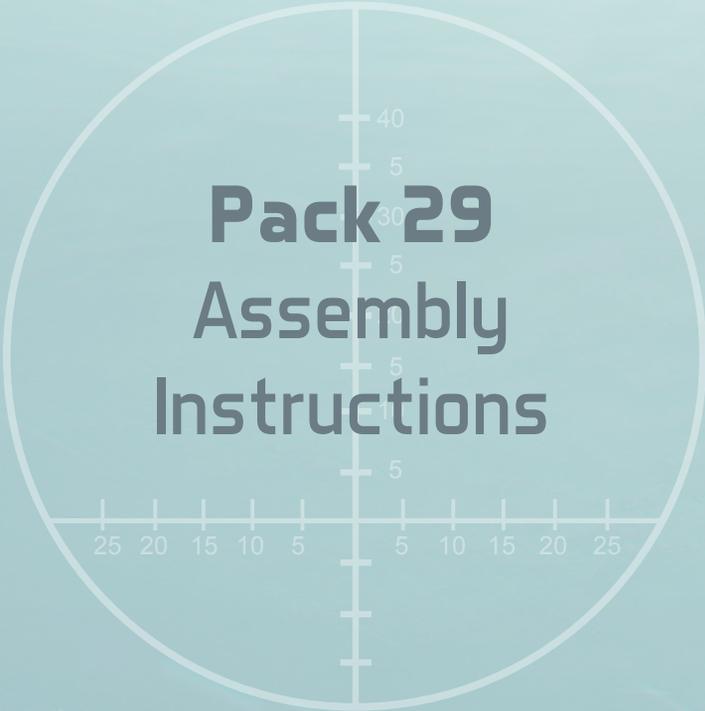


U 96

U-BOAT



Pack 29 Assembly Instructions

Kit 113: Starboard tail section

Kit 114: Rudder motor

Kit 115: Stern torpedo tube

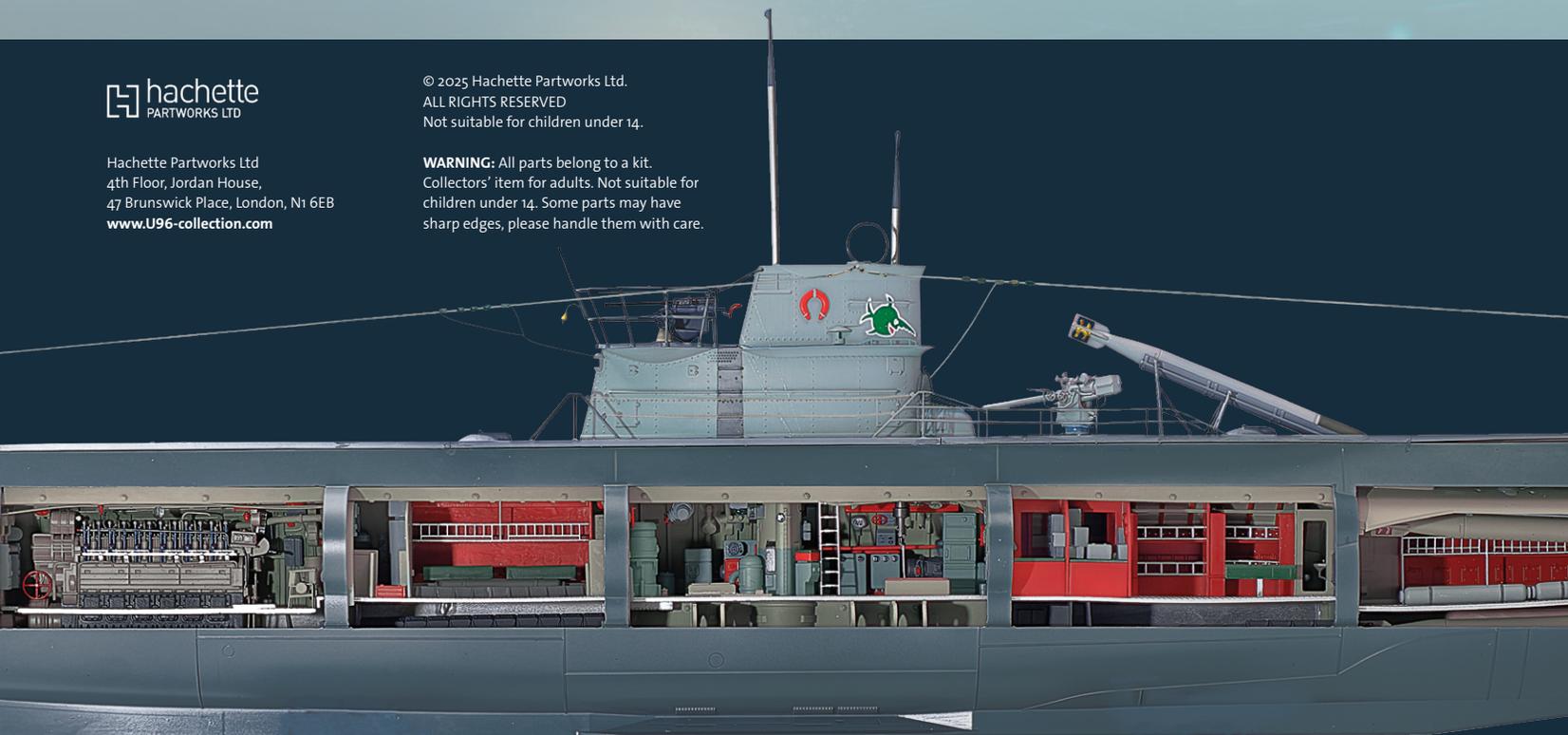
Kit 116: The next hull section

 **hachette**
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4th Floor, Jordan House,
47 Brunswick Place, London, N1 6EB
www.U96-collection.com

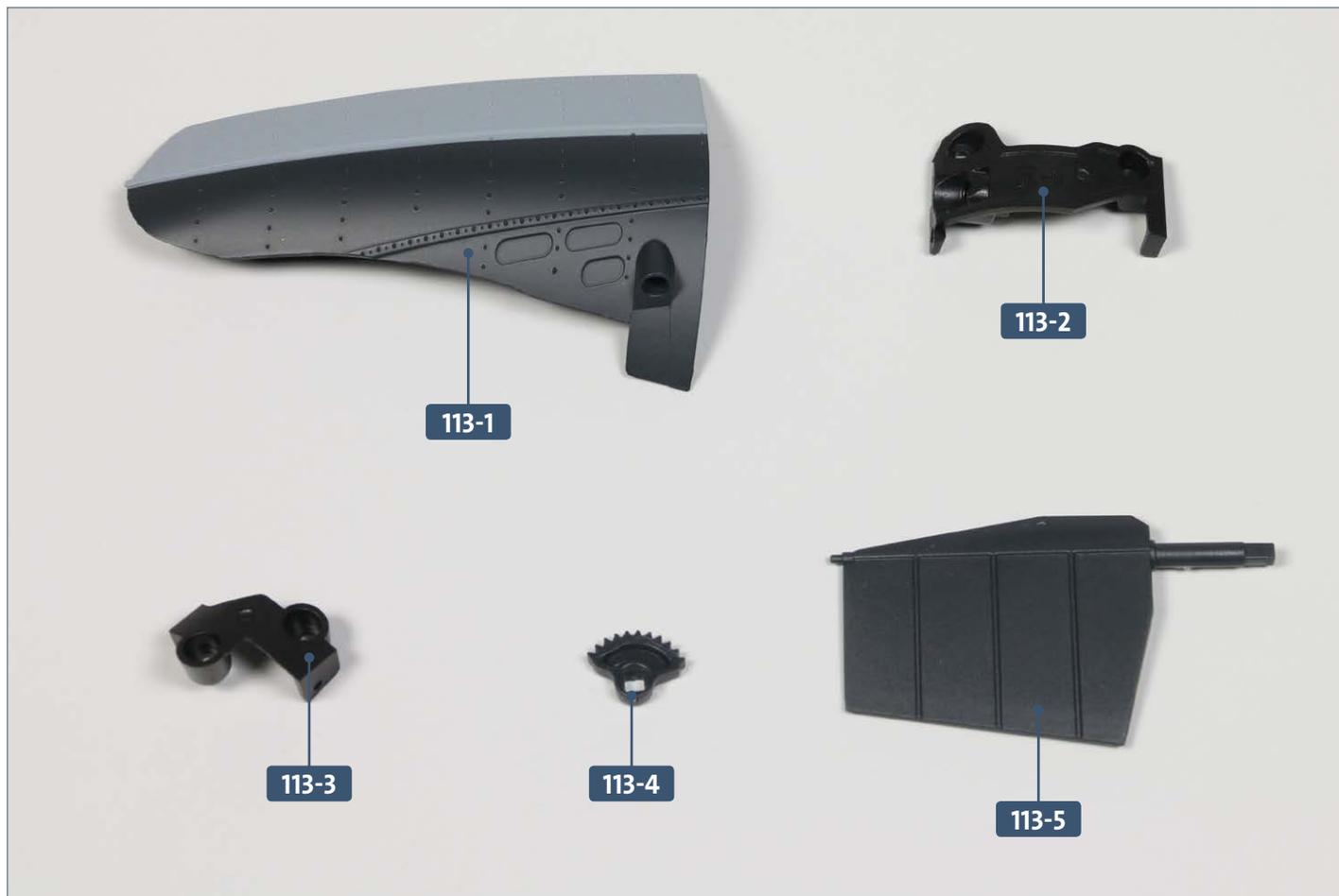
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ALL RIGHTS RESERVED
Not suitable for children under 14.

WARNING: All parts belong to a kit.
Collectors' item for adults. Not suitable for
children under 14. Some parts may have
sharp edges, please handle them with care.

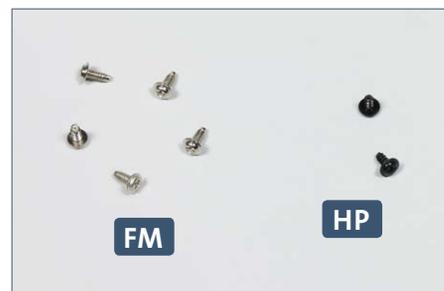


Kit 113: Starboard tail section

In this kit, two connectors are attached to the starboard (R) tail section, followed by the starboard (R) rudder and a swivel gear.



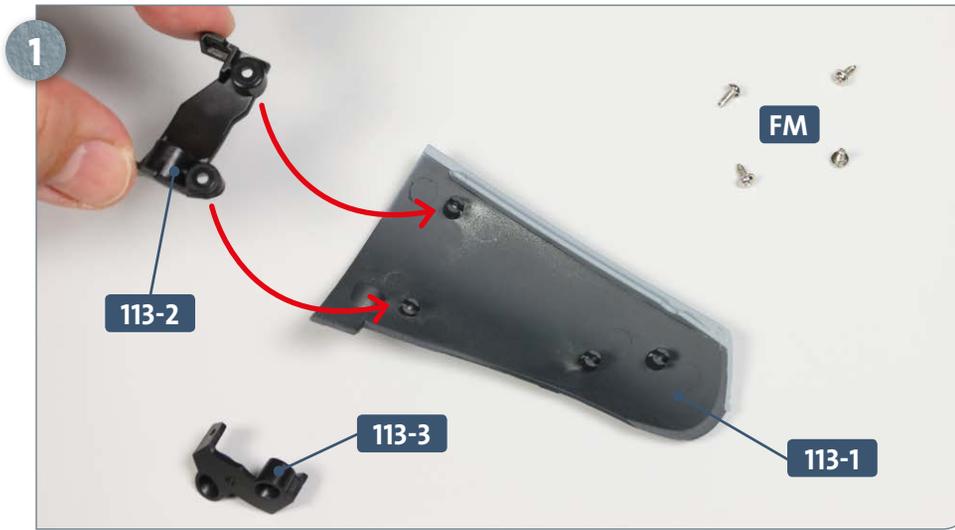
Parts reference list	
Part no.	Name
113-1	Starboard (R) tail section
113-2	Connector
113-3	Connector
113-4	Swivel gear
113-5	Starboard (R) rudder



Screws		
Ref	No.	Dimensions
FM	4 + 1	2 x 4 mm
HP	1 + 1	1.7 x 4 mm

Kit 113: Starboard tail section

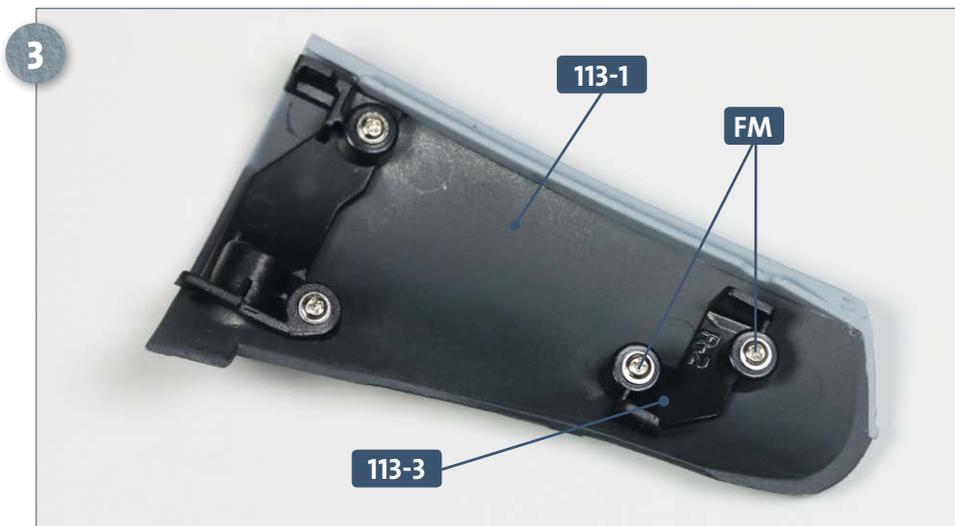
STAGE 1 → Work on the starboard (R) tail section



Place the starboard (R) tail section **113-1**, both connectors **113-2** and **113-3** and four **FM** screws on your work surface. Take connector **113-2** and fit it onto the two raised sockets at the forward end of the tail section, as indicated. Pay attention to the correct orientation of the connector.



Fix the connector **113-2** in place with two **FM** screws.

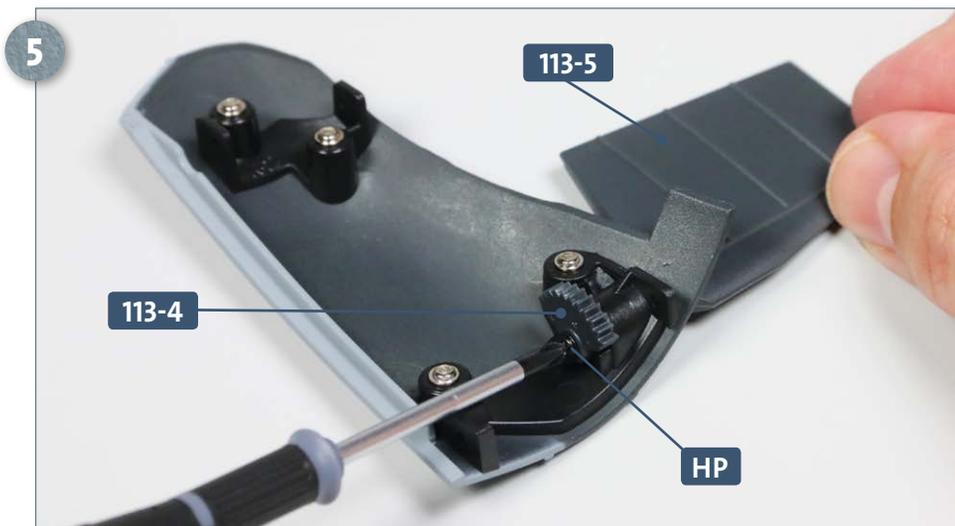


Fit connector **113-3** onto the two raised sockets at the aft end of the tail section **113-1** and fix in place using the other two **FM** screws.

Kit 113: Starboard tail section



Take the starboard (R) rudder **113-5** and guide its shaft through the hole in the tail section **113-1** and into the connector behind it **113-2**.



Take the swivel gear **113-4**, fit it onto the shaft end of the rudder **113-5** and fasten in place using an **HP** screw. Pay attention to the correct orientation of the gear.

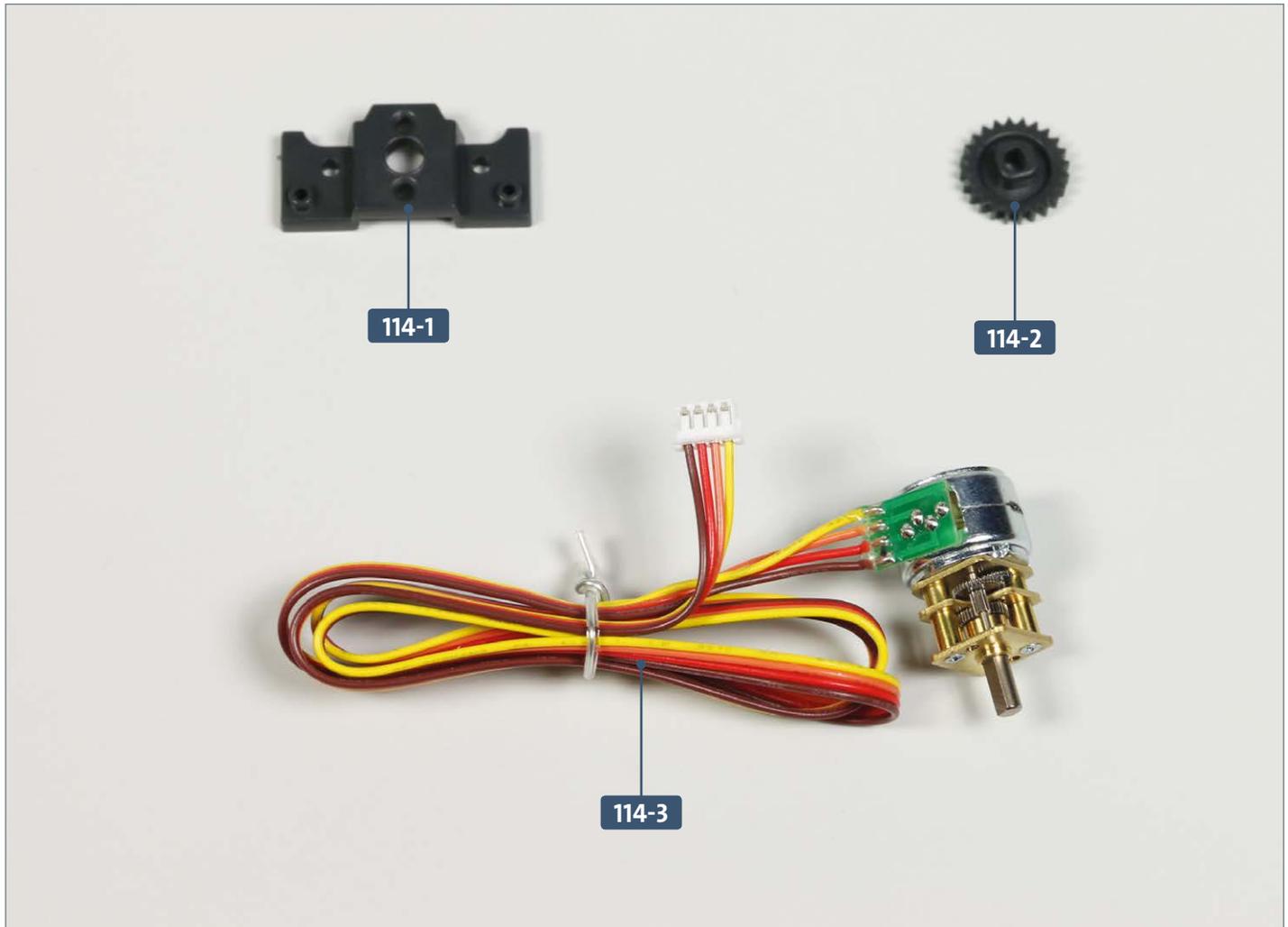
COMPLETED WORK



Two connectors and the starboard (R) rudder have now been attached to the starboard (R) tail section.

Kit 114: Rudder motor

In this kit, a mounting plate and a cog are attached to the rudder motor.



Parts reference list	
Part no.	Name
114-1	Mounting plate
114-2	Cog
114-3	Motor

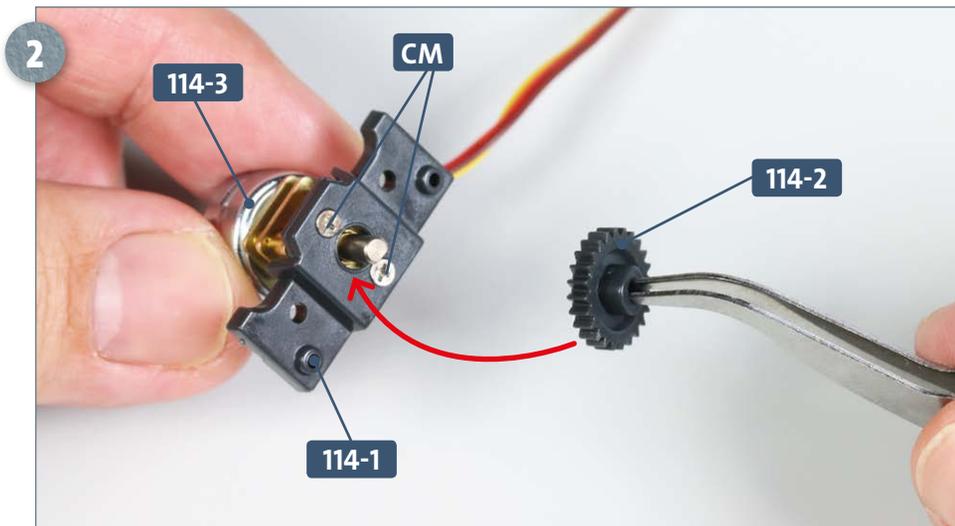


Screws		
Ref	No.	Dimensions
CM	2 + 1	1.6 x 4 mm

STAGE 1 → Attaching the mounting plate and cog



Have ready two **CM** screws. Take the mounting plate **114-1** and fit its hole over the motor shaft **114-3**. Be careful to align it correctly, as pictured.



Fix the mounting plate **114-1** in position using two **CM** screws. Fit the cog **114-2** onto the motor shaft, as indicated by the arrow. Note that both the motor shaft and the cog have a flat side, which need to be matched up.

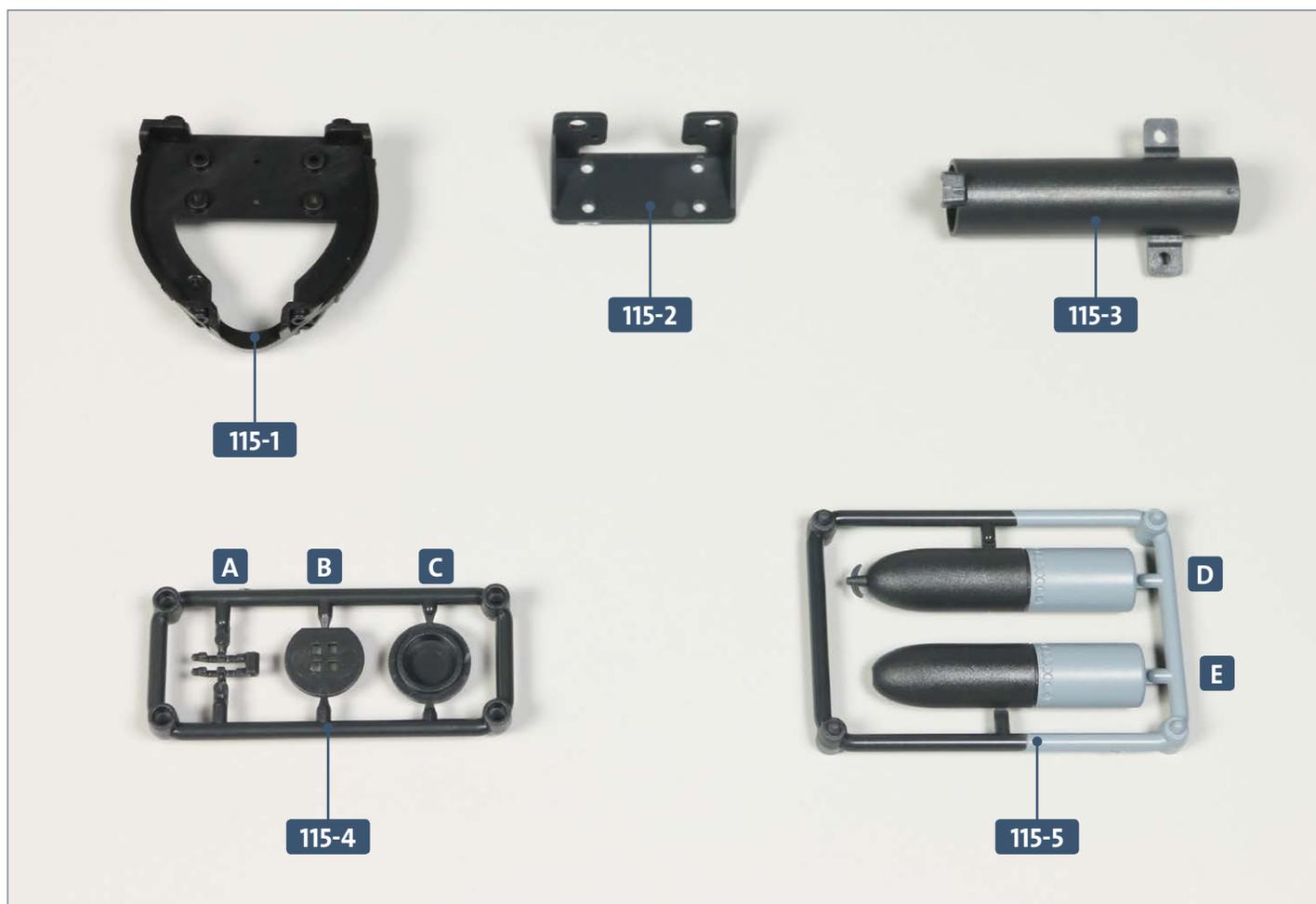
COMPLETED WORK



The motor for the rudder has now been fitted with a mounting plate and a cog.

Kit 115: Stern torpedo tube

In this kit, the stern torpedo tube is fitted with an endpiece and a closure flap. The tube is then mounted in the stern of the vessel, and the two stern sections and rudder motor are attached to the main hull structure.



Parts reference list

Part no.	Name
115-1	Connector
115-2	Mounting plate
115-3	Stern torpedo tube
115-4	Frame (A, B, C)
115-5	Stern torpedo (D, E)



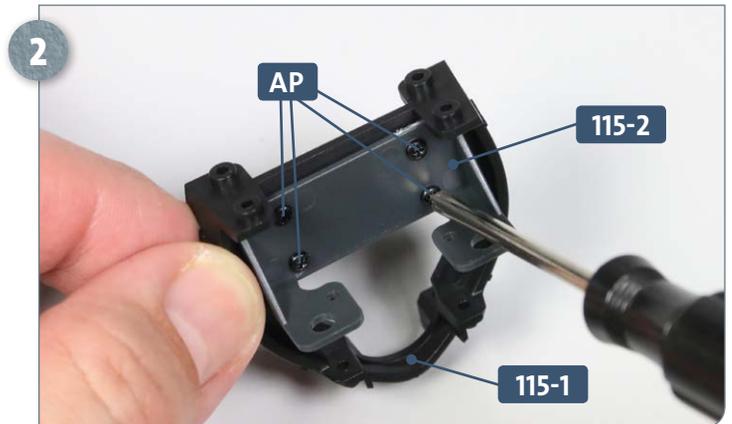
Screws

Ref	No.	Dimensions
AP	18 + 1	2 x 4 mm

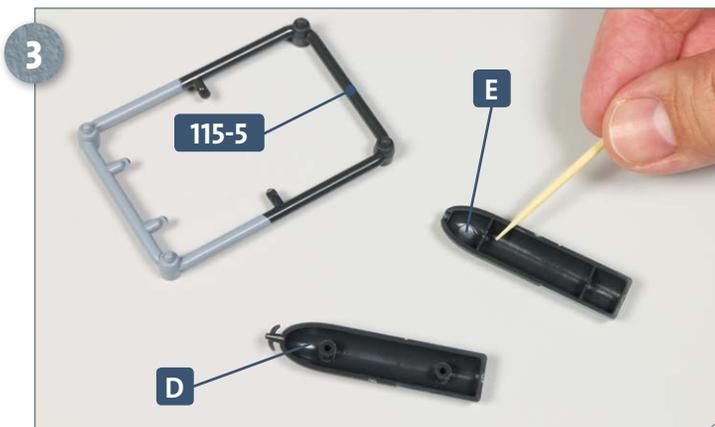
STAGE 1 → Working on the aft end of the model



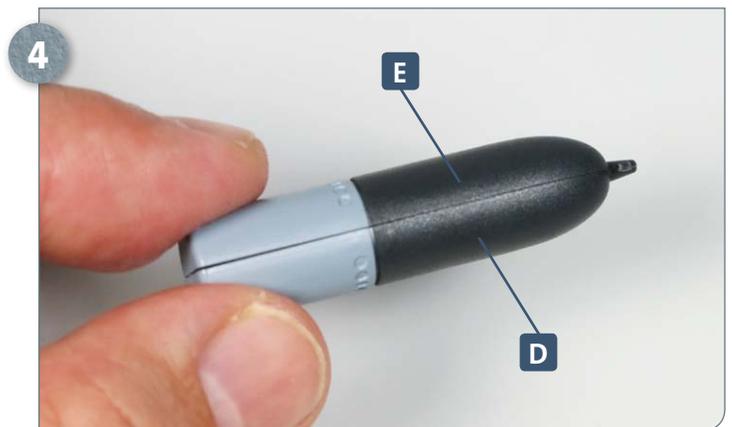
Place the connector **115-1** and four **AP** screws on your work surface. Take the mounting plate **115-2** and fit it onto the connector so that the holes in both pieces align. Also pay close attention to the alignment of the parts themselves.



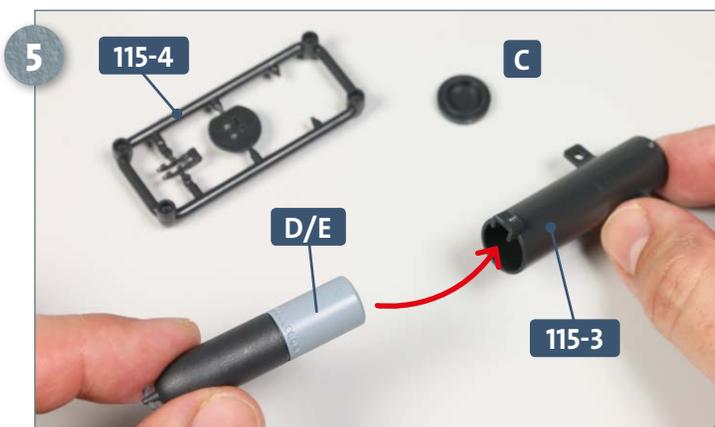
Attach the mounting plate **115-2** to the connector **115-1** with four **AP** screws.



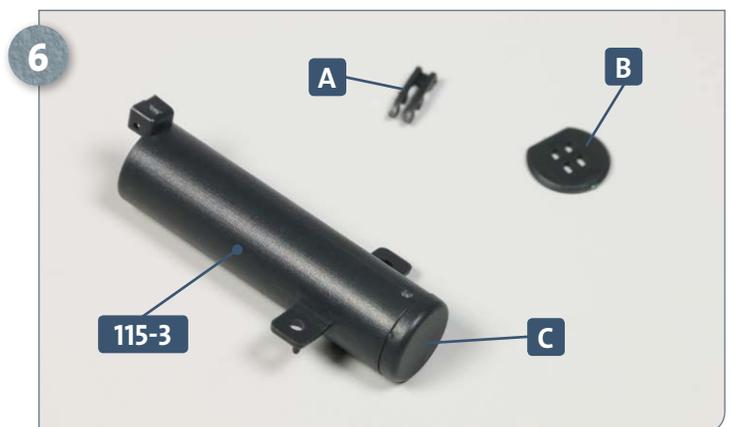
Remove the two torpedo halves **D** and **E** from frame **115-5**. After smoothing any rough edges, apply a little glue to the two pegs of **E**, as pictured.



Fit the two halves of the stern torpedo **D** and **E** together, as shown in the photo.

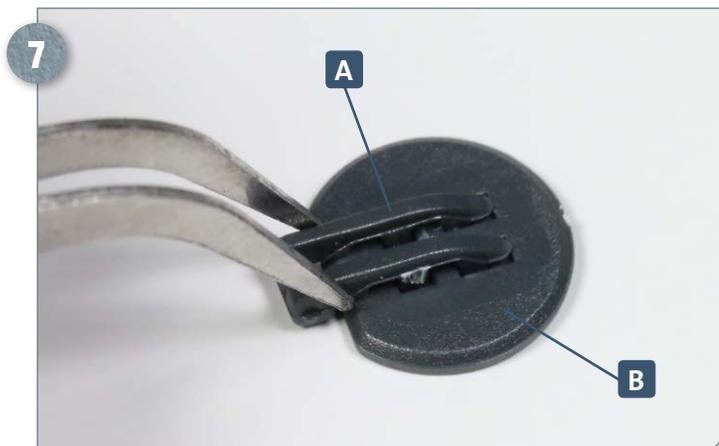


Insert the torpedo **D/E** into the stern torpedo tube **115-3**, making sure both parts are correctly aligned. Separate endpiece **C** from frame **115-4**.



Glue endpiece **C** to the forward end of the stern torpedo tube **115-3**. Detach hinge **A** and cover flap **B** from frame **115-4**.

Kit 115: Stern torpedo tube



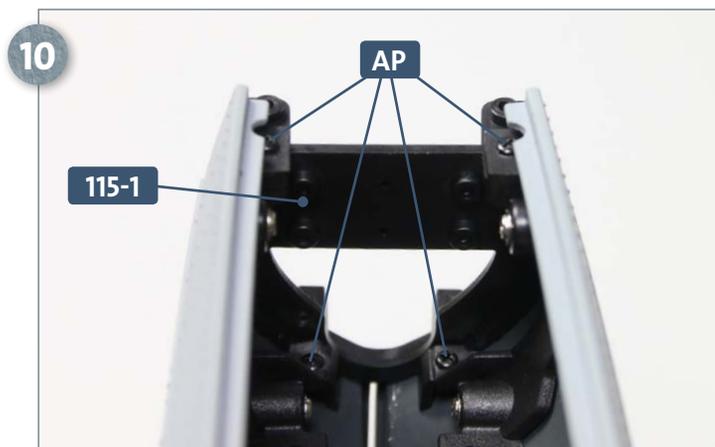
Apply some glue to the pegs of the hinge **A** and glue the part to flap **B**, as shown above.



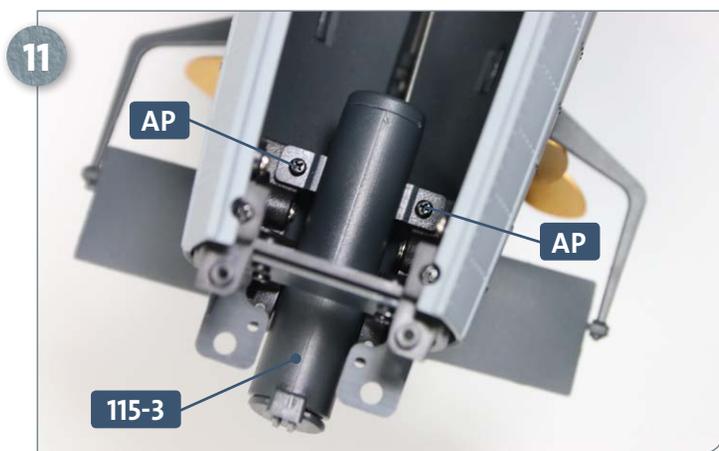
Attach hinge **A** of the cover flap to the aft end of the stern torpedo tube **115-3**: to do this, insert the two small pegs of the hinge into the slots in the tube. The flap should remain free to move.



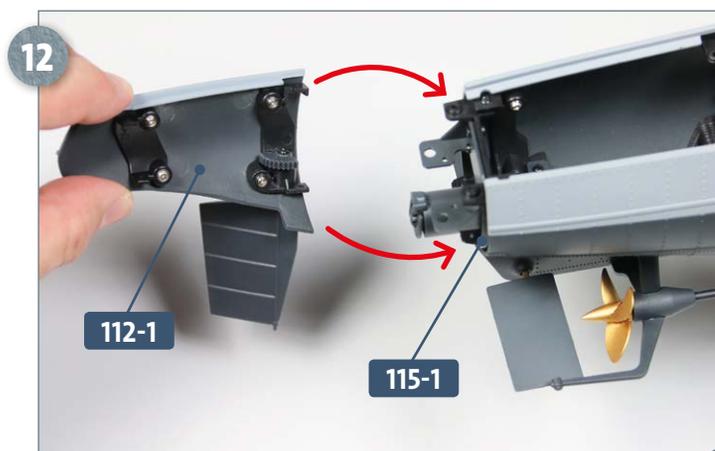
Place your model on your work surface so that you have good access to the aft end. Have ready four **AP** screws. Insert the connector **115-1**, oriented as shown, into the aft of the main structure. See also the next two steps.



Fix the connector **115-1** in place with four **AP** screws into the connectors on either side, as shown.

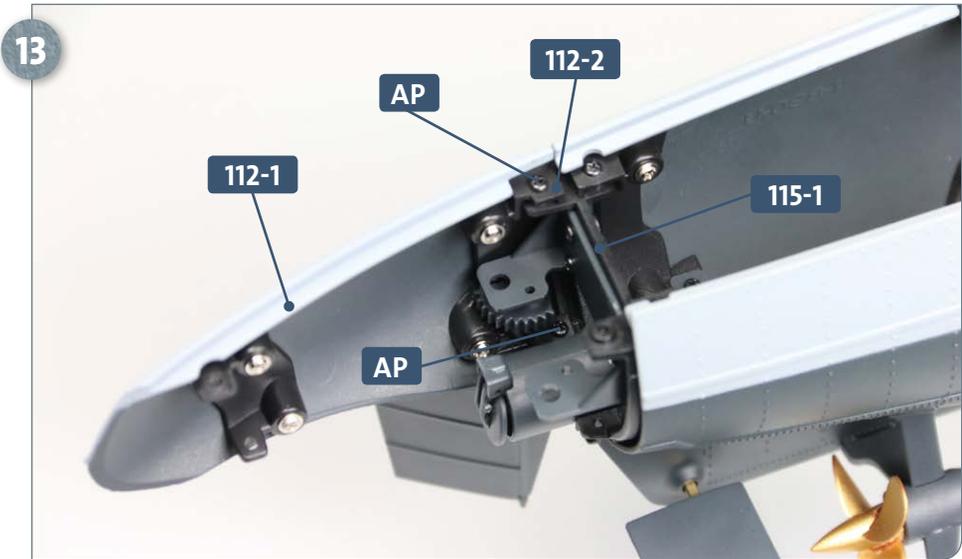


Insert the stern torpedo tube assembly **115-3** into the hull structure and fasten in place with two **AP** screws onto the previously mounted connectors, as pictured.

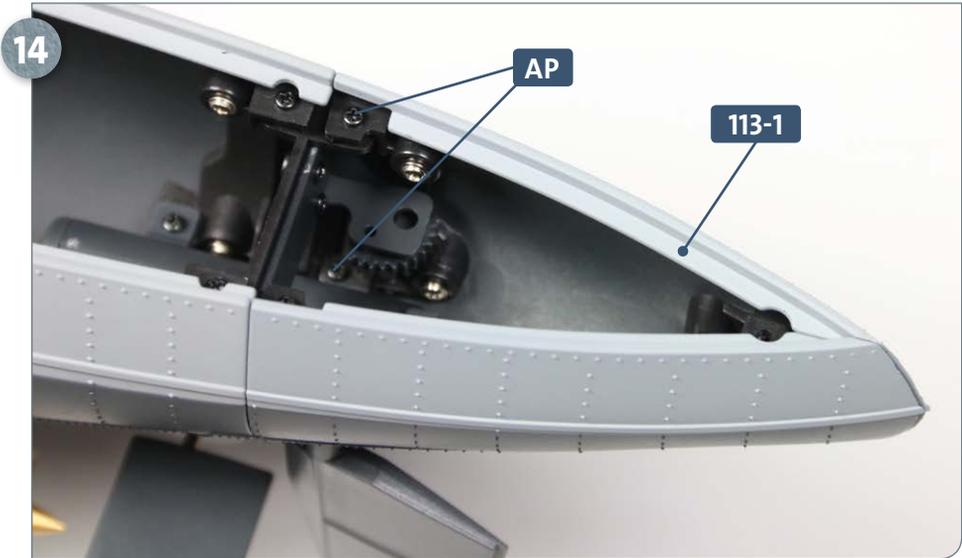


Take the port (L) tail section **112-1** and fit it along the port (L) side of the hull onto the connector **115-1**, as shown by the two arrows.

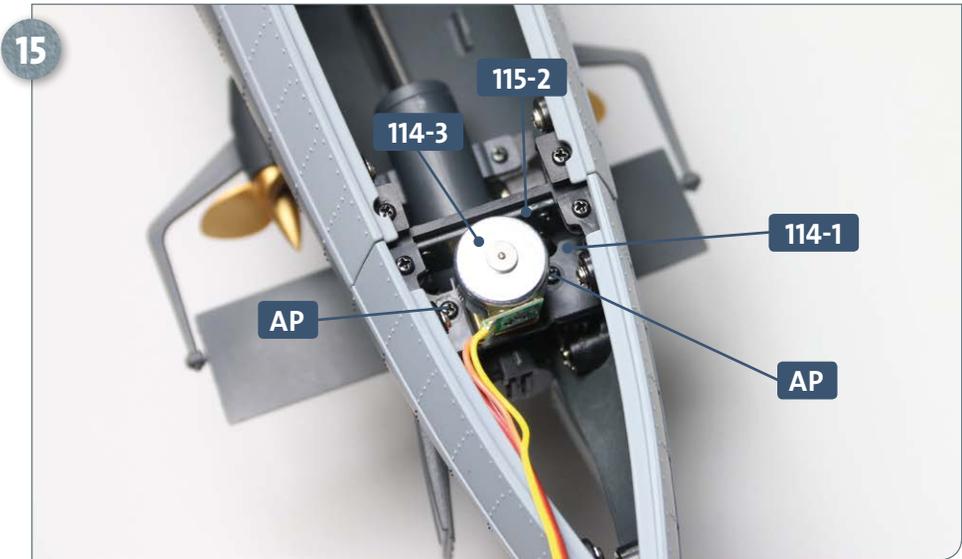
Kit 115: Stern torpedo tube



The port (L) tail section 112-1 is correctly attached to the main structure when the two holes of connector 112-2 are aligned with those of connector 115-1. Fasten the tail section in place using two AP screws, as pictured, left.

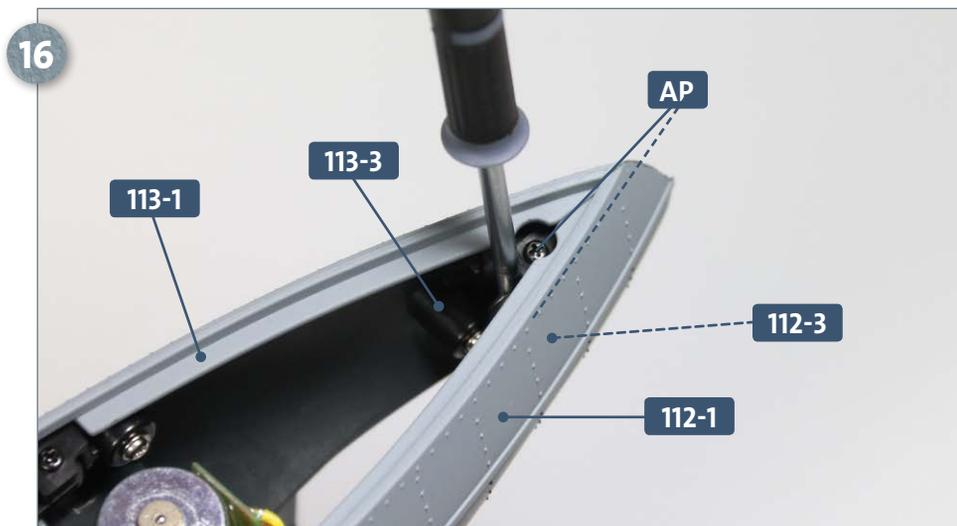


Repeat the process with the starboard (R) tail section 113-1 on the other side of the model, securing it with two more AP screws, as shown.

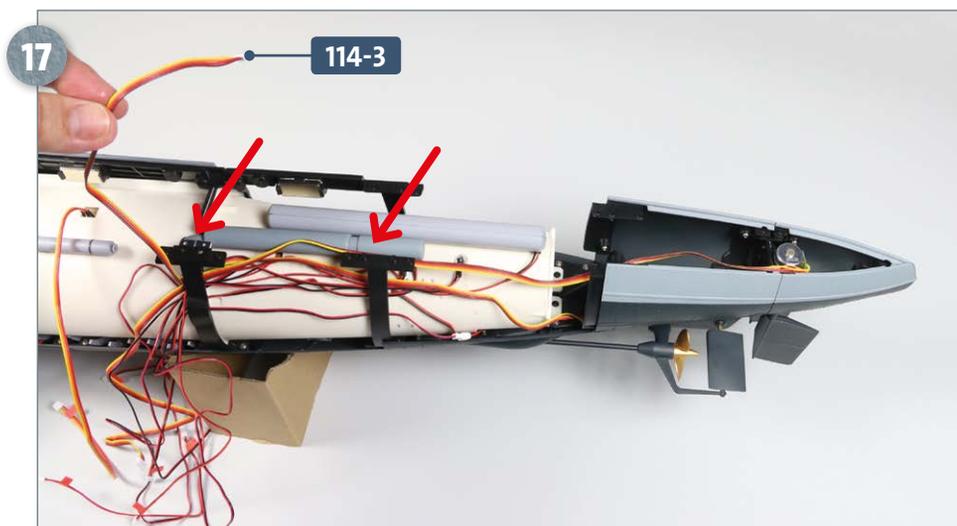


Insert the rudder motor 114-3 into the hull structure: the pegs on the underside of the mounting plate 114-1 are inserted into the large slots on mounting plate 115-2. Fasten the two plates together with two AP screws. Make sure the two rudders are set parallel to each other when the motor cog engages with the swivel gear on the rudders. Note the final position of the motor cable in step 17.

Kit 115: Stern torpedo tube

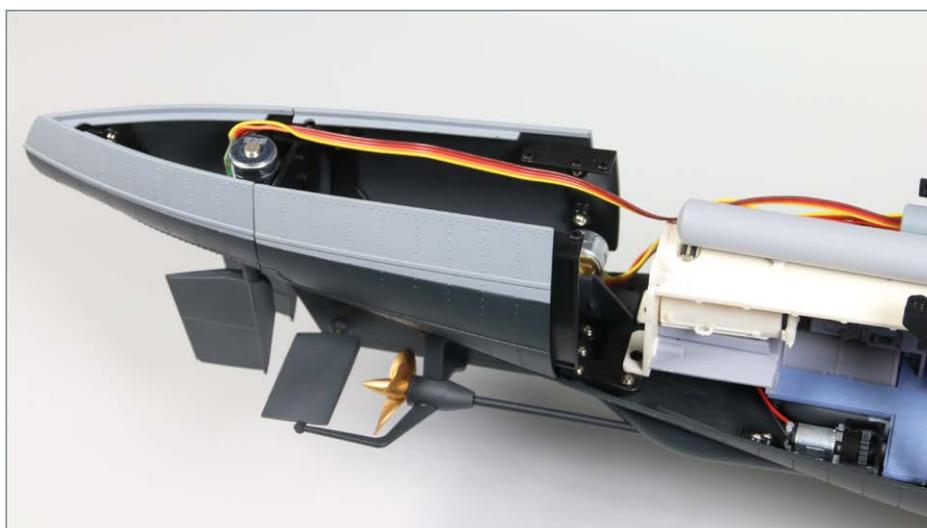


Join the two tail sections **112-1** and **113-1** together by screwing two **AP** screws into the holes of connectors **112-3** and **113-3**.



Take the cable of the rudder motor **114-3** and feed it along the inside of the two connectors, as directed by the arrows, towards the bow end.

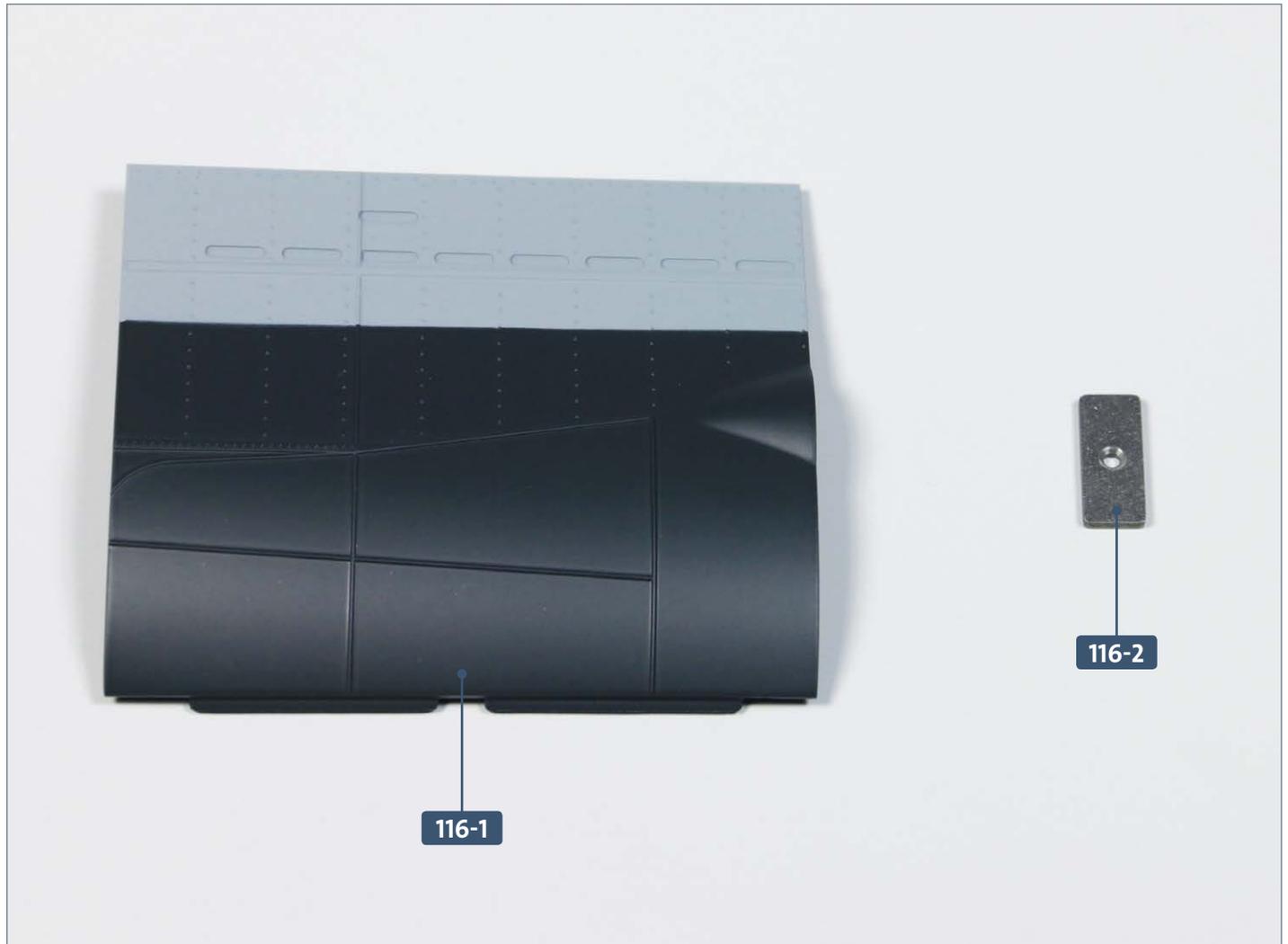
COMPLETED WORK



Both tail sections have now been attached to the hull, the stern torpedo tube is mounted, and the rudder motor has been installed.

Kit 116: The next hull section

In this kit, a metal plate is attached to the starboard (R) hull section, which is then fitted onto the main hull structure.

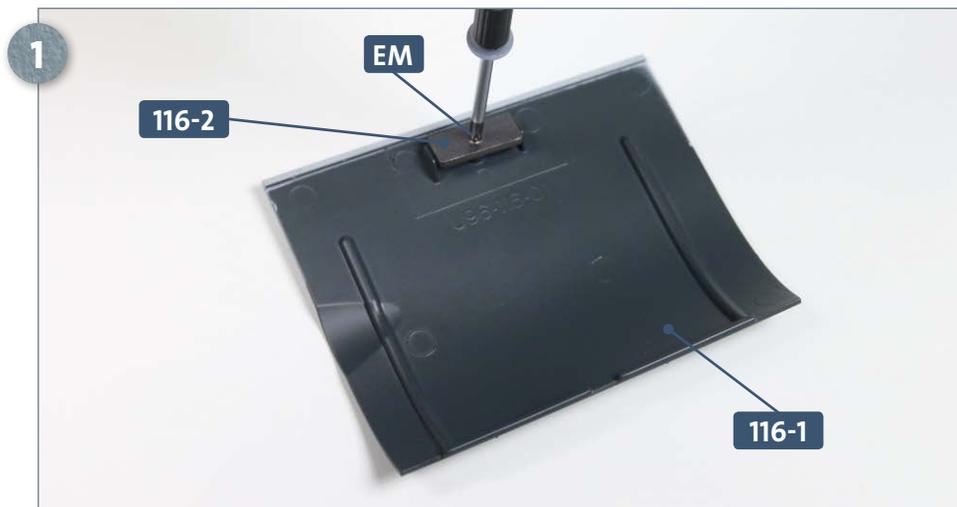


Parts reference list	
Part no.	Name
116-1	Starboard (R) hull section
116-2	Metal plate

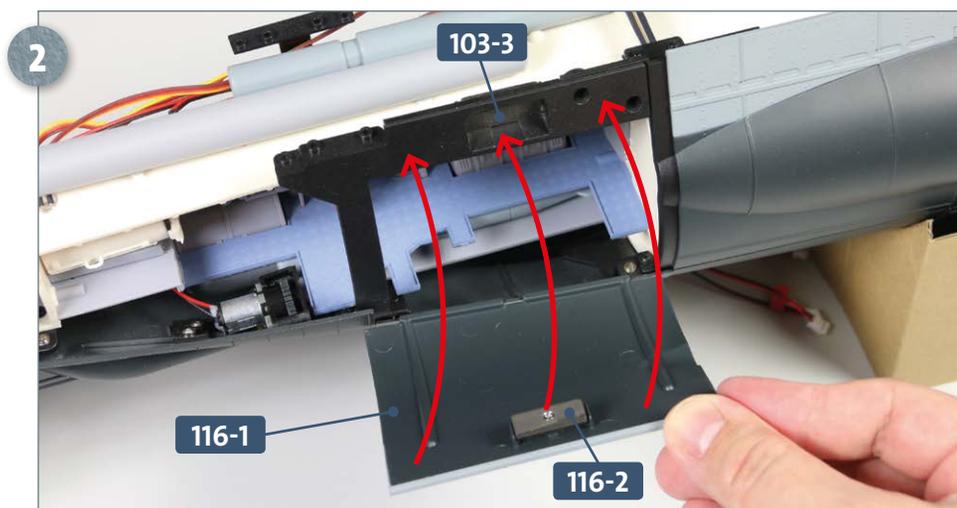
Screws		
Ref	No.	Dimensions
EM	1 + 1	2 x 4 mm

Kit 116: The next hull section

STAGE 1 → Assembly of the hull section

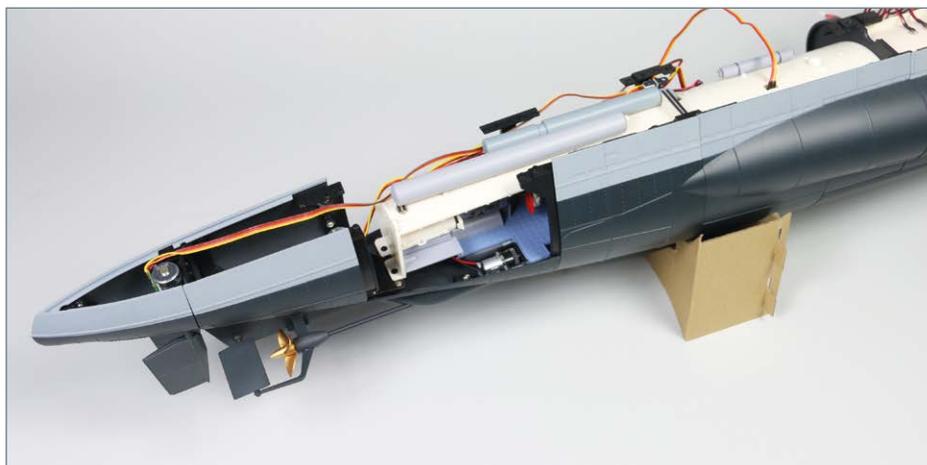


Place the hull section **116-1** on your work surface with the inner side facing up. Take the metal plate **116-2**, place it flush with the recess in the hull section, and secure it with an **EM** screw, as pictured.



Place the model on your work surface so that you have access to the starboard (R) side. Fit the lip at the base of the hull section **116-1** on the edge of the keel at the bottom of the sixth compartment. Tilt the hull section **116-1** upwards until the metal plate **116-2** sits against the magnet **103-3**, as indicated by the middle arrow.

COMPLETED WORK



A new hull section has now been added to the starboard (R) side of your U-Boat model.