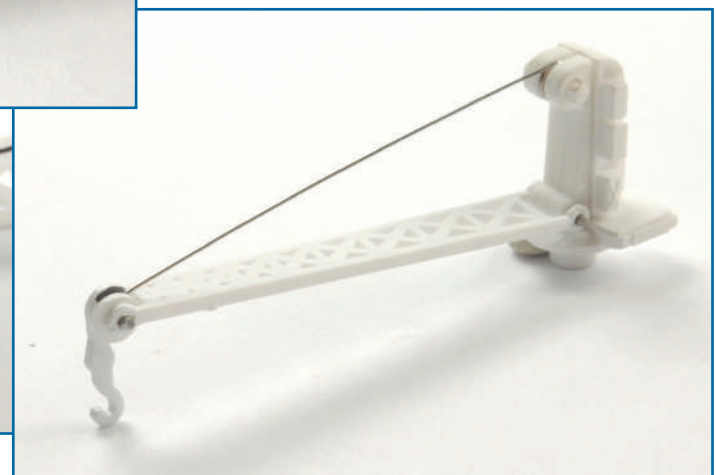
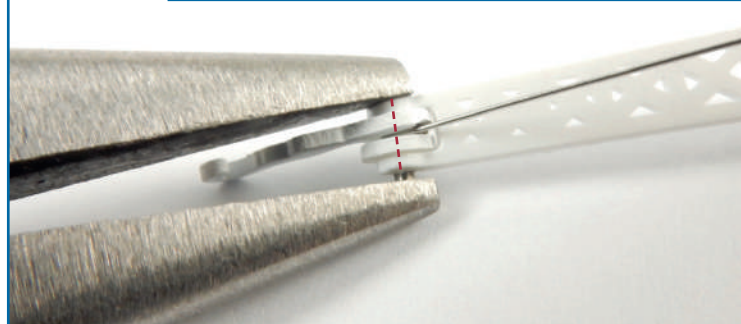
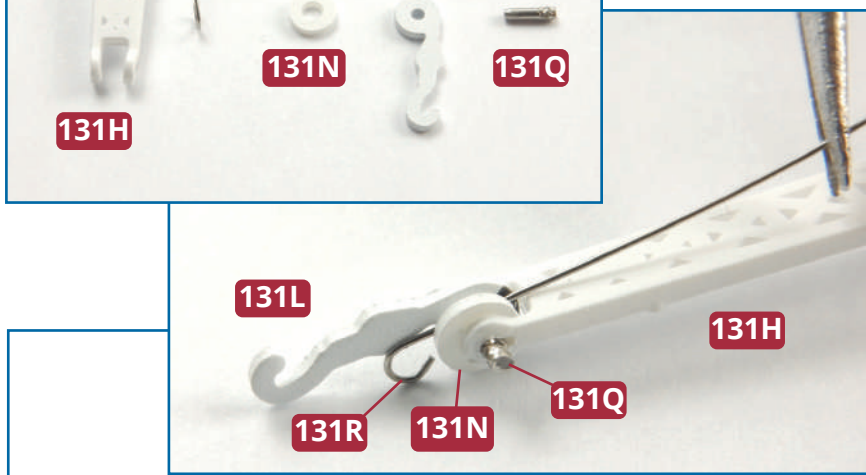




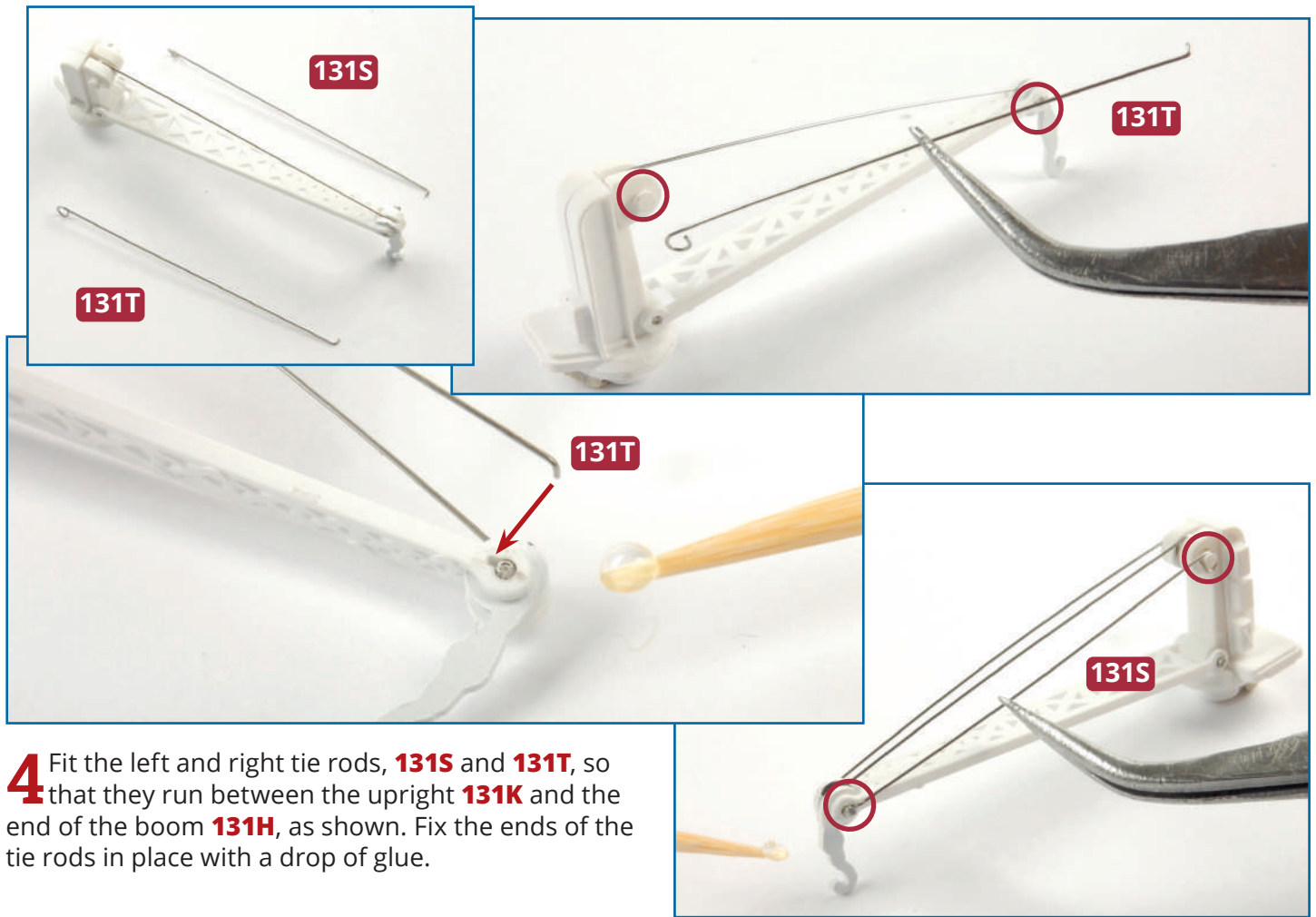
2 Take the crane boom **131H** and the long pin **131P**. Fit the holes in the tabs on the boom to either side of the channel at the base of the upright **131K**. Fix in place with the long pin **131P**, fitting the smooth end first. Use a pair of pliers to push the pin into place.



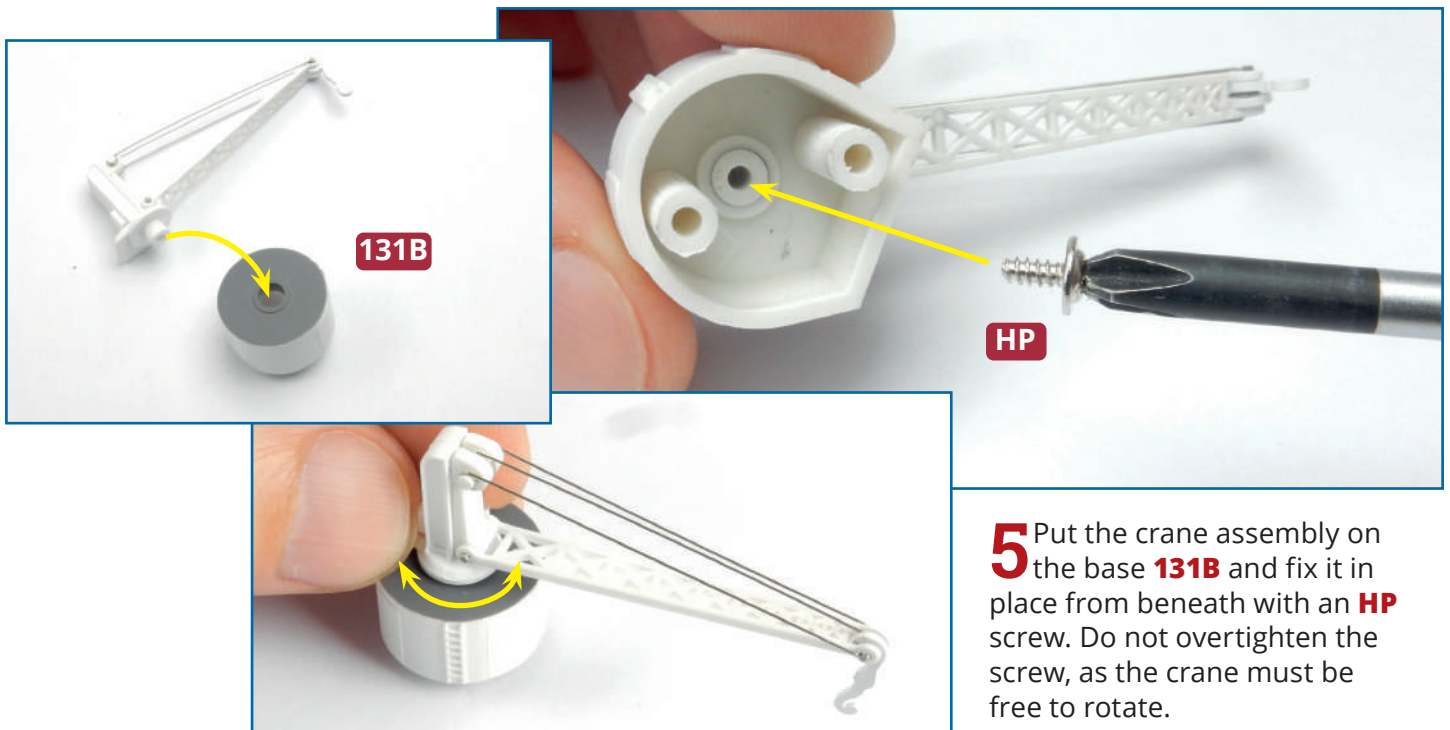
3 Position the hook **131L** and the washer **131N** between the eyelets at the narrow end of the crane boom **131H**. Fit the small eyelet at the end of the cable **131R** between the hook and the washer. Fix in place with the short pin **131Q**. Insert the smooth end first and push into place with the pliers.



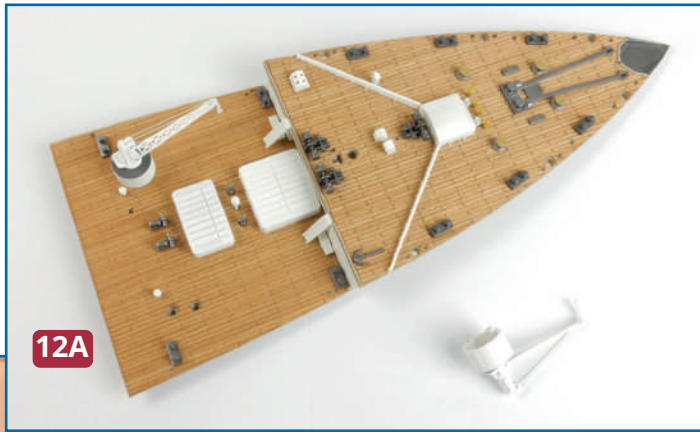
★ STEP-BY-STEP INSTRUCTIONS ★



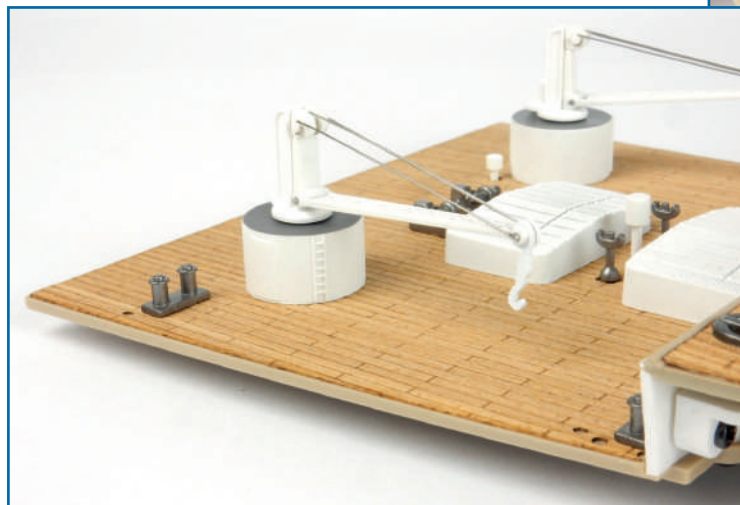
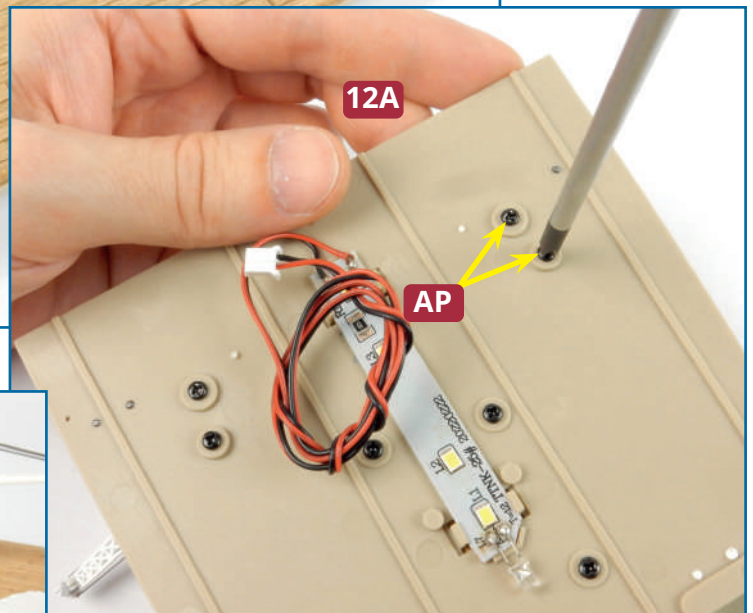
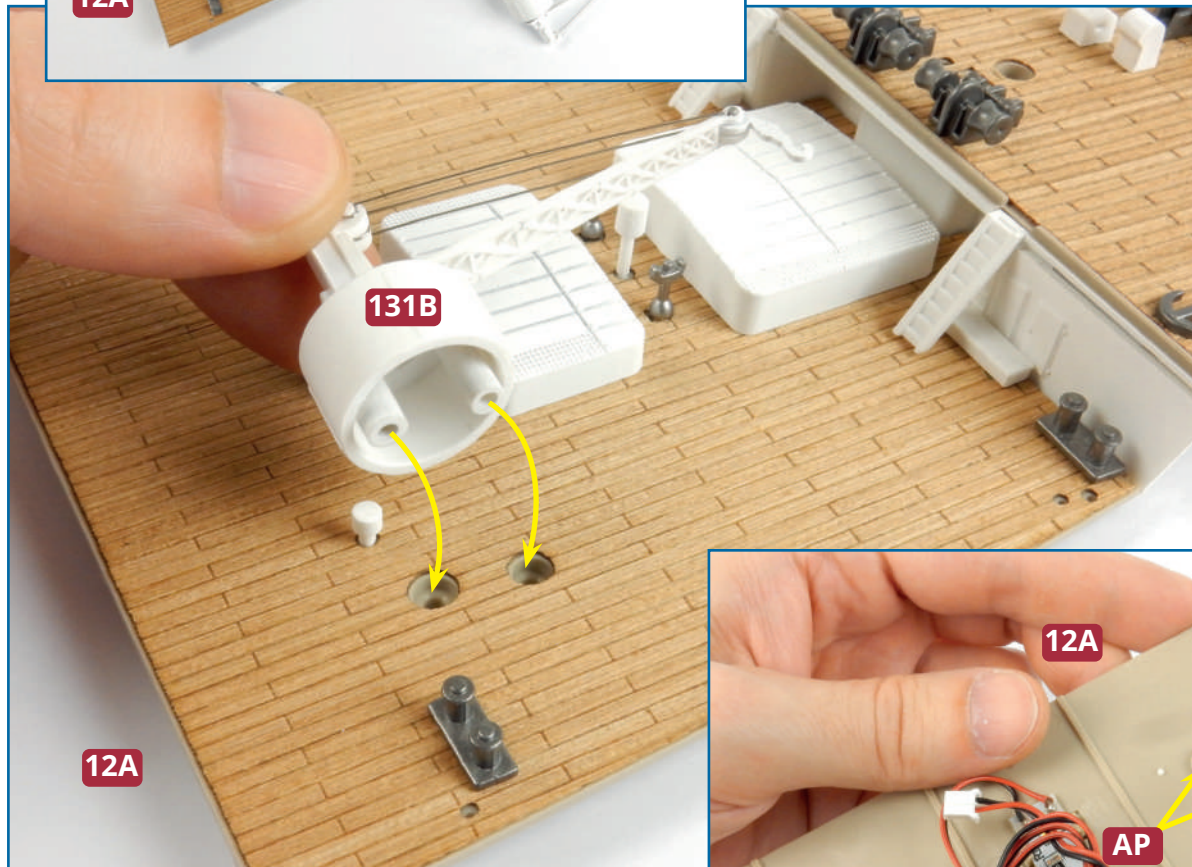
4 Fit the left and right tie rods, **131S** and **131T**, so that they run between the upright **131K** and the end of the boom **131H**, as shown. Fix the ends of the tie rods in place with a drop of glue.



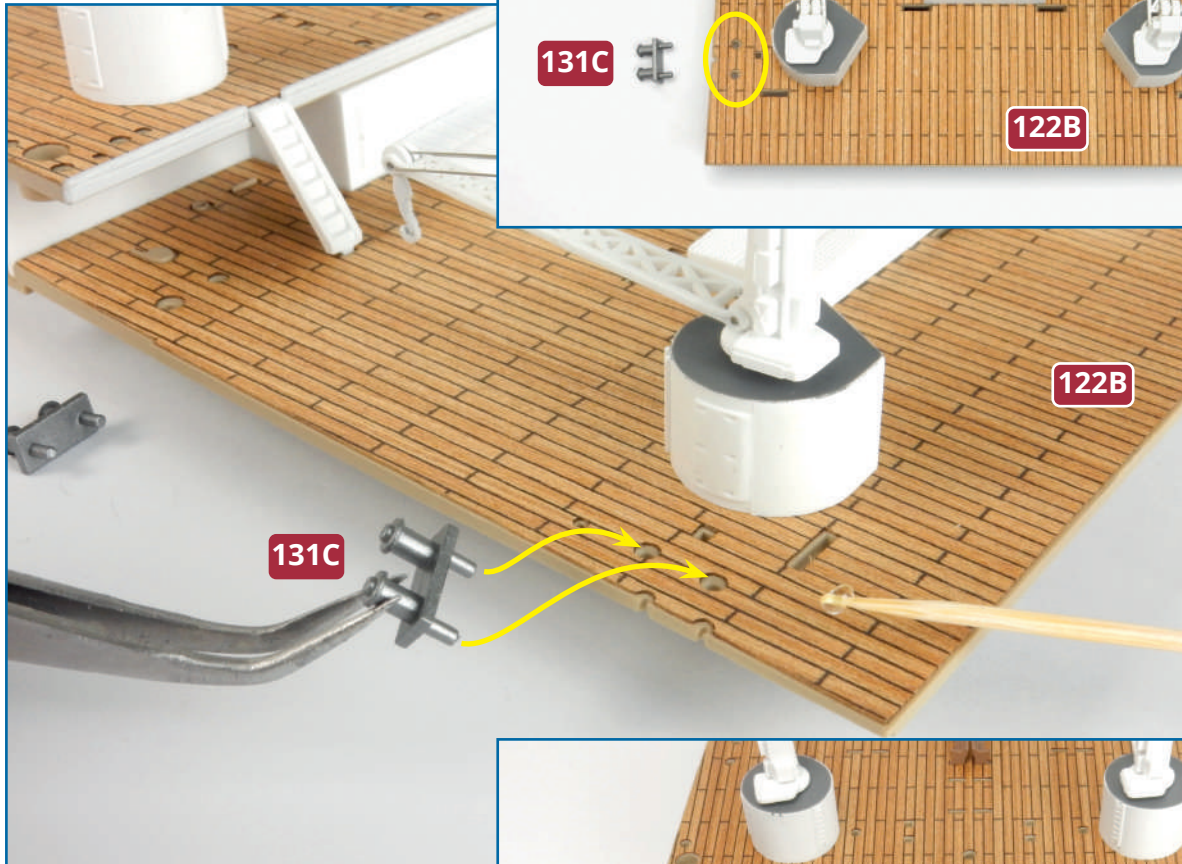
5 Put the crane assembly on the base **131B** and fix it in place from beneath with an **HP** screw. Do not overtighten the screw, as the crane must be free to rotate.



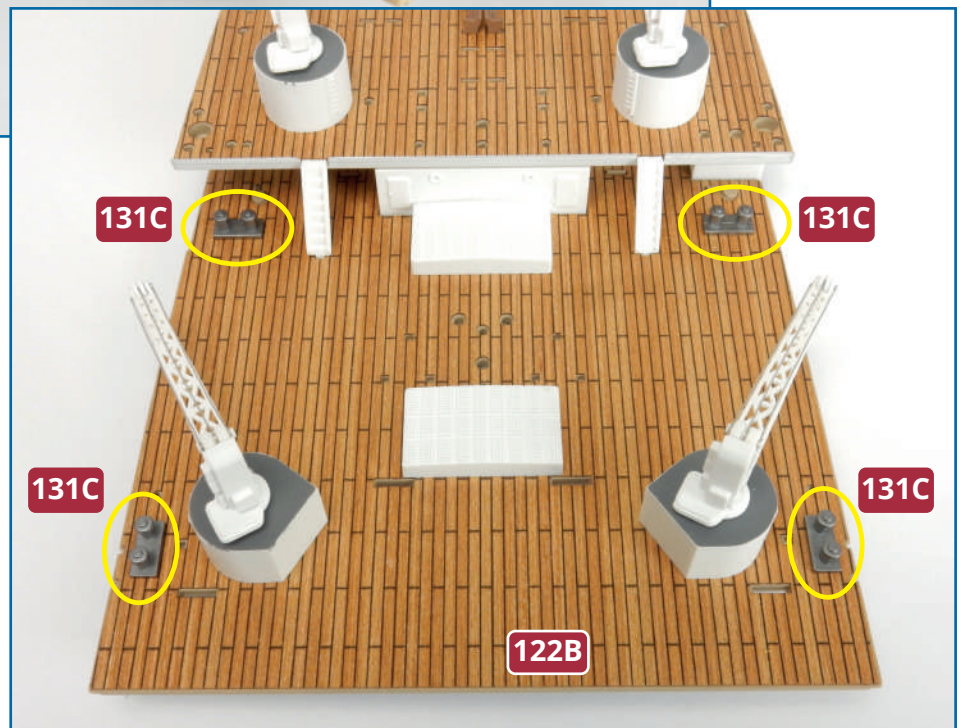
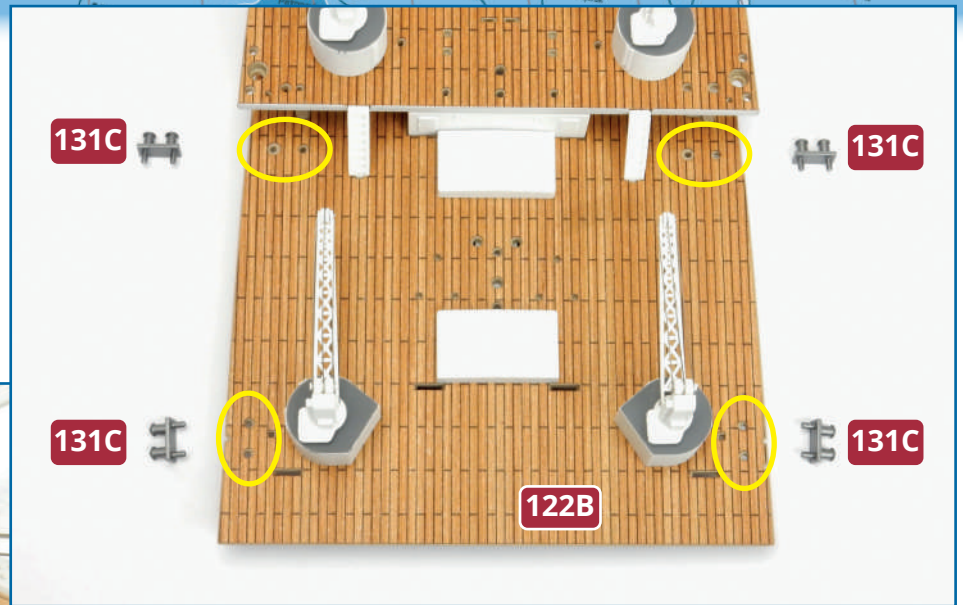
6 Identify the position for the crane on the forward well deck **12A**. Position the crane as shown below, and fix it in place with two **AP** screws.

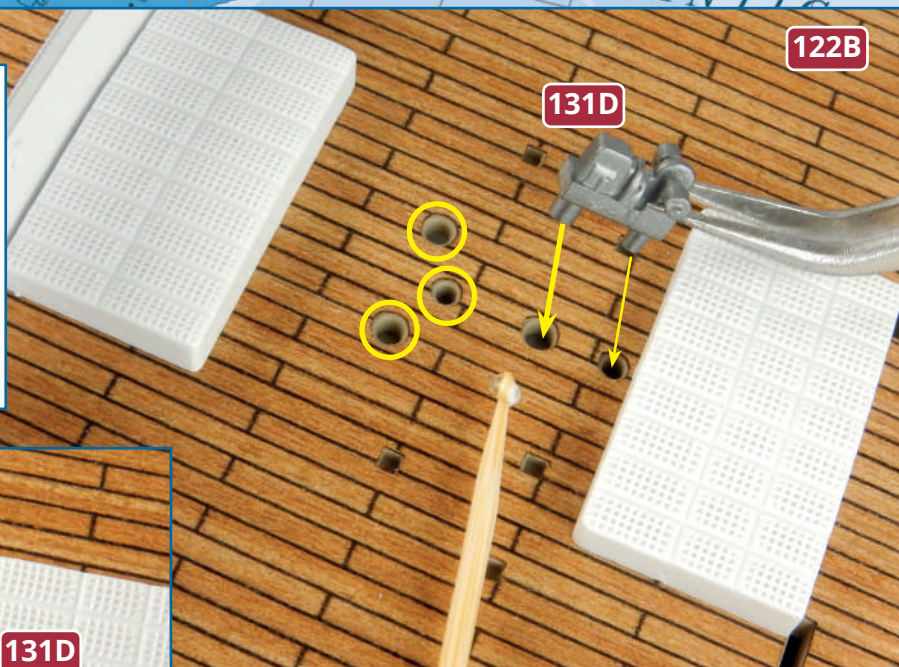
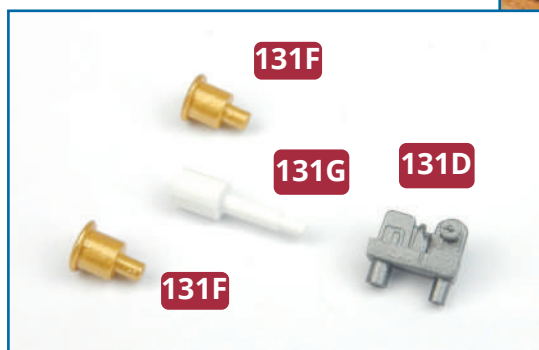


★ STEP-BY-STEP INSTRUCTIONS ★

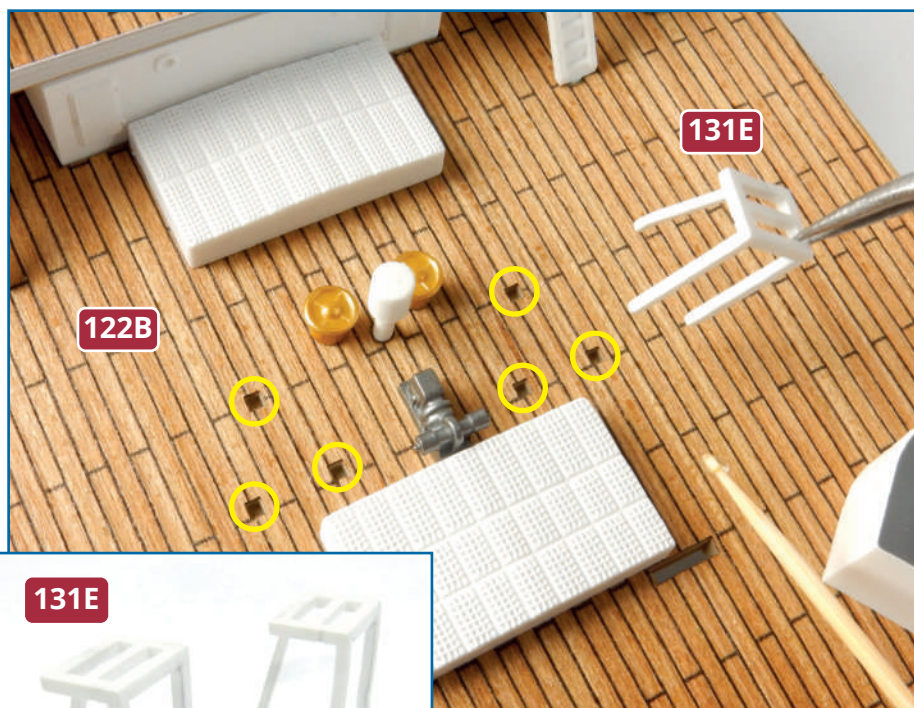


7 Take the four double bollards **131C** and fit them in place on the aft well deck **122B** at the positions circled (top). Apply a little glue to the pegs to hold them in place.

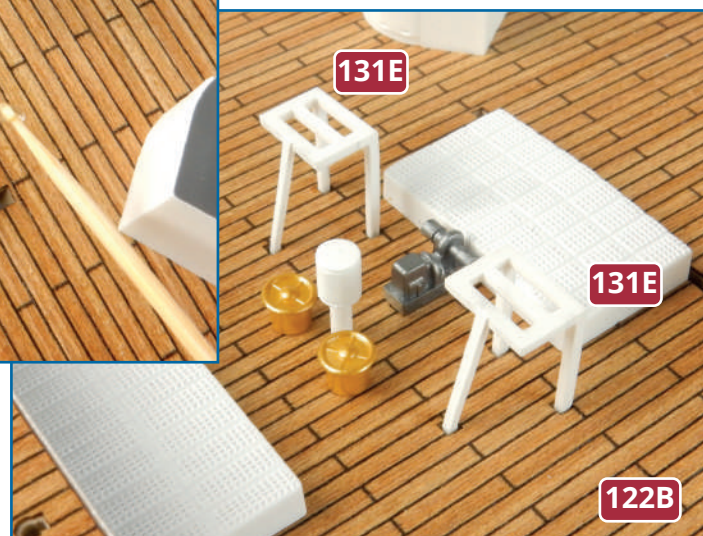




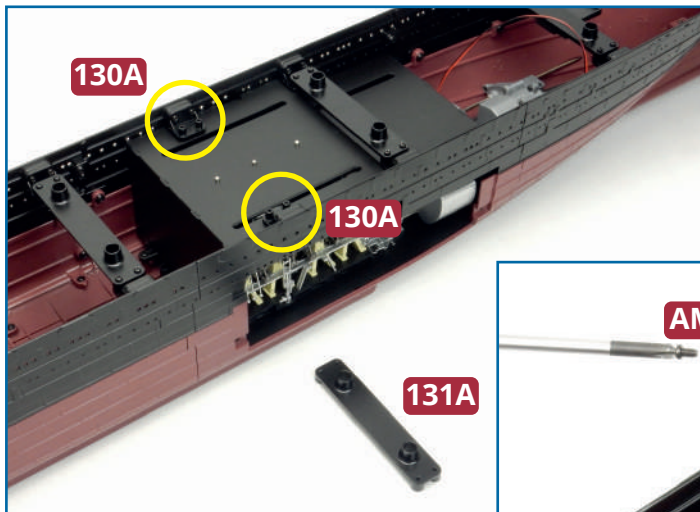
8 Identify the fixing points for the winch **131D**, the two single bollards **131F** and the air intake **131G**. Note that one peg on the winch is larger, to help you fit it the correct way round. Apply a little glue to the pegs on each part and fix in place, as shown.



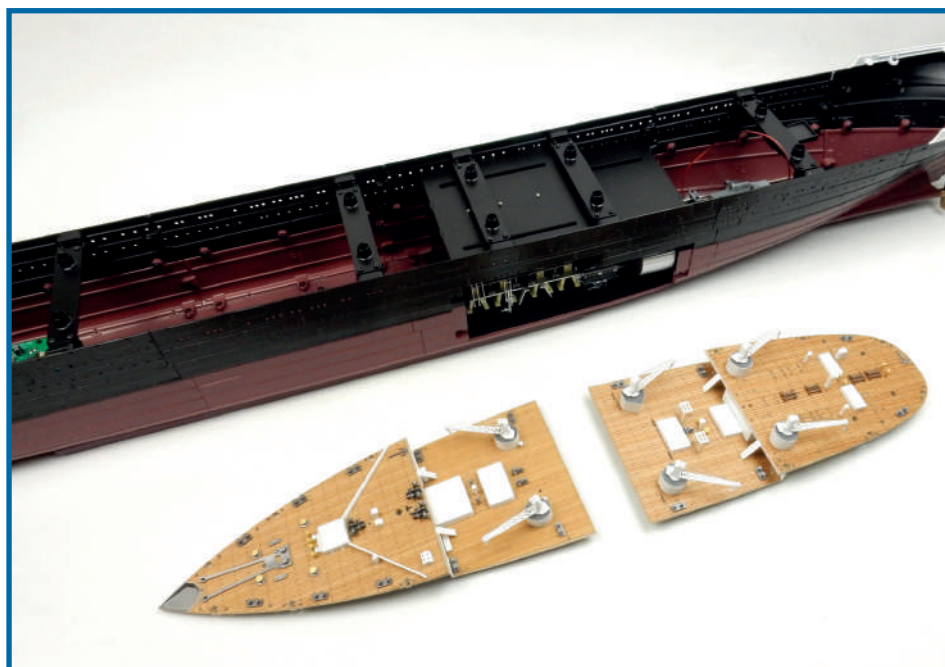
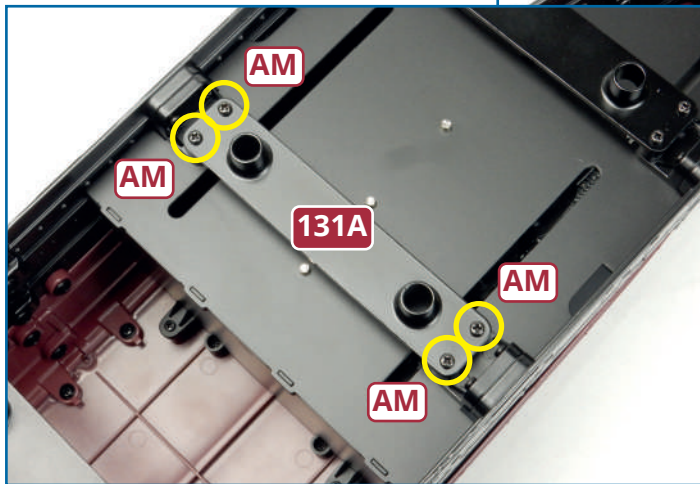
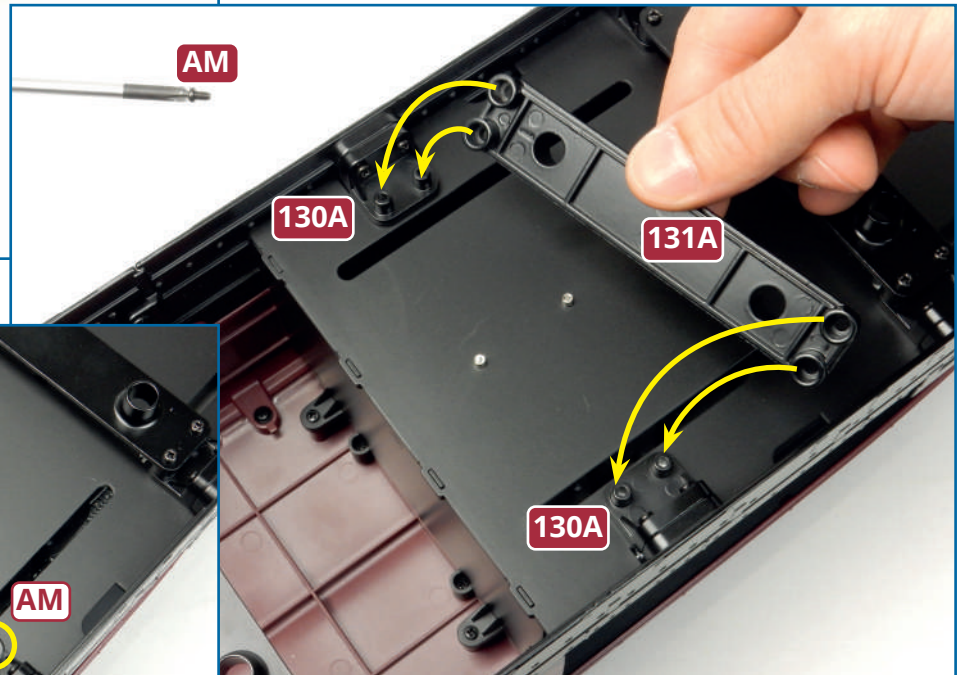
9 Finally, check how the crane boom supports **131E** fit into the sockets on the aft well deck **122B**. apply a little glue to the pegs and fix them in place.



★ STEP-BY-STEP INSTRUCTIONS ★

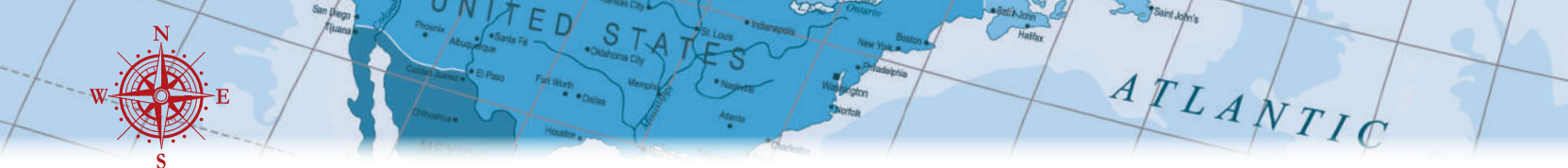


10 Take the cross support **131A** and fit it onto the brackets **130A** on either side of the hull. Fix part **131A** in place with two **AM** screws on each side.



Completed work

The last crane has been fitted to the forward well deck and details have been fixed to the aft well deck. A support has been fitted to the hull.

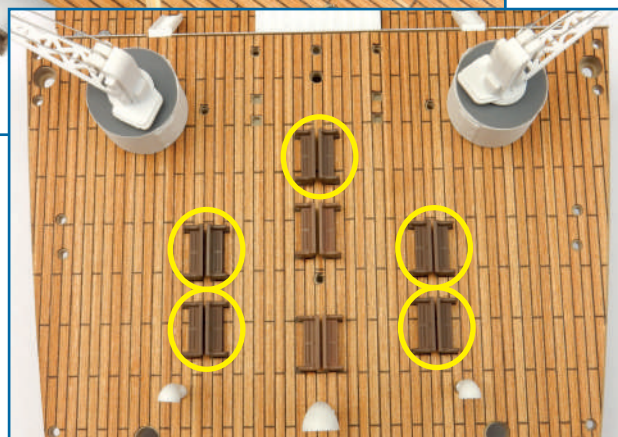
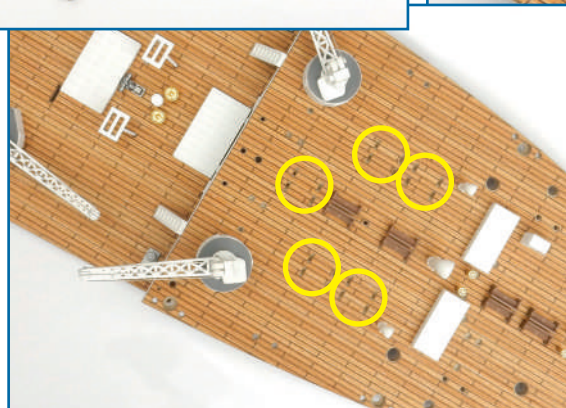
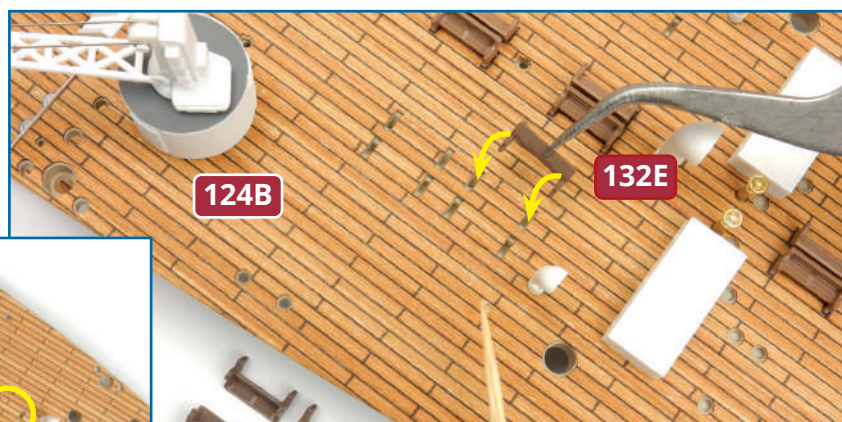


FITTING THE FIRST SCREW EYES



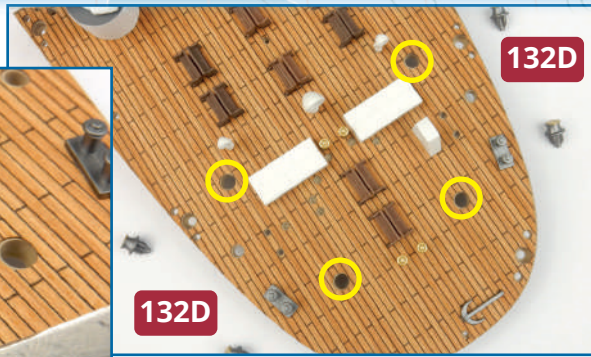
PARTS IN THIS ISSUE

- 132A** Pin vice
- 132B** Air vents x 5
- 132C** Bits (double bollards) x 4
- 132D** Single bollards x 4
- 132E** Benches x 10
- 132F** Screw eye tool
- 132H** Crane boom support
- 132J** Drill bit
- 132K** Winch store
- 132L** Winch store
- 132M** Winch
- 132N** Twelve screw eyes (plus 1 spare)

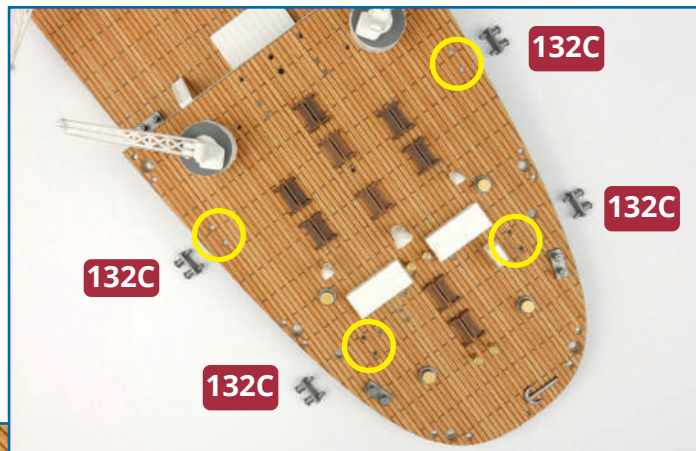
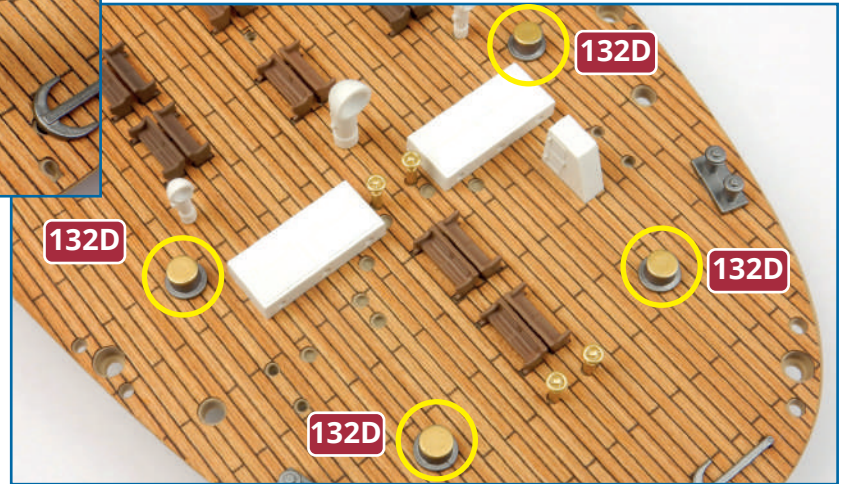


1 Take the ten benches **132E** and identify the fixing points on the aft deck **124B**. Apply a little glue and fix them in place, as shown.

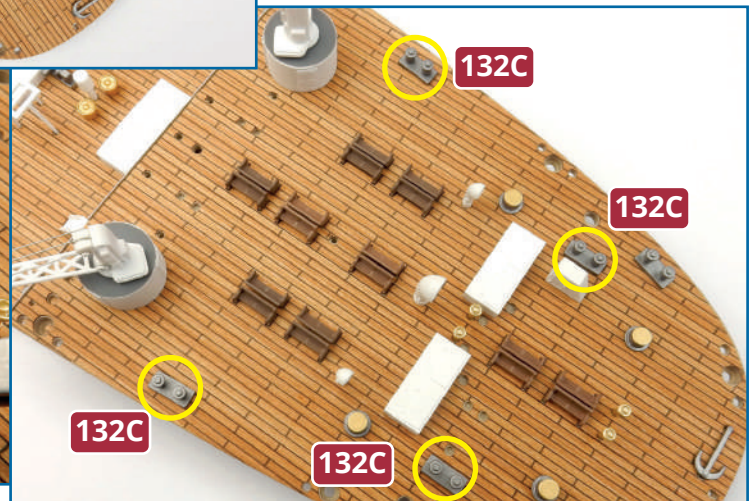
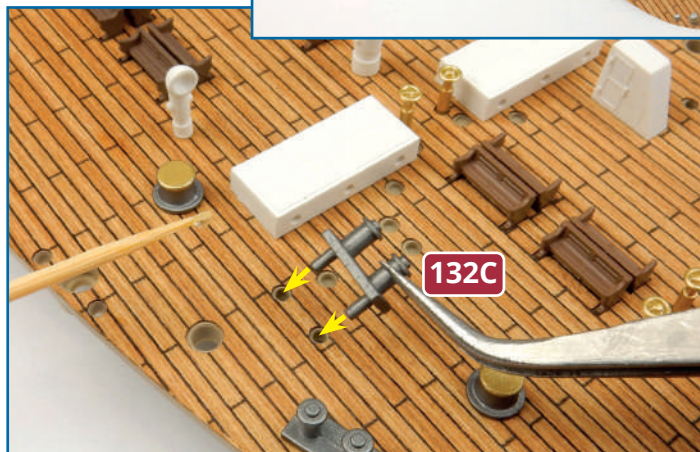
★ STEP-BY-STEP INSTRUCTIONS ★

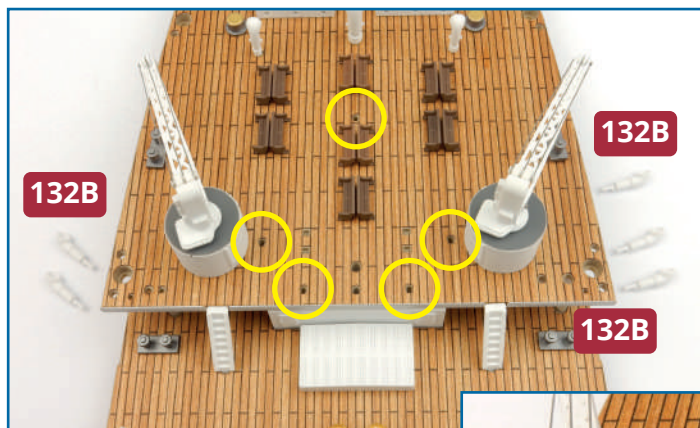


2 Take the four single bollards **132D** and fit them in the large holes in the poop deck. Use a little glue if necessary.

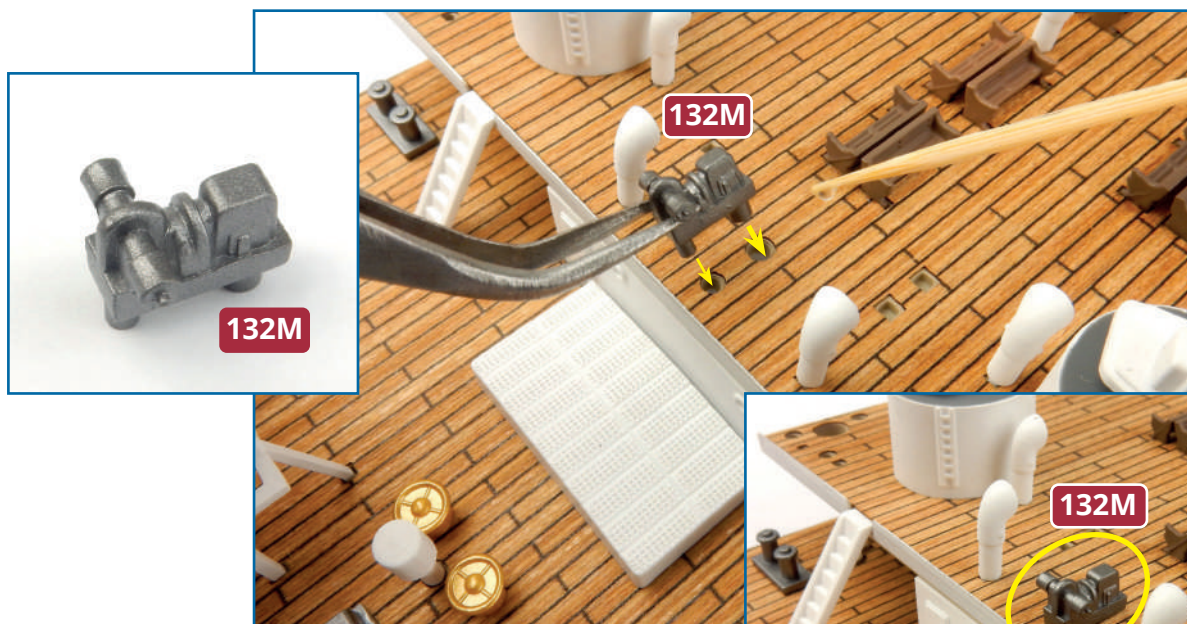
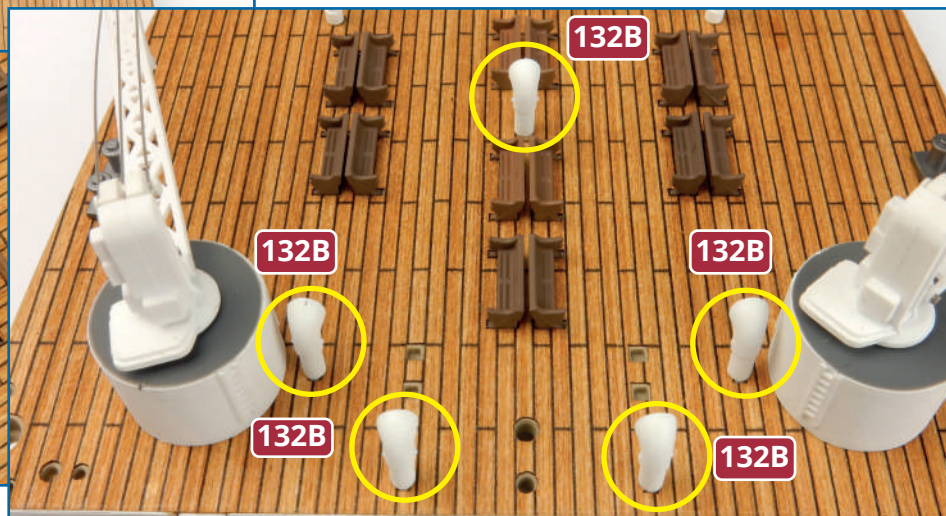


3 Fit the double bollards **132C** in the positions indicated. Fix them in place with a little glue.

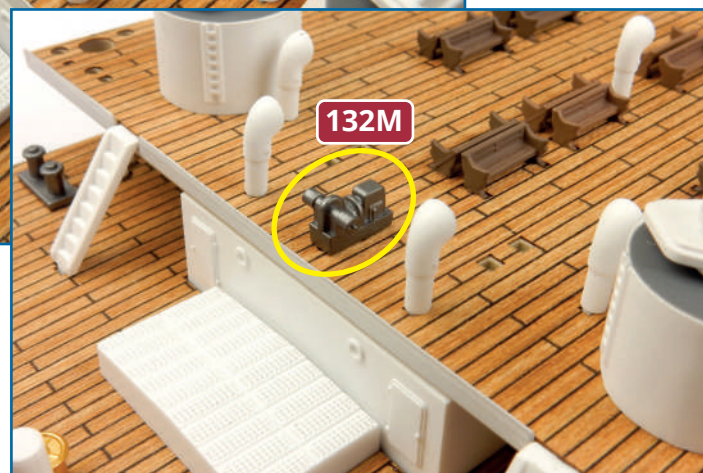




4 Identify the holes where the five vents **132B** are fitted. Use a little glue to fix them in place if necessary.

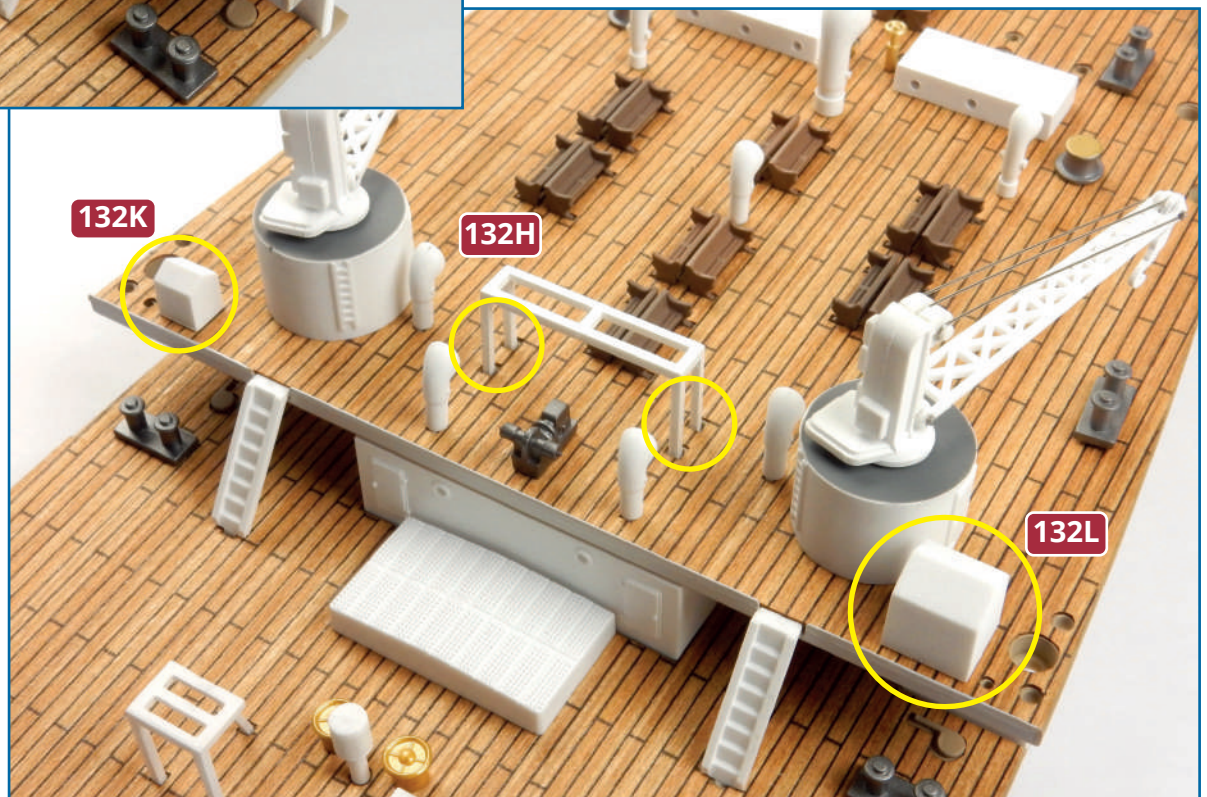
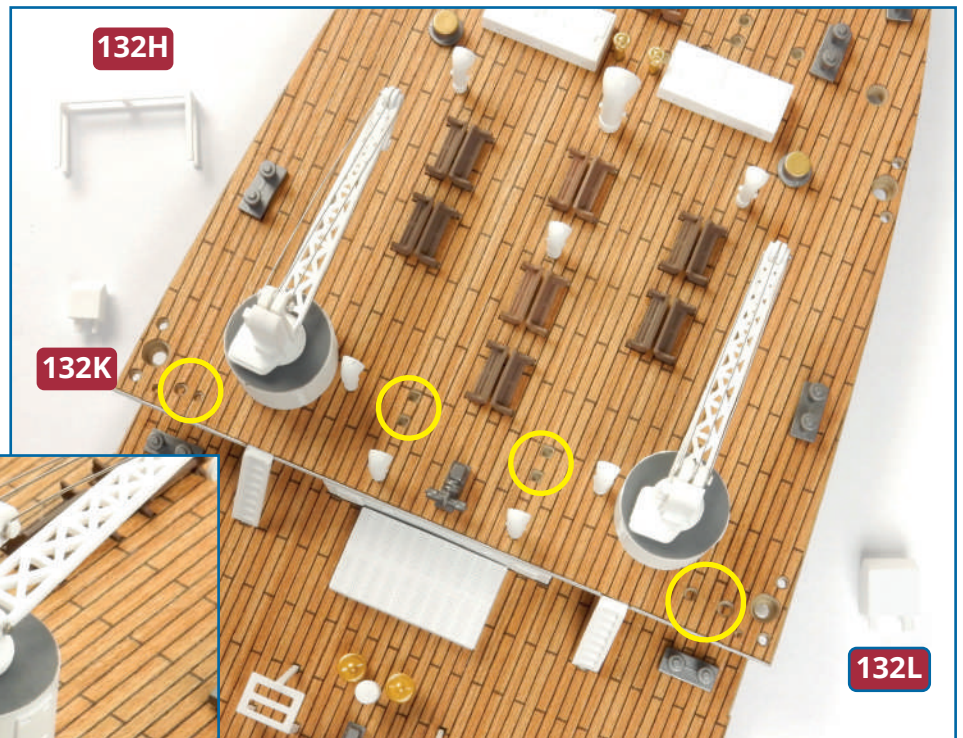


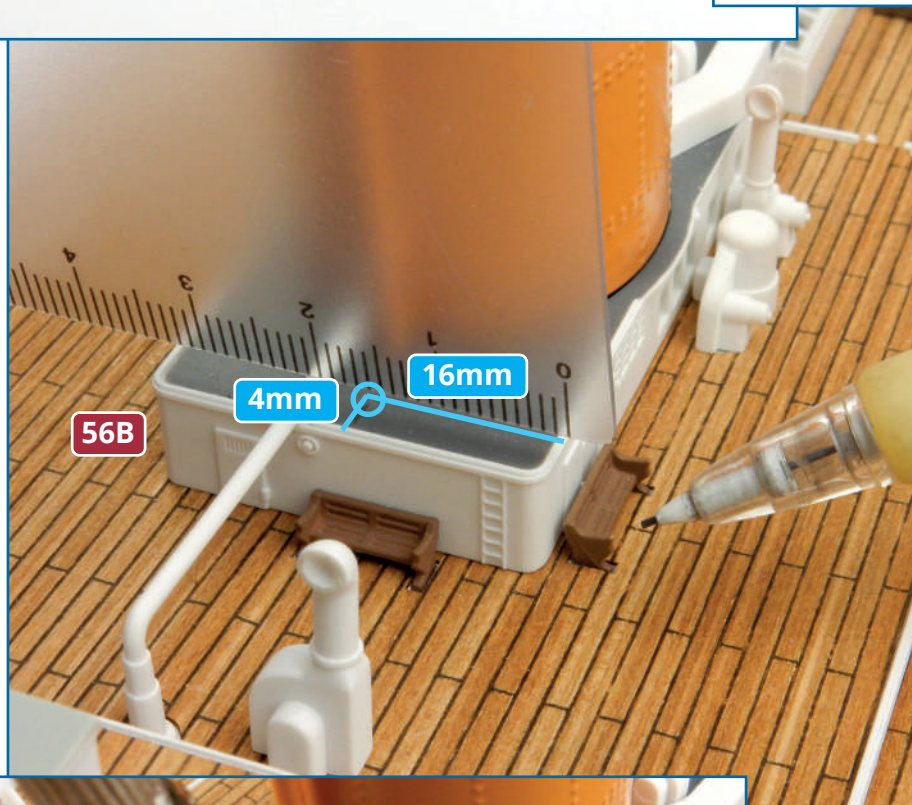
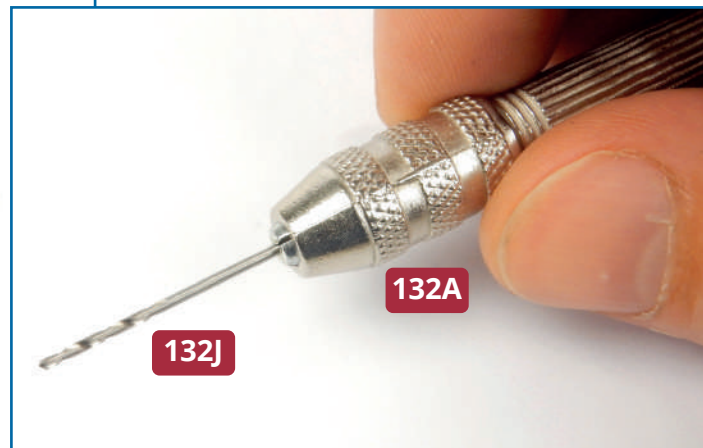
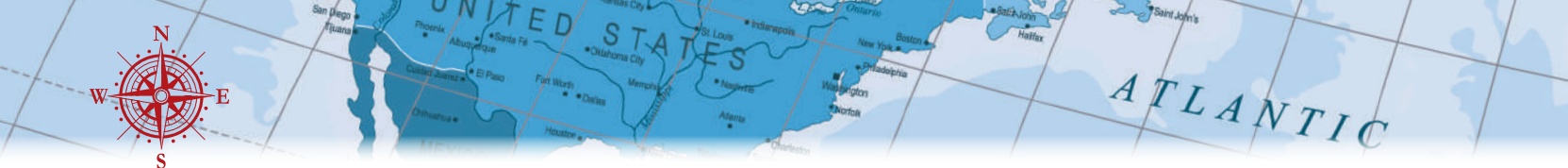
5 Fix the winch **132M** in place as shown at the forward end of the poop deck. The pegs and corresponding holes are different sizes to help you fit it the correct way round.



★ STEP-BY-STEP INSTRUCTIONS ★

6 Finally identify the fixing points for the winch store covers **132K** and **132L** and the crane boom support **132H**. Fix them in place with a little glue.

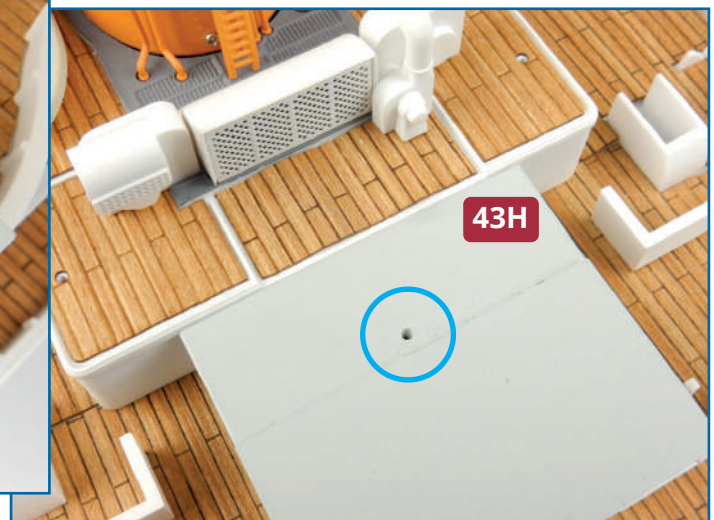
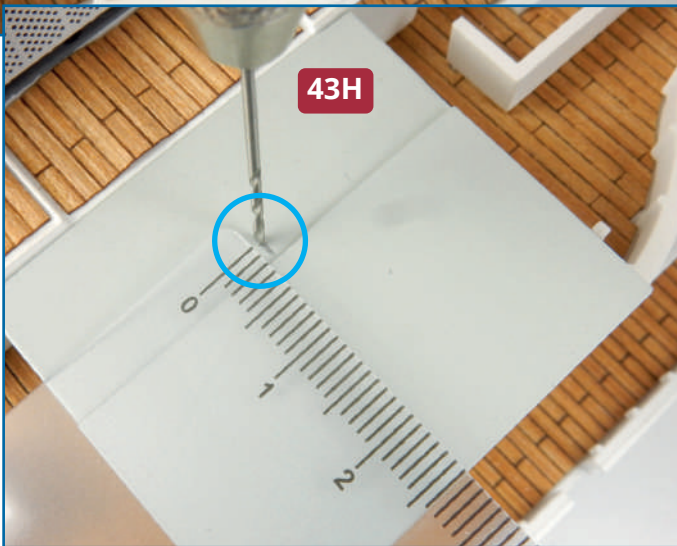
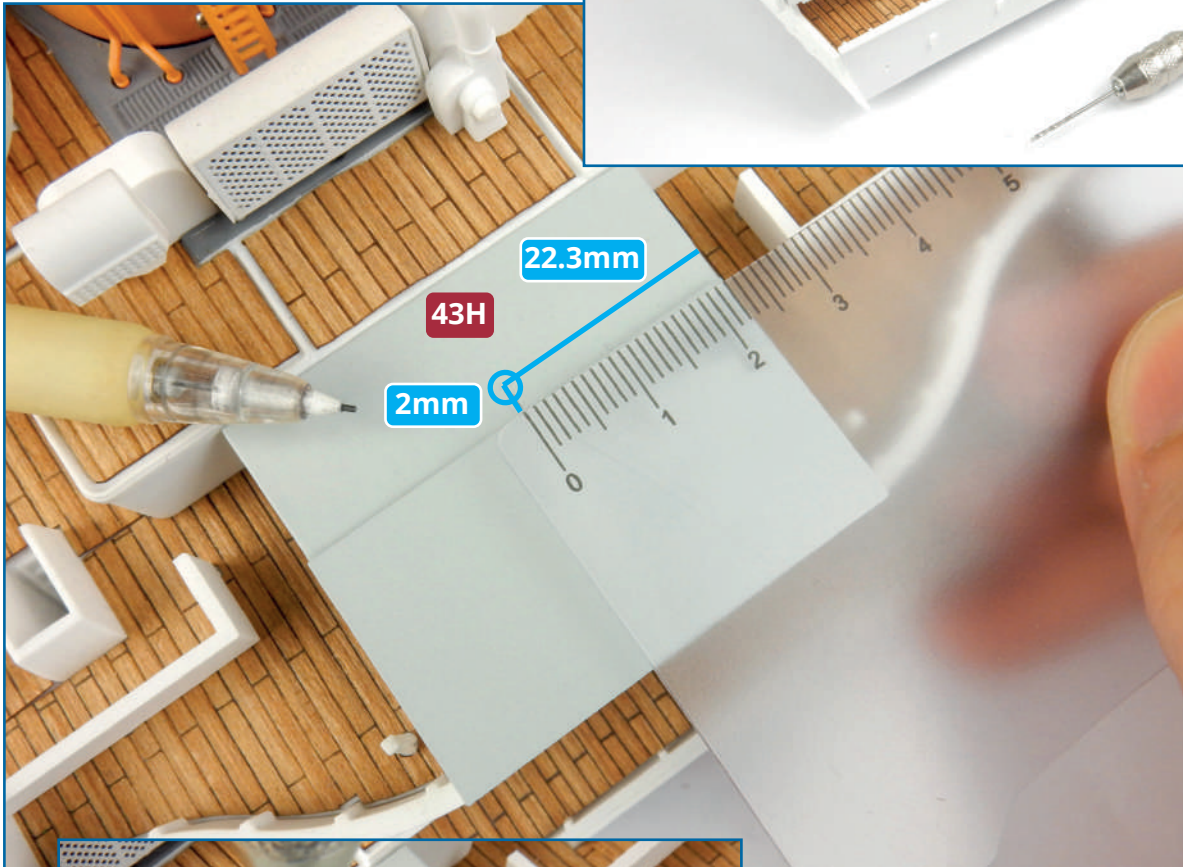
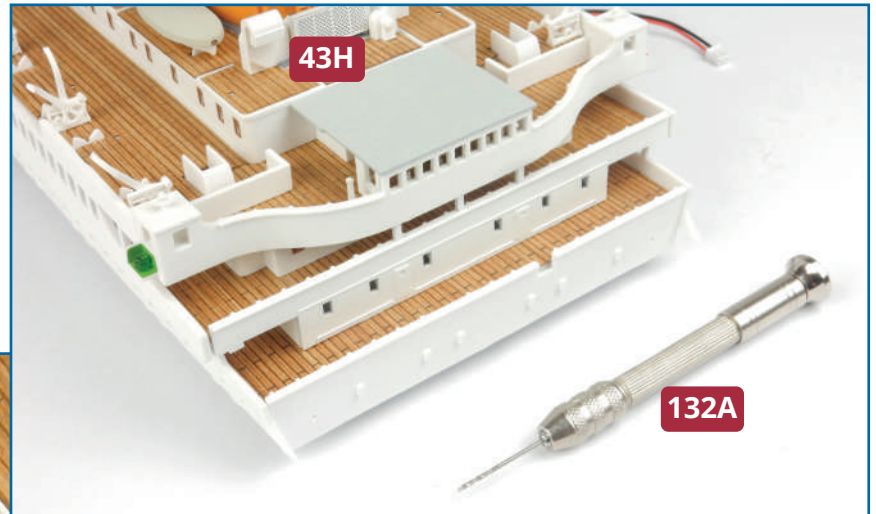




7 Take the pin vice **132A** apart by unscrewing the two ends. Inside you will find two collets. Fit the drill bit **132J** into the smallest of the four collet openings. The drill is used to make holes for the screw eyes, which will anchor the rigging. Use a very fine pencil to make a mark on the base of the fourth funnel **56B**, following the measurements shown. Drill a hole, taking care not to damage the LED board underneath.

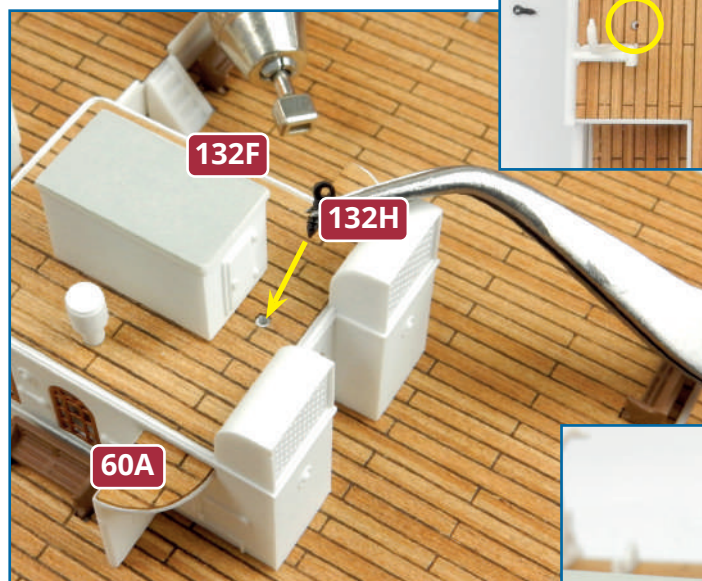
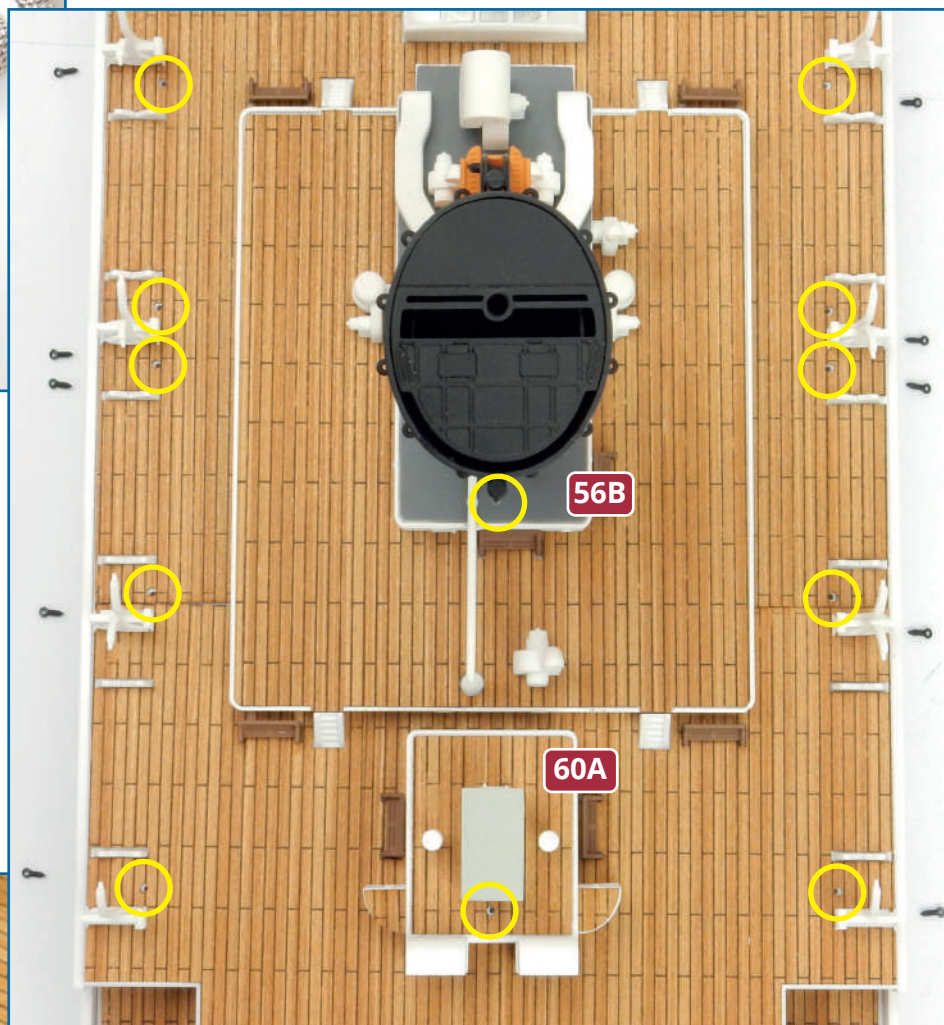


8 Moving on to the bridge roof panel **43H**, mark the position for the hole as indicated below, and drill a hole.

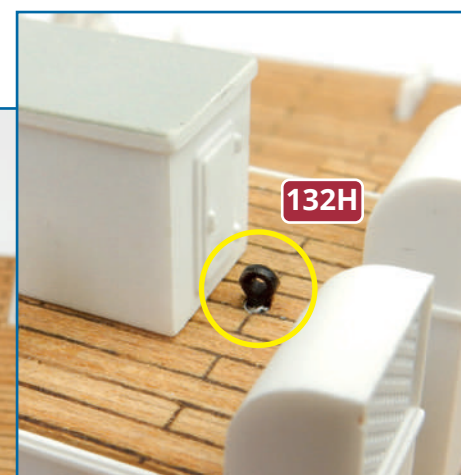
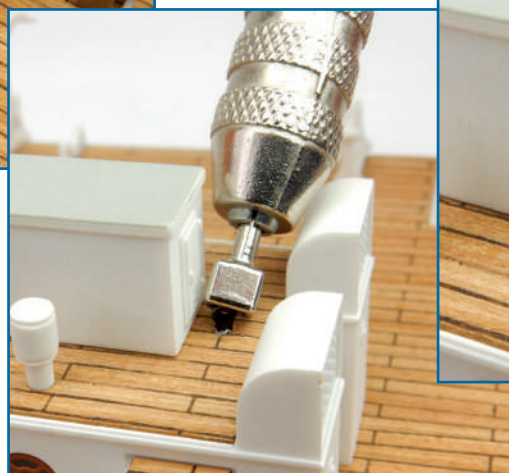




9 Take the pin vice **132A** apart again, and fit the tool **132F** into the appropriate collet. The photo on the right indicates the fixing points for the first twelve screw eyes **132H**. Starting with the second-class entrance, **60A**, hold an eyelet in place with tweezers and fit the tool **132F** over the head of the screw eye. Carefully fix the screw eye in place, as shown.

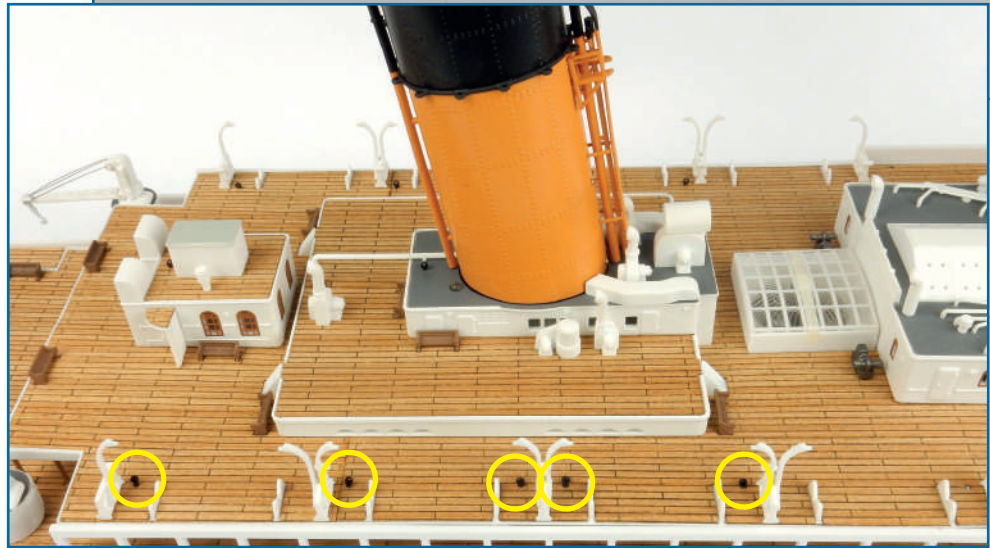
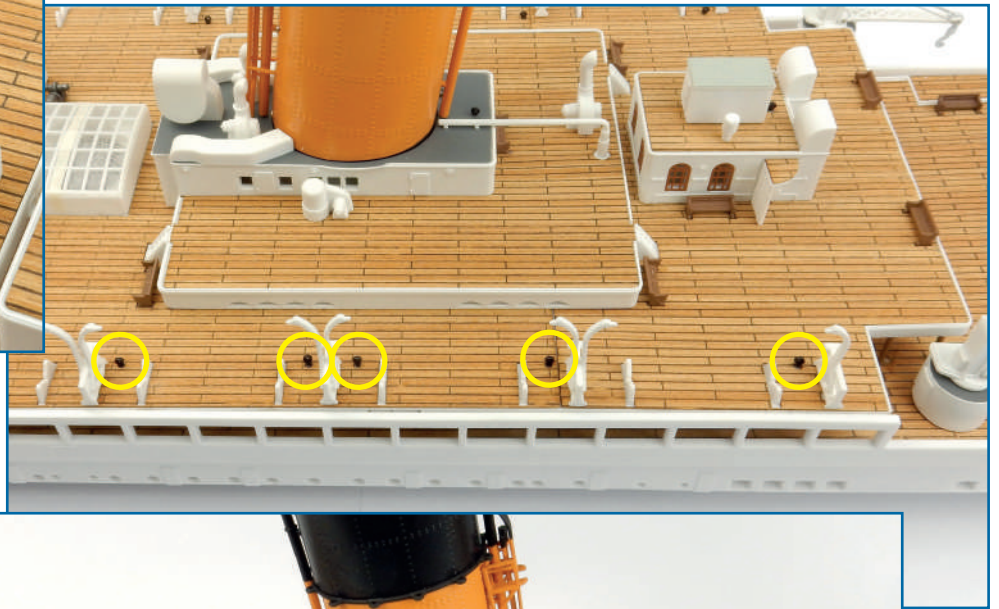


NOTE: Check that the decking does not overlap the holes for the screw eyes. Scrape it away with a sharp blade if necessary. Hold the screw eyes vertically, using straight tweezers, and twist them a turn so that they are held upright. Then tighten them using the pin vice.



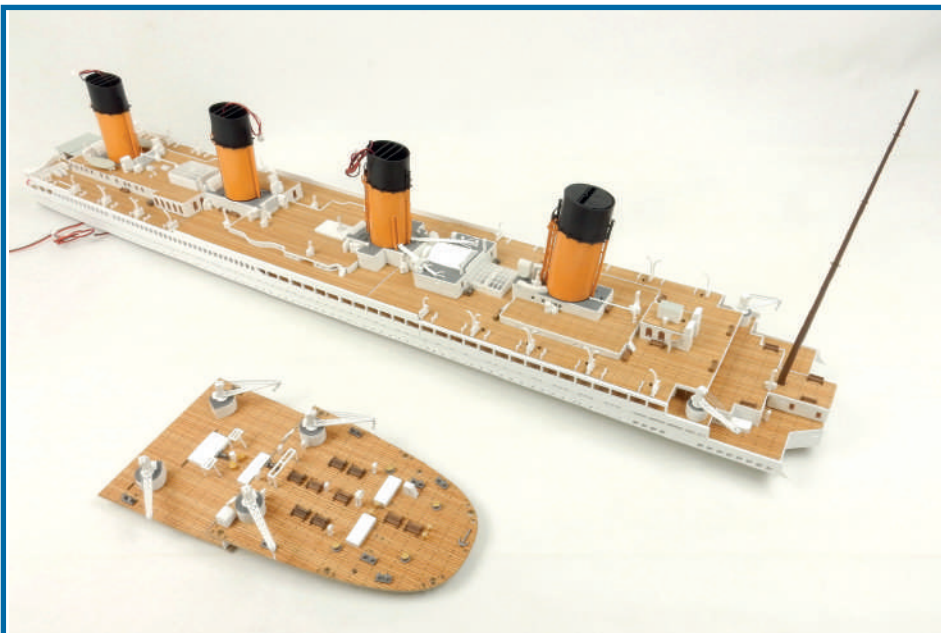


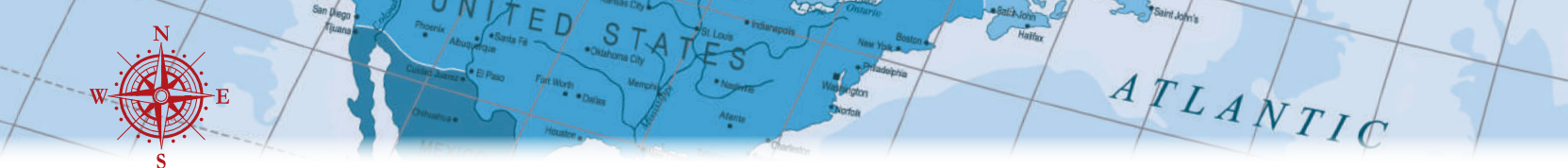
10 Repeat the procedure to fit a screw eye in the hole that you drilled at the base of the fourth funnel, on part **56B**. Then fit the remaining screw eyes along the sides of the deck, beside the aft davits, as indicated. Check that each davit is positioned vertically, and does not lean over the holes for the screw eyes. These screw eyes need to be parallel to the sides of the deck, as shown.



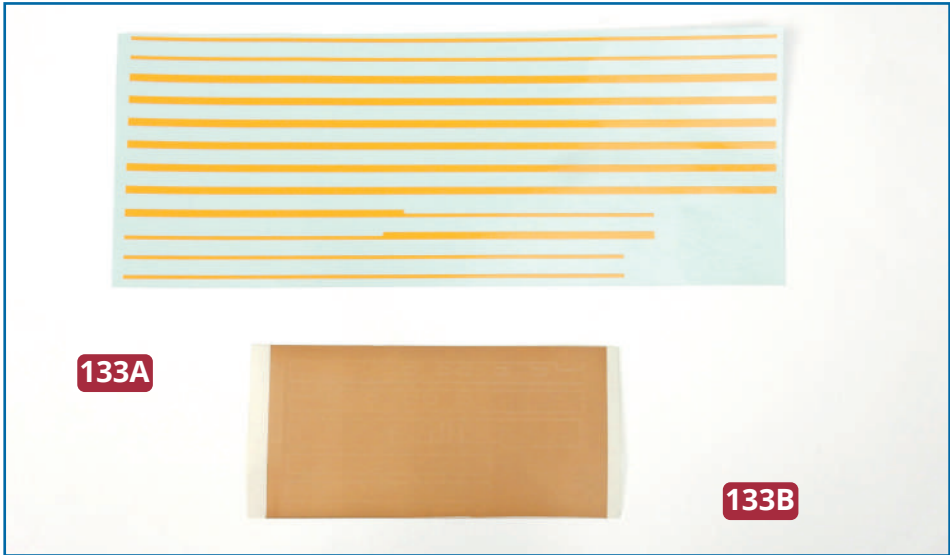
Completed work

Benches and other details have been fitted to the poop deck, and the first twelve screw eyes for the rigging have been fixed in place.





DECALS AND STICKERS FOR THE HULL

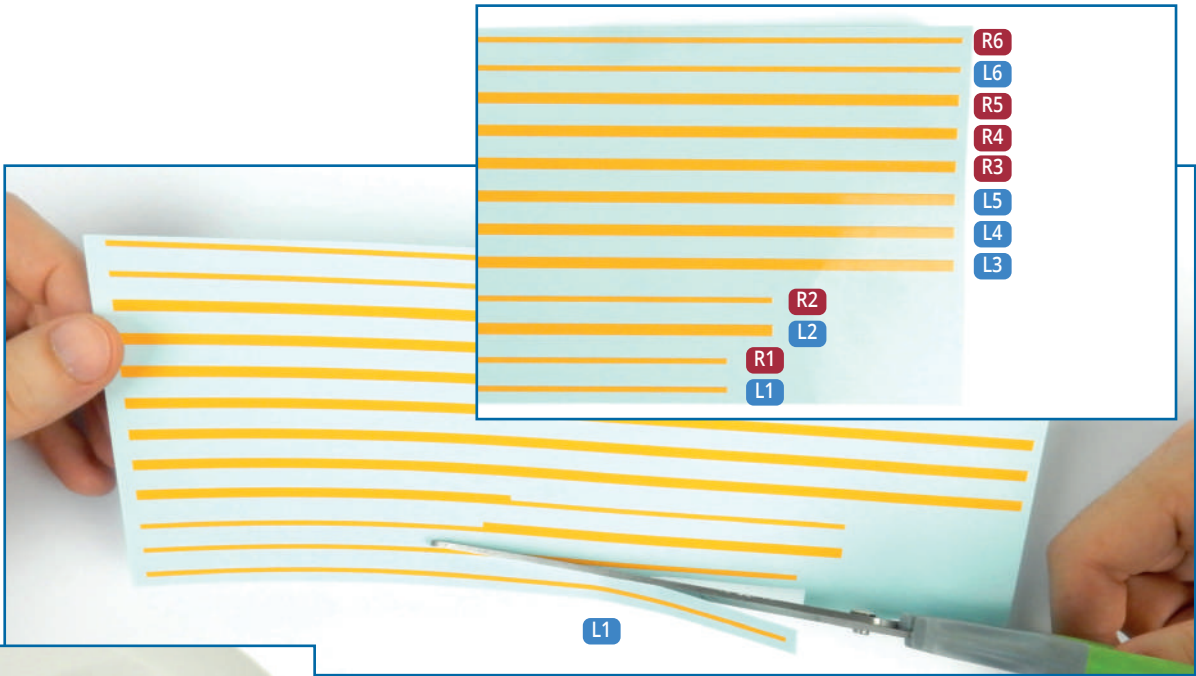


PARTS IN THIS ISSUE

133A Decal Sheet*

133B Sticker Sheet

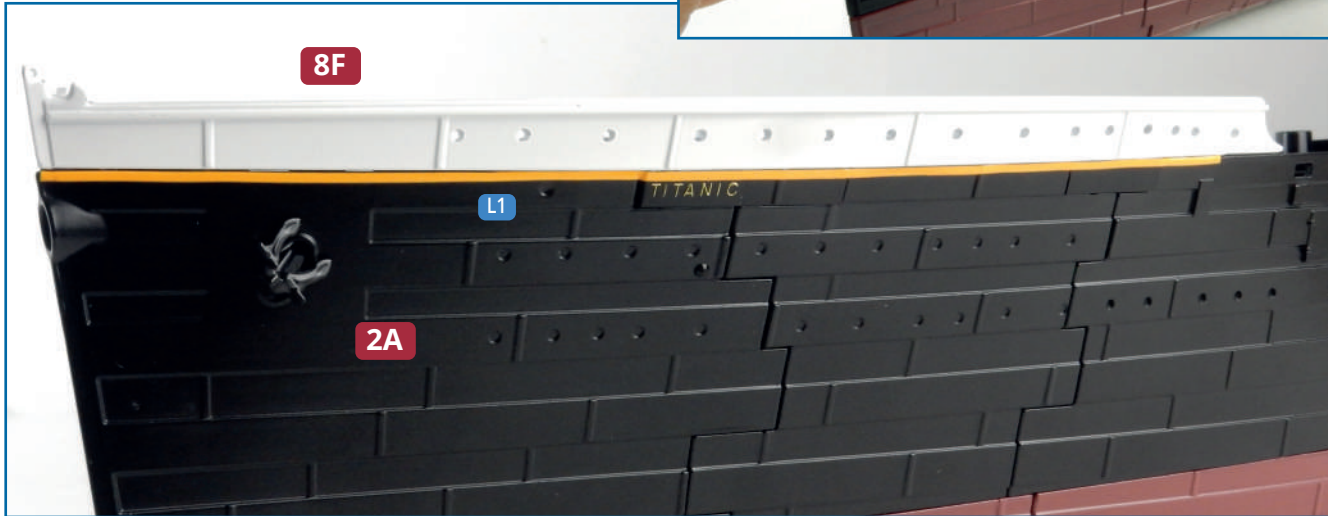
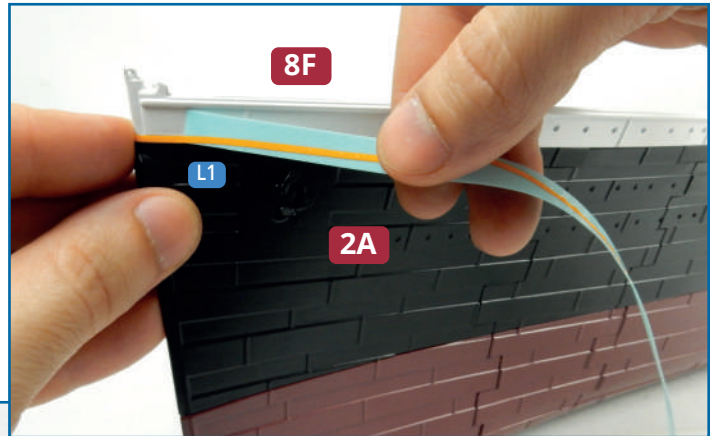
* A spare sheet has been supplied



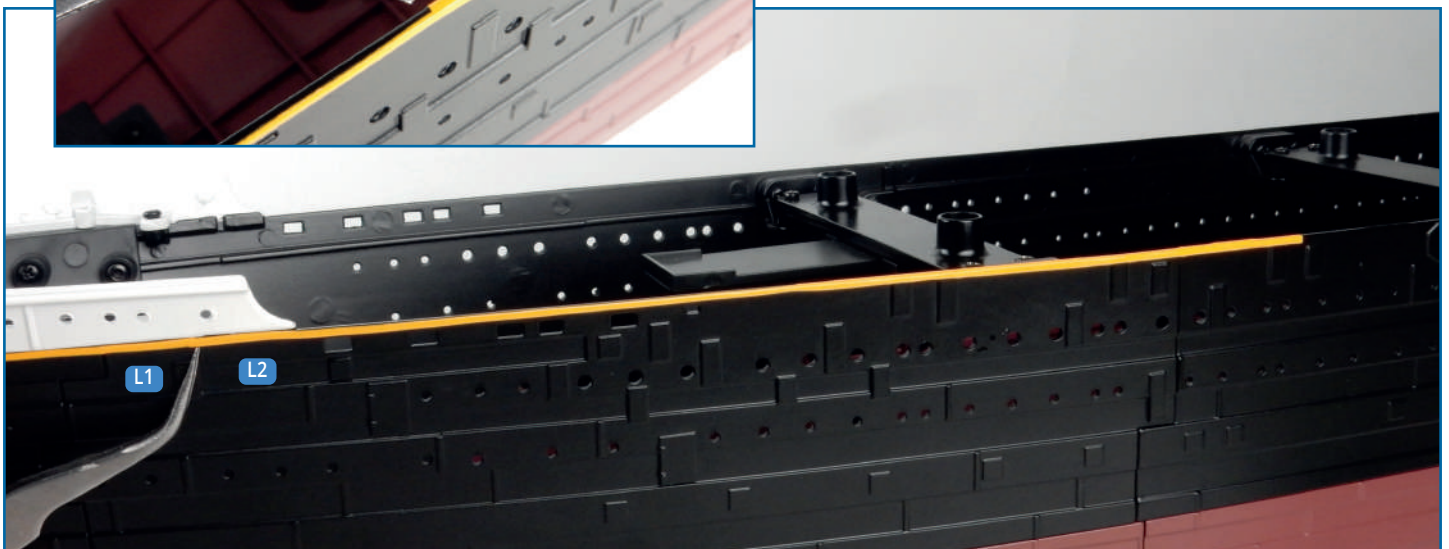
1 The decal sheet has 12 yellow strips of different widths and lengths, which have to be applied to the hull. Identify the strips on the sheet as shown in the photo above: the letter **L** indicates the strips are fitted on the port (left) side, the letter **R** indicates starboard (right) strips. The decals are numbered progressively from bow to stern. Cut the first strip **L1** and put it in a bowl of cold water for about a minute, until the glue softens. Repeat this process before applying each of the strips.

★ STEP-BY-STEP INSTRUCTIONS ★

2 Apply strip **L1** to hull section **2A**, just below white strip **8F**. Start at the bow, then very gently apply the decal, working along its length, sliding it off the backing paper as you go. Use tweezers if necessary, and dab off excess water with a dry soft cloth. Leave to dry for a few minutes. You may find this work easier if you carefully position the hull on its side.

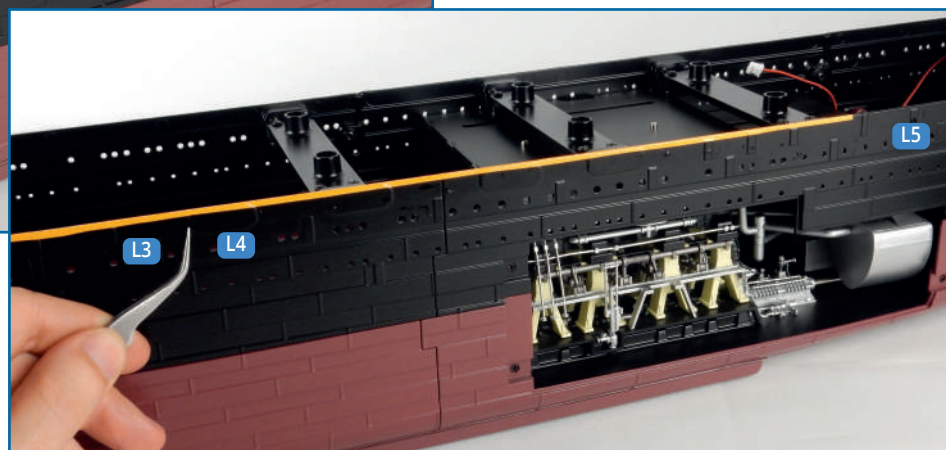


3 Now apply strip **L2**. Position the strip so that the end is neatly butted up to strip **L1**. This strip is wider and is folded over the upper edge of the hull (left). Allow to dry.



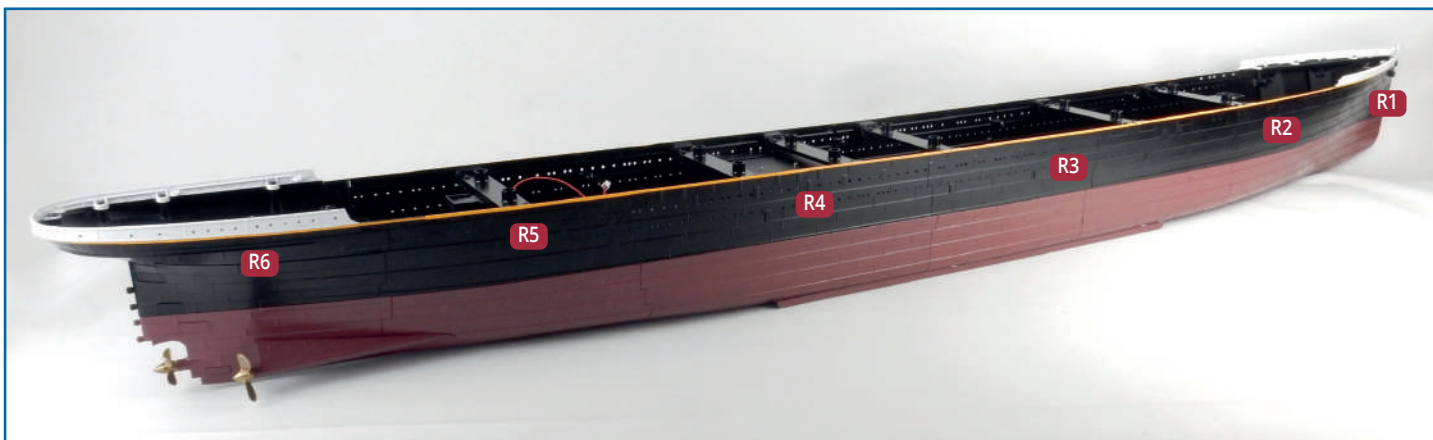


4 When the strip **L2** is dry, apply decals **L3** and **L4**. Again, the strips should butt up closely at the points indicated by the tweezers and fold over the top edge of the hull. Then apply strip **L5** in the position indicated.

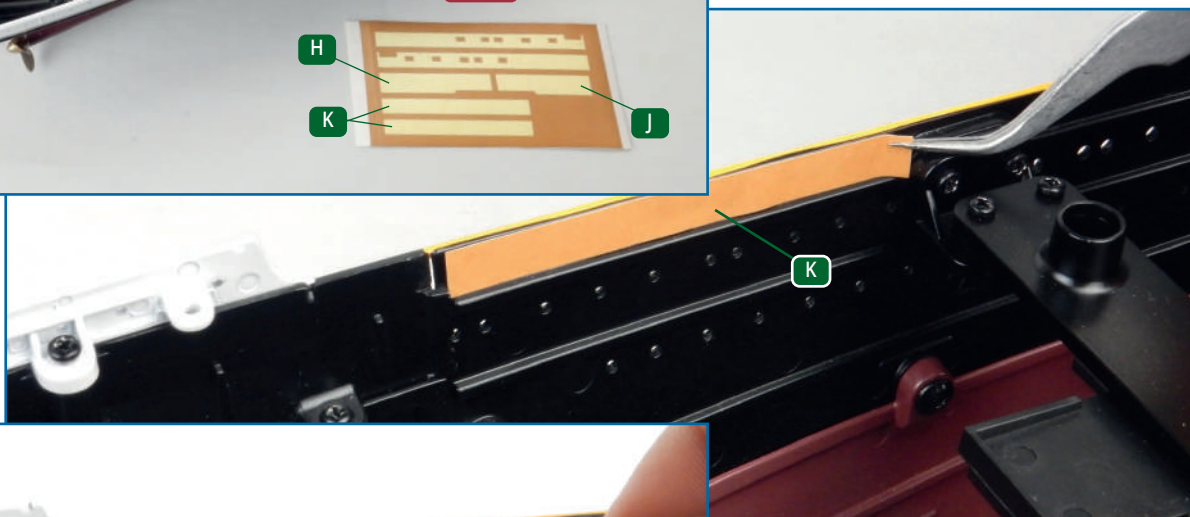
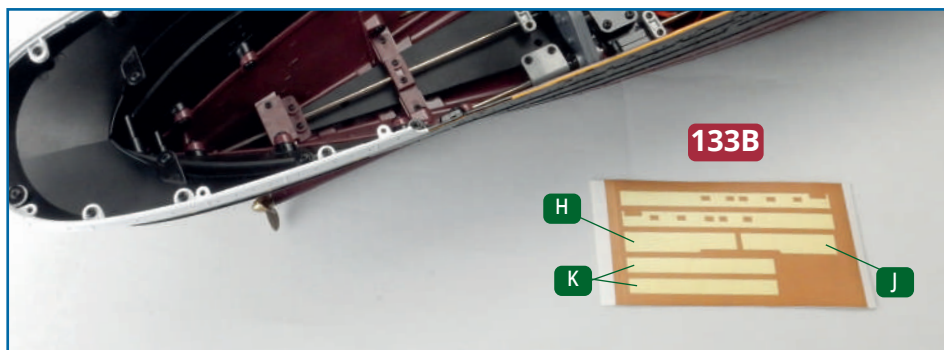


5 Finally apply the strip **L6**. This is a narrower strip and does not fold over the top of the hull. The aft end should run slightly past the centre of the stern, so that it will overlap the corresponding strip on the starboard side (**R6**).

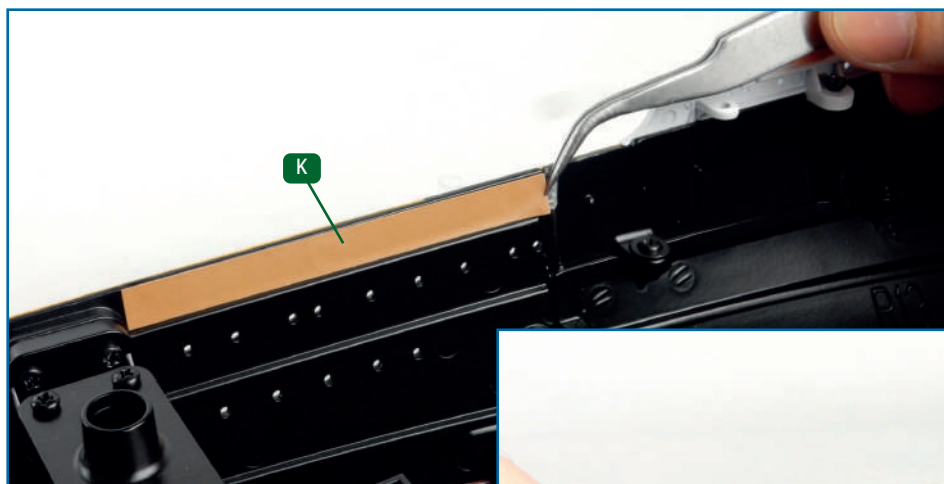
6 Moving to the starboard side of the hull, repeat the process, starting with sticker **R1** near the bow and working back to the stern.



★ STEP-BY-STEP INSTRUCTIONS ★

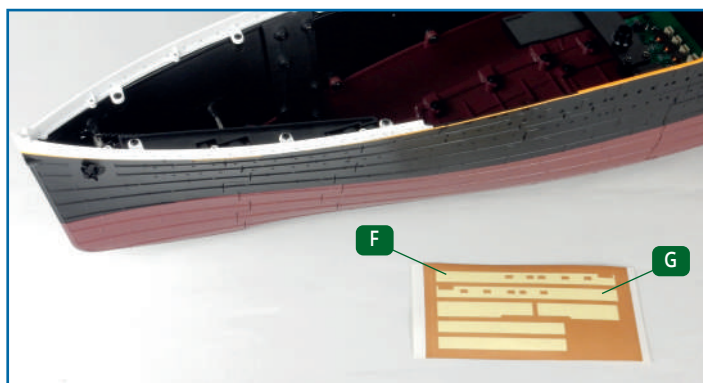


7 Identify the stickers **H**, **J** and **K** on the sheet **133B**. Take one of the stickers **K** and apply it to the upper rim of the inside of the hull, on the port side towards the stern, as shown. Then apply sticker **J** to the aft of sticker **K**.

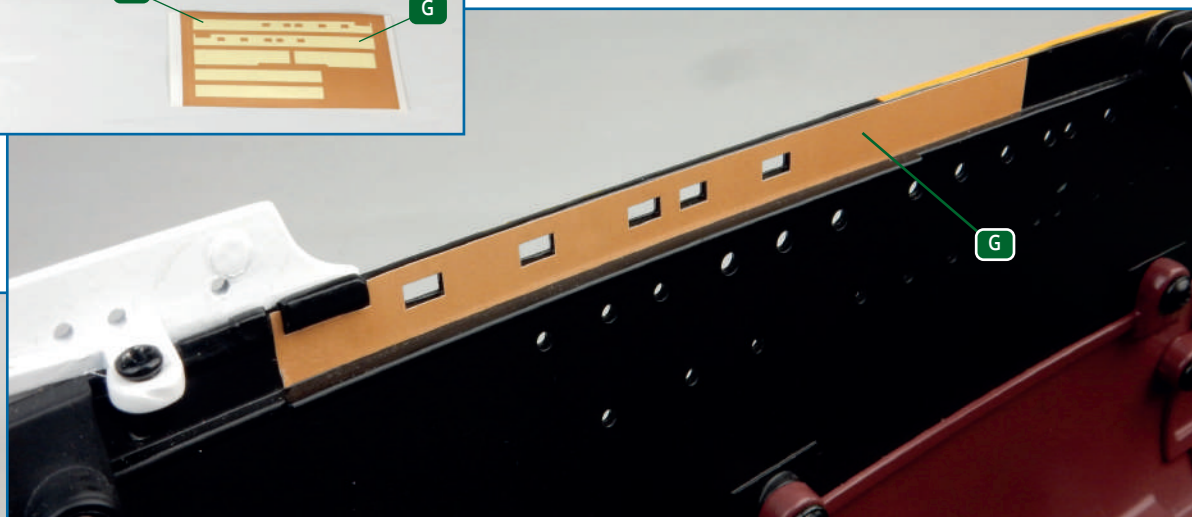


8 Similarly, apply the second sticker **K** in the corresponding position on the starboard side of the hull. Then apply sticker **H** to the aft of sticker **K**.





9 Identify the stickers **G** and **F** on the sheet **133B**. Moving towards the bow, apply sticker **G** to the inside of the starboard side of the hull and sticker **F** to the inside of the port side of the hull, as shown.

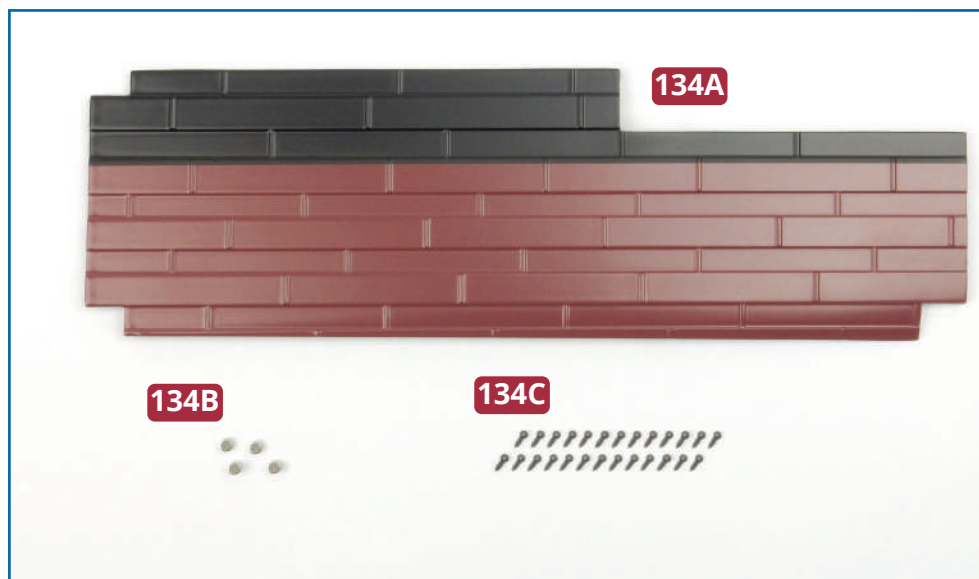


Completed work

Decals and stickers have been applied to the upper edges of the hull.



PANEL FOR THE ENGINE ROOM



PARTS IN THIS ISSUE

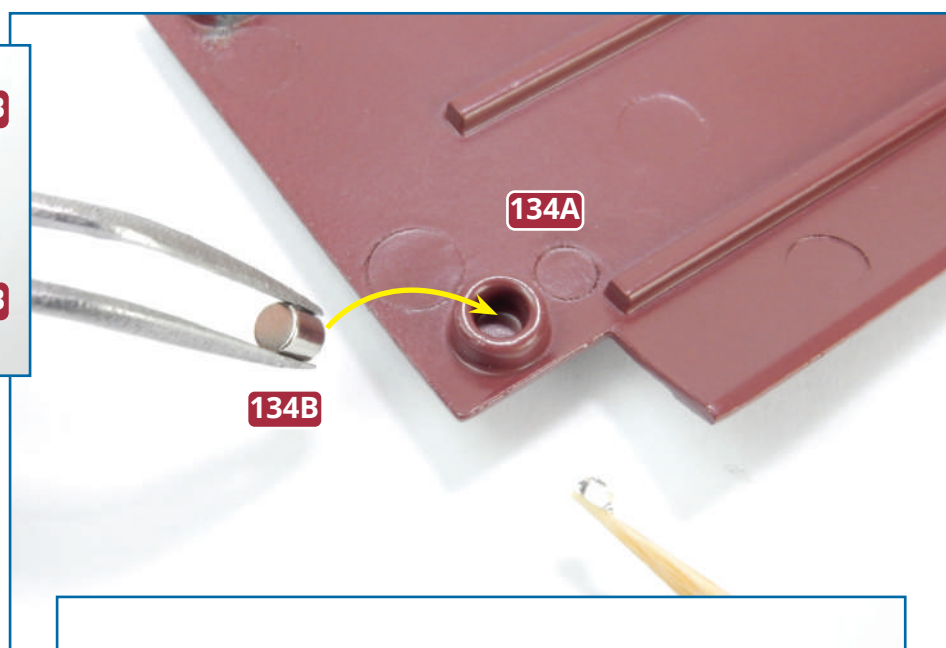
134A Panel for engine room

134B Four magnets

134C Screw eyes x 26
(1 spare)

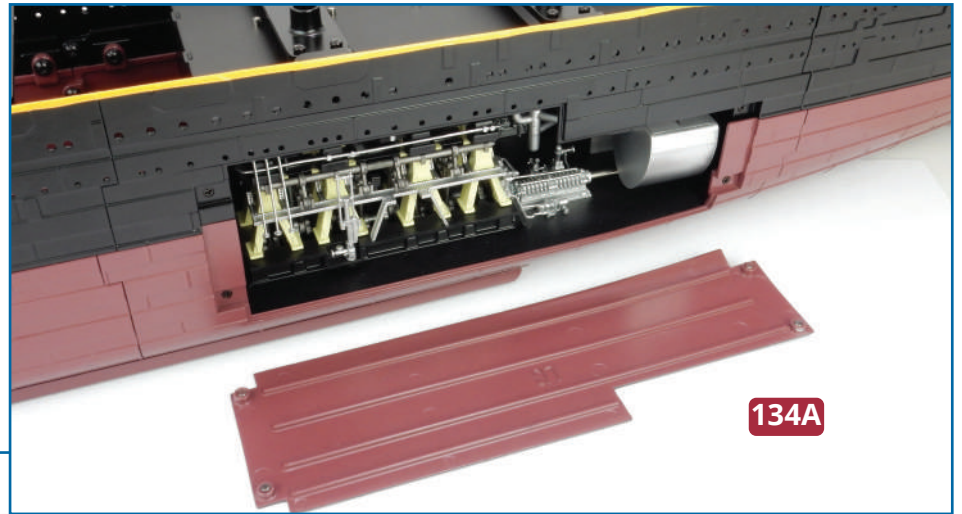


1 Take panel **134A** and the four magnets **134B**. Glue the four magnets into the recesses on the panel. Leave the glue to dry.

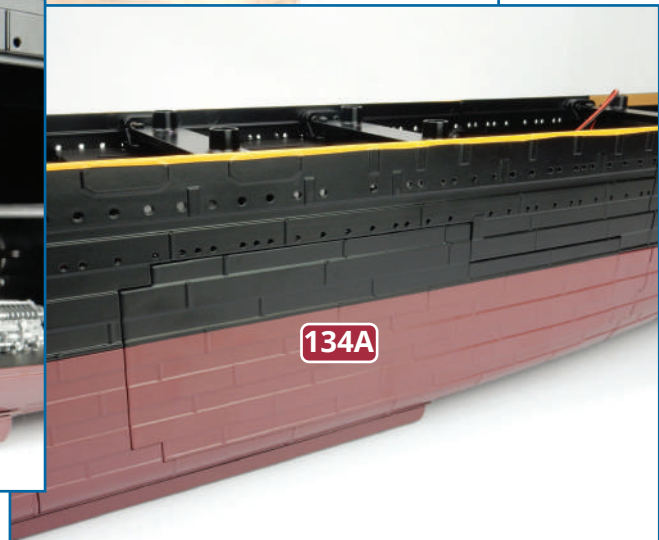
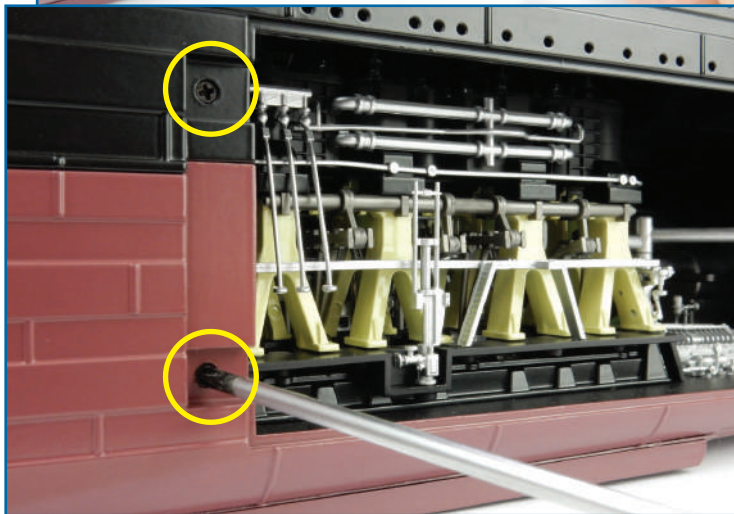
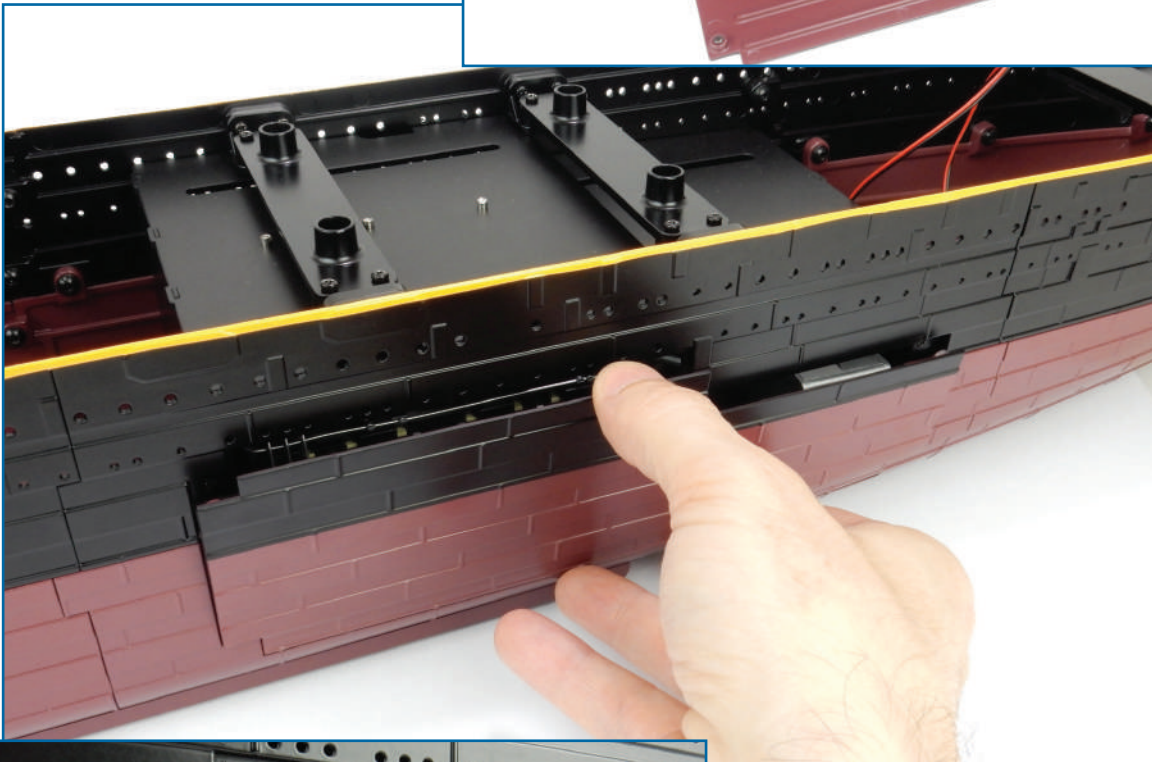


★ STEP-BY-STEP INSTRUCTIONS ★

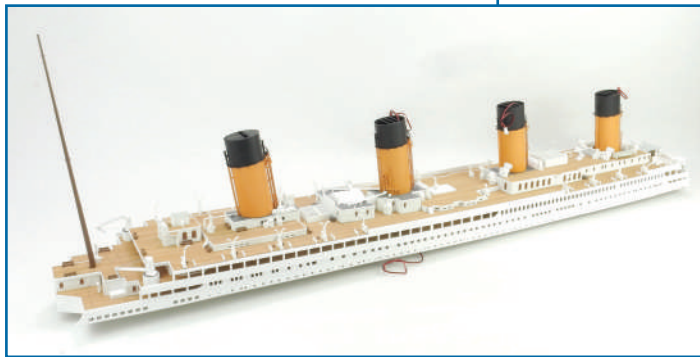
2 Place panel **134A** on the hull, over the opening where the engine room is. Check that the panel is flush with the rest of the hull. If necessary, adjust the screws (circled in yellow) to get a better fit.



134A



134A

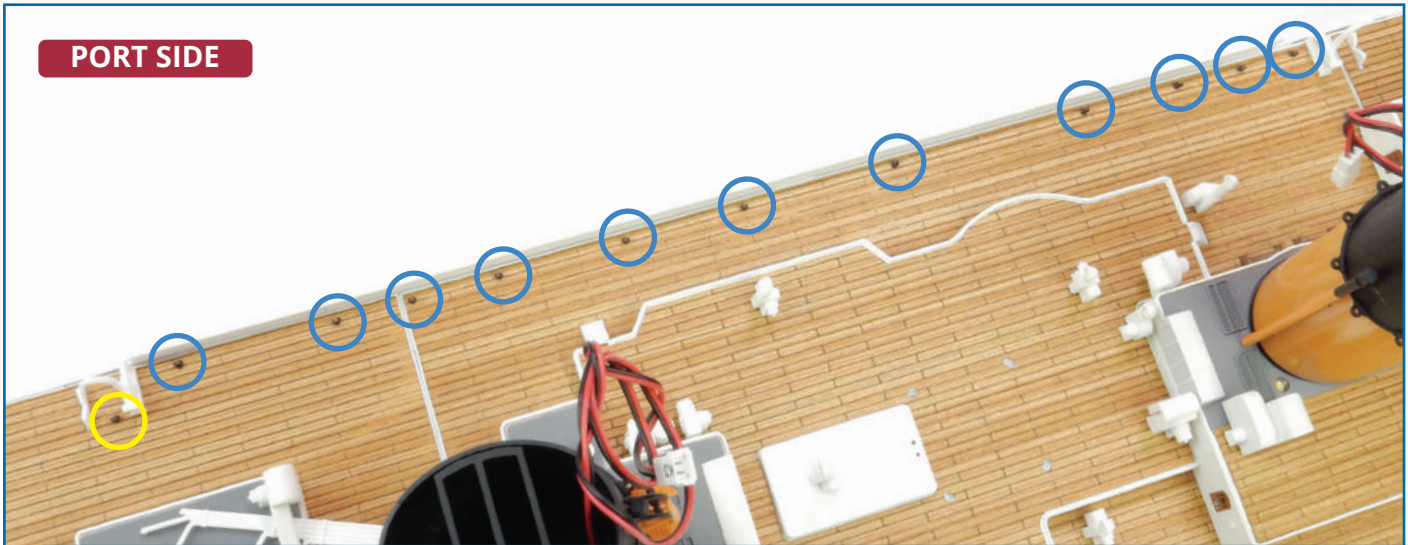


3 Take the deck assembly. Fit the screw eye tool **132F** into the pin vice **132A**. Identify the first free hole from the stern on the port side of the boat deck. Use tweezers to fit a screw eye **134C** into the hole and tighten it fully using the tool **132F**. The screw eye should sit parallel to the side of the hull.

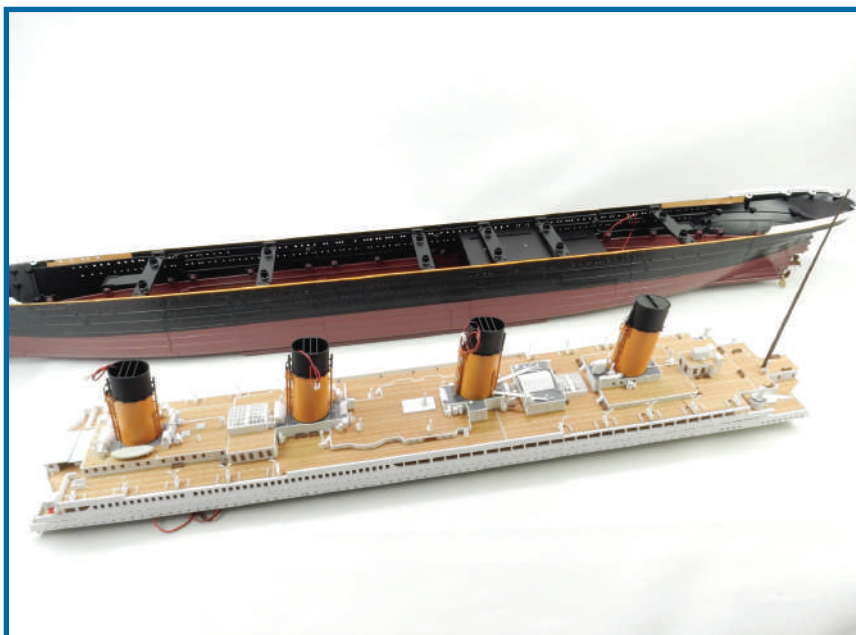
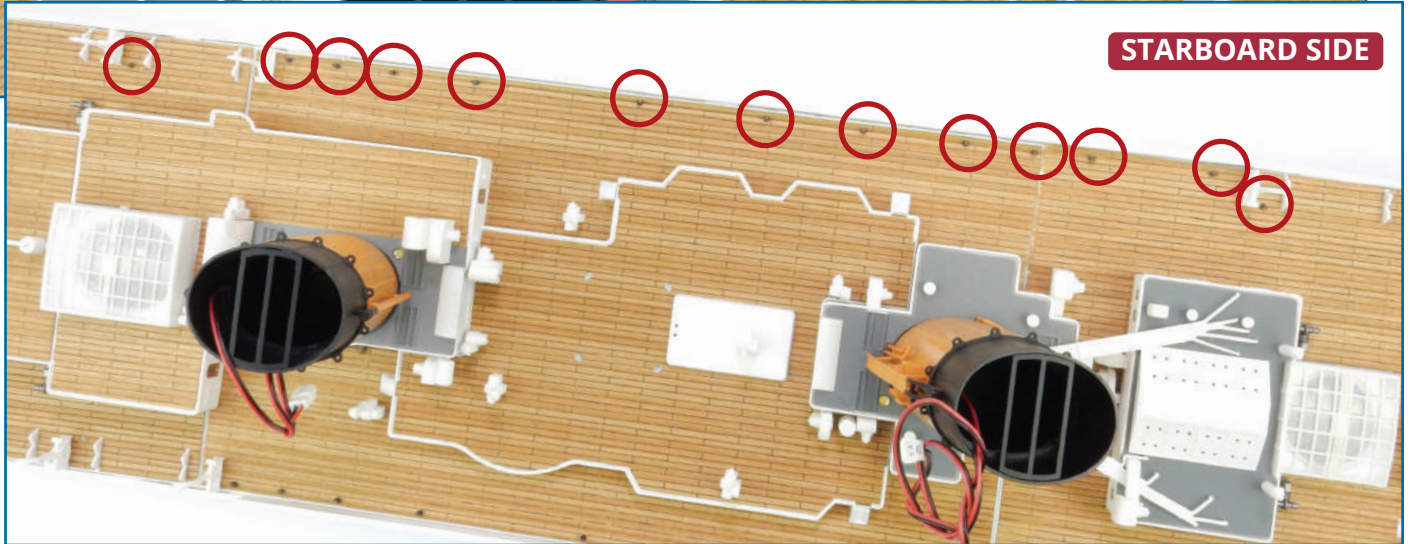


★ STEP-BY-STEP INSTRUCTIONS ★

PORT SIDE



STARBOARD SIDE



4 Similarly, fit eleven more screw eyes **134C** on the port side, at the points circled in blue. On the starboard side, fit thirteen screw eyes at the points circled in red. All the screw eyes should be fitted so that they sit parallel to the sides of the hull.

Completed work

A panel has been fitted over the engine room opening and more screw eyes have been fitted to the boat deck.