Model Space DeAgostini

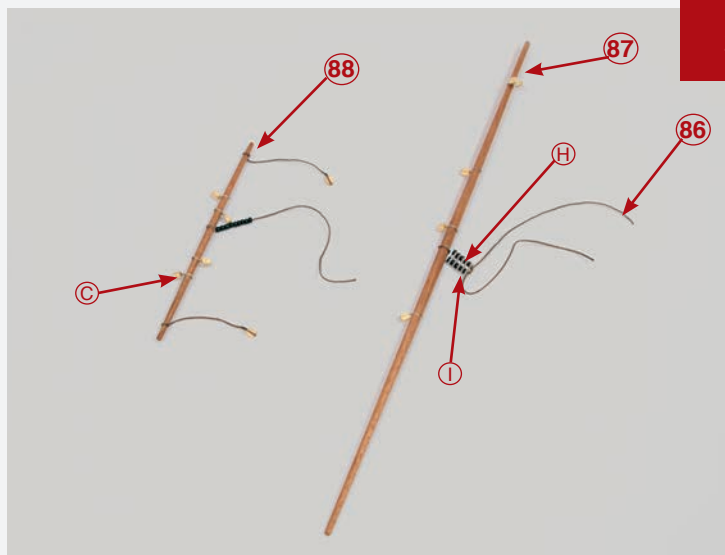## Your parts

B. Natural thread 0.15mm
C. Blocks
G. Deadeyes (small)
18. Brown thread 0.50mm
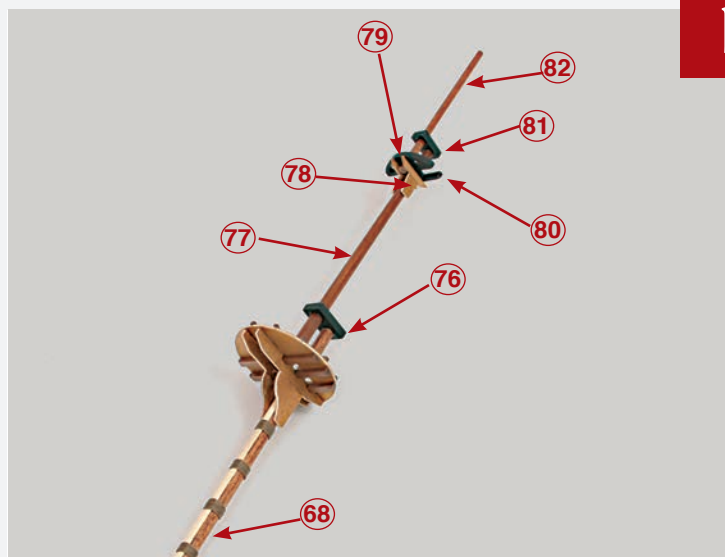
Tools and equipment

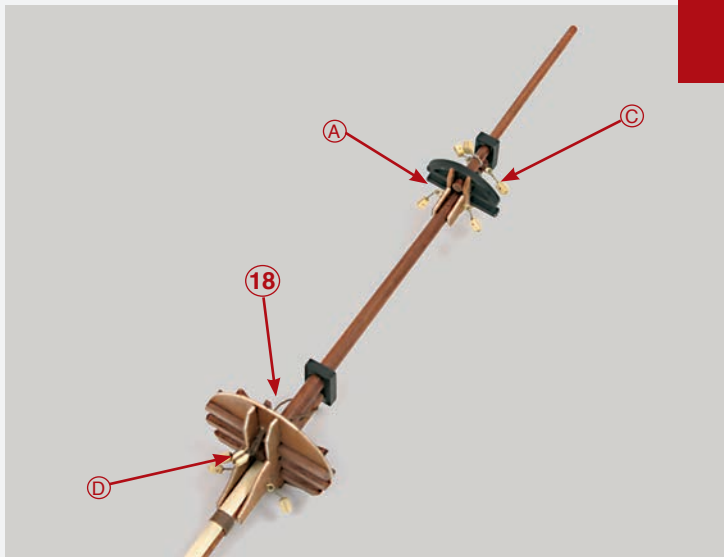Knife   Drill/bits
Ruler
Superglue

a

Use the mizzenmast plan to attach all the fittings to the driver, part 87, and the mizzen topmast yard, part 88.
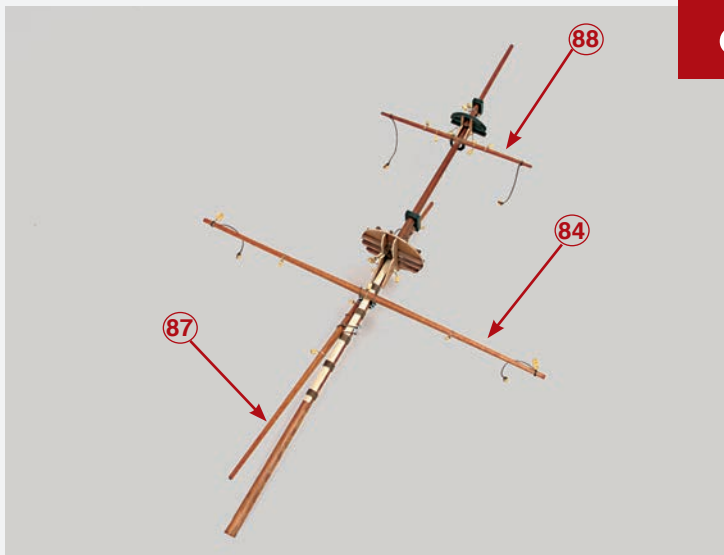
b

As with the foremast and mainmast, assemble the mizzenmast by fitting the topmast (77) and lower mast cap (76) to the top of the lower mast and the hounds (78), crossbars (79), crosstrees (80), upper mast cap (81) and topgallant mast to the top of the topmast. Use the photo and the plan to help.

c

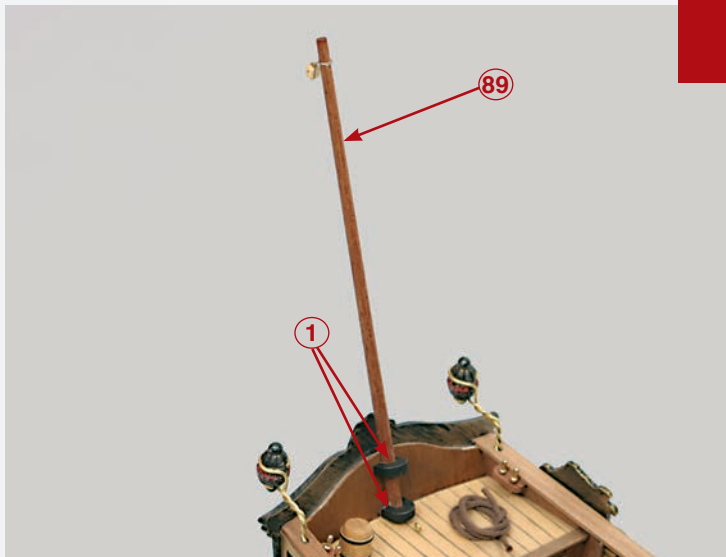Use the plan to identify the locations and threads used to fit the blocks to the mizzenmast.

d

Fit the cross-jack yard and the mizzen topmast yard to the mizzenmast, according to the plan. When fitting the driver, part 87, to the mast, remember that it fits at a right angle to the other yards.
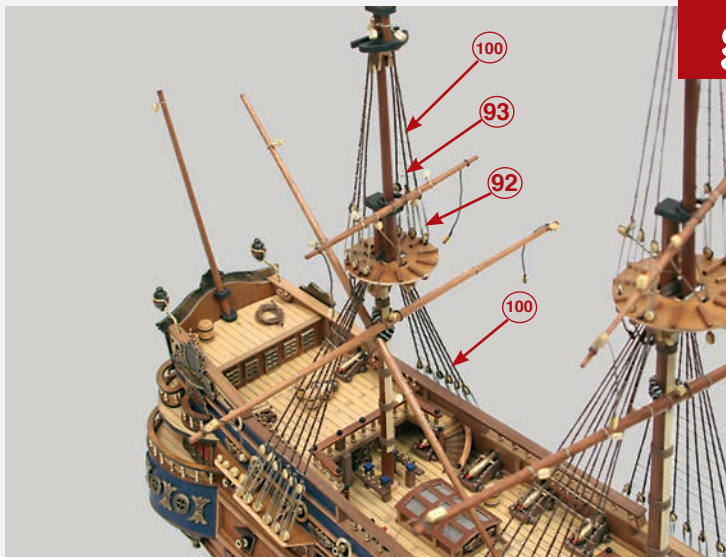
e

Stand the model upright and slide the mizzenmast into its hole in the quarterdeck. Adjust its position until it stands vertical and is aligned with the other masts. Then apply glue to the contact points between the mast and deck.
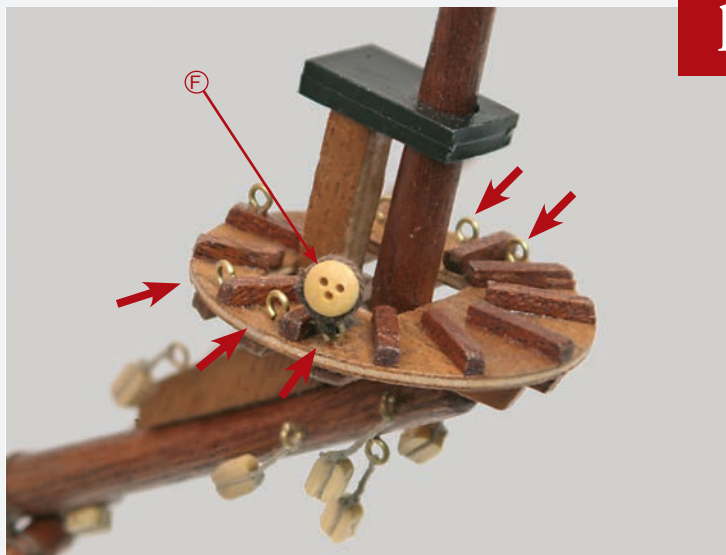
f

Hold the flagpole up against the transom and test-fit the flagpole supports around it, at the points shown (arrowed). Adjust the fit of the pole if necessary, then glue it in place so that the block is facing aft, with one support on the deck and another about 10mm above it.

g

Following the same procedure as with the other masts, and using figure A on the rigging plan, fit deadeyes, shrouds and ratlines to the mizzenmast.
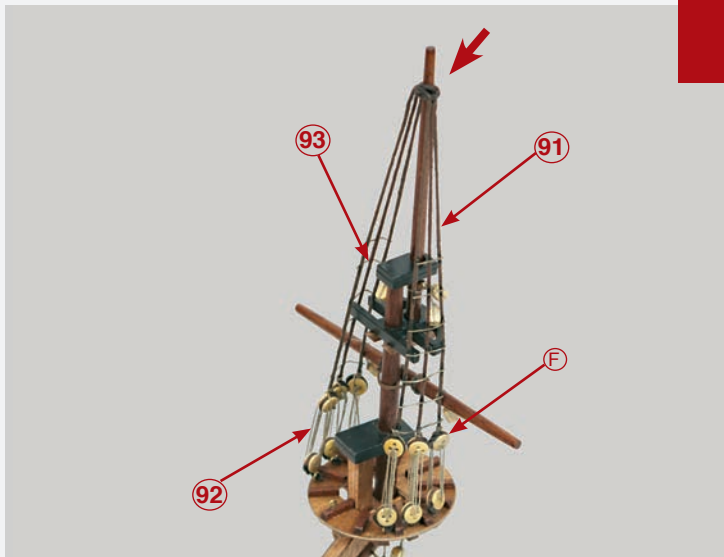

h

Fit six eyebolts to the bowsprit top, and fix an F deadeye to each of them using 0.80mm brown thread.
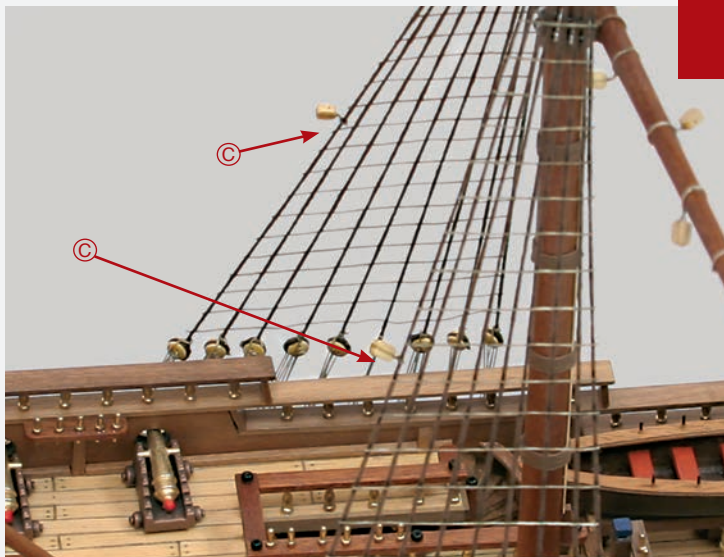
i

Tie three lengths of thread (91) to the top of the spritsail topgallant mast, with an equal length to either side. Fix a deadeye to each end, and use thread (92) to tie a lanyard between these deadeyes and the ones from the previous step. Once the shrouds are secured, tie ratlines in place, according to the plan.
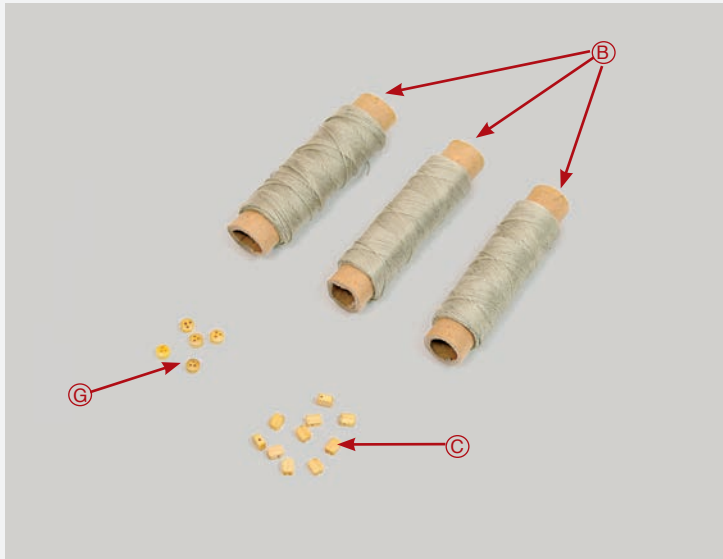
j

Tie two C blocks to the shrouds of the mainmast with 0.15mm natural thread, one on the starboard side and the other on the port side, as shown on the plan.

k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.
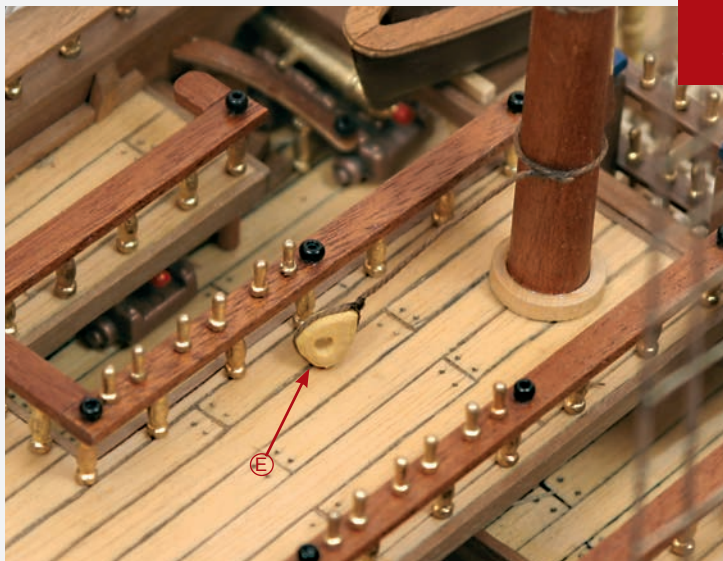
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Your parts

B. Natural thread 0.15mm
C. Blocks
G. Deadeyes (small)

Tools and equipment

Knife   Drill/bits
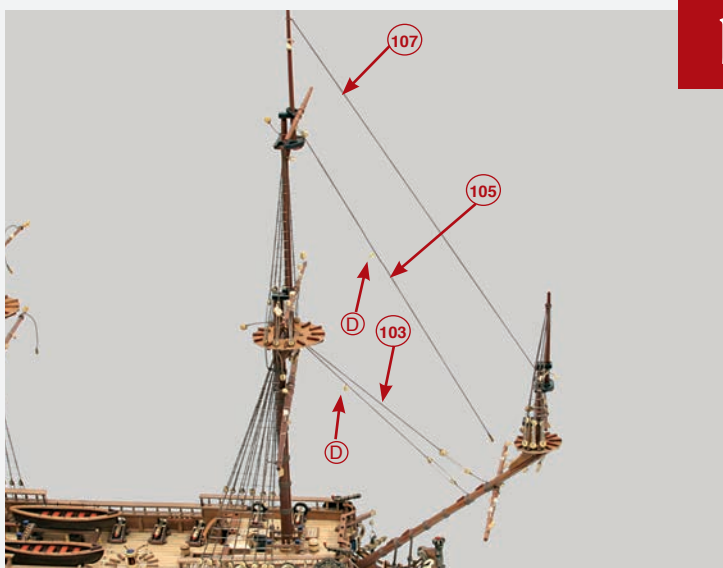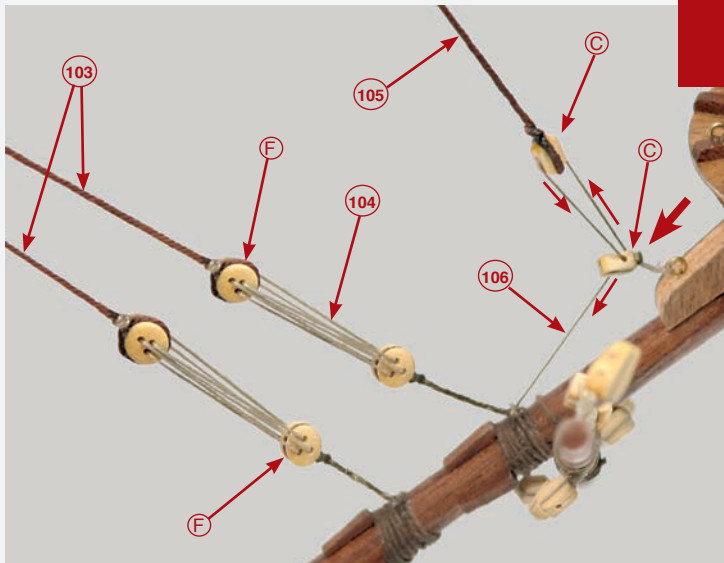Ruler
Superglue

a

Tie a heart block to the foremast with the remaining sling, part 29, then tie another heart block to the mainmast with part 54, referring to the plan.
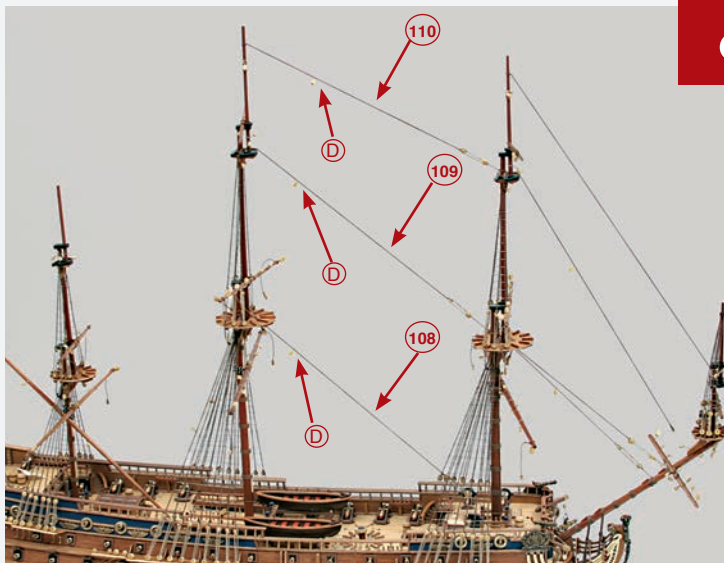
b

Use figure B on the rigging plan to tie forestays 103, 105 and 107 between the foremast and bowsprit. Cut the thread to the lengths indicated in the table on the plan. When the forestays are in place, attach the two D blocks. In the next step, you can see in more detail how forestays 103 and 105 should be connected to the bowsprit.
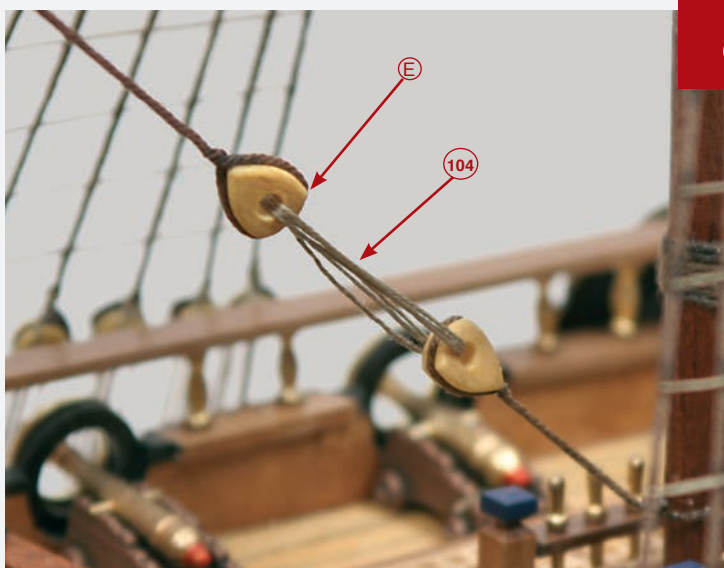
c

Connect the forestay (103) to the deadeyes of the bowsprit with 0.15mm natural thread (104). Use thread (106) to join the C block of the bowsprit to the C block of the forestay (105), rigging them together following the directions of the arrows in the photo and finally tying it off on the bowsprit.
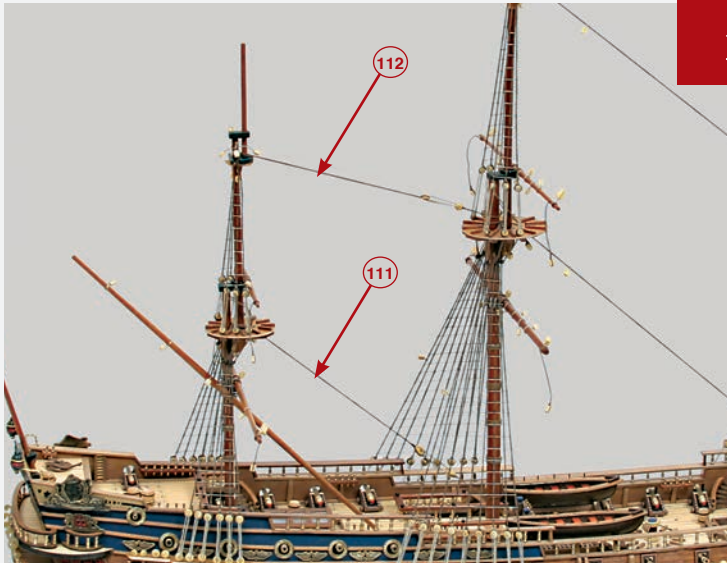
d

Now tie forestays 108, 109 and 110 to the mainmast. Connect the D blocks when the forestays are in place and then secure 109 and 110 to the foremast using deadeyes and thread (104), as in the previous step. The next step shows how to connect forestay 108 to the foremast using heart blocks.
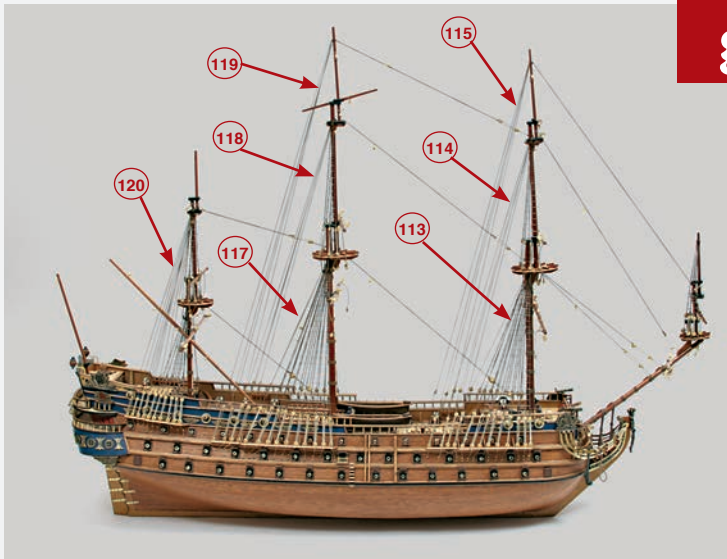
e

Cut a length of 0.15mm thread (104), loop it a few times through the holes of the two heart blocks shown, and secure it with a drop of superglue.
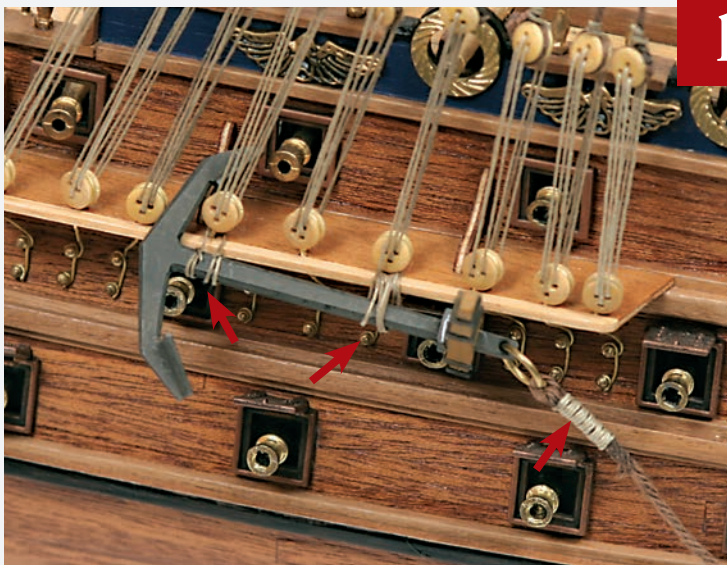
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f

Following the same processes shown in previous steps, tie forestays 111 and 112 in place between the mizzenmast and mainmast.

g

Once all the forestays are in place, use the same techniques to fit all the backstays, 113-120, as shown in figure B on the rigging plan.

h

Bind the twisted length of threads on one of the anchors with 0.15mm natural thread. Then, using the same thread (B), secure them to the side of the foremast chainwale, looping the thread around a deadeye and the anchor at two points.

i

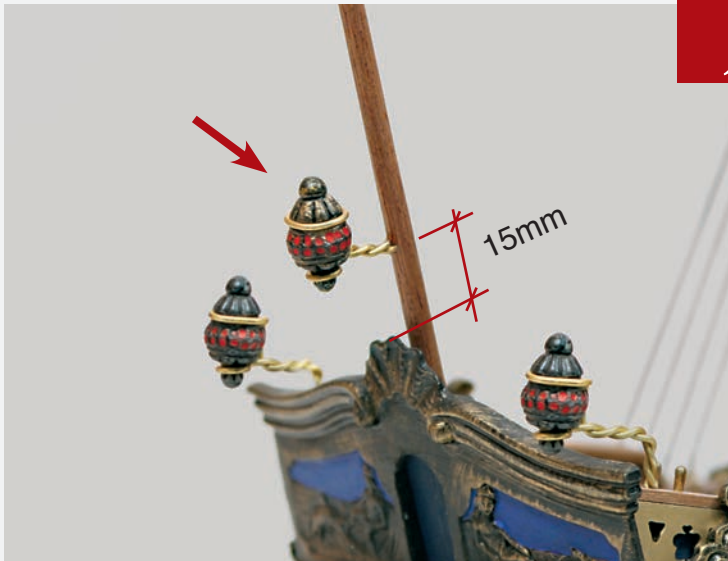Drill a 2mm hole in the second hawsehole (arrowed) and glue the end of the brown thread from the anchor into the hole.

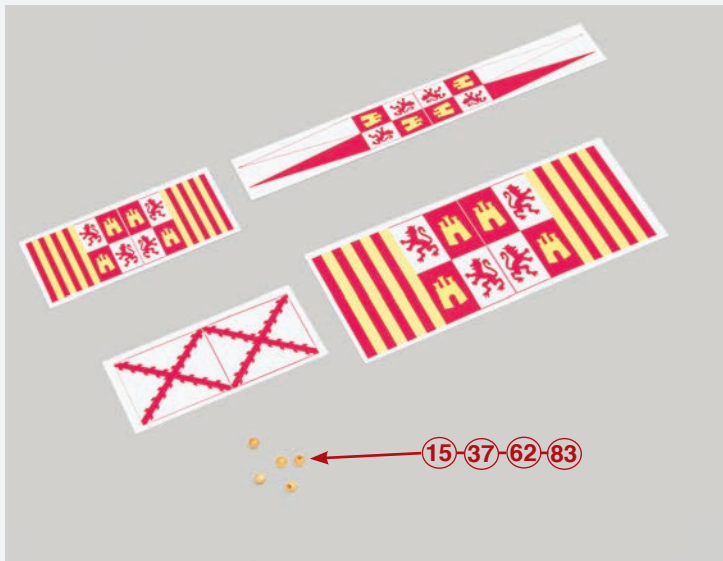Repeat on the port side with the remaining anchor.

j

15mm

Prepare the remaining lantern from page 400 and glue into place on the aft side of the flagpole, 15mm above the top of the transom decoration.

k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.

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Your parts

Flags
15. Bowsprit top cap
37. Foremast top cap
62. Mainmast top cap
83. Mizzenmast and flagpole top cap x 2
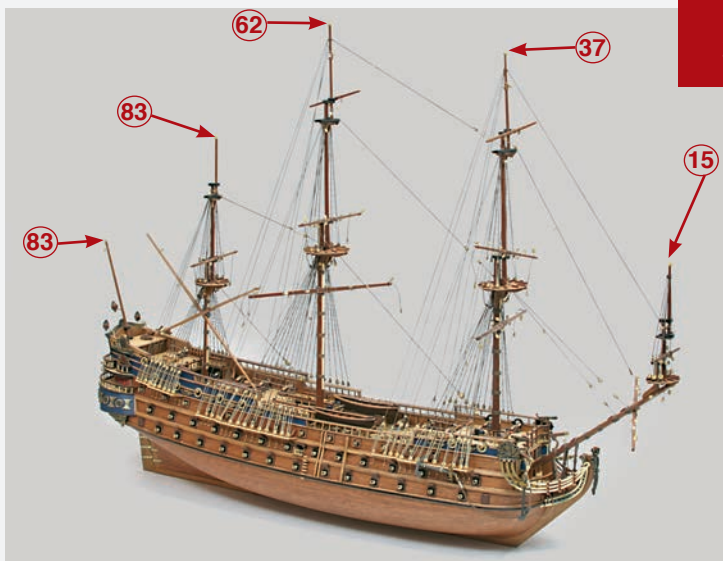
(15)–(37)–(62)–(83)
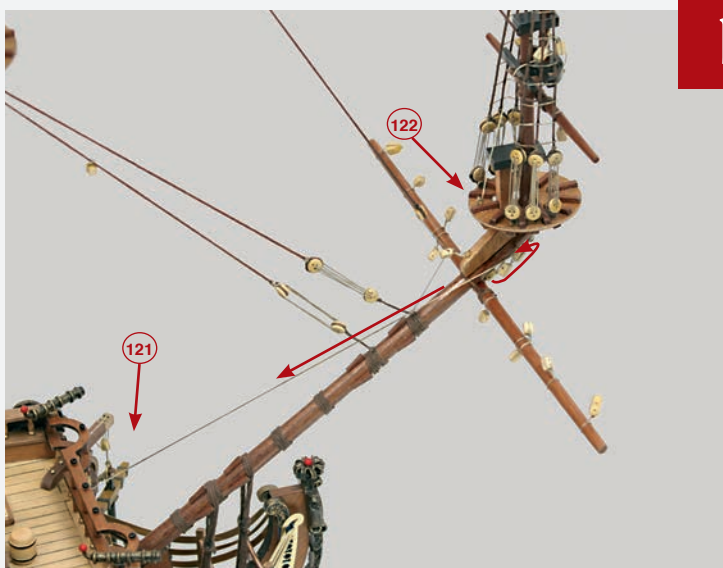
Tools and equipment

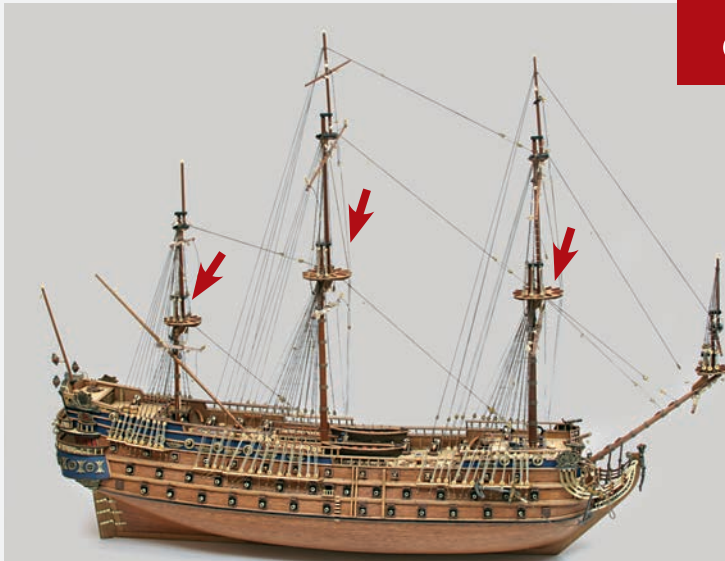Knife   Drill/bits
Ruler
Superglue

a

Glue all the top caps (15, 37, 62 and 83) in place at the tops of the masts (arrowed).
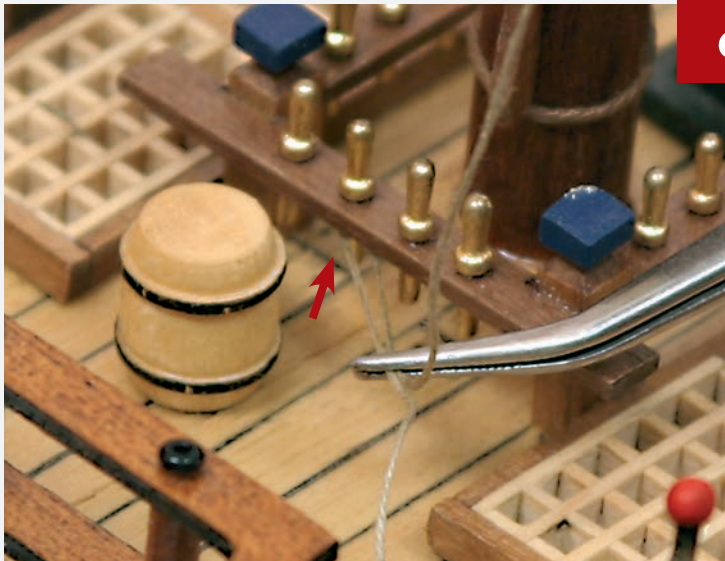
b

Use figure D on the rigging plan to rig halyards 121 and 122 to the bowsprit. Tie one end of the thread to the corresponding block, pass it through the block in the centre of the yard, back up to and through the first block, and then down to the anchoring point. Pull until the yard is at the desired height and the wire is taut.
Figure I on the plan indicates the points where the rigging lines 121 and 122 should be anchored.
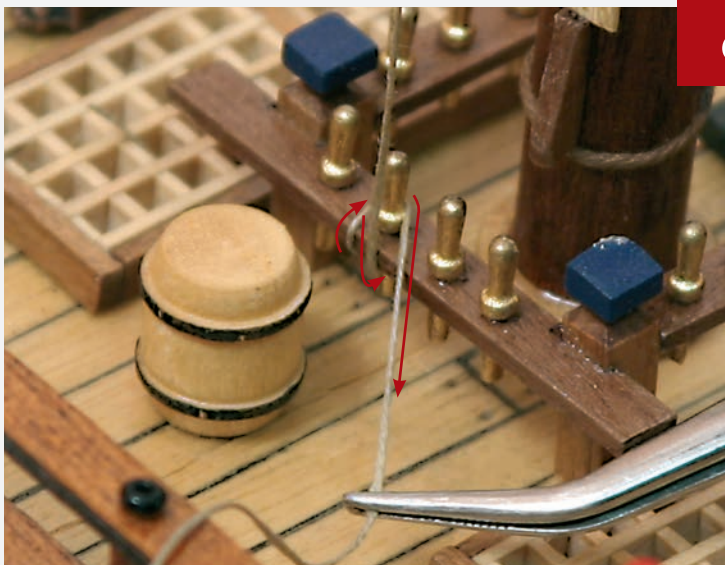
c

Fit the lowest halyards of each mast (123, 126 and 129) following the same process as with the halyards on the bowsprit. For the others, tie the halyard to the middle of the yard, pass it through the hole drilled in the mast and pass it down towards the anchoring point indicated in figure I.
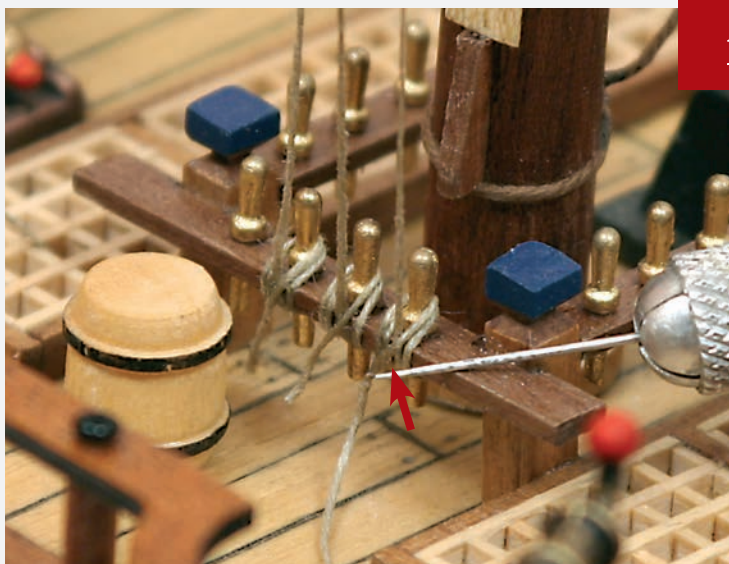
d

Fold the end of one of the lower halyards in half and loop it around the bottom of one of the pins (arrowed).
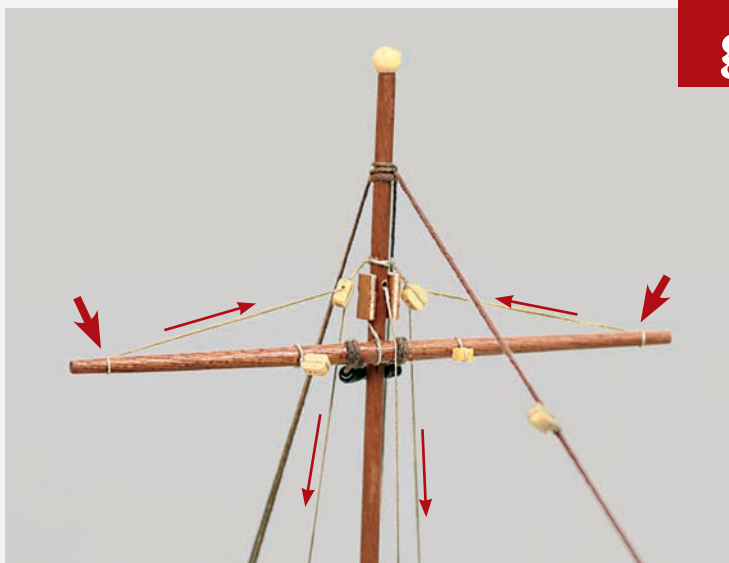
e

Pull the thread taut, and pass the loose end up to above the rail, then around the pin. Repeat this a second time.
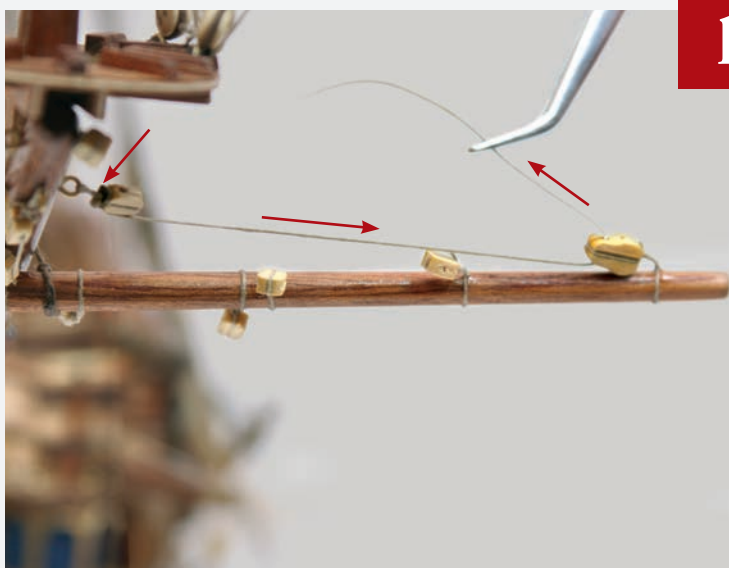
f

Apply a drop of superglue to the point where the threads cross over (arrowed). Cut off the excess, leaving about 8mm of thread trailing.
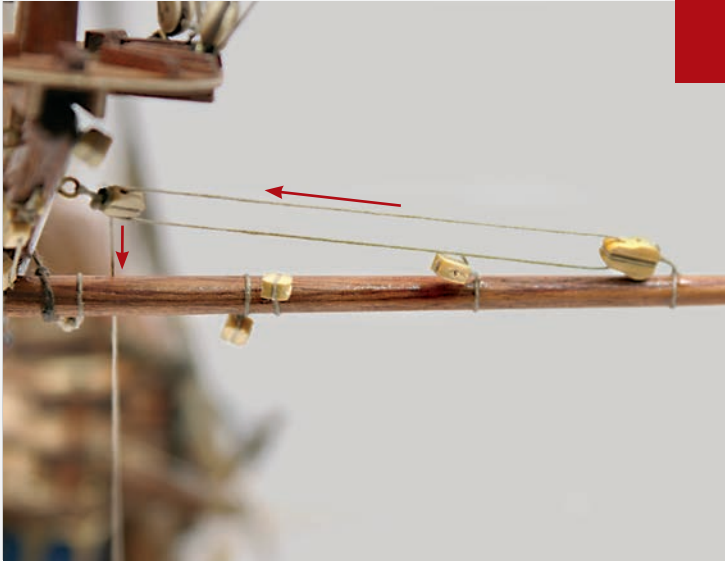
g

The lifts, shown in figure E of the rigging plan, can be rigged in two different ways, but the highest yard of each mast uses this process. Tie a thread to each end of the yard, pass the loose end through the block indicated on the mast and then down towards the deck, pulling the yard taut before tying it off to the corresponding pin (figure I).

h

The second method uses the long tackle block at the end of the yards. First, tie one end of the thread to the top of the block on the mast, then pass the loose end through the hole located at the narrowest part of the long tackle block.
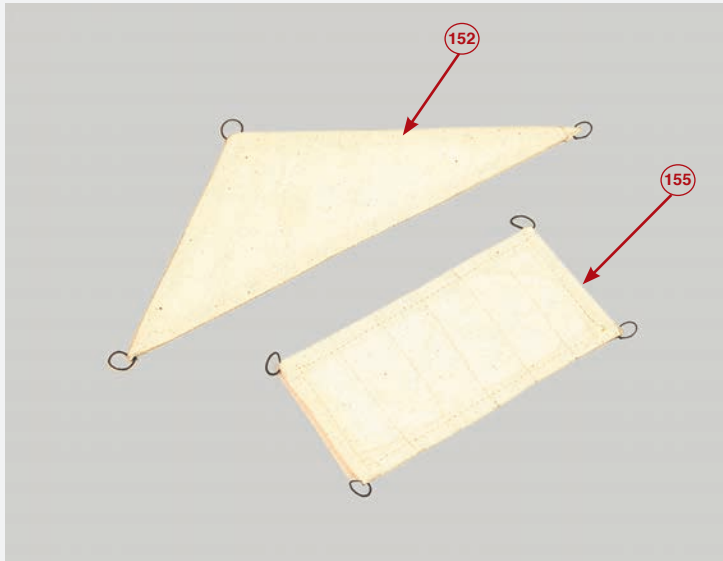
i

Now, take the loose end of the thread and pass it down through the hole in the first block. Then tie it off to the corresponding pin, indicated in figure I. Following the processes in Steps g-i, rig the rest of the lifts for the remaining yards.

j

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.
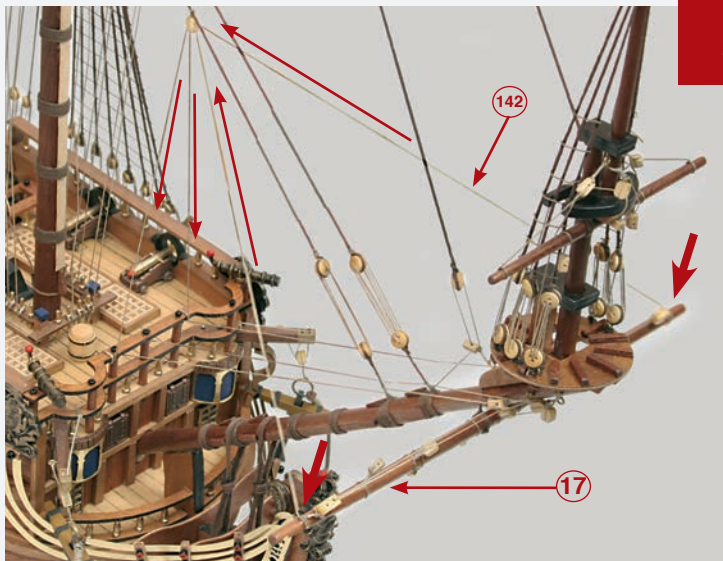
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Your parts

152. Driver
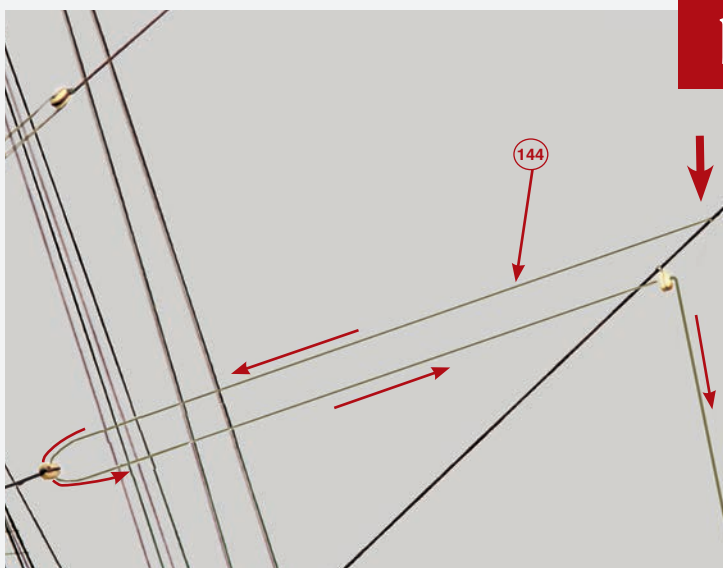155. Spritsail

Tools and equipment

Knife
Ruler
Superglue

Drill/bits
Sewing needle

a

The braces are shown in figure F on the rigging plan. Tie brace 142 to both ends of the spritsail yard, pass it through the double block tied to the forestay, then take it down to the railing and secure it in place to the points indicated in figure I. Repeat this process for yards 143 and 146.
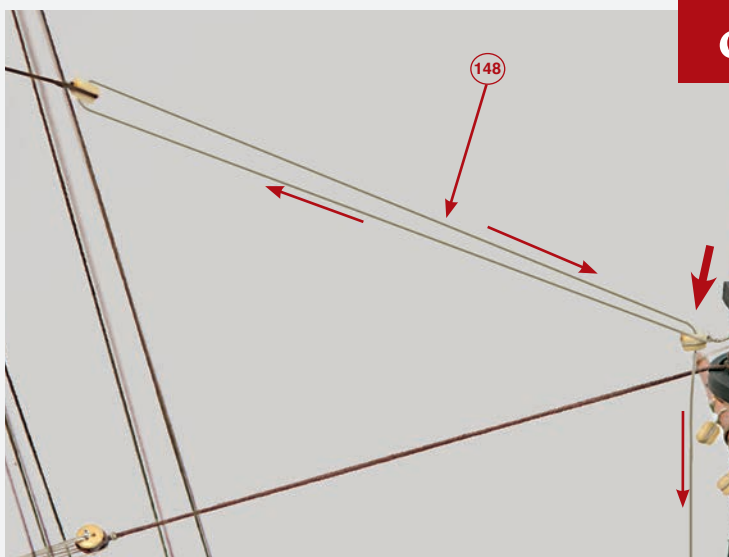
b

To rig braces 144 and 145, tie one end of the thread to the forestay, as shown in figure F, pass it through the corresponding block at the end of the yard and then back through the block tied to the forestay. Repeat for the second brace and then pull the two threads until the yard is taut, and secure them to the pins.
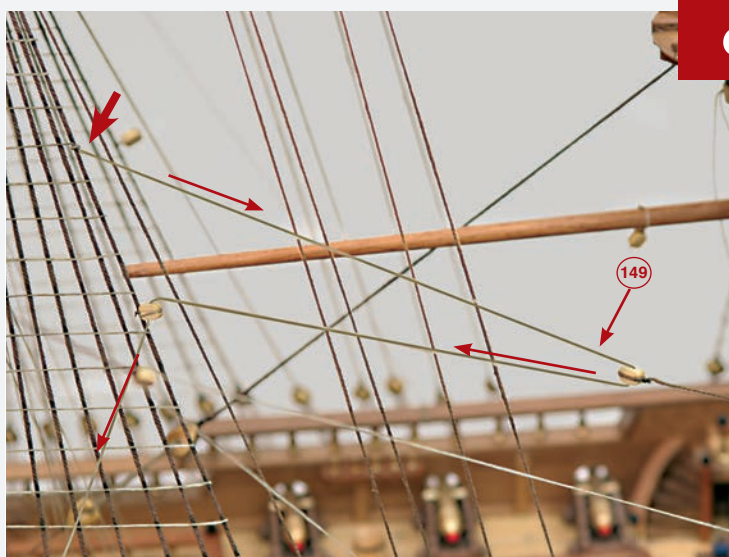
c

Tie braces 147 to the railings above the bulwarks, on both sides of the ship as indicated in figure F. Pass the loose ends through the blocks at the end of the main yard of the mainmast, then take them aft, pulling the yard taut before tying off to the pins indicated in figure I.

d

Tie braces 148 above the block at the front of the mizzen topmast, pass them along to the blocks at the end of main topsail yard, then back through the mizzen topmast block and down to the corresponding pins.
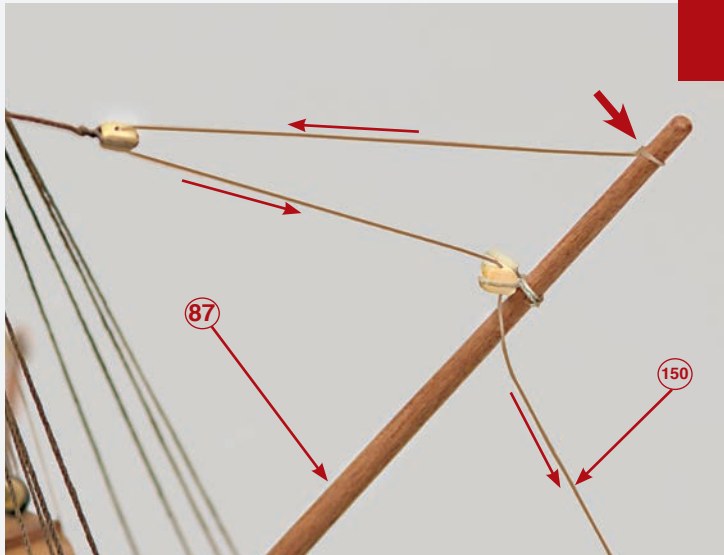

e

Tie braces 149 to the aft shroud of the mainmast, pass them back through the blocks at the end of the cross-jack yard and forward through the blocks tied to the shrouds, then tie them off to the pins after pulling the yard taut.
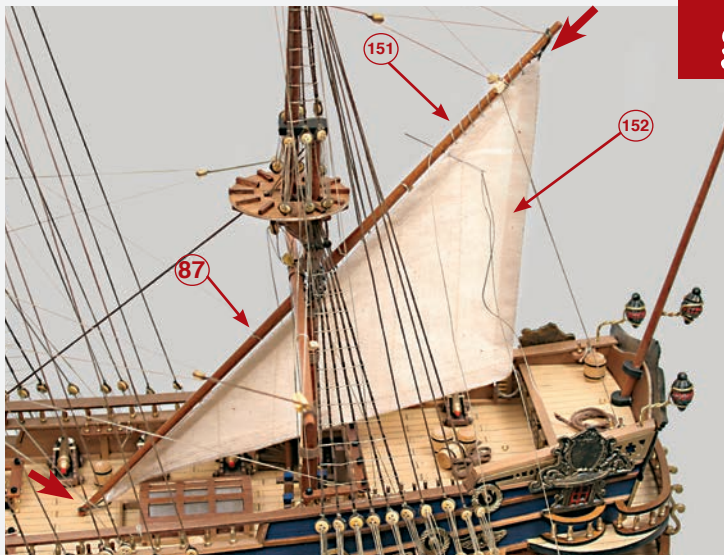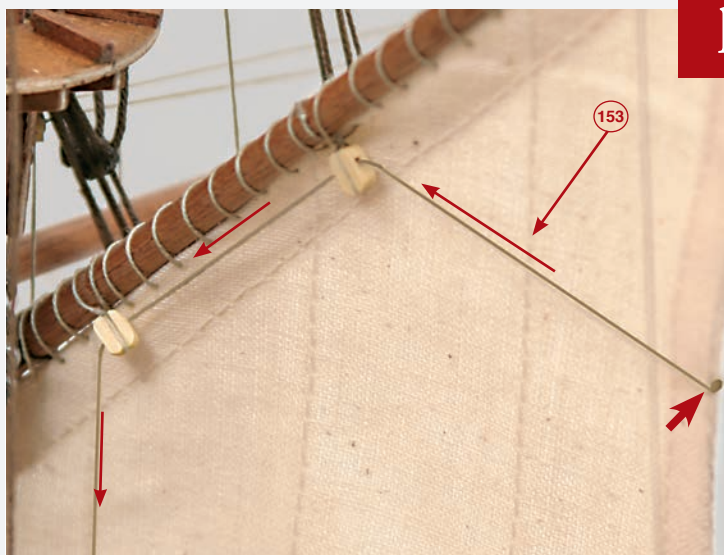
f

Tie braces 150 to the end of the driver (87). Pass the threads through the blocks of the mizzen topmast yard and back through the blocks on the driver, then pull the yard taut and tie off to the pins indicated in figure I.
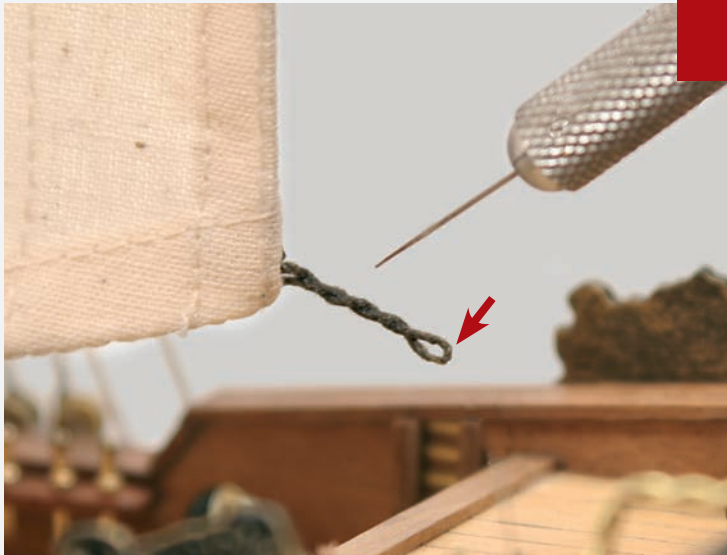
g

Fit the loops at the ends of the sail (152) to the top and bottom of the driver (87). With a needle and thread (151), sew the sail to the yard, beginning at the top. When you come to the end of the sail, tie a knot and cut off the excess thread.
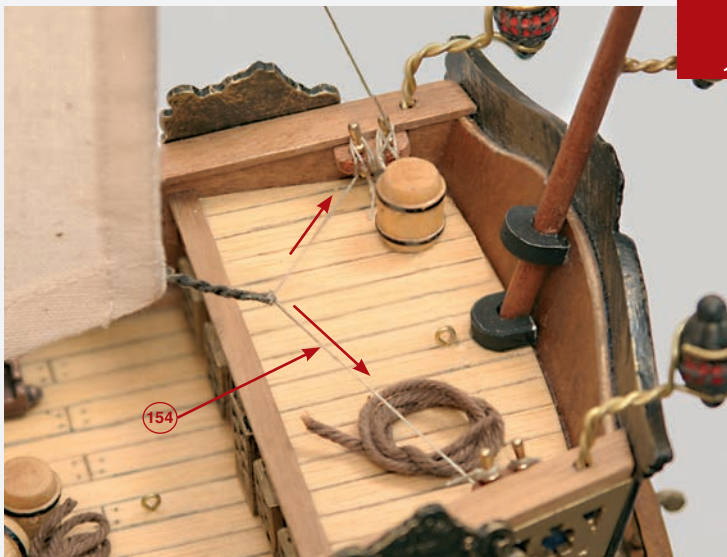
h

Tie a driver brail, 153, to the aft edge of the sail. Attach two blocks to the driver, as shown. Pass the brail through both blocks, then down, tying it off on the bulwark railing.

i

Take the loop in the bottom corner of the sail (152) and twist it around as shown, leaving an opening at the end. To prevent it unravelling, apply a few drops of superglue.

j

Pass the driver sheet (154) through the twisted loop of the sail (152) and tie off each end to the remaining pins on the transom pin rails.

k

The photo shows how the assembly should look at this stage. Keep any left-over material, as it will be used later.