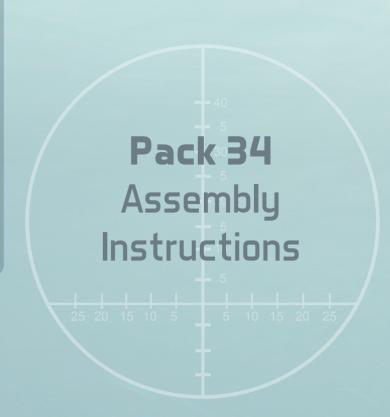
U 96 U-BOAT

Kit 133: The upper deck (III)

Kit 134: The upper deck (IV)

Kit 135: Conning tower assembly

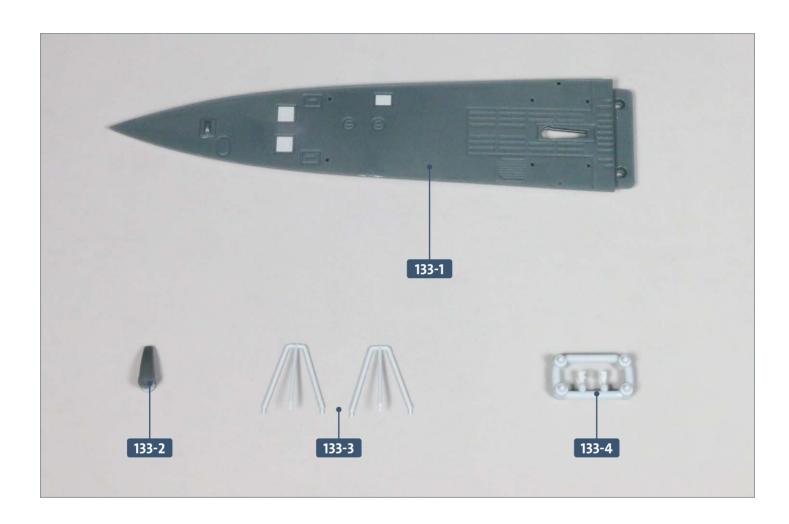
Kit 136: The Eight-Eight





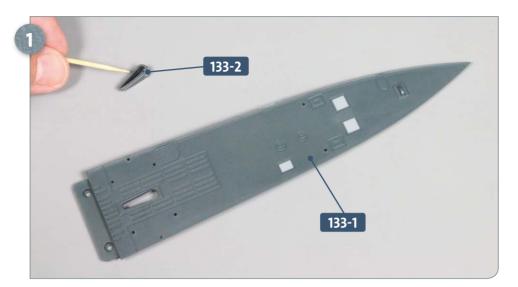
Kit 133: The upper deck (III)

In this kit, two trestles and the stern navigation light are mounted on the stern section of the upper deck.

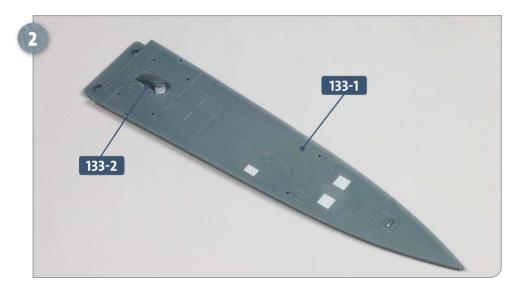


Parts reference list		
Part no.	Name	
133-1	Stern section, upper deck	
133-2	Stern navigation light	
133-3	Trestles for net reflector antenna	
133-4	Aft antenna mounts	

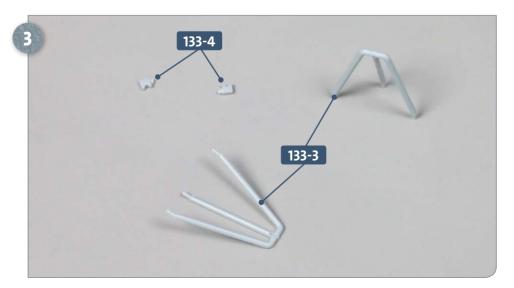
STAGE 1 → Mounting the stern navigation light and trestles



Place the stern section of the upper deck 133-1 on your work surface. Take the stern navigation light 133-2 and apply a little glue to the lower edge, as pictured.

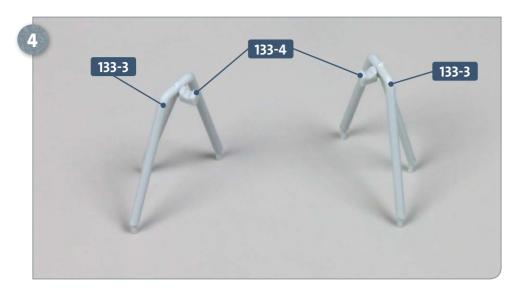


Fit the stern navigation light 133-2 into the conical recess in the stern section of the upper deck 133-1.

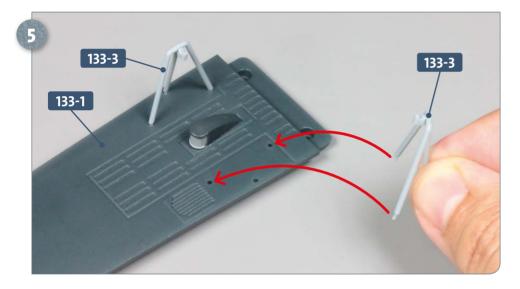


Prepare the two trestles for the net reflector antenna 133-3. Separate the two aft antenna mounts 133-4 from the frame and smooth away any remnants of the connecting framework.

Kit 133: The upper deck (III)

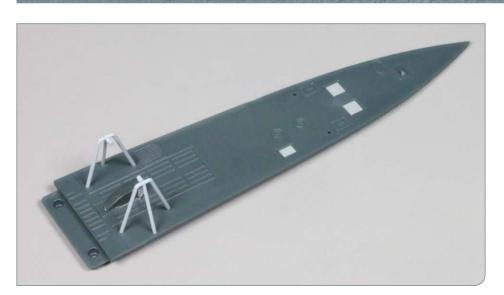


Apply some glue to the small peg of each of the antenna mounts 133-4, then insert into the corresponding recesses in the two trestle supports 133-3, as pictured.



Apply some glue to the three feet of each trestle 133-3 before inserting them into the corresponding holes on either side of the stern upper deck section 133-1.

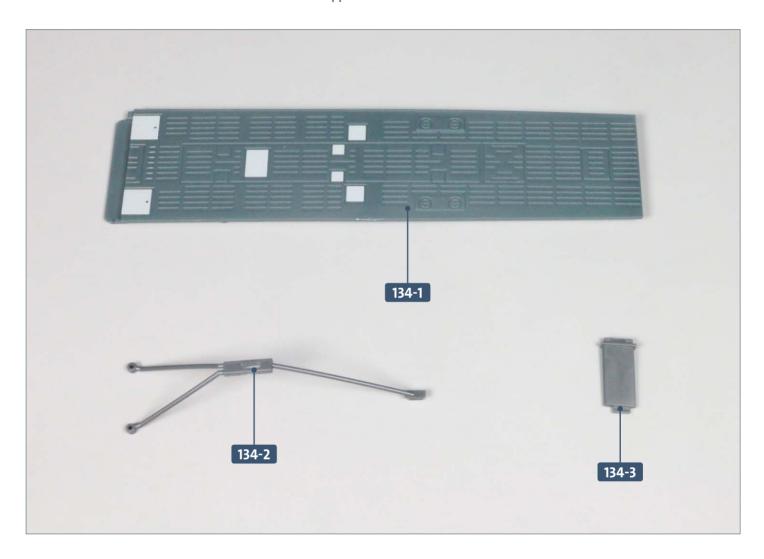
COMPLETED WORK



Two trestles and the stern navigation light have now been mounted onto the stern section of the upper deck.

Kit 134: The upper deck (IV)

In this kit, the rudder hook is connected to the deflector rods before being attached to the stern of the model. The aft deck is then screwed onto the stern section of the upper deck.

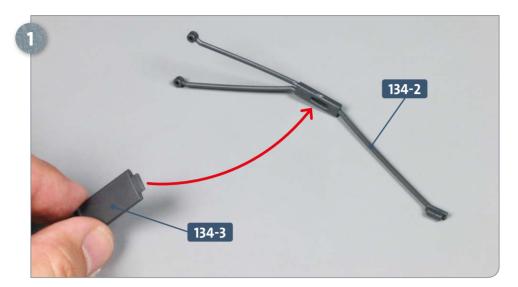


Parts reference list		
Part no.	Name	
134-1	Aft deck	
134-2	Deflector rods	
134-3	Rudder hook	

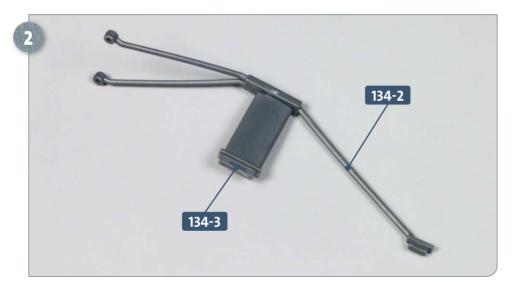


Screws				
Ref	No.	Dimensions		
СР	2 + 1	2 x 4 mm		

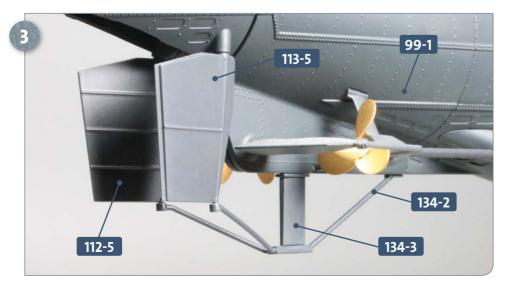
STAGE 1 \rightarrow Attaching the rudder hook



Place the deflector rods 134-2 on your work surface, aligned as shown. Take the rudder hook 134-3, apply a little glue to the narrower peg, and insert it into the socket of the deflector rod, as indicated by the arrow.

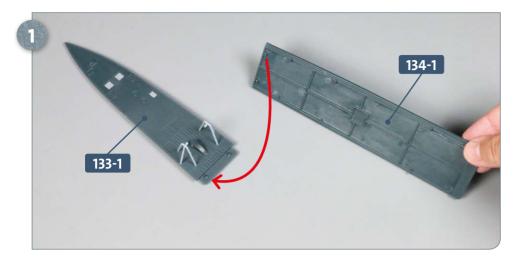


This photograph shows the rudder hook 134-3 correctly attached to the deflector rods 134-2.

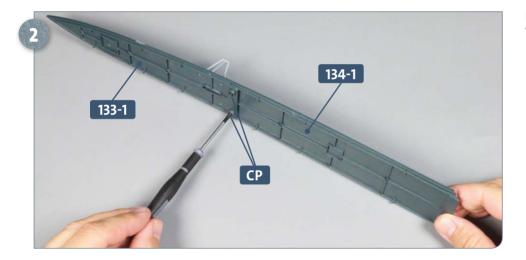


Next, apply a little glue to the wide peg at the front end of the deflector rods 134-2 and to the wider peg at the top end of the rudder hook 134-3, and insert them into the recesses on the underside of the hull sections 99-1 and 98-1 (not shown). The eyelets at the rear end of the deflector rods will receive the pegs at the ends of the rudders 112-5 and 113-5. Do not apply glue to these.

STAGE 2 \rightarrow Joining the upper deck sections

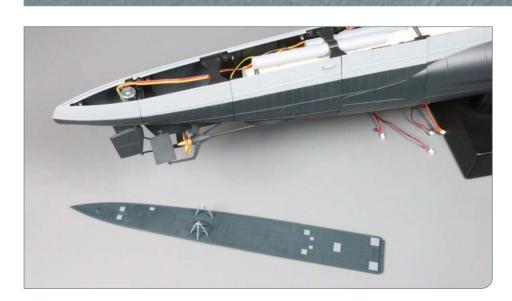


Place the stern section of the upper deck 133-1 on your work surface. Take the aft deck 134-1 and fit its rear end to the front end of the stern section, as indicated by the red arrow. See also step 2 for the correct alignment.



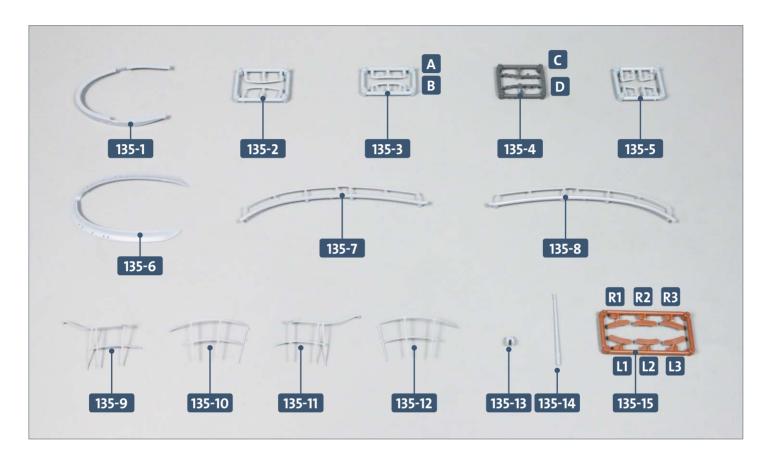
Fasten the two deck sections 133-1 and 134-1 together using two **CP** screws.

COMPLETED WORK



The two aft sections of the upper deck are now joined together. The rudder hook and deflector rods have also been attached to the stern of the model.

In this kit, you will build two conning tower subassemblies. The conning tower wall is also fitted with various details and the anti-aircraft machine gun is mounted.

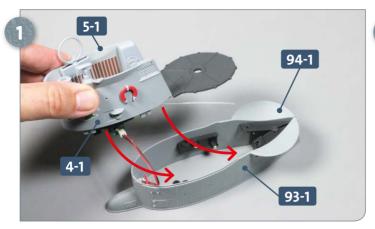


Parts reference list		
Part no.	Name	
135-1	Wind deflector	
135-2	Two upper handrails	
135-3	Two handrails (A, B)	
135-4	Two antenna mounts (C, D)	
135-5	Four steps	
135-6	Breakwater (Collar)	
135-7	Port (L) handrail	
135-8	Starboard (R) handrail	
135-9, 135-10	Two safety rails (port/L)	
135-11, 135-12	Two safety rails (starboard/R)	
135-13	Flagpole mount	
135-14	Flagpole	
135-15	Seat for safety rails	

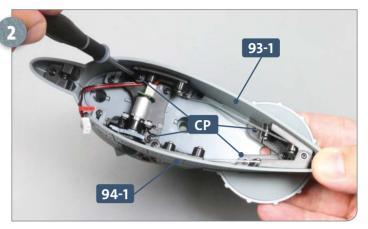


Screws			
Ref	No.	Dimensions	
СР	6+1	2 x 4 mm	

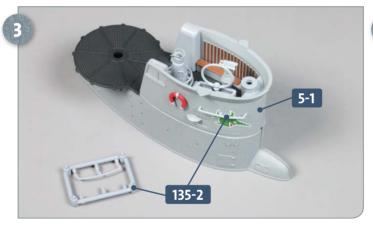
STAGE 1 \rightarrow The conning tower



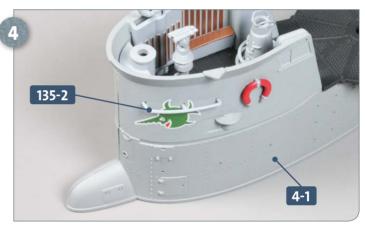
Take the upper half of the conning tower **4-1/5-1** and the lower half **93-1/94-1**: fit the two assemblies together as indicated by the red arrows.



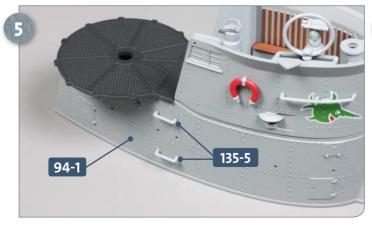
Hold the assembled conning tower together firmly and then screw in four **CP** screws from below, into the holes of the corresponding connectors on the lower halves of the conning tower, **93-1** and **94-1**, as pictured above.



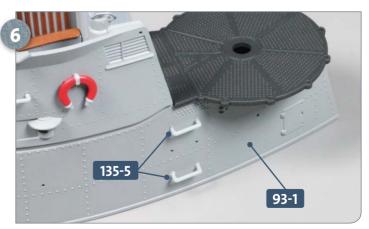
Separate one of the two upper handrails from frame 135-2. Apply a little glue to the three pegs and insert them into the holes in the bulwark of the starboard (R) side upper conning tower 5-1.



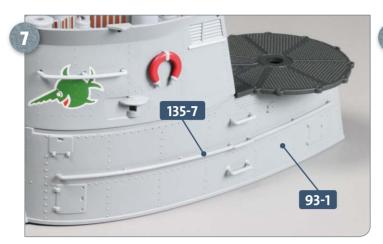
The second upper handrail **135-2** is glued to the same place on the bulwark of the portside (L) upper conning tower **4-1**.



Detach two steps from frame 135-5 and fit them into the holes of the starboard (R) side lower conning tower section 94-1, as pictured above.



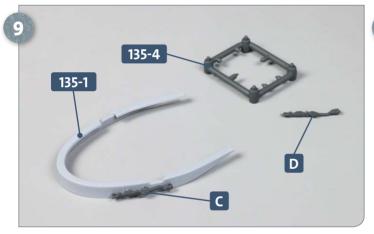
Attach two more steps 135-5 to the lower portside (L) conning tower section 93-1 in a similar position.



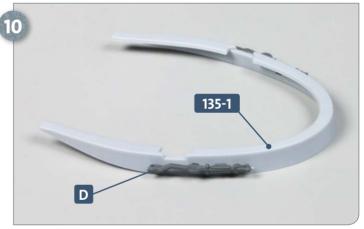
Detach the large port (L) handrail 135-7 from its frame by cutting the four connecting points. Apply some glue to the seven pegs of the handrail and glue them into the corresponding holes in the lower portside (L) conning tower section 93-1.



Repeat the previous step for the starboard (R) conning tower section **94-1**: first detach the starboard (R) handrail **135-8** from its frame, apply some glue to the seven pegs, and glue them to the holes along the side of the conning tower, as shown.



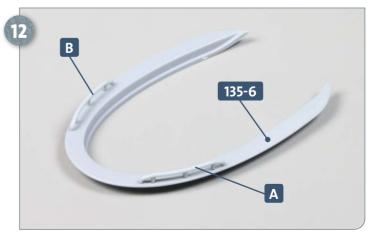
Next, take the wind deflector 135-1 and frame 135-4. Before detaching the antenna mounts C and D, study the parts carefully so as not to mix them up. Glue mount C to the port (L) side of the wind deflector 135-1, as shown above.



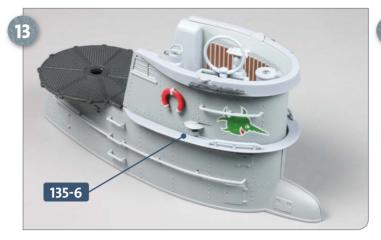
Glue mount **D** to the starboard (R) side of the wind deflector **135-1**, as pictured.



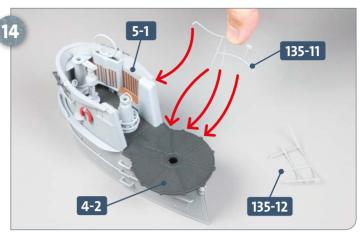
Attach the wind deflector 135-1 to the upper edge of the bulwarks 4-1/5-1. To do so, gently push the two sides of the deflector apart and slide the part backwards until it stops.



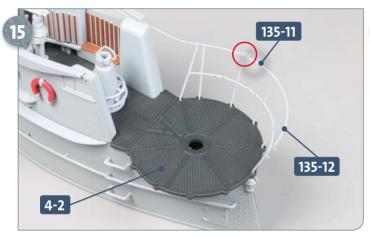
Detach the two handles **A** and **B** from frame **135-3** and glue them to the breakwater **135-6**. Test-fit them before you apply the glue to check which handle belongs on which side.



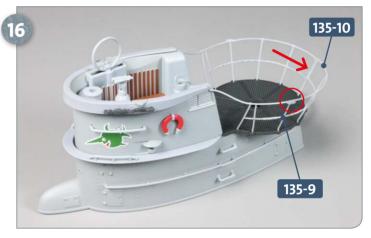
Next, install the breakwater **135-6** in the recess where the two halves of the conning tower join. Read through the next three steps carefully before proceeding.



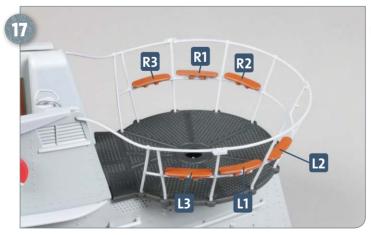
Have ready the two starboard (R) safety railings 135-11 and 135-12. Apply a small amount of glue to the three feet and angled front end of the forward railing 135-11 and insert into the recesses of the bridge deck 4-2 and bulwark 5-1 respectively, as pictured.



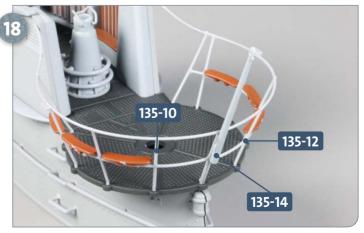
Apply glue to the three feet and two side struts of the aft starboard (R) railing 135-12 and insert them into the supports in the bridge deck 4-2 and the counterparts of railing 135-11. There is a notch at the end of the upper rail of 135-11 into which the end of rail 135-12 fits (circled).



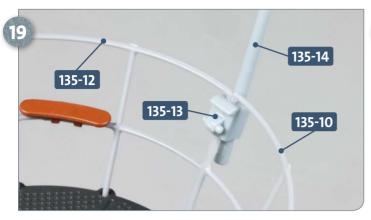
In the same way, glue the two railings 135-9 and 135-10 on the portside (L). Note that there is a notch in rail 135-9 that receives the end of rail 135-10 (circled). Next, glue the two vertical struts of the two aft railings together at the location indicated by the arrow.



After noting that three seats are labelled left and three are labelled right, detach the seats from frame 135-15 as and when they are needed. Glue them to the crossbars of the safety railings in the arrangement pictured above.



Take the flagpole 135-14 and apply a little glue to the two holes. Glue the pole to the two pegs of railings 135-10 and 135-12.

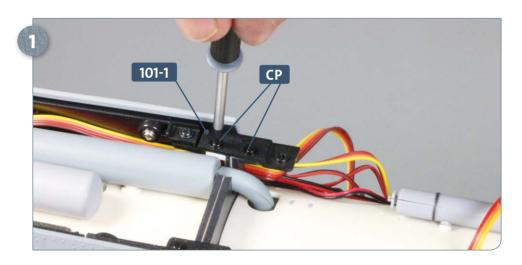


Take the mount 135-13 and glue it to the two vertical struts of railings 135-10 and 135-12, and to the flagpole 135-14.



Take the 2cm anti-aircraft gun you assembled in kit 4. Apply some glue to the bipod E and the lower carriage I and fix them to the bridge deck 4-2.

STAGE 2 → Attaching a connector



Place your model on your work surface. If you haven't already done so, attach connector 101-1 to the bulkhead of the diesel compartment with two CP screws.

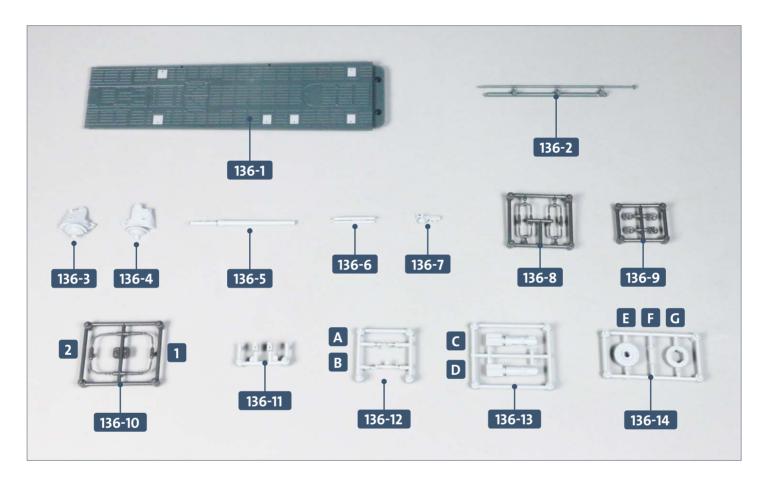
COMPLETED WORK



The conning tower is now largely completed. You will start to attach it to the main model assembly in kit 140.

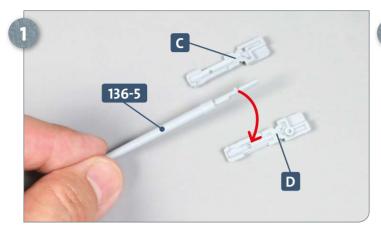
Kit 136: The `Eight-Eight'

In this kit, you will assemble the 8.8cm deck gun. A tube is then attached to the deck section and a bracket mounted at the front of the conning tower.

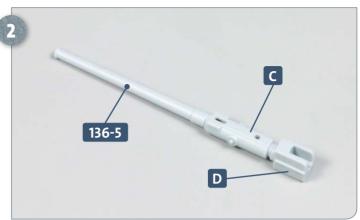


Parts reference list		
Part no.	Part no. Name	
136-1	Deck section	
136-2	Tube	
136-3, 136-4	Carriage (in two halves)	
136-5	Gun barrel	
136-6	Recoil brake	
136-7	Adjustment wheels for sight	
136-8, 136-10	Protective bar	
136-9	Four wheels for azimuth and elevation adjustment	
136-11	Handwheel housings	
136-12	Sight (A, B)	
136-13	Breech (C, D)	
136-14	Rotating ring and bracket (E, F, G)	

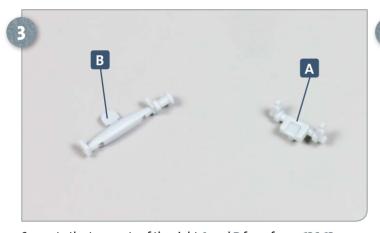
STAGE 1 → Assembly of the 8.8cm deck gun



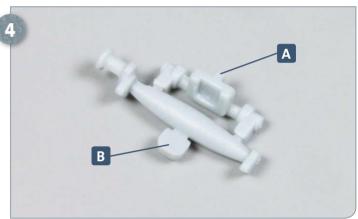
Remove the two halves of the breech, **C** and **D**, from frame **136-13** and set them aside. Take the barrel **136-5**, apply some glue to the peg, and insert it into the recess of part **D**, as indicated.



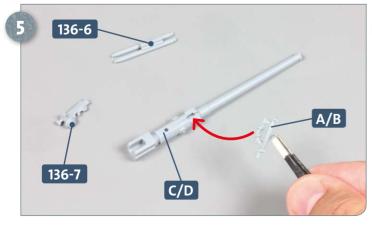
The barrel 136-5 is now attached to half of the breech, **D**. Apply a thin layer of glue to the contact surfaces of the two breech halves **C** and **D** and join them together.



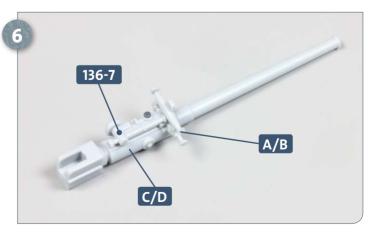
Separate the two parts of the sight A and B from frame 136-12.



Apply a little glue to the two pegs of part **A** and insert them into the recesses of part **B**. Pay close attention to the correct alignment of the two parts.

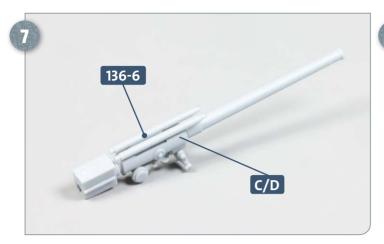


Apply a little glue to the peg of the sight A/B and insert it into the slot at the top of the breech C/D, as indicated by the arrow. Also, have ready parts 136-6 and 136-7.

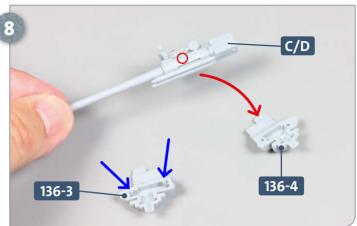


Glue the adjustment wheels 136-7 to the breech C/D directly behind the sight A/B with some glue, inserting the peg into the hole, as shown above.

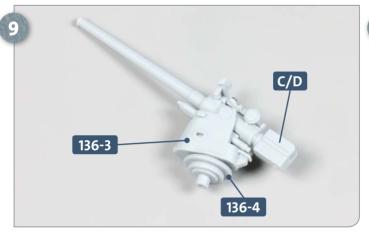
Kit 136: The 'Eight-Eight'



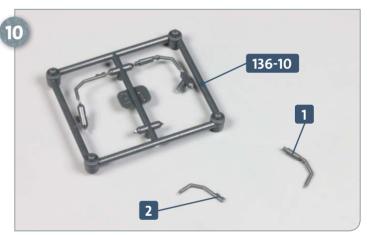
Turn the gun assembly upside down. The recoil brake **136-6** is glued to the underside of the breech **C/D**.



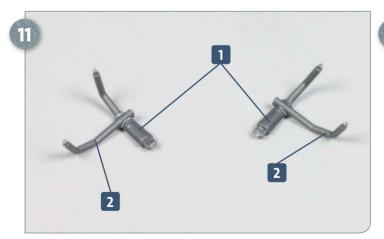
Have ready the two halves of the carriage 136-3 and 136-4. Insert the peg of the breech block C/D (circled) into the recess of 136-4, indicated by the red arrow: do not glue it, as the barrel should remain height adjustable. Apply glue to the two pegs of 136-3 (see blue arrows).



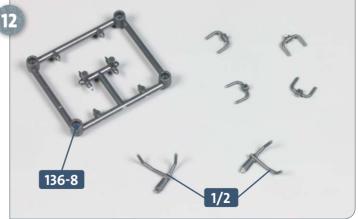
Connect the two halves of the carriage 136-3 and 136-4. The barrel and breech **C/D** is now mounted in the carriage and is height adjustable.



Detach one each of parts 1 and 2 from frame 136-10, as pictured.

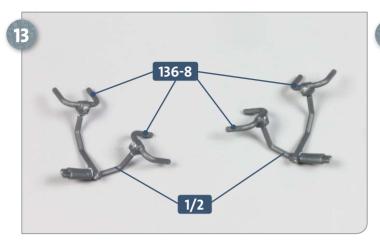


Apply some glue to the underside of the curve of part 2 and glue it to the narrow part of part 1. Use the second parts 1 and 2 to make a second, mirror-image assembly, as pictured.

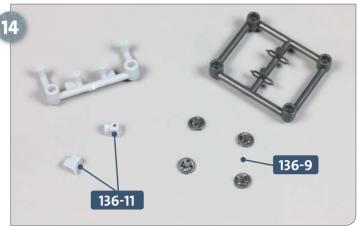


Separate the four identical parts from frame 136-8. They will be joined together with the two 1/2 assemblies in the next step to create two protective bars.

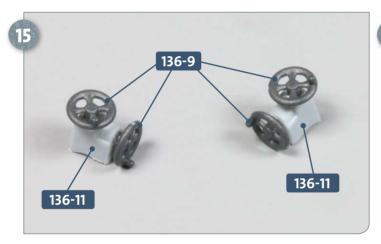
Kit 136: The 'Eight-Eight'



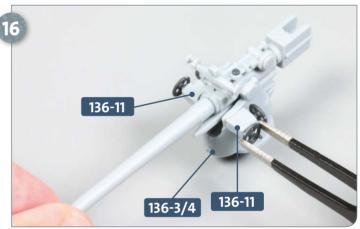
Glue one of the parts from frame 136-8 to each of the two free narrow ends of the parts 1/2 assemblies, as shown in the photo.



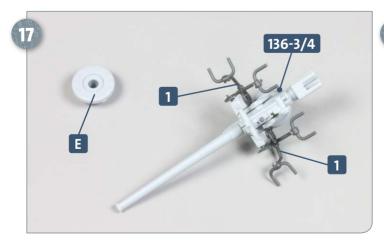
Next, separate the two housings **136-11** and four handwheels **136-9** from their frames.



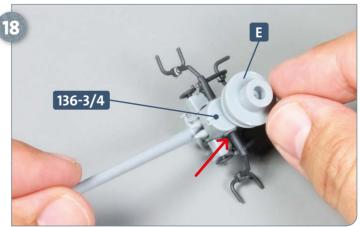
Glue two handwheels **136-9** to each of the housings **136-11**. To do this, insert the central pegs of the handwheels into the corresponding holes in the housings.



Glue one housing 136-11 onto each side of the carriage 136-3/4, as shown in the photo.

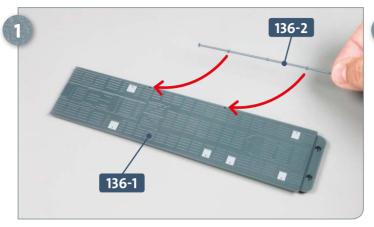


Next, glue a protective bracket a little further down on either side of the carriage 136-3/4: insert the peg of 1 into the recess of the carriage (see also the arrow in the next photo). Separate the rotating ring E from frame 136-14.

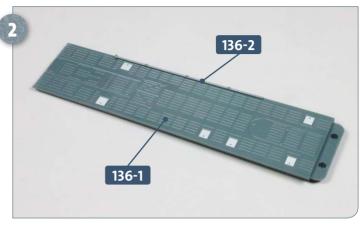


Glue the rotating ring **E** to the underside of the carriage **136-3/4**, as pictured above.

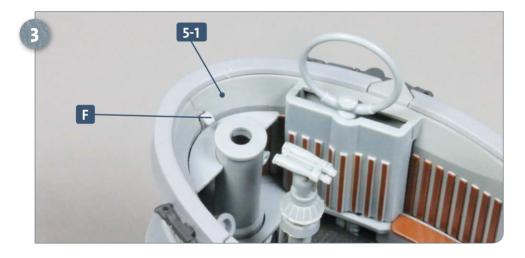
STAGE 2 → Mounting the tube and bracket



Separate the tube **136-2** from the frame. Add a little glue to the two pegs and insert them into the holes in the deck section **136-1**, as shown above.

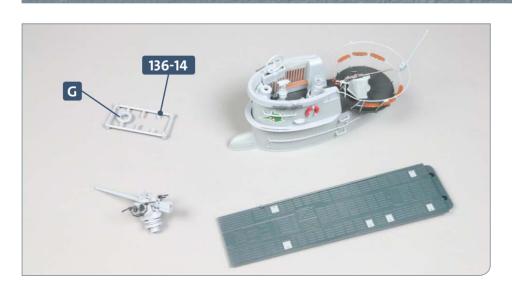


The photo shows the tube 136-2 is glued to the starboard (R) side of deck section 136-1.



Place the conning tower on your work surface. Detach the bracket, F, from frame 136-14. Glue the bracket into the recess located at the front of the starboard (R) side bulwark 5-1.

COMPLETED WORK



The 8.8cm gun has now been assembled, a tube has been attached to the deck section and a bracket is attached to the conning tower. Store the frame with the lower part of the rotating ring, G, in a safe place.