

## TITANIC

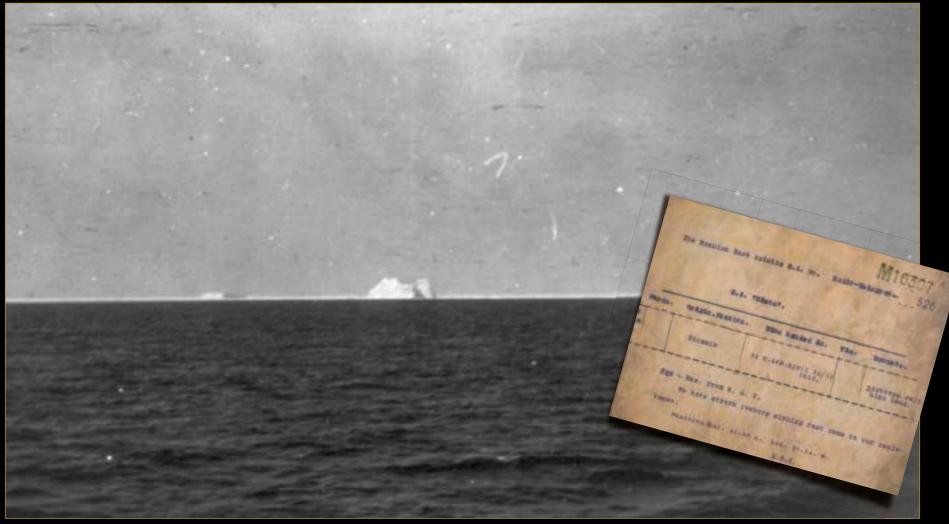
воок 3

## THE UNSINKABLE OCEAN LINER

Though the RMS Titanic boasted many advanced safety features, outdated maritime safety regulations dictated that the liner only needed to have 20 lifeboats onboard: enough for just one third of her crew and passengers. When she collided with an iceberg at high speed just before midnight on April 14th, 1912 and quickly began to sink, the lack of lifeboats ensured only 710 people survived while more than 1,500 perished. As a direct result of the tragedy, new wideranging international safety standards were introduced, many of which are still in force today.



↑ Lifeboats in their davits on the Titanic.



↑ The presumed location of the disaster taken from the SS Carpathic which picked up survivors from the Titanic.

¬ A telegram transmitted from RMS

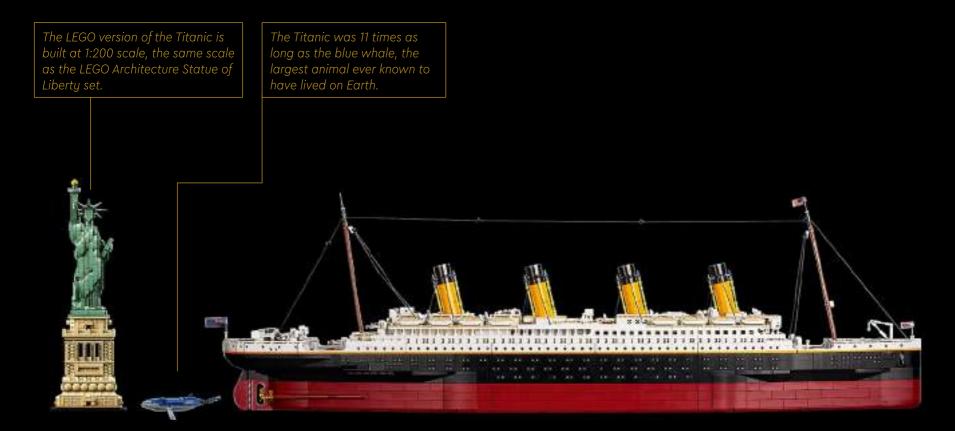
Titanic to the SS Birma requesting

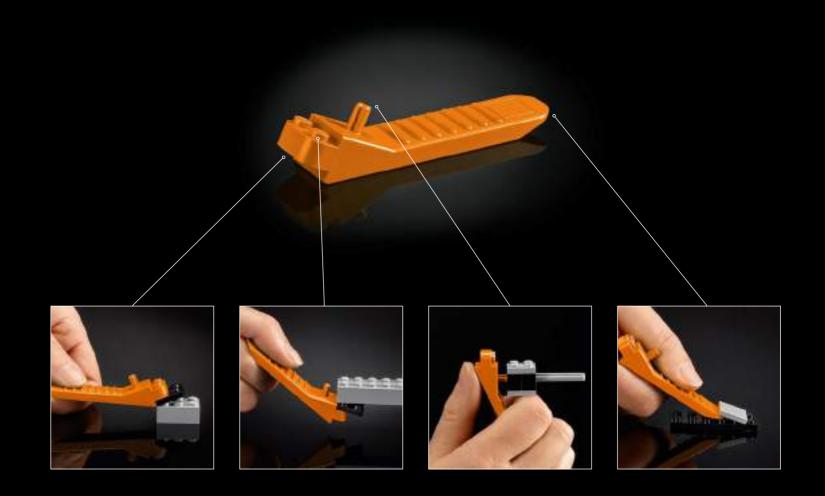
assistance

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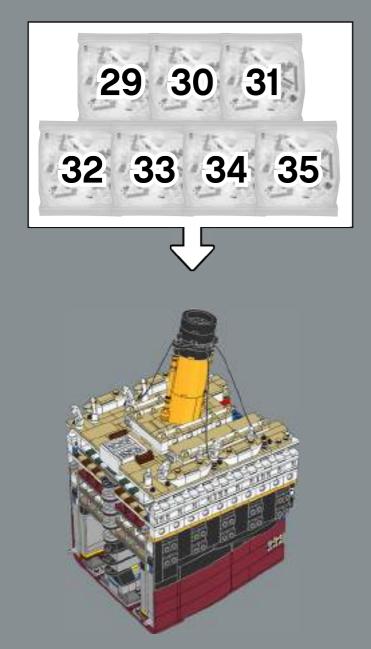
## IMPRESSIVE SCALE

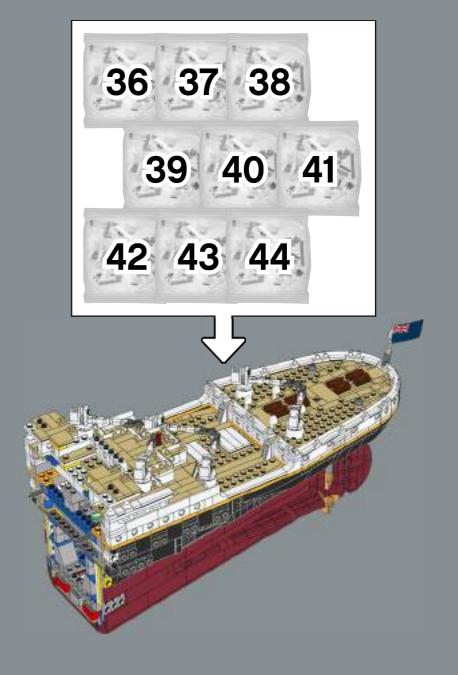
At its launch, the *Titanic* was the largest man-made vessel ever constructed. She was over 269 meters (882.9 ft.) long and measured 53.3 meters (175 ft.) from the bottom of the hull to the top of her smokestacks. Likewise, the LEGO® version of the RMS *Titanic* is the longest LEGO model created so far and one of the most intricate.

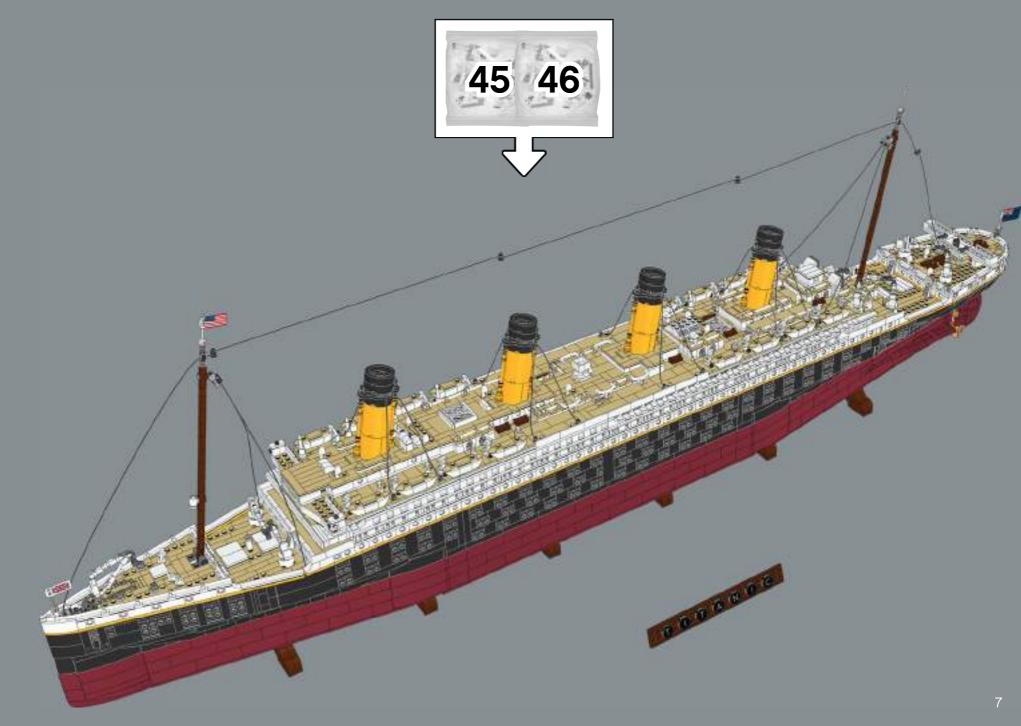


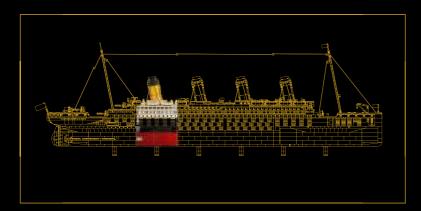


LEGO.com/brickseparator







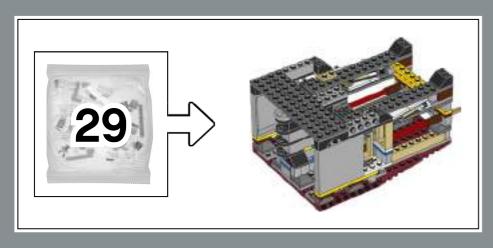


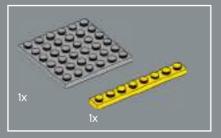
**SECTION 5:** 

## FUNNEL & ENGINE ROOM

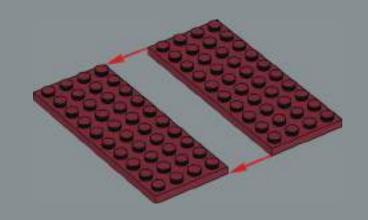
In this section the model narrows as it tapers towards the propellers and rudder at the stern of the ship. You will also build the model's final funnel. On the real *Titanic*, this funnel was not connected to any boilers but was included in the design of the ship to make it feel more beautiful and complete.

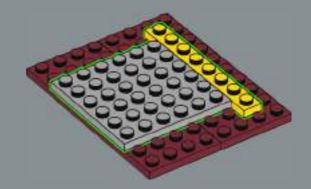


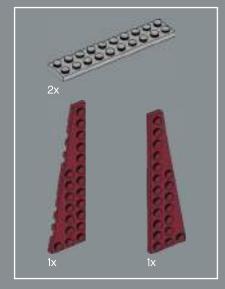






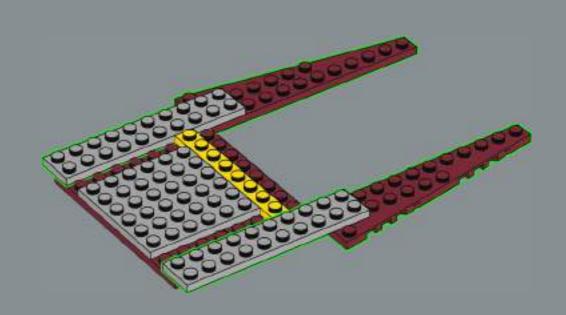


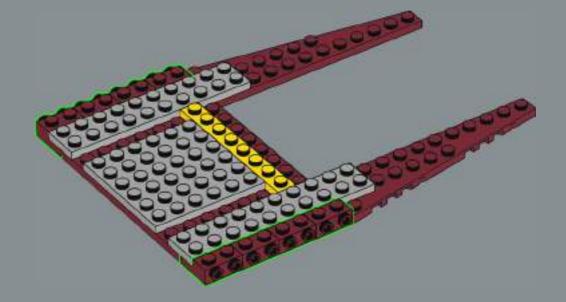


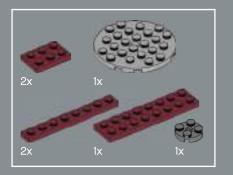


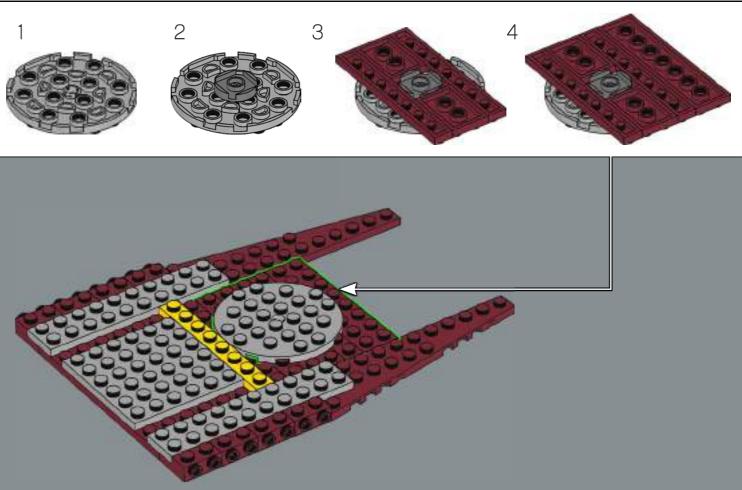


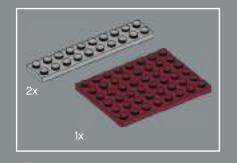


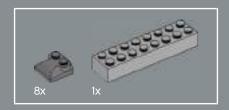


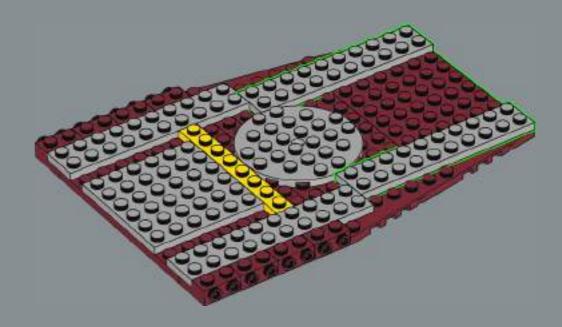


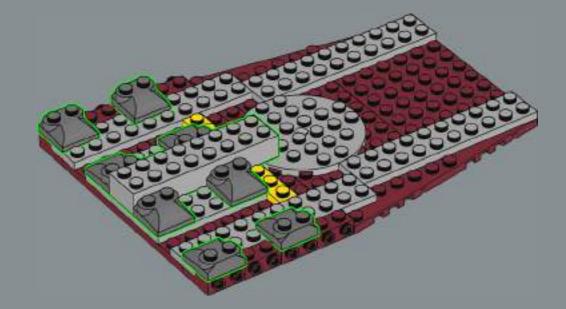




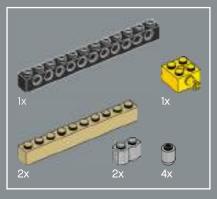


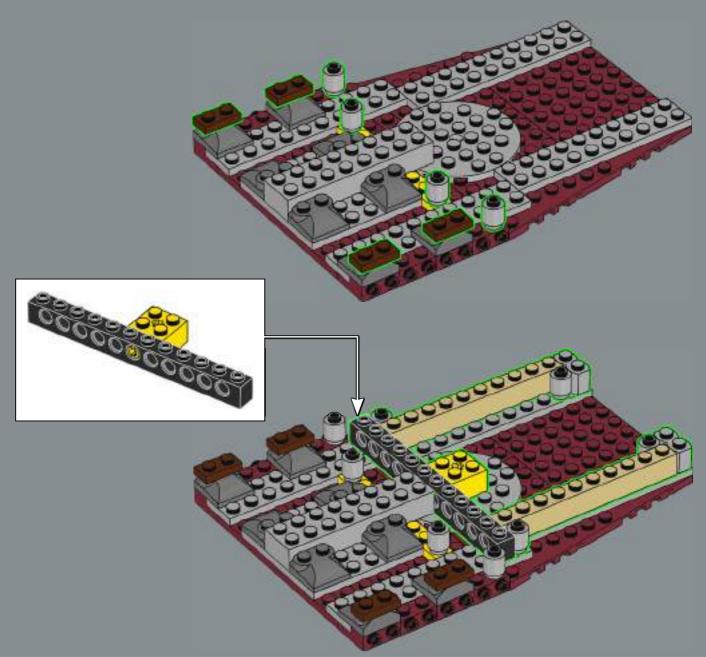


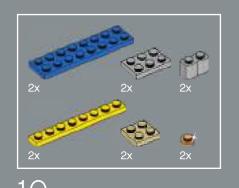


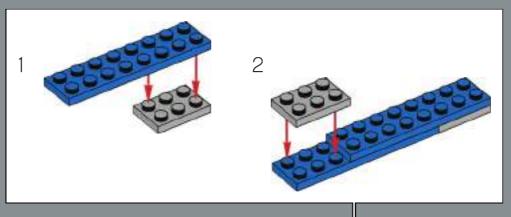




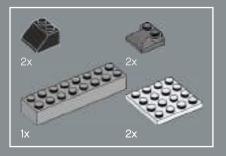


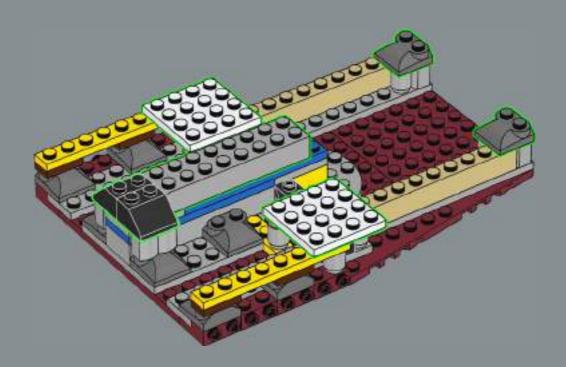


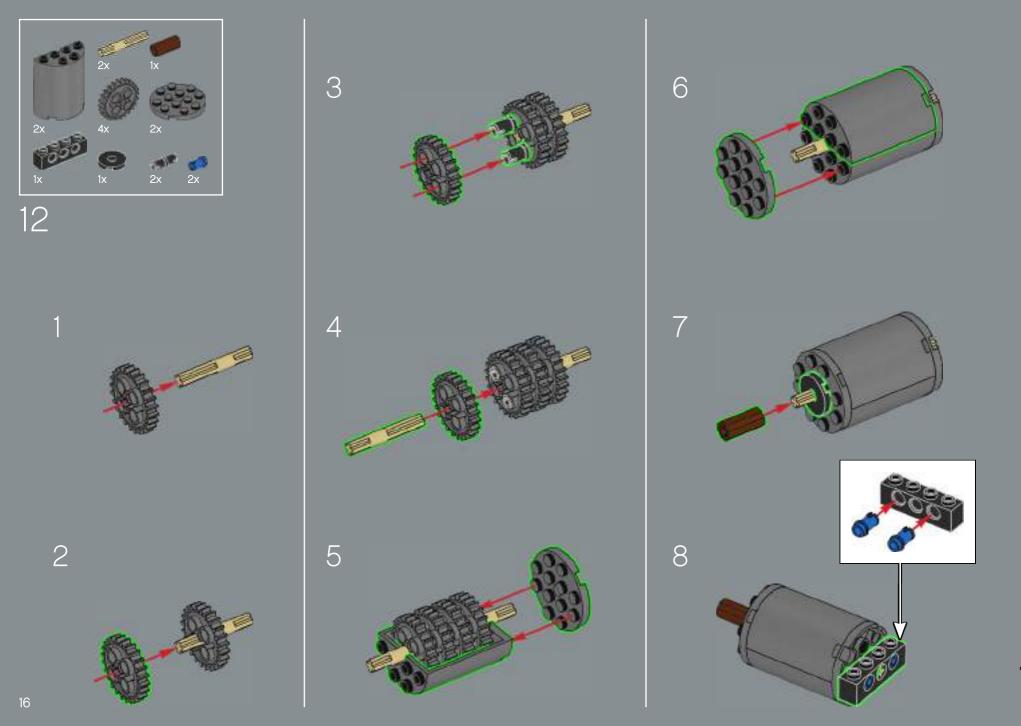




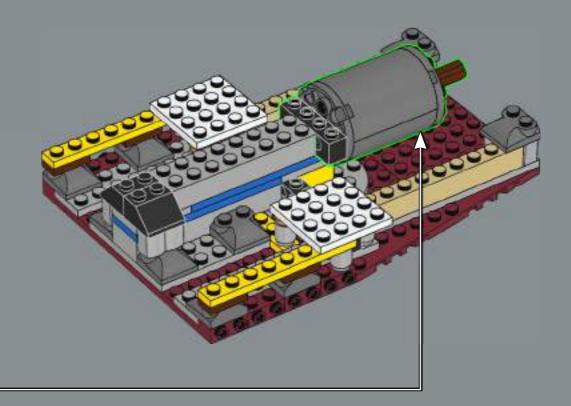


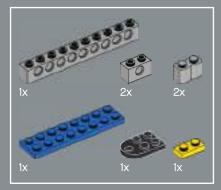


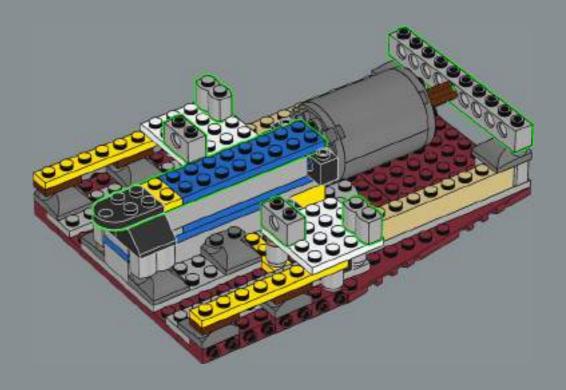


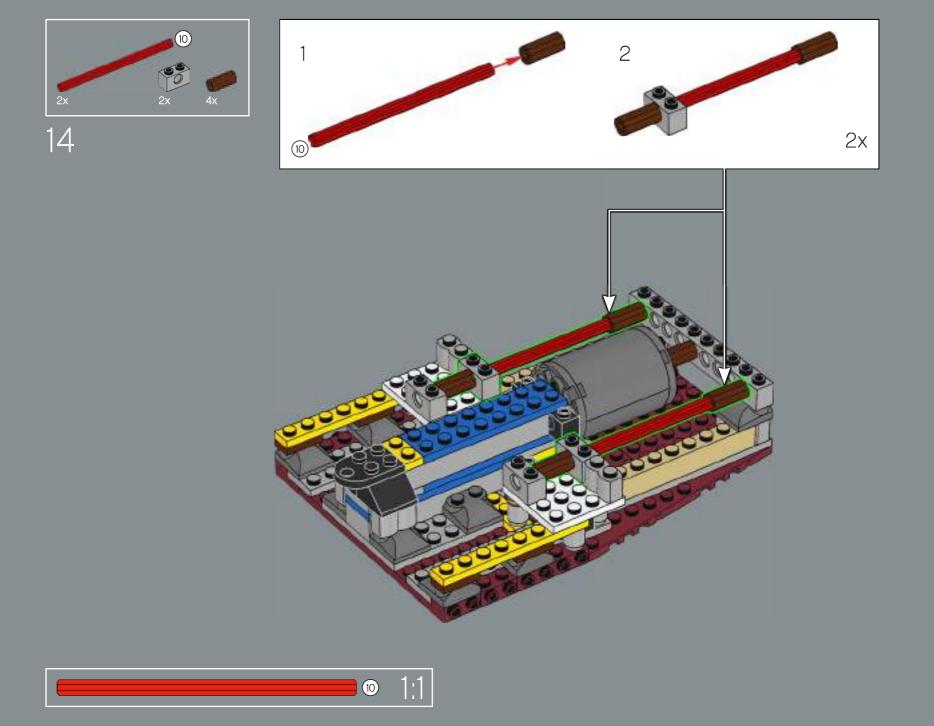


The *Titanic*'s electrical plant was capable f producing more power than an average city power station of the time.

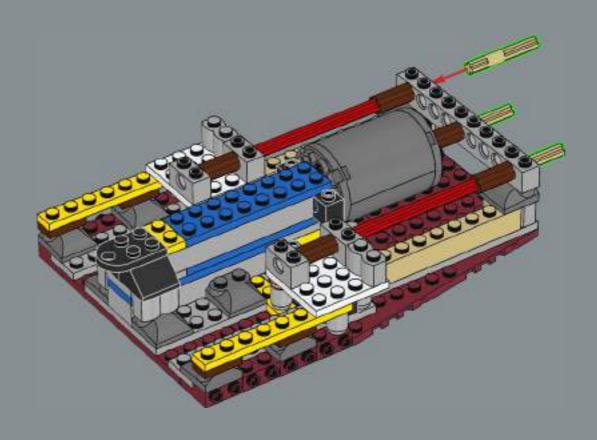


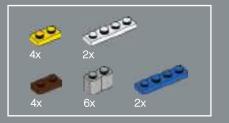


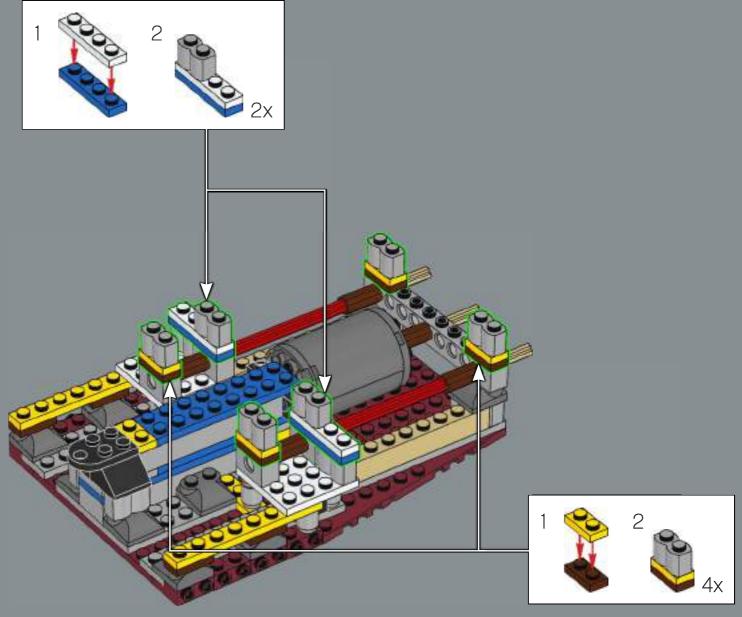


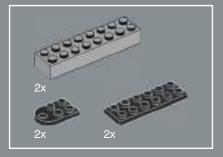


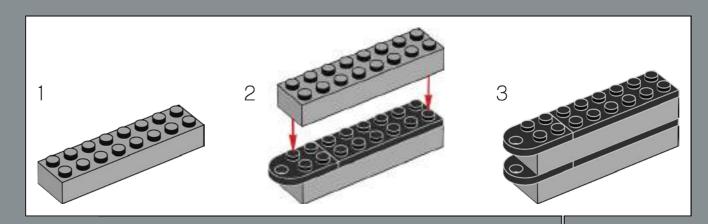


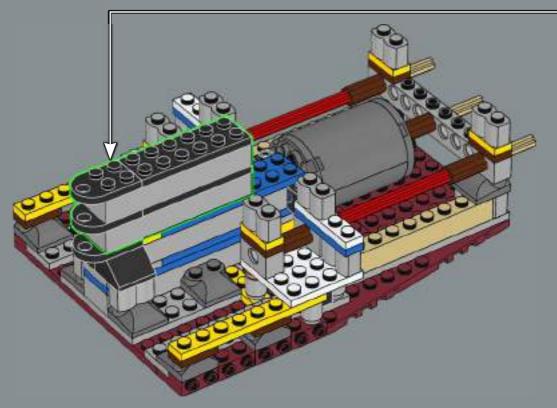


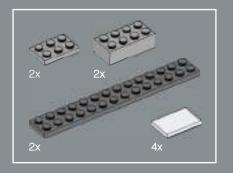


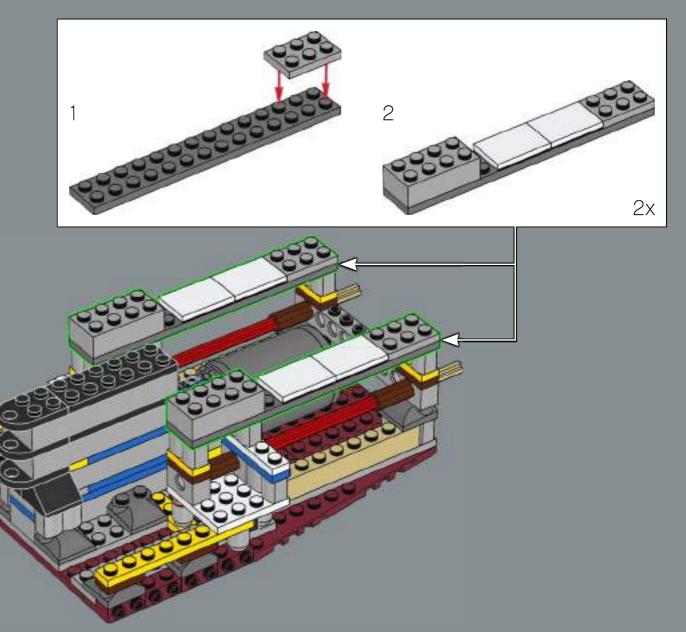


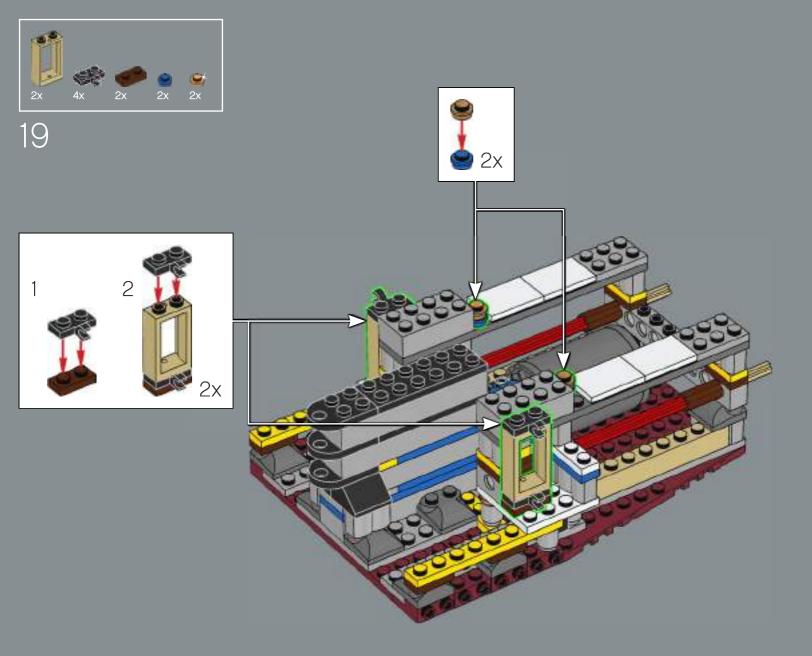


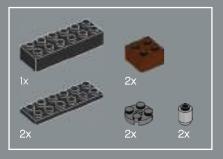


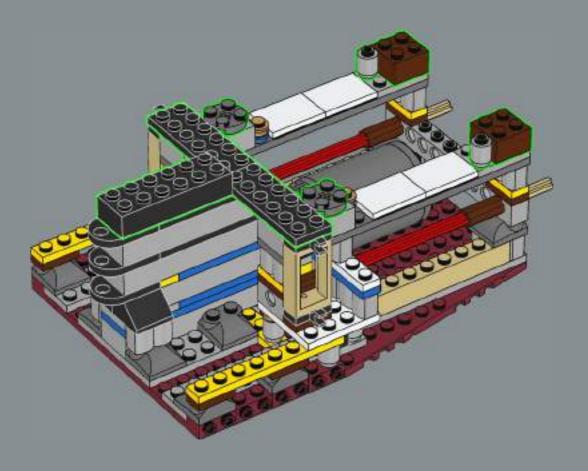


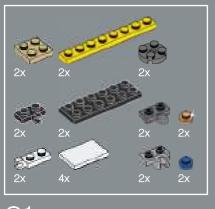


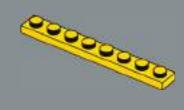


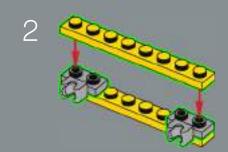


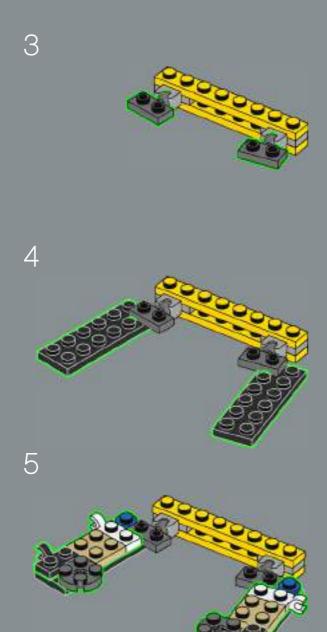




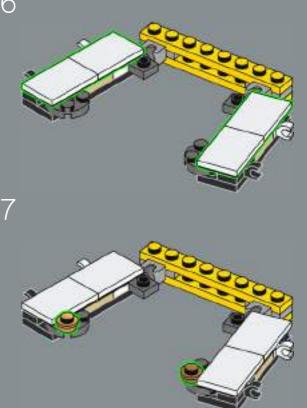


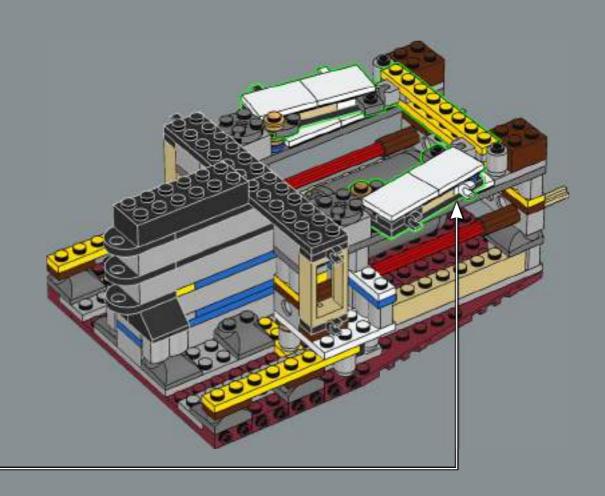


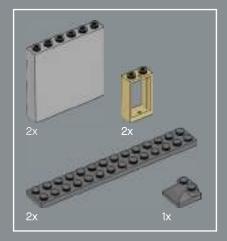


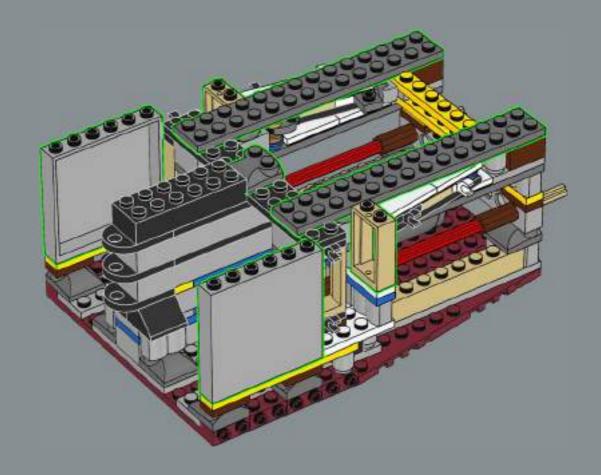


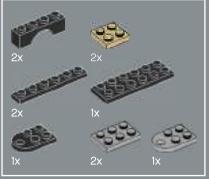


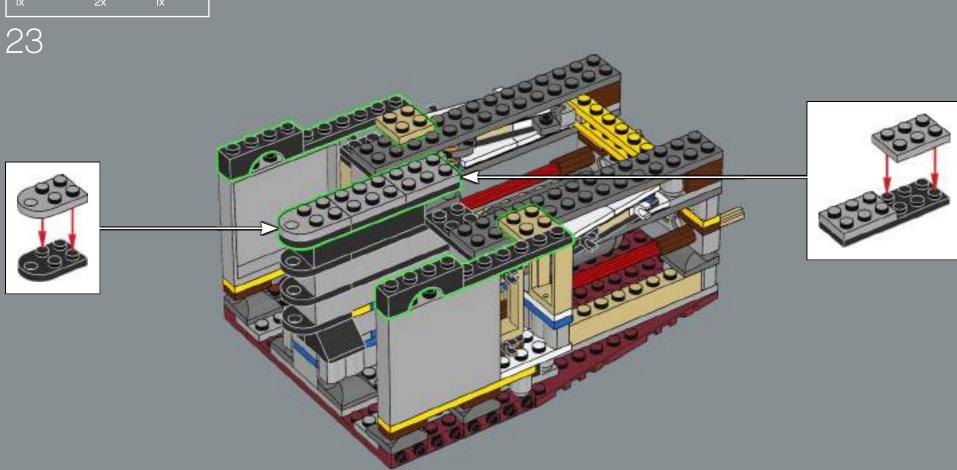


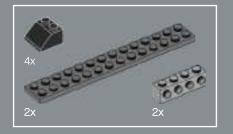




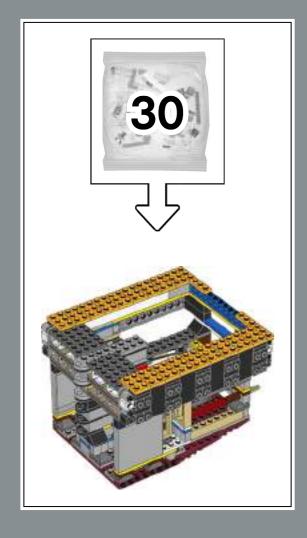


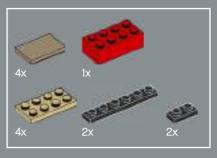


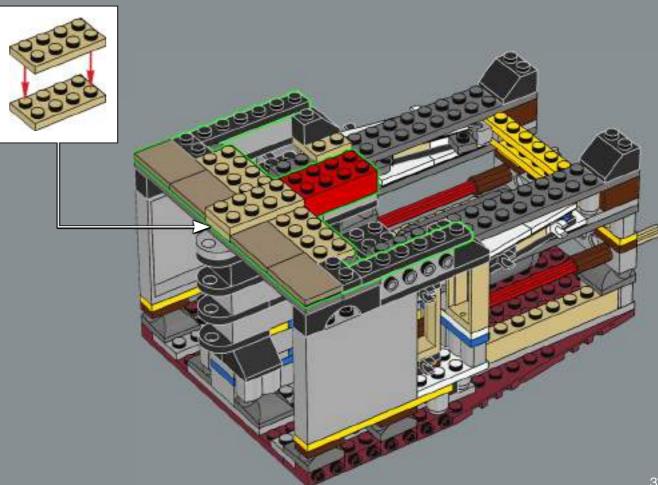


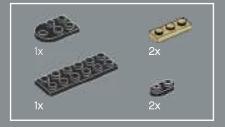


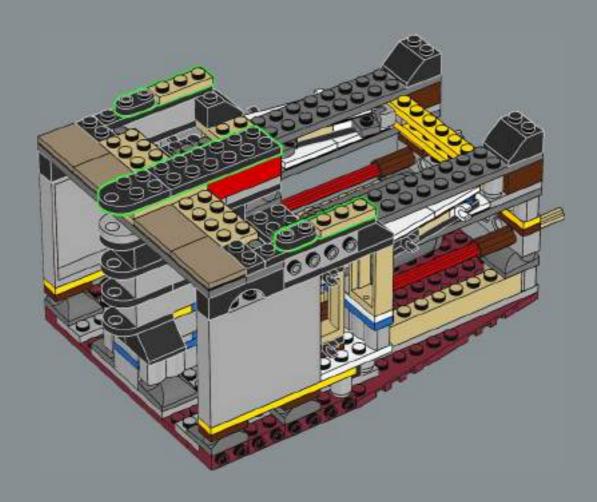


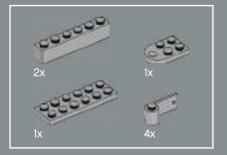


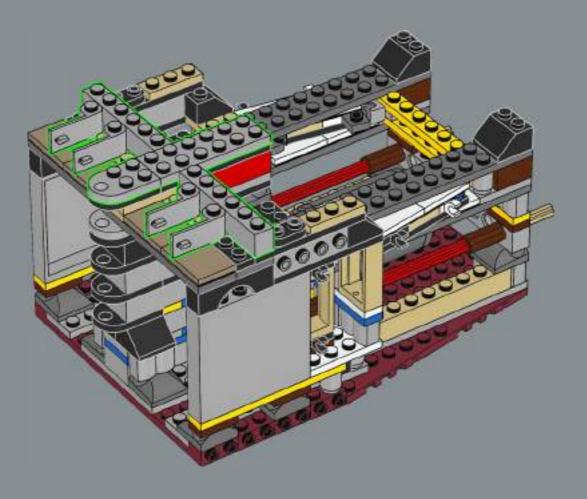






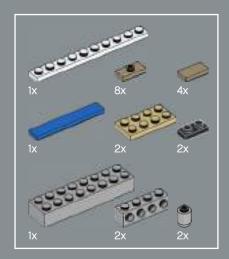






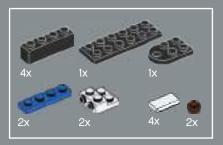


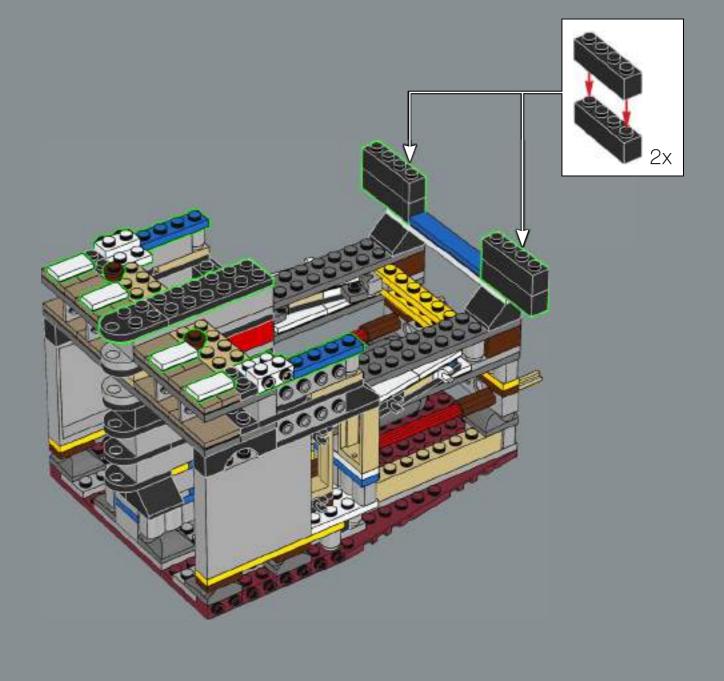


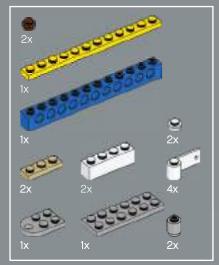




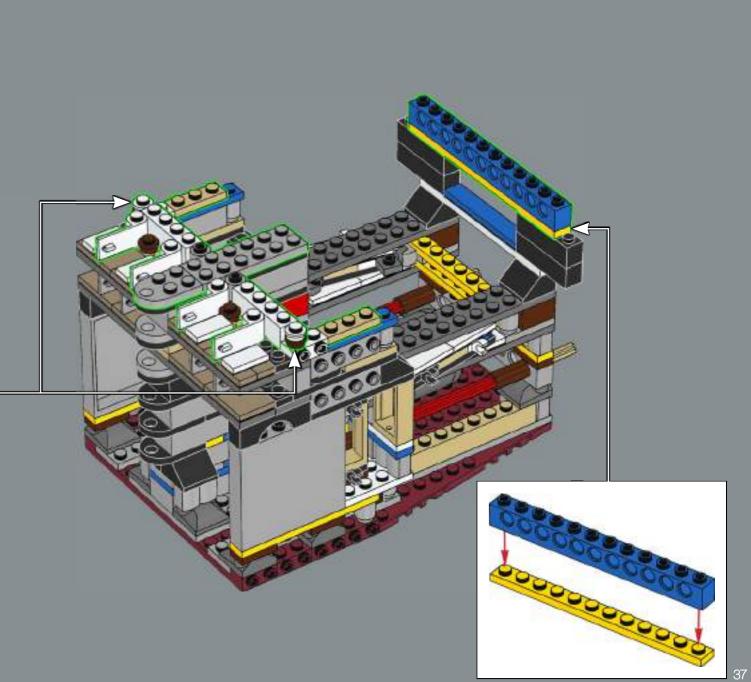


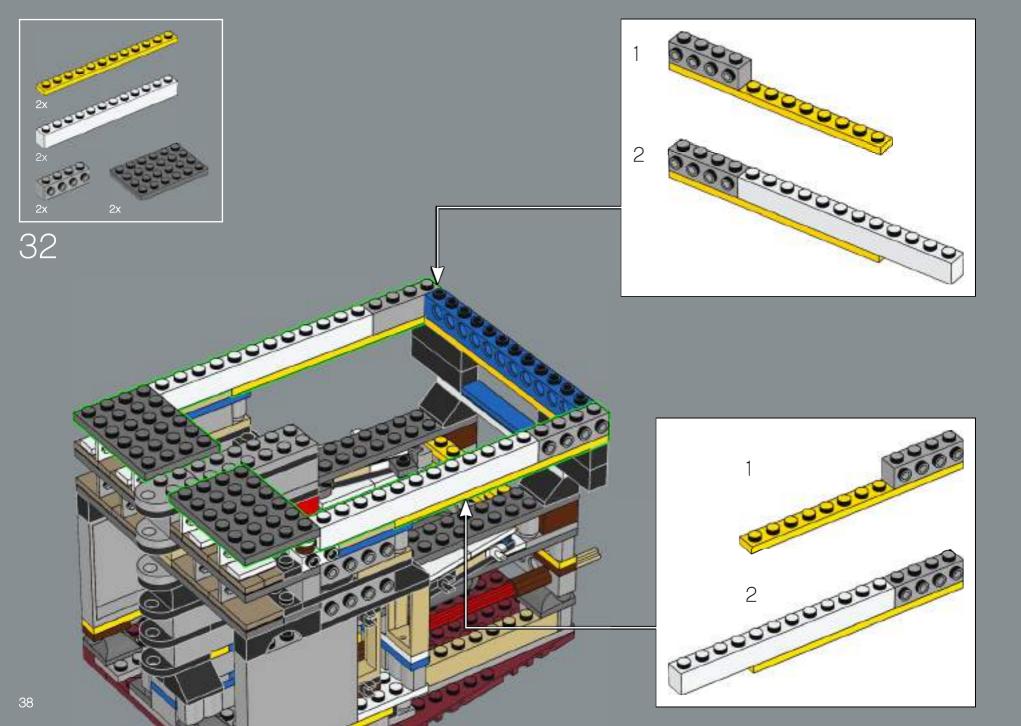


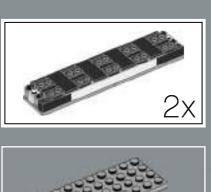


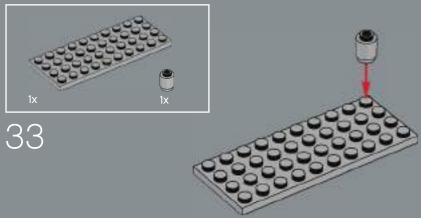


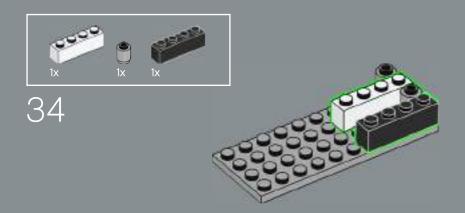
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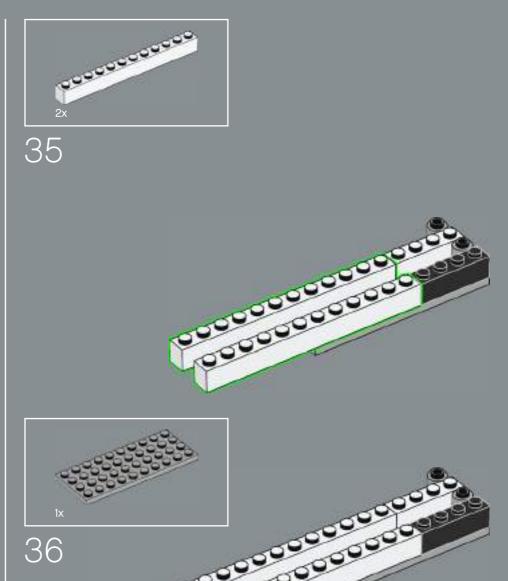




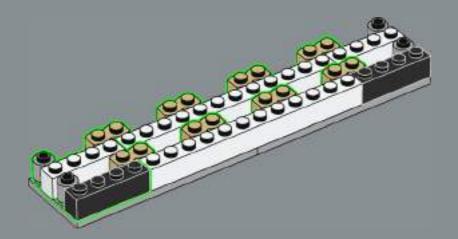




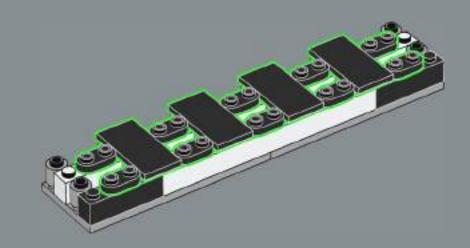




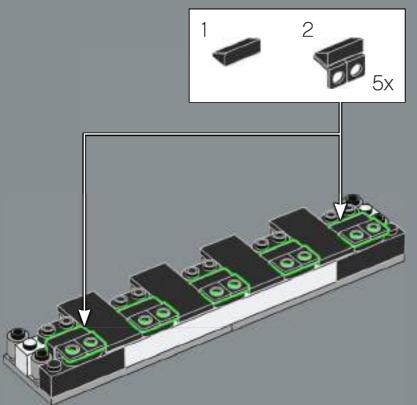


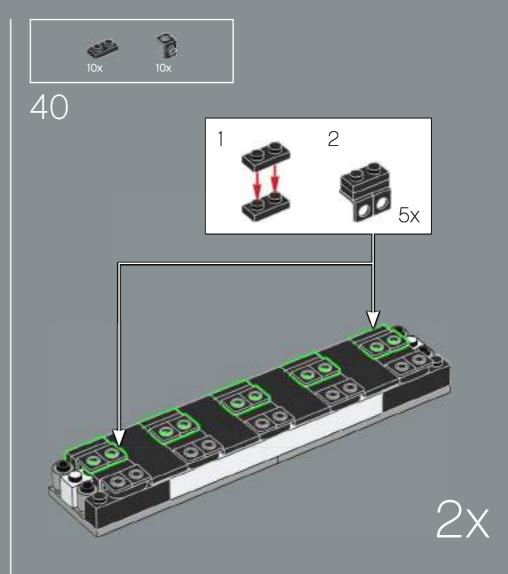




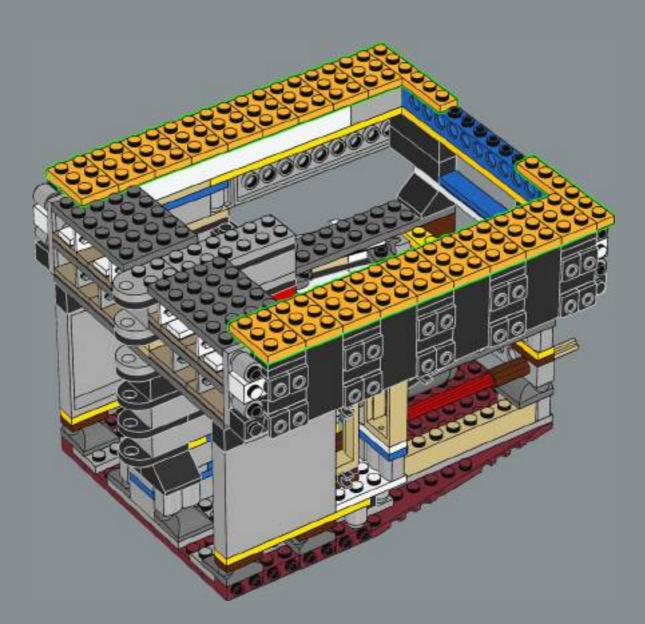


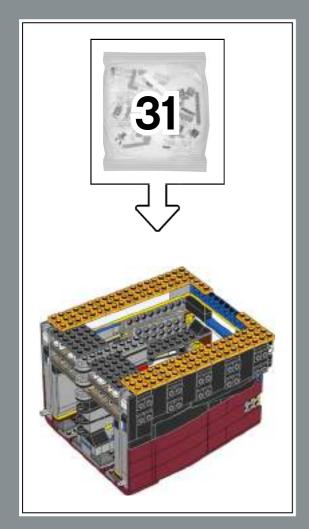








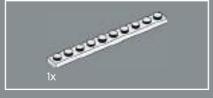


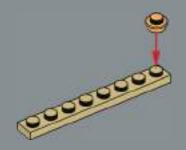


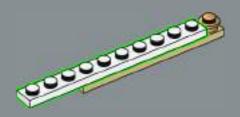


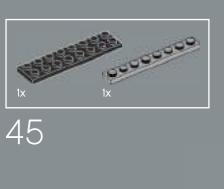


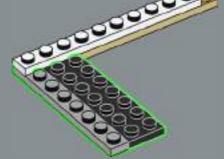




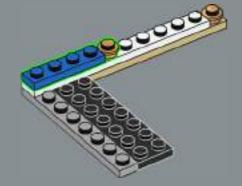




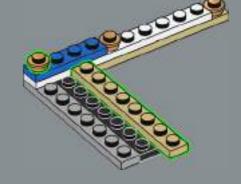




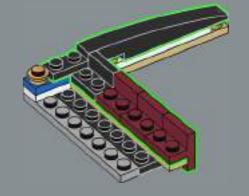


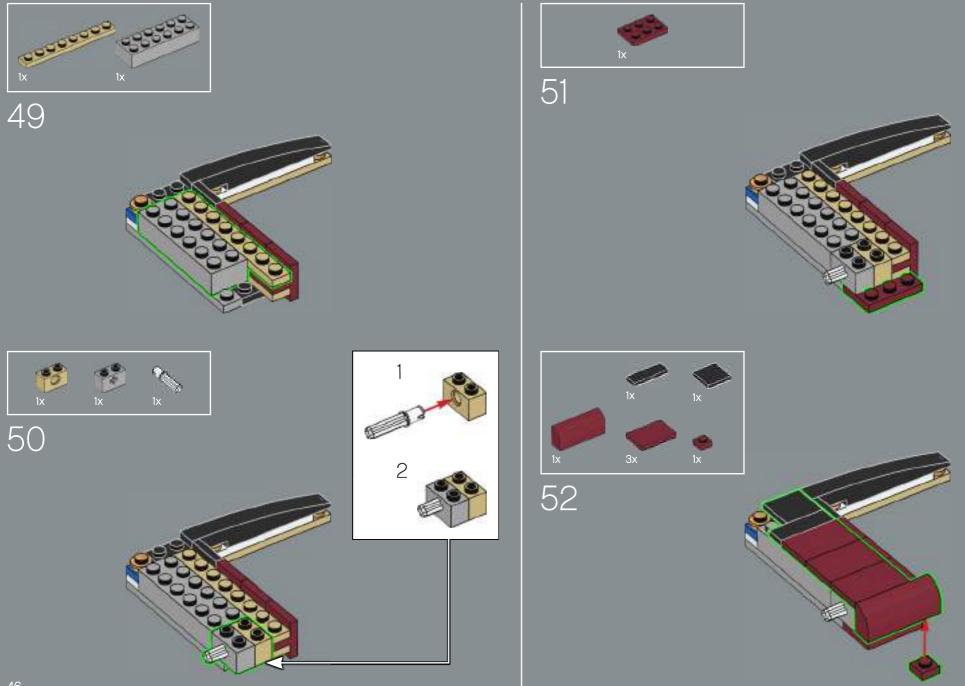




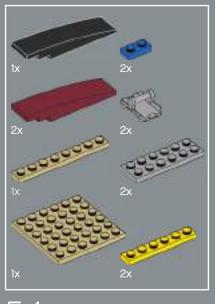




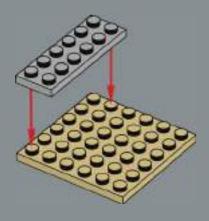




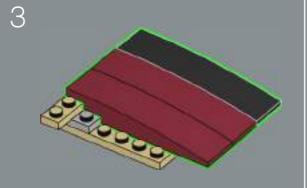




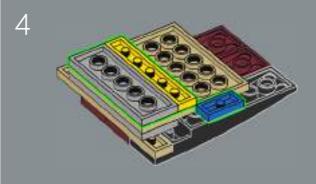


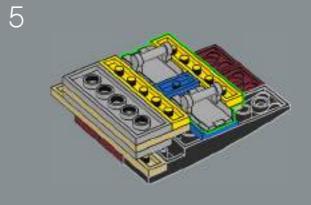


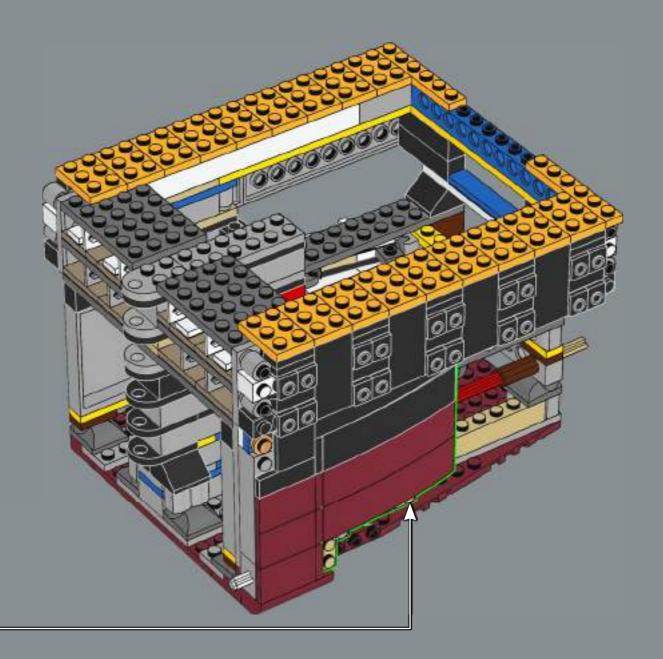




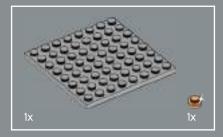


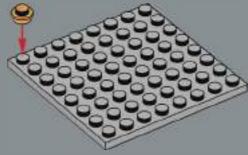




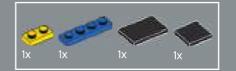


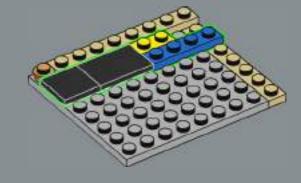




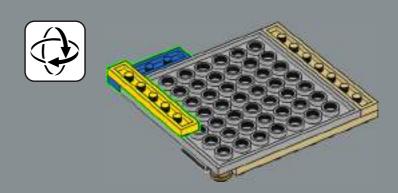


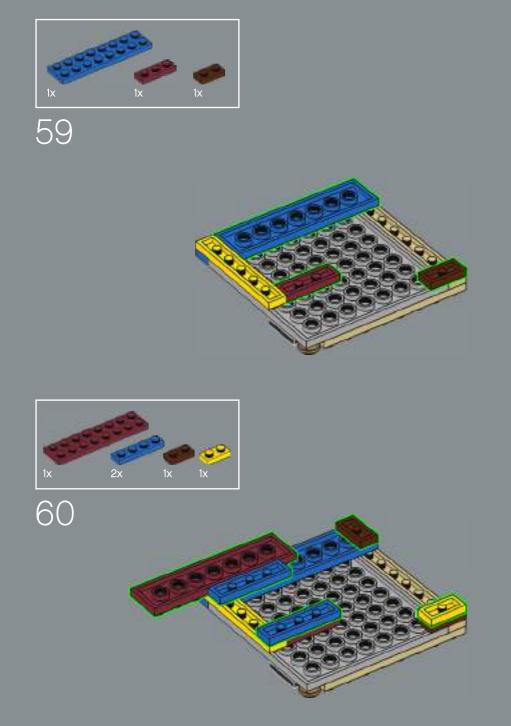


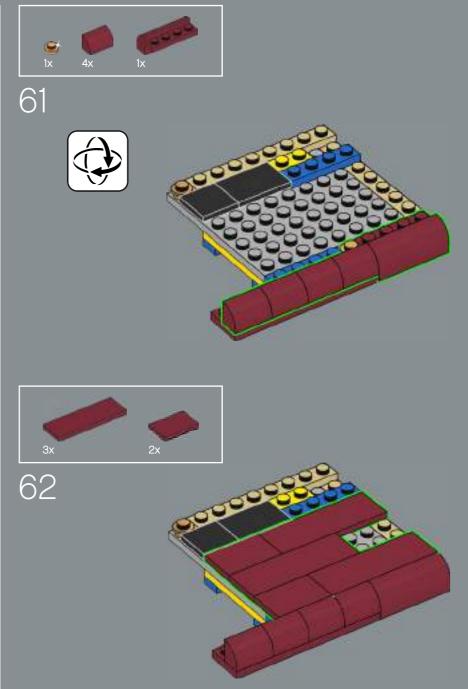






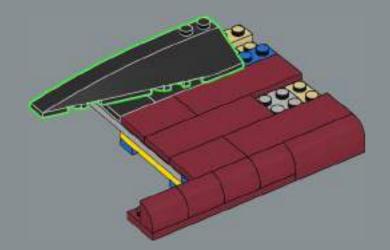




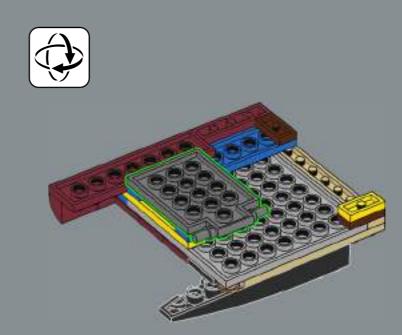


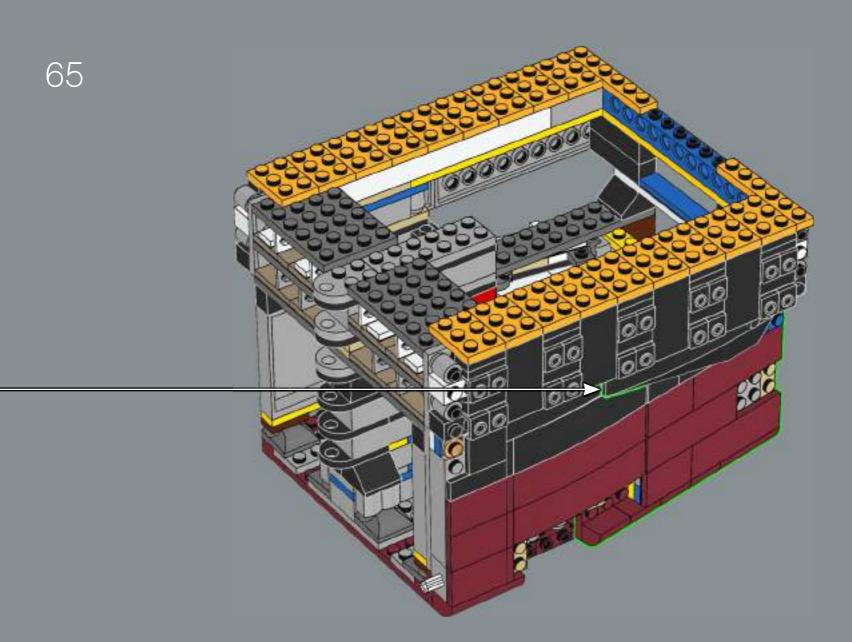


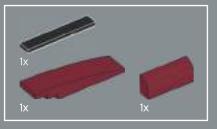


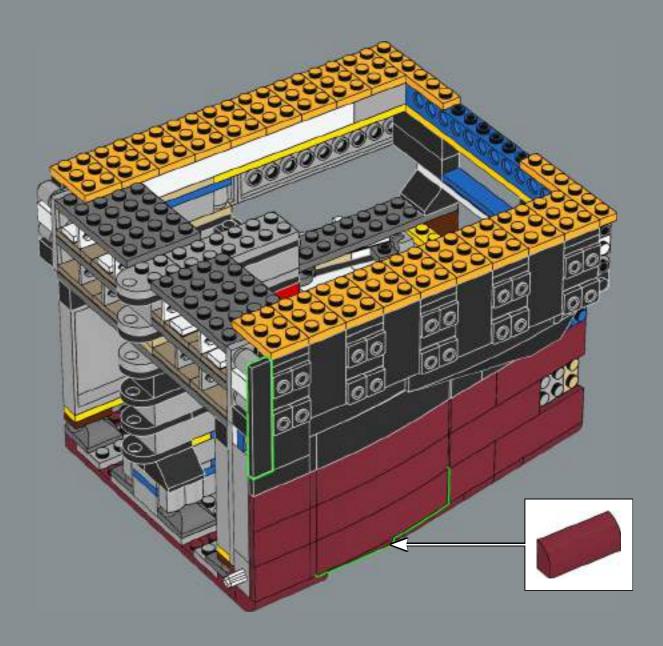


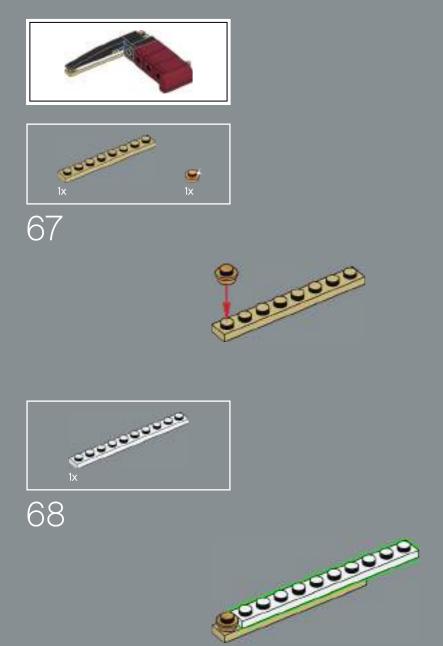


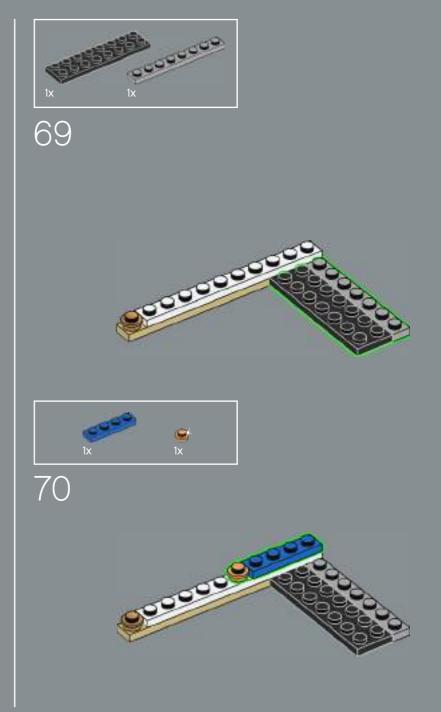


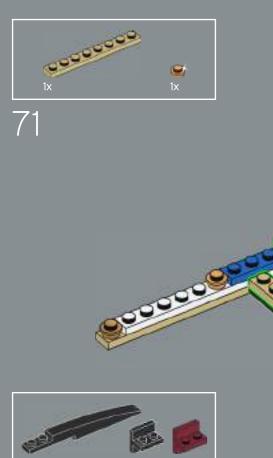




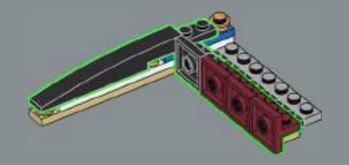


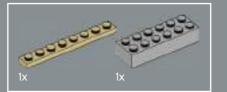


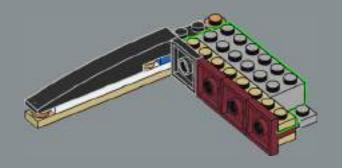


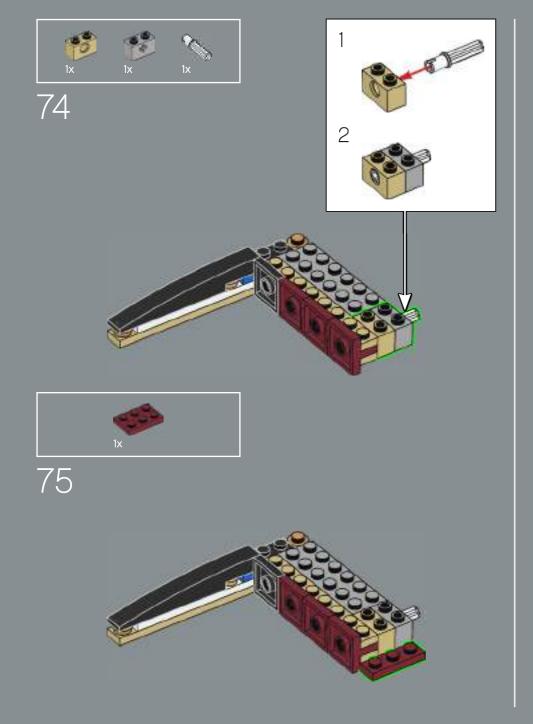


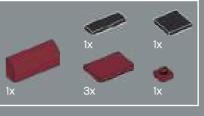


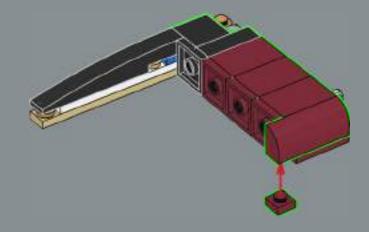




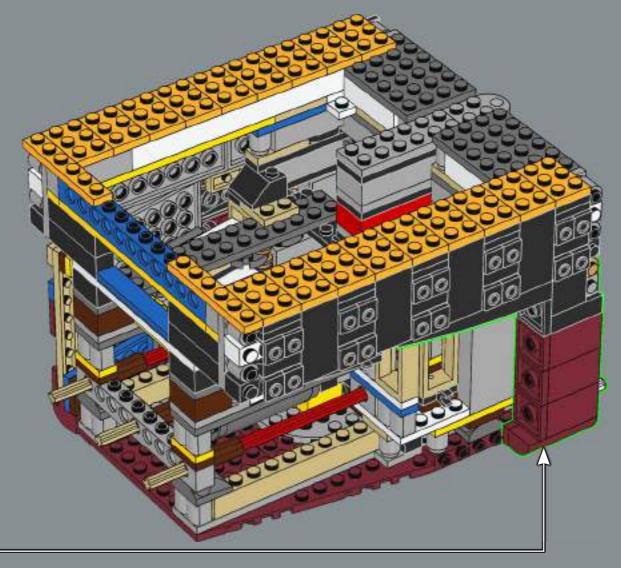


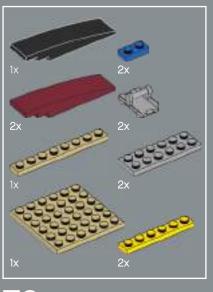


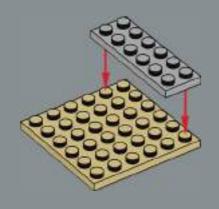


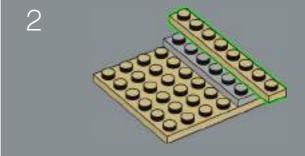


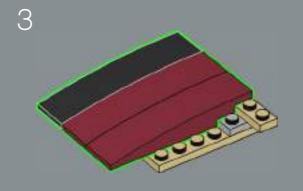


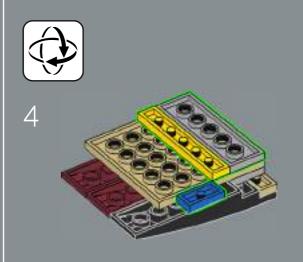


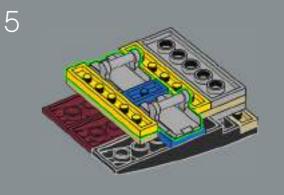






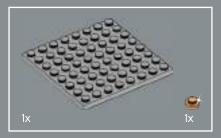


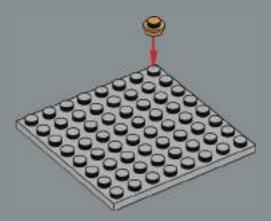




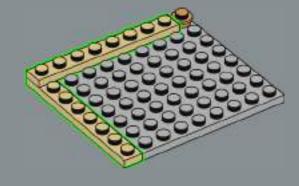




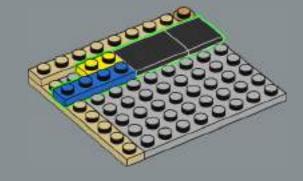


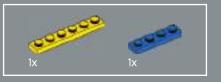


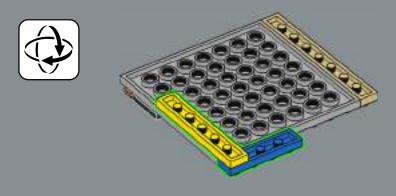


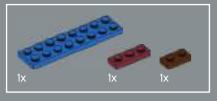


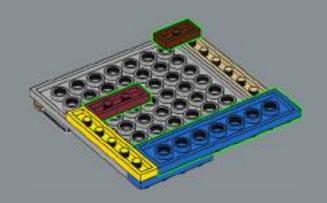


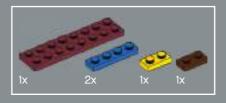


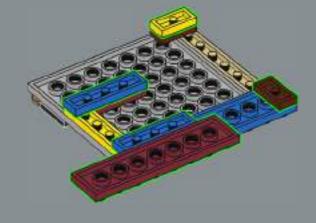


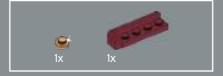


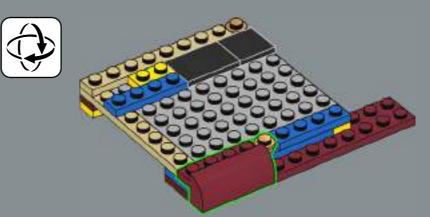


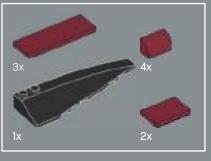




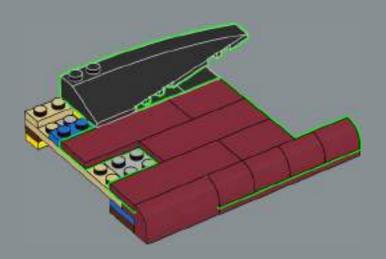




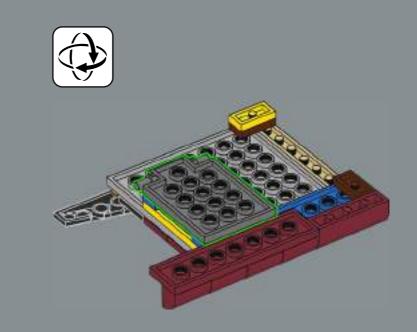




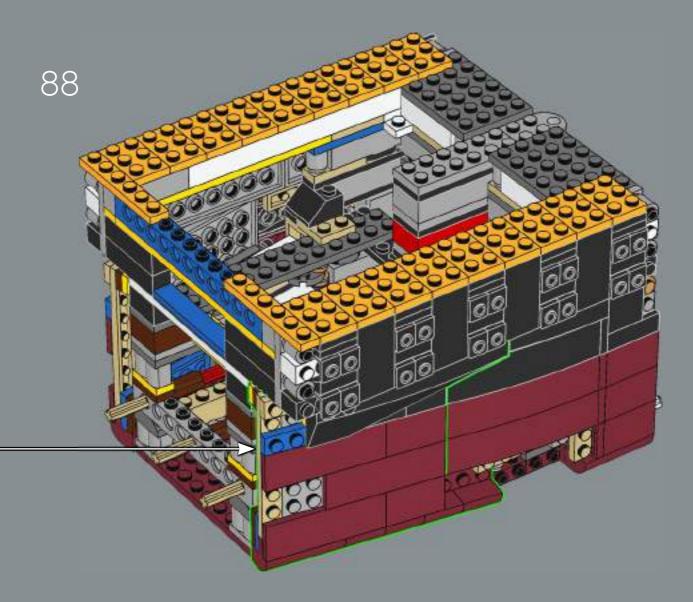


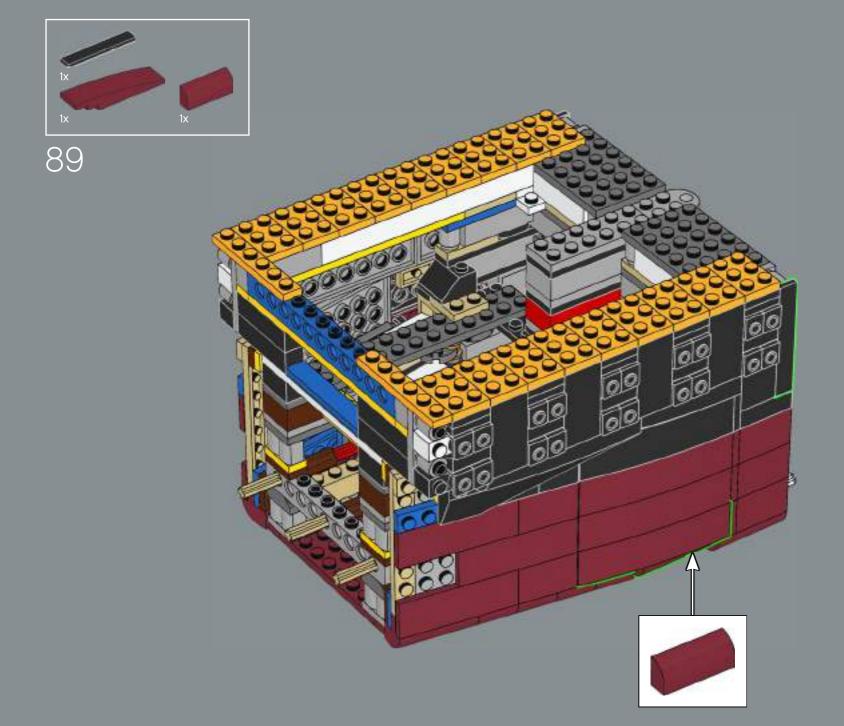


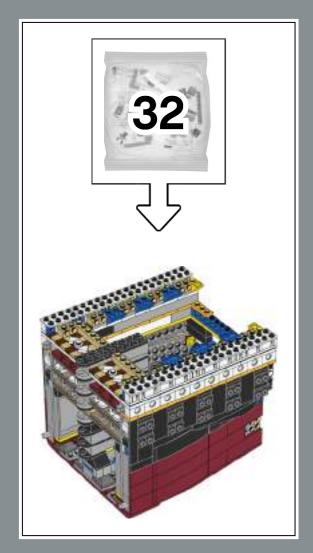




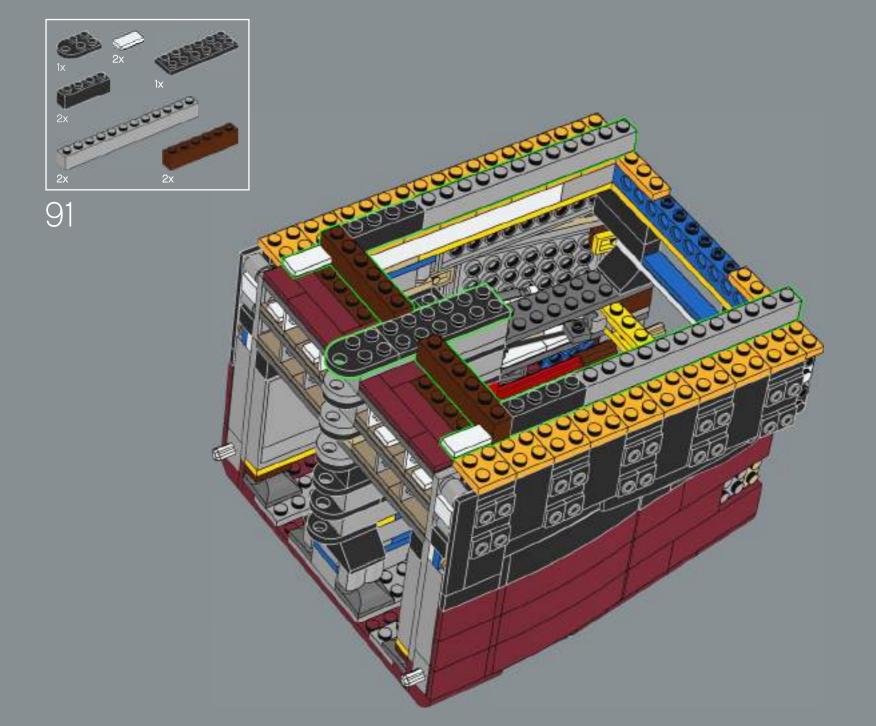
The *Titanic* was 640 km (400 miles) from land when she struck the iceberg.

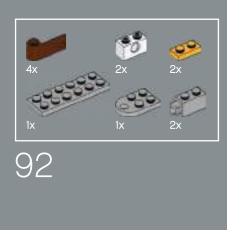


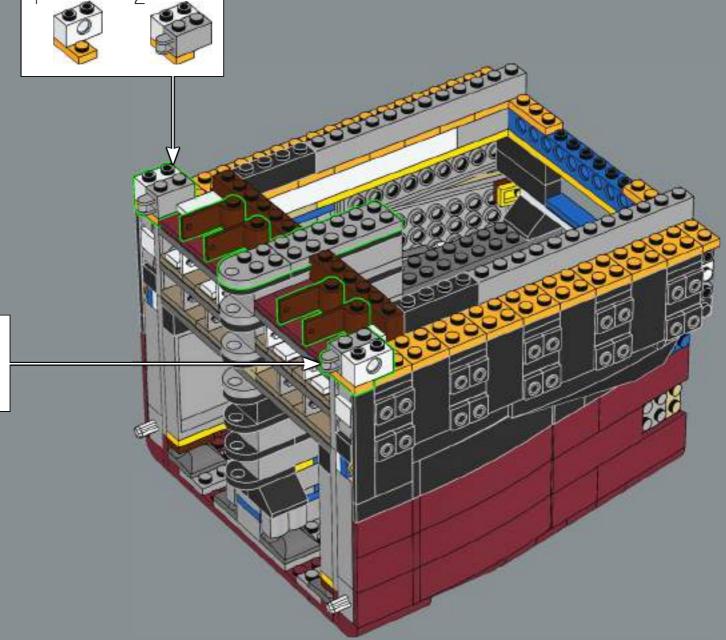




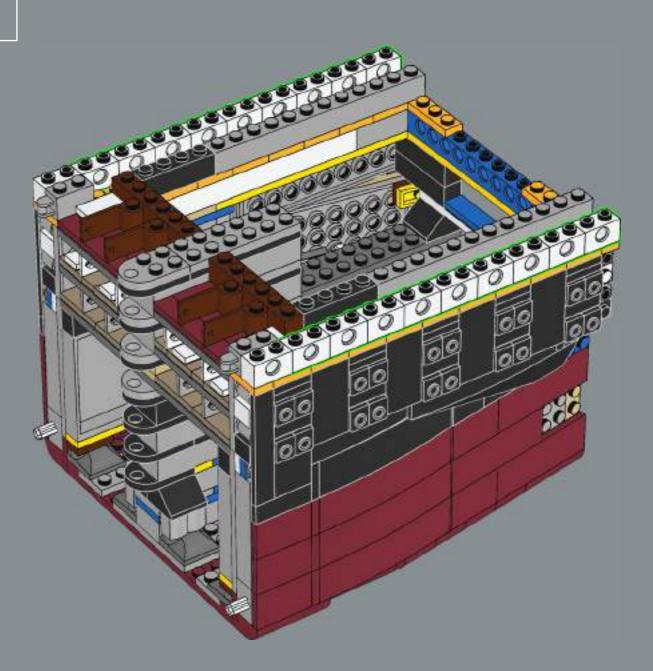


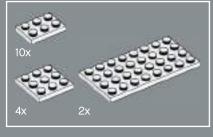


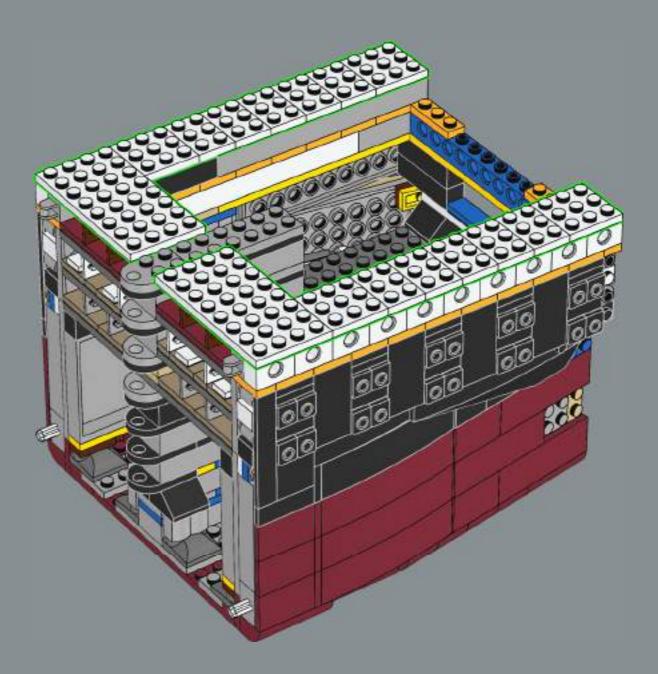




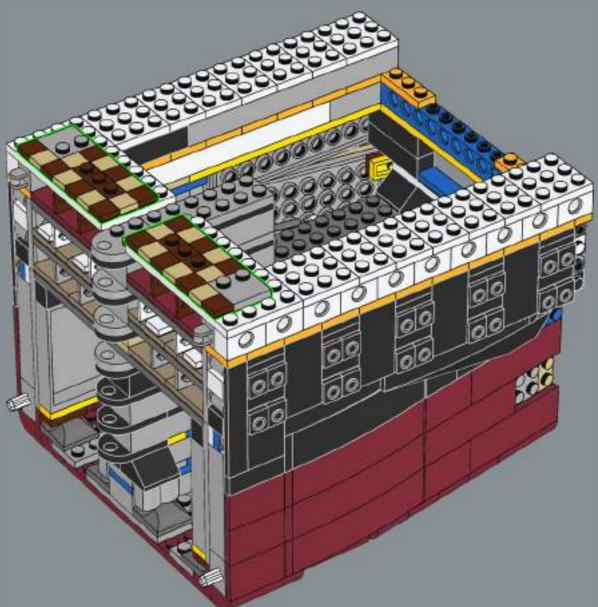


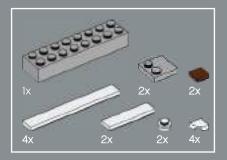


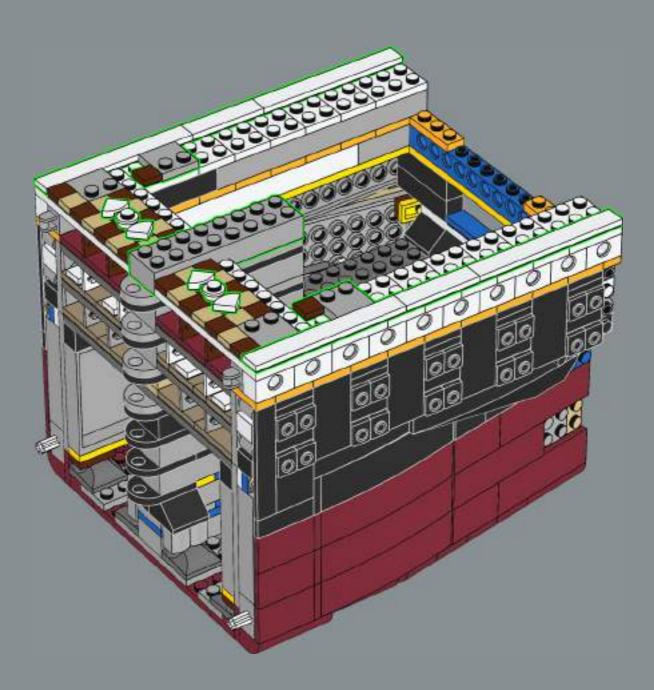


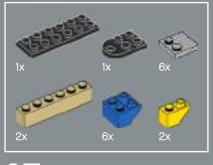






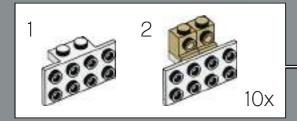


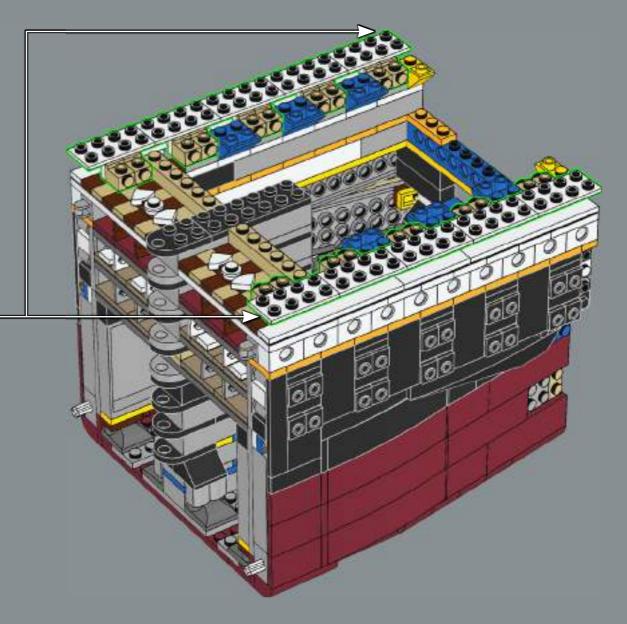




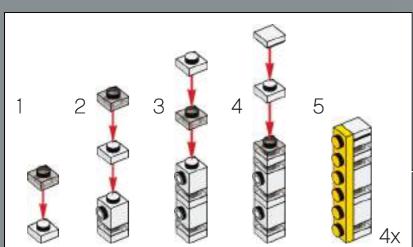


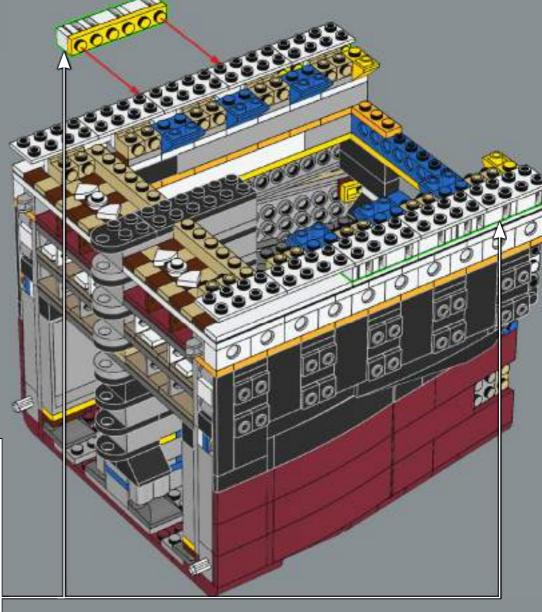




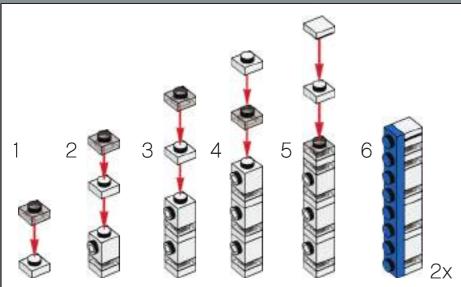


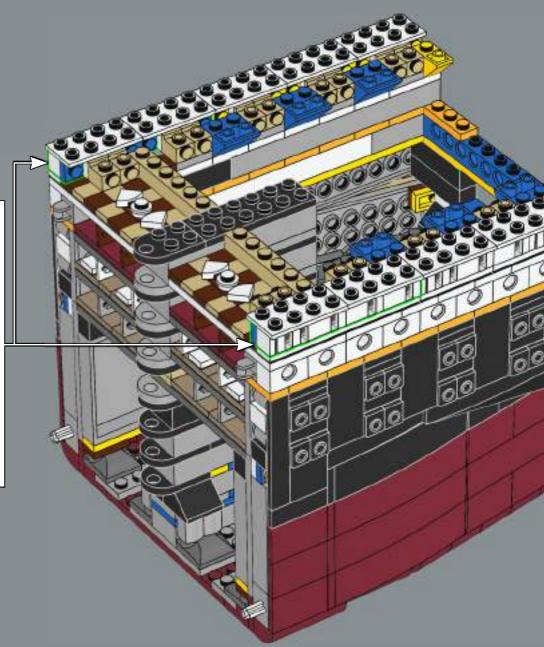


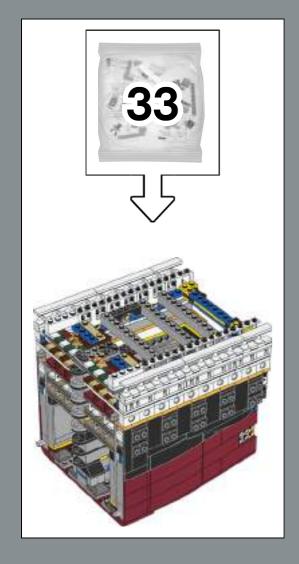


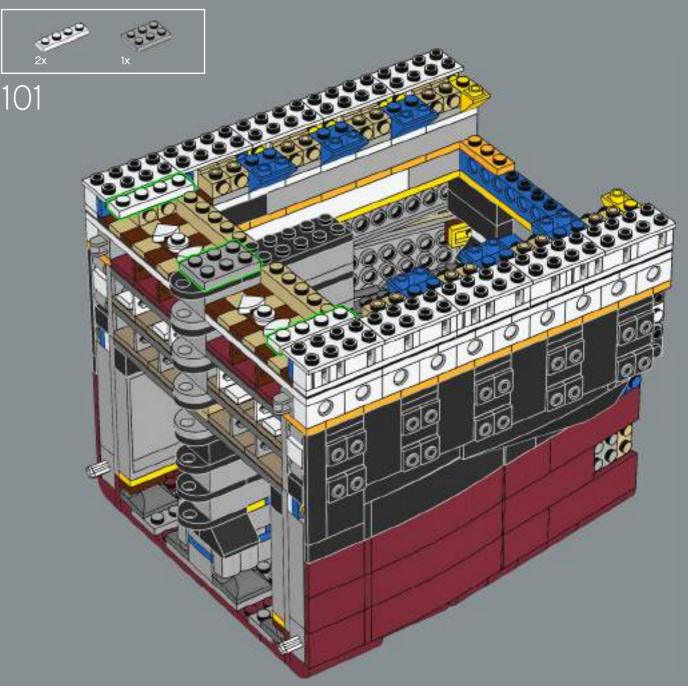


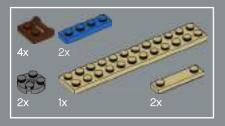


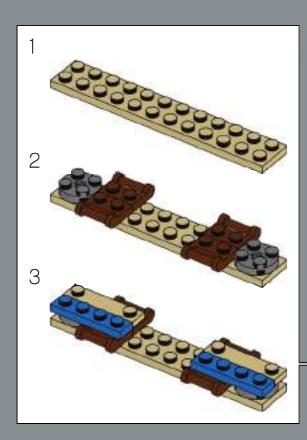


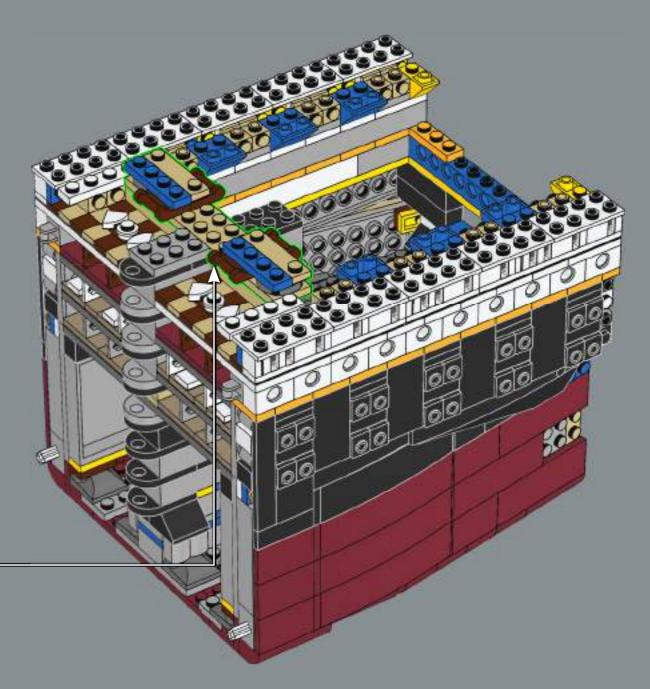


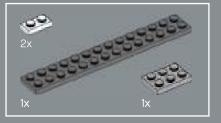


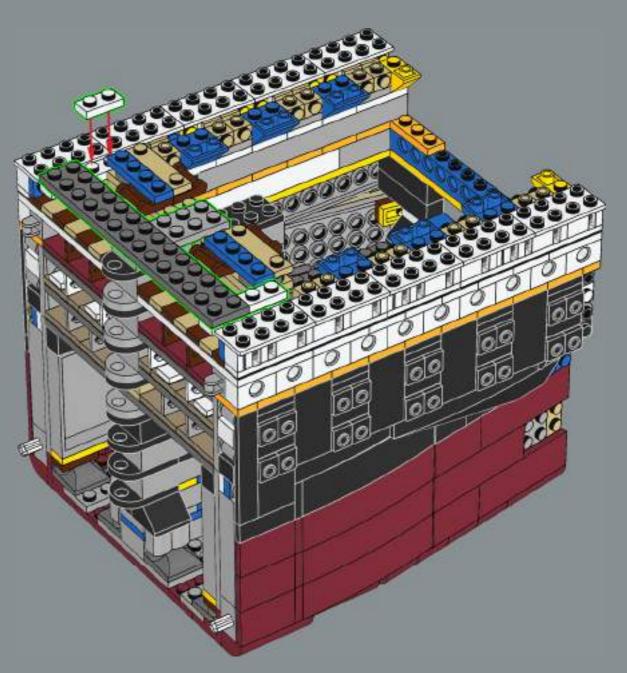




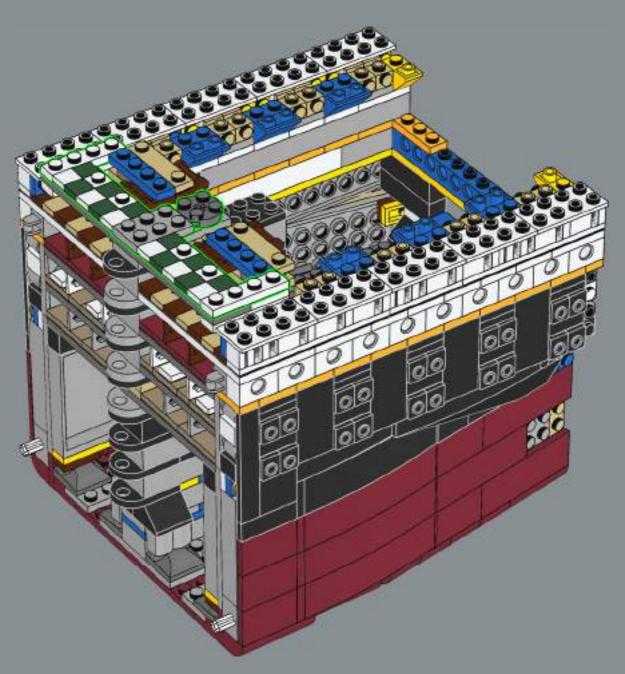


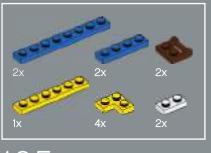


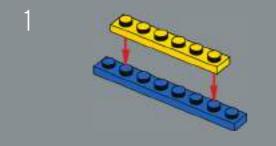


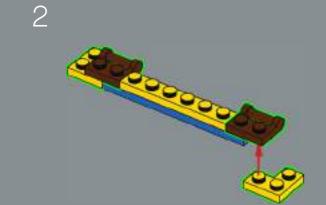


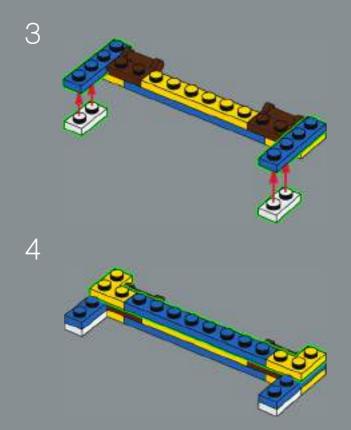


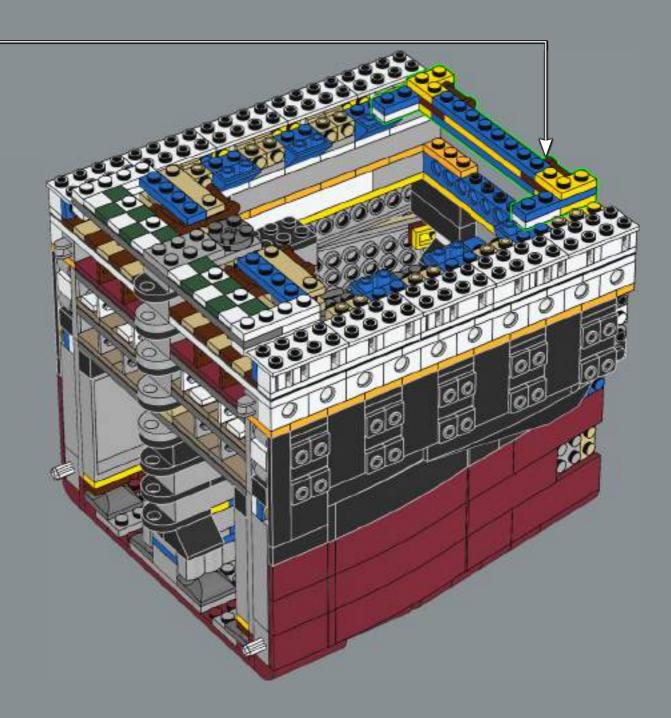


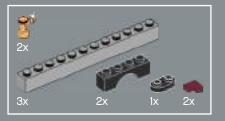


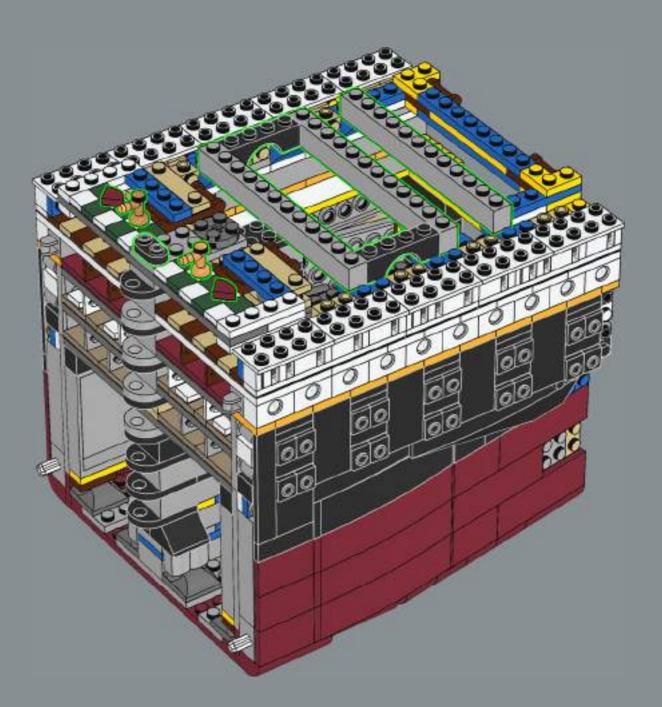




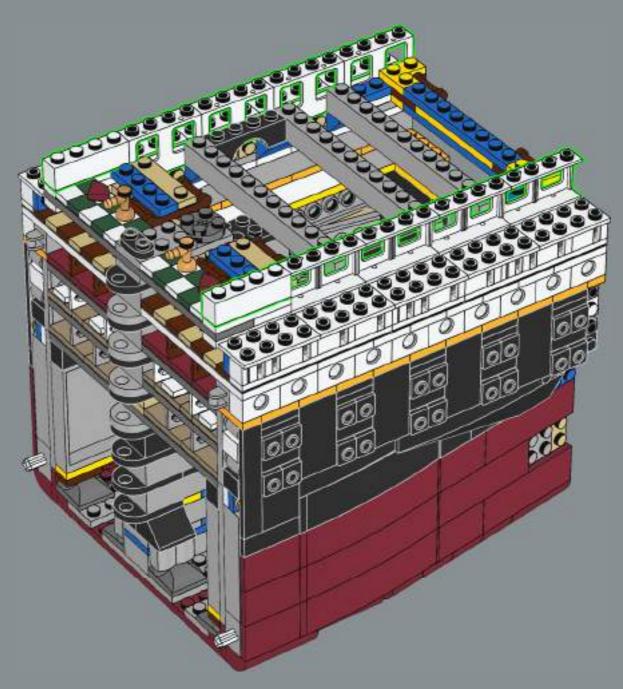


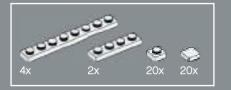




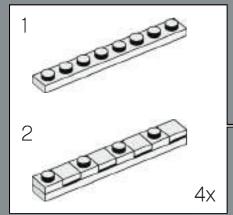


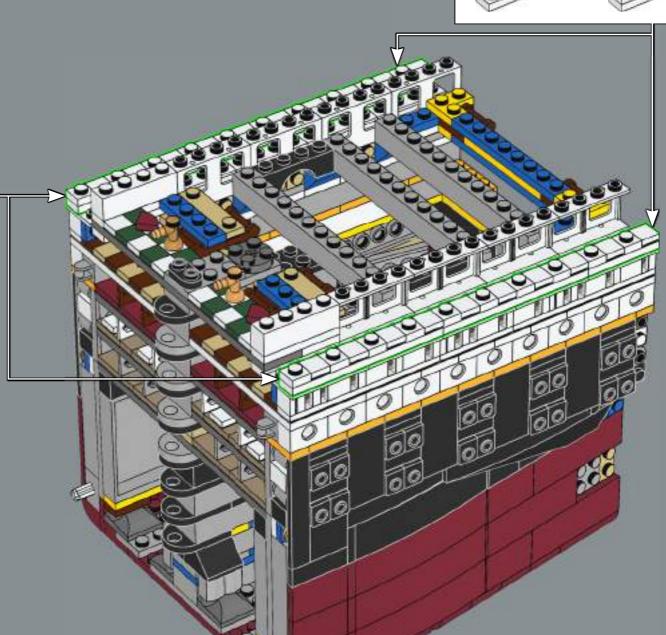




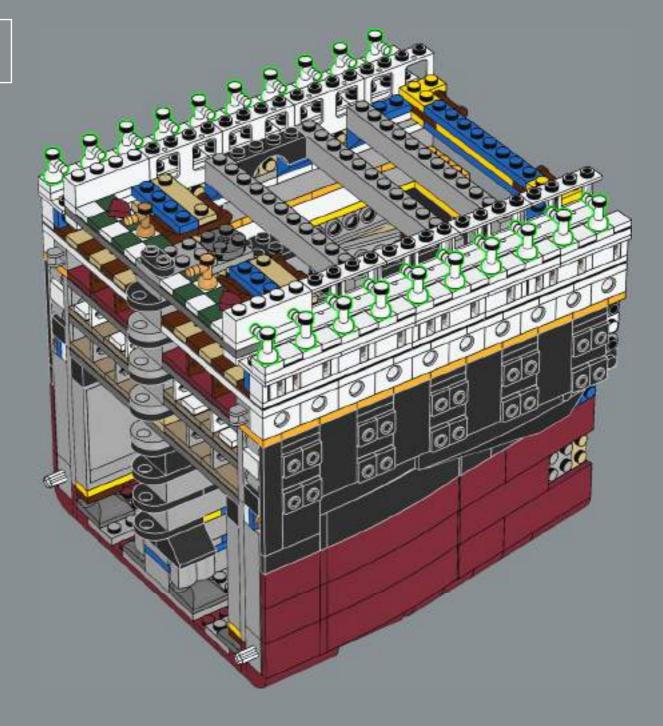


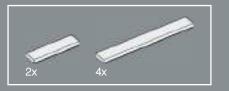


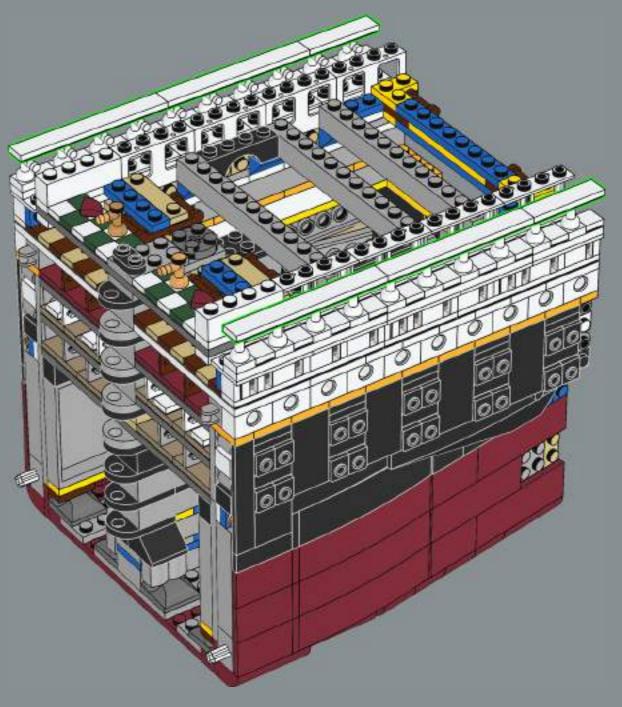


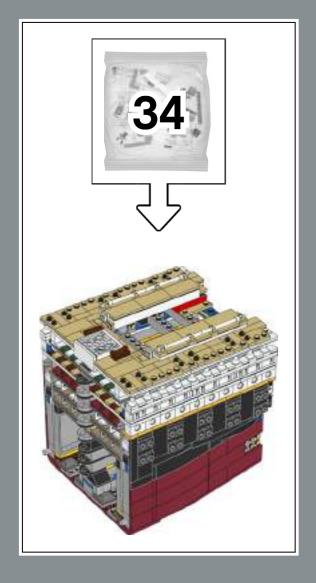


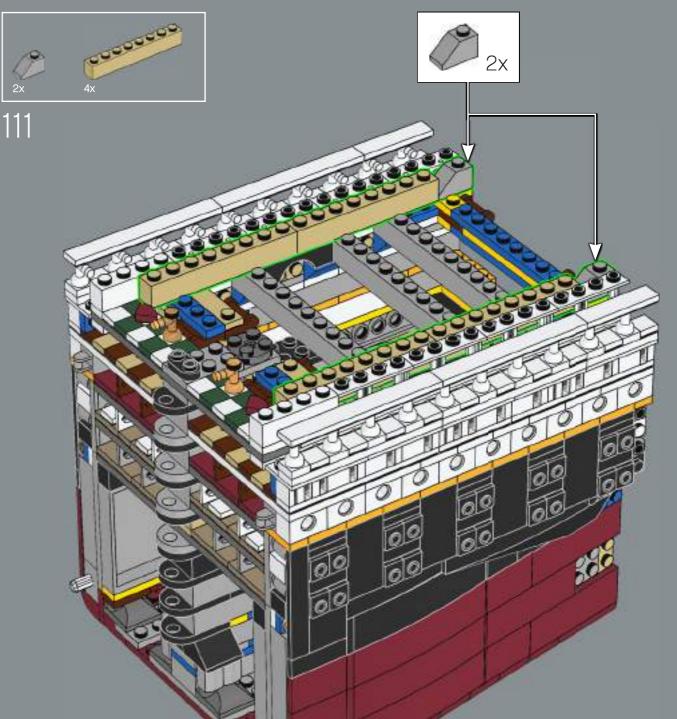


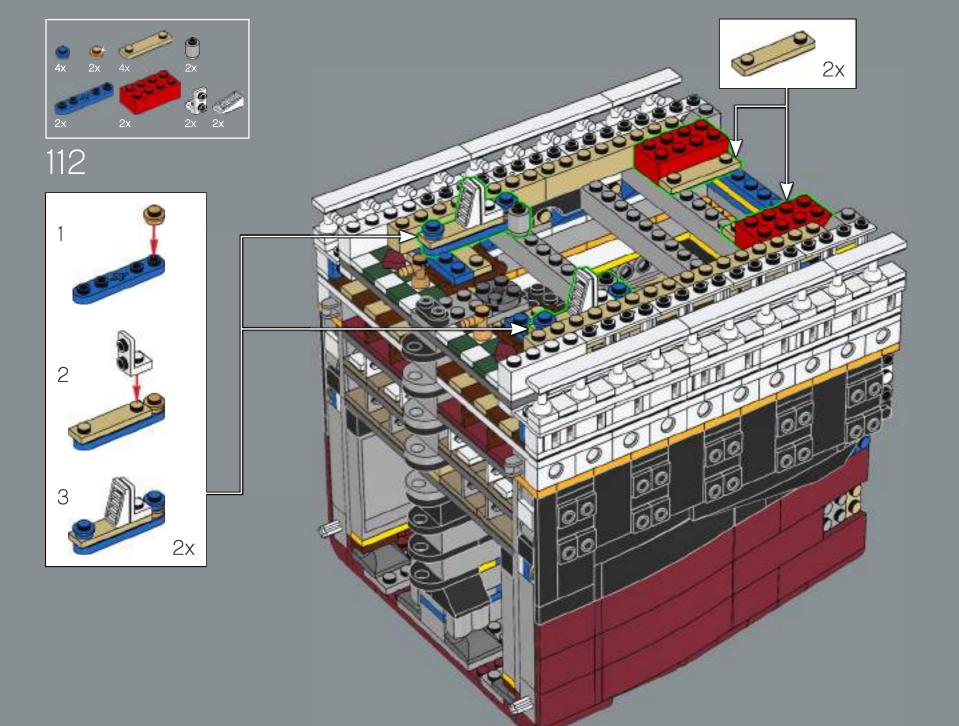


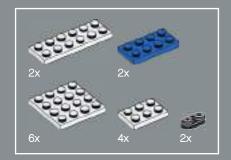


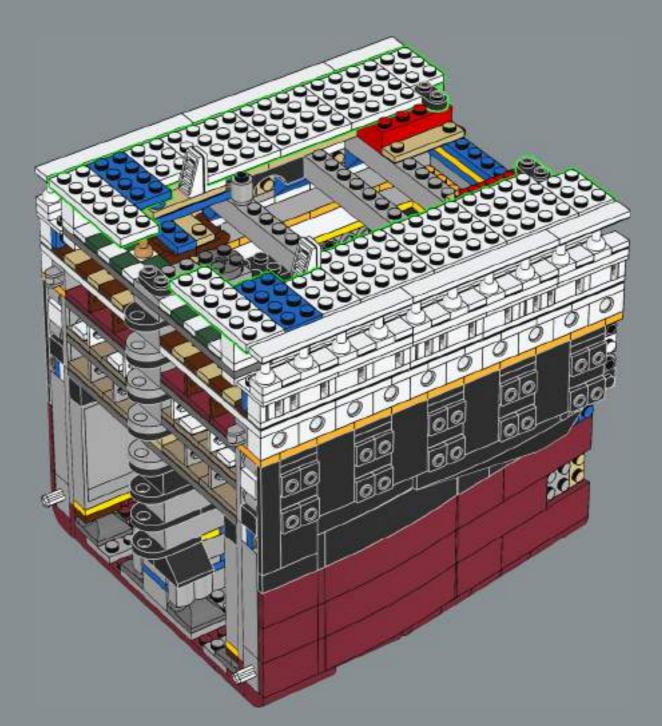


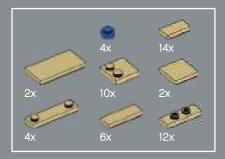


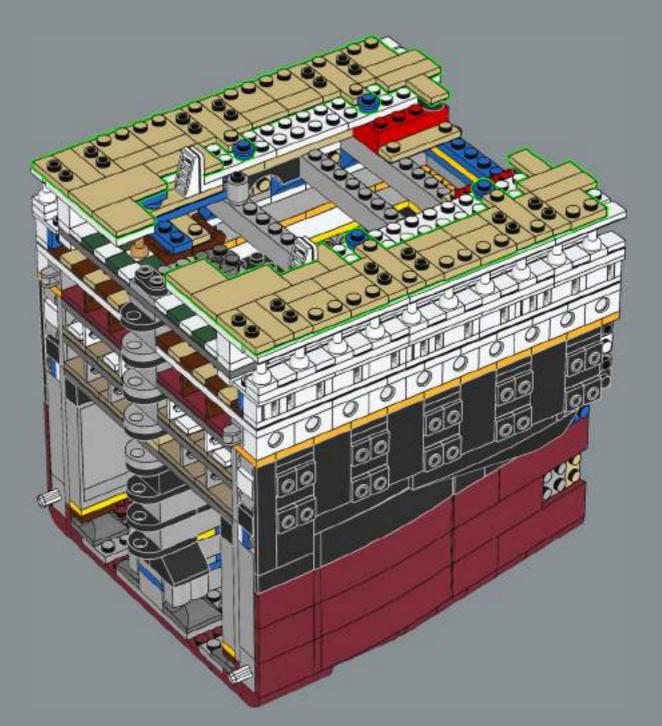


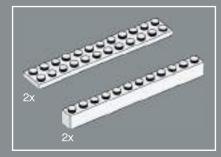


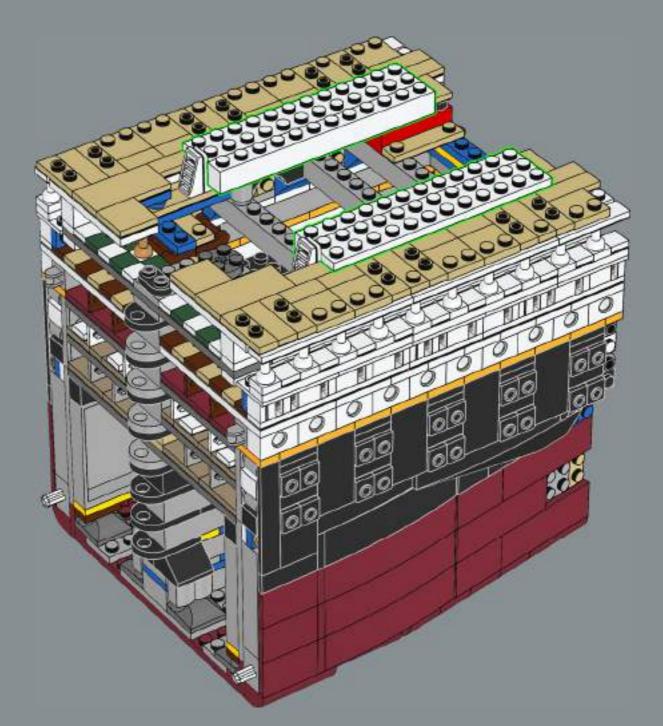


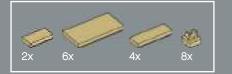


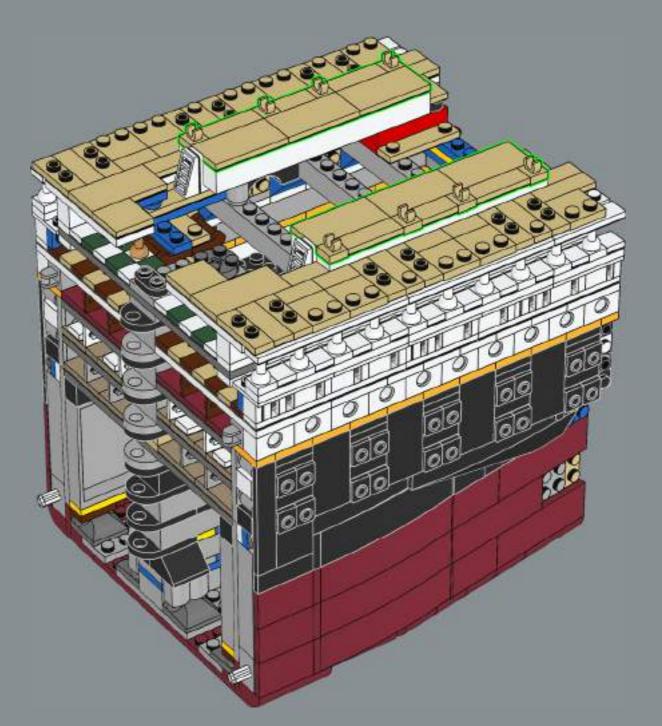


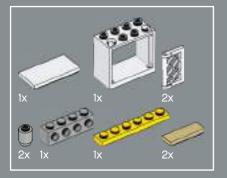


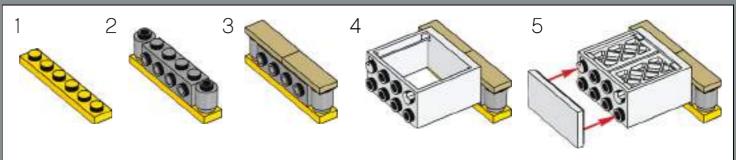


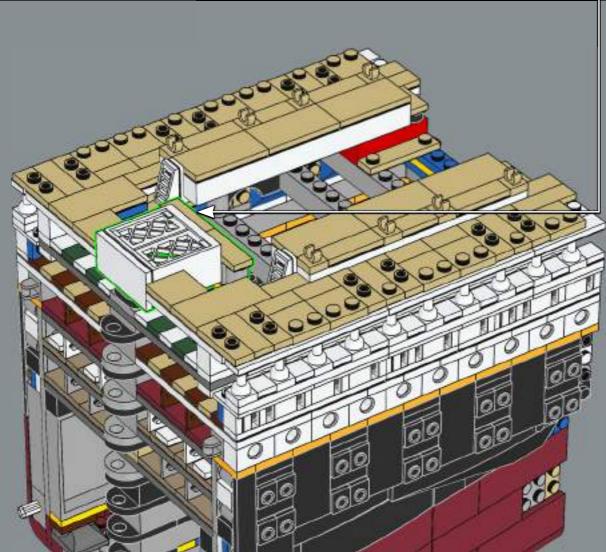


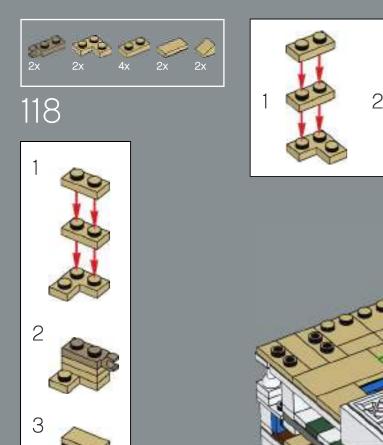


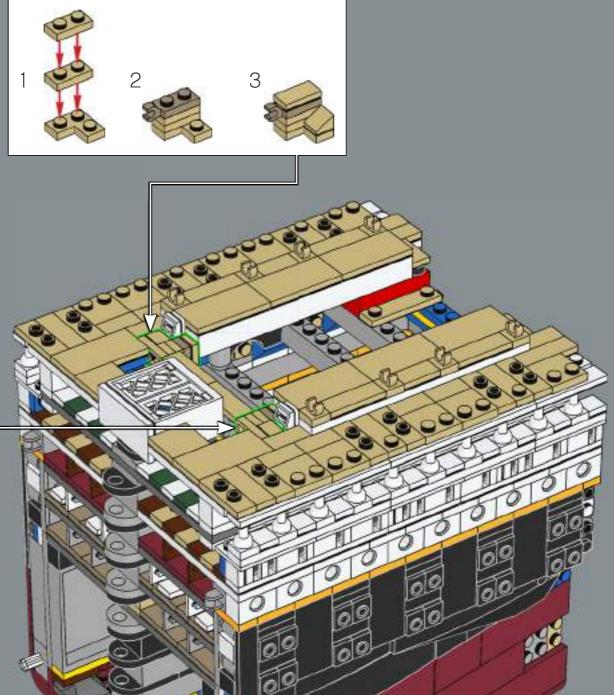




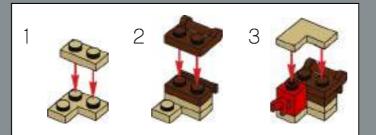


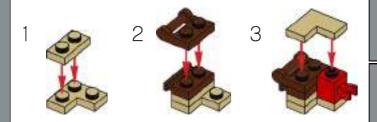


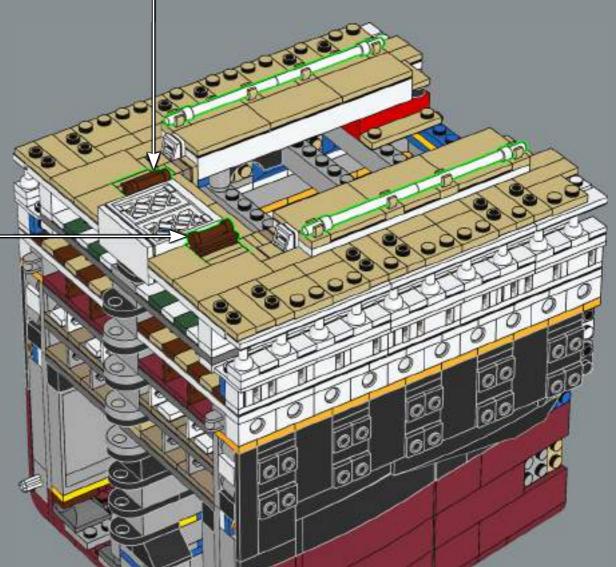


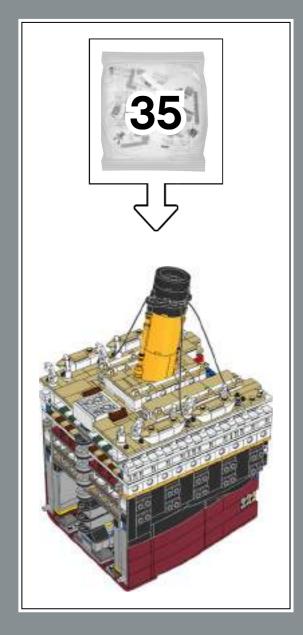


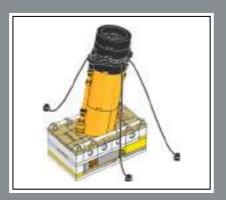


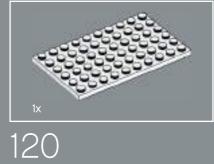




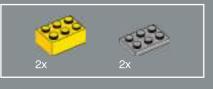


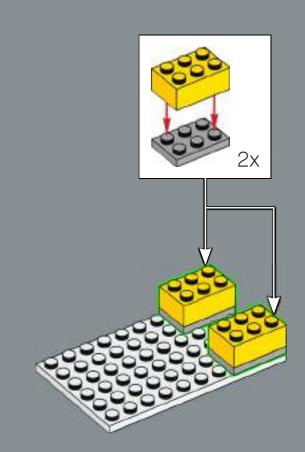


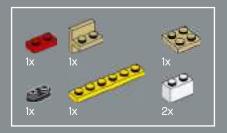


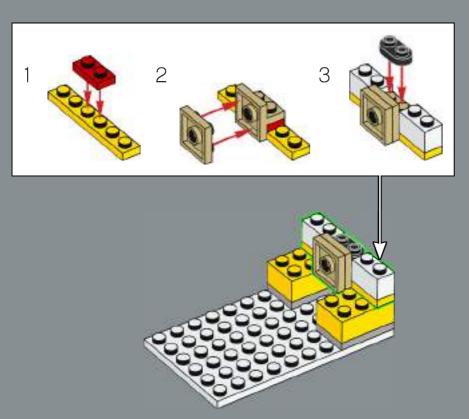


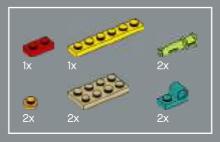


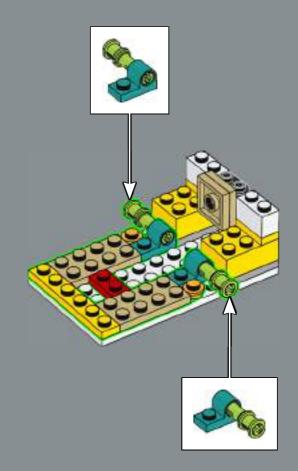


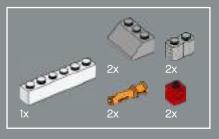


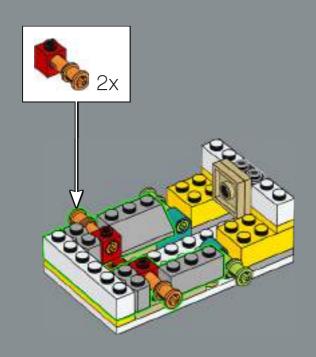


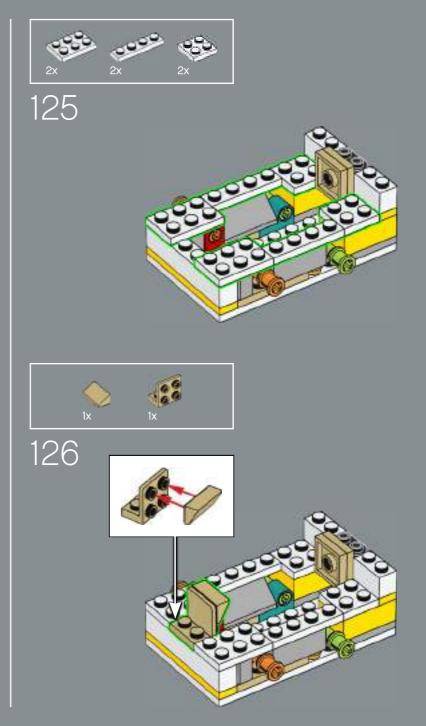




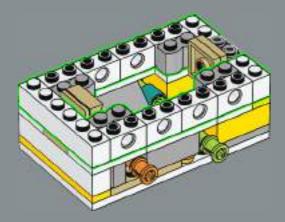


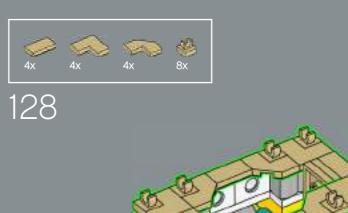


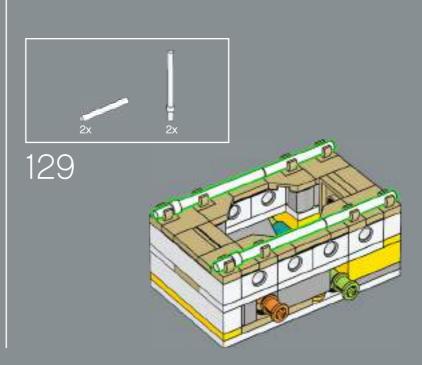






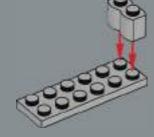




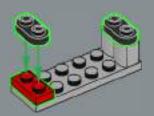




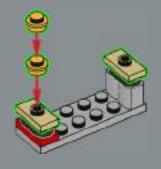






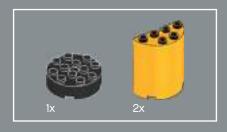


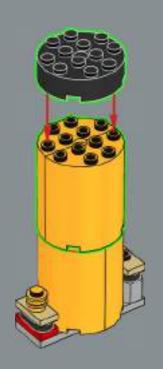


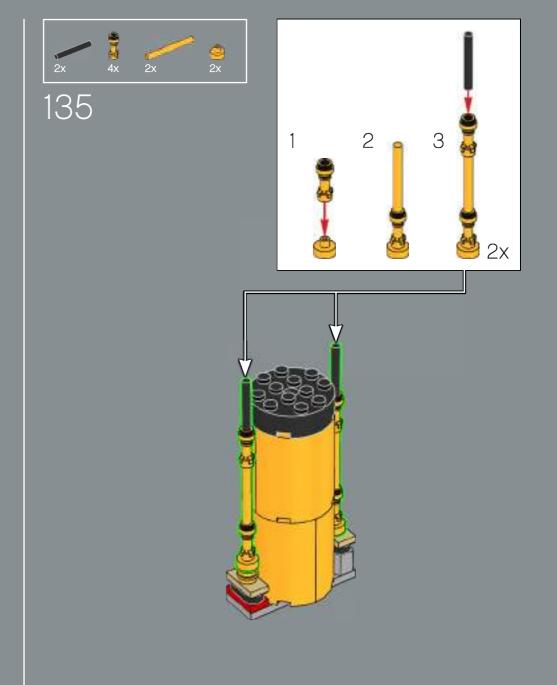




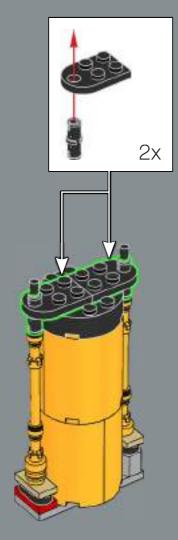




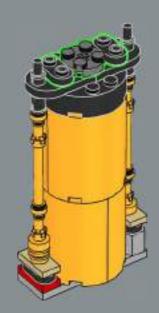




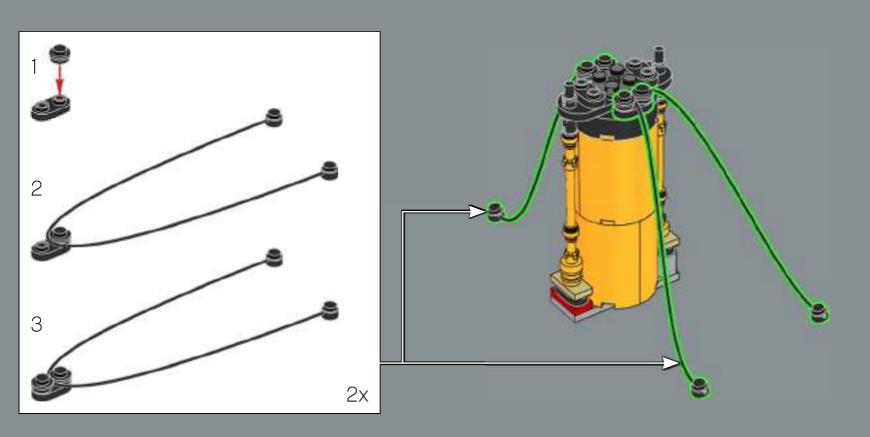




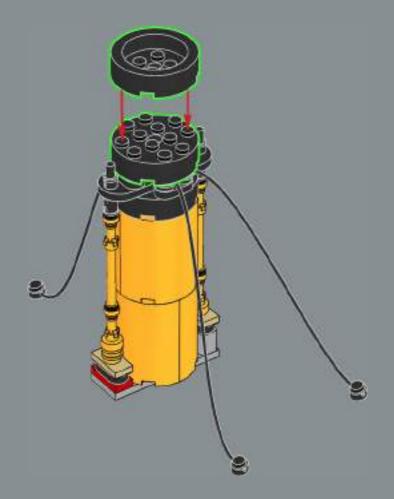






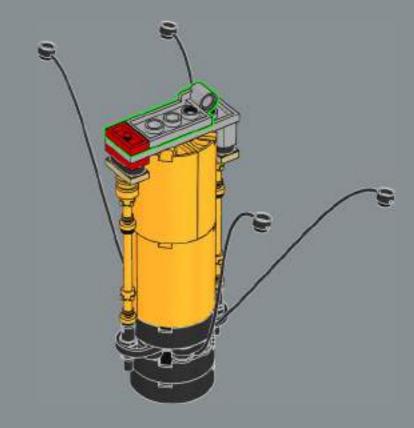




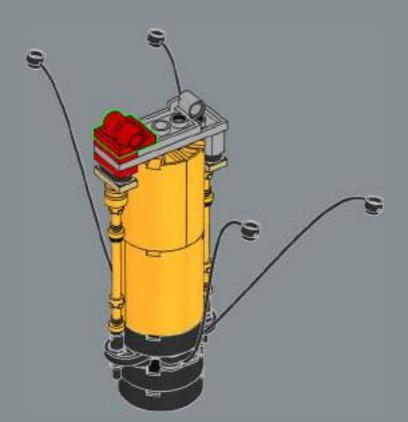


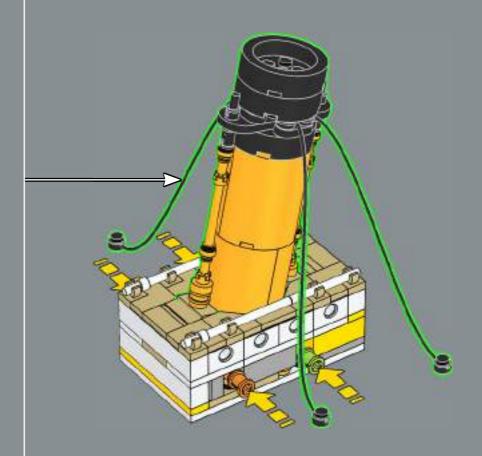




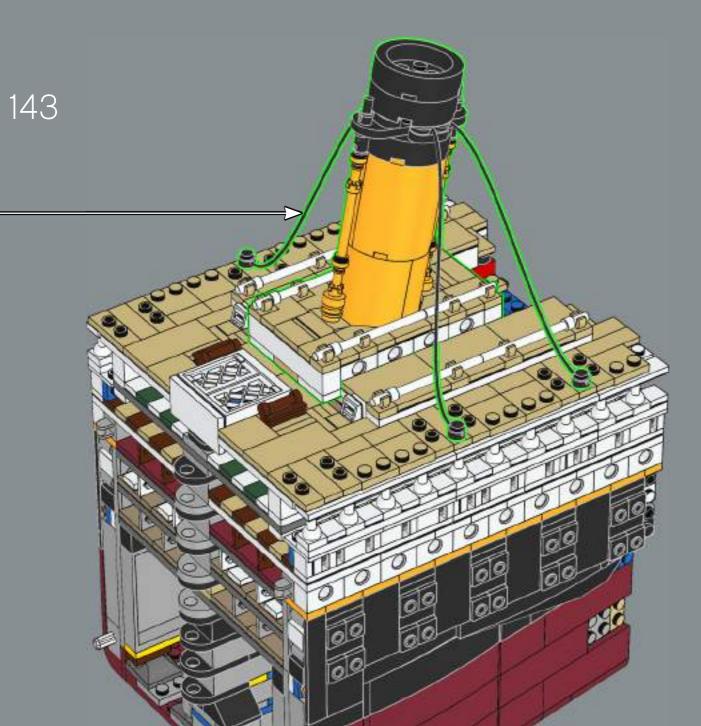


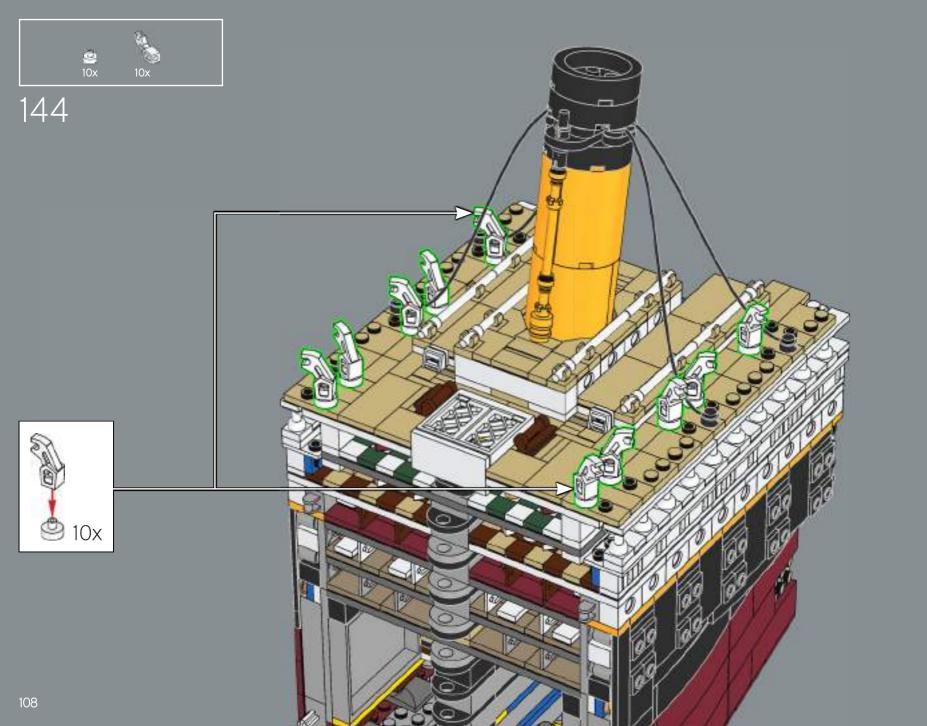


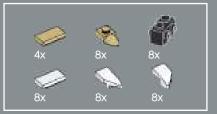


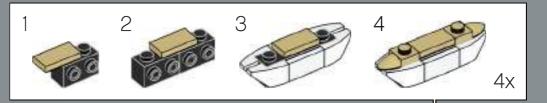


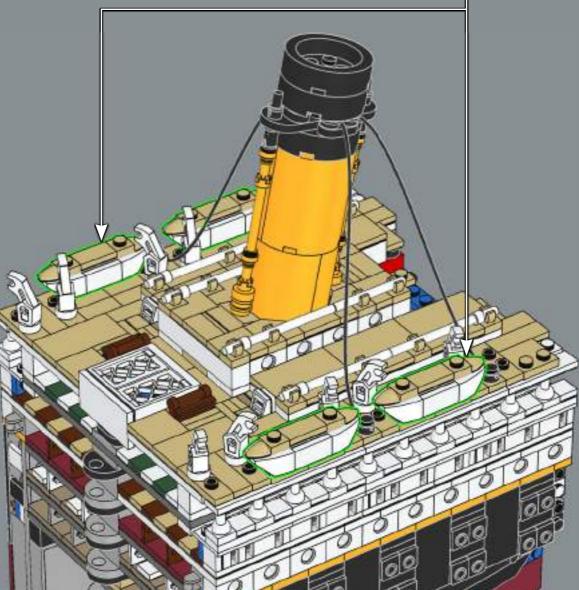
The *Titanic* had four funnels, though only three were functional—the last one was a dummy, installed for aesthetic purposes

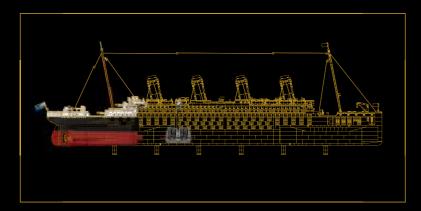










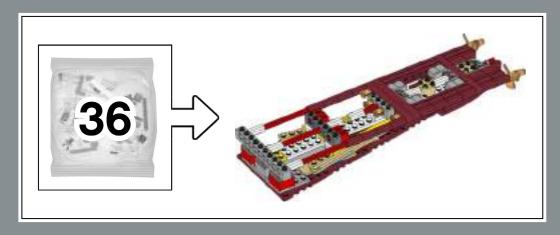


**SECTION 6:** 

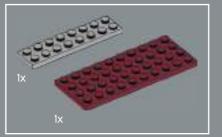
## STERN & WELL DECK

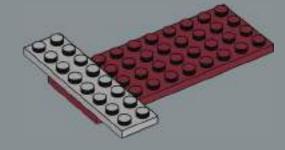
This final section is the most complicated section of the hull and includes the rudder and three main driveshafts that connect the propellers to the engines. You will build the two main piston engines that are linked directly to the port and starboard screws. Turning the screws moves the engine crankshafts and pistons inside the model.

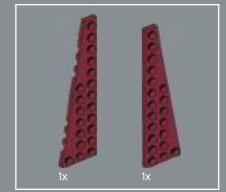


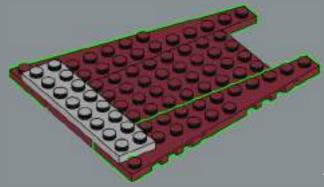


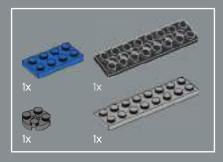


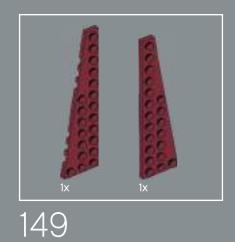


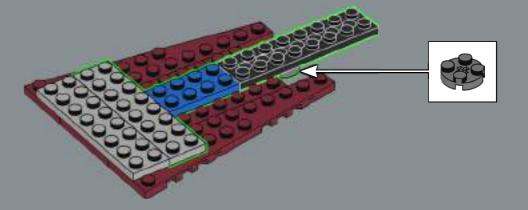


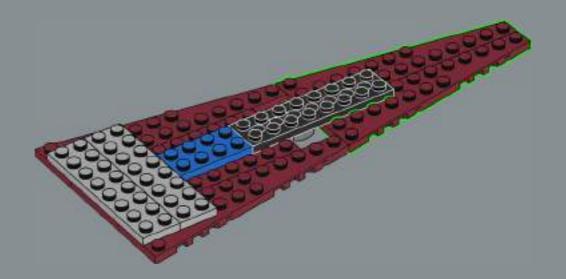


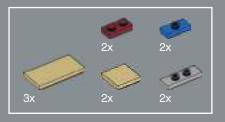


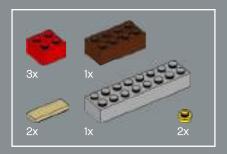


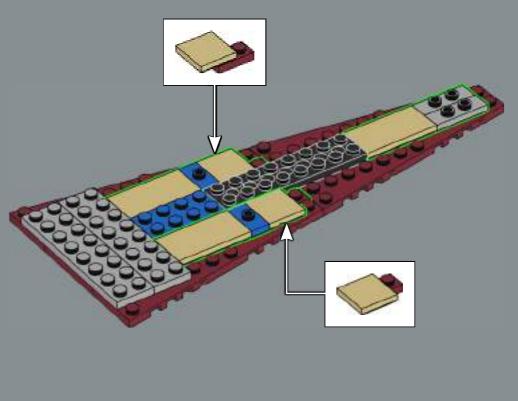


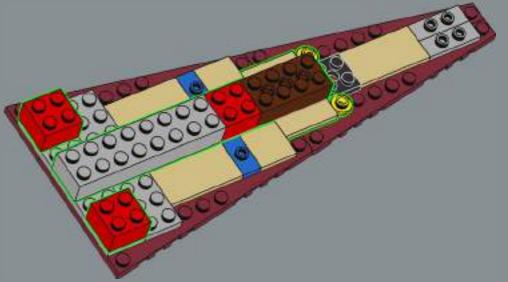


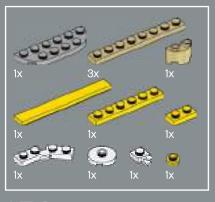




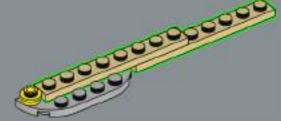


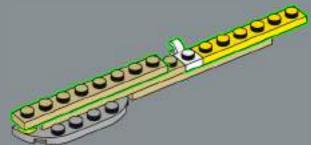


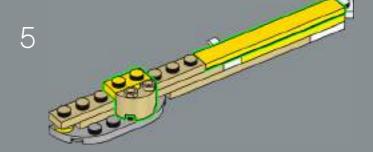


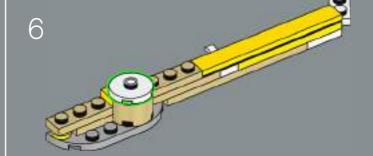


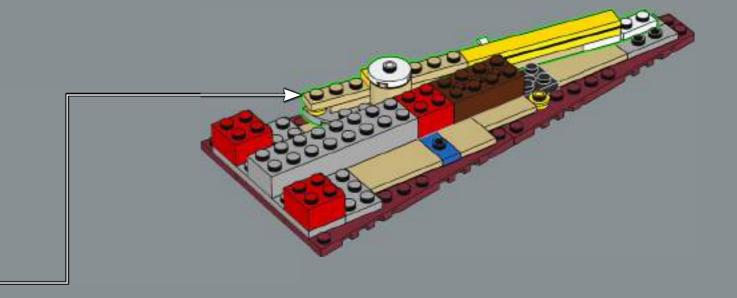


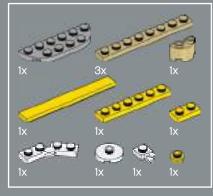




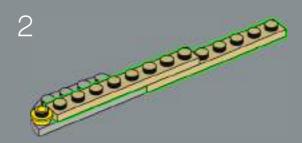


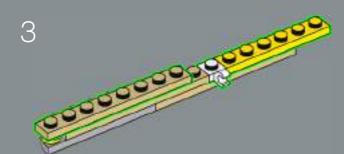


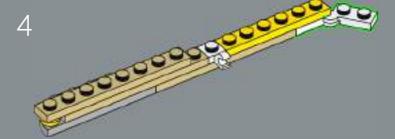


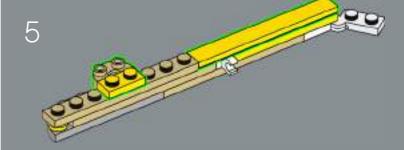


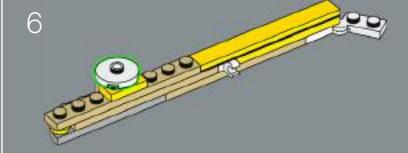


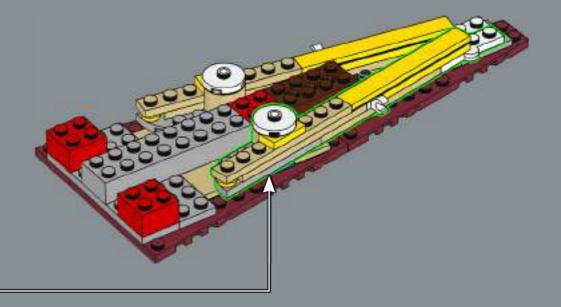




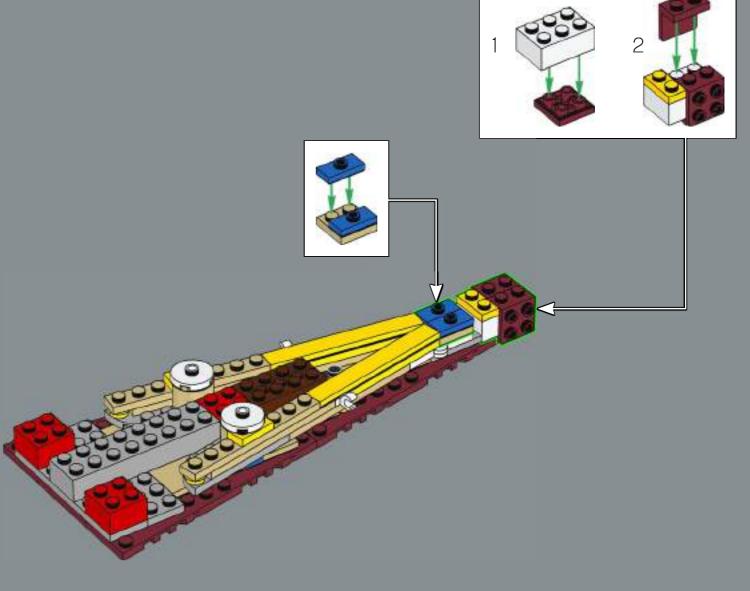


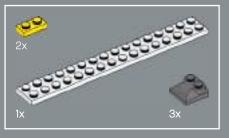


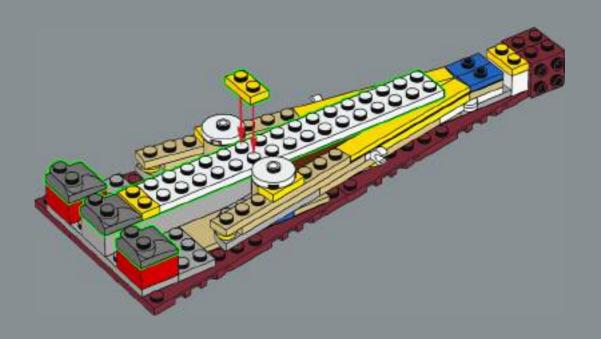


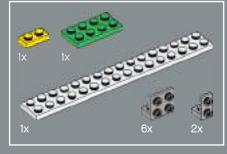


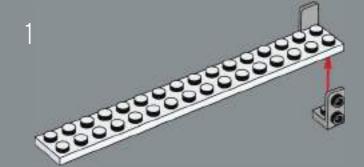


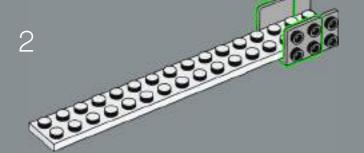


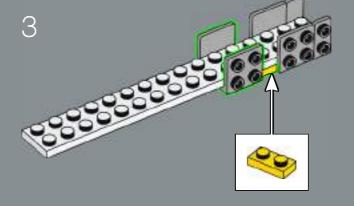


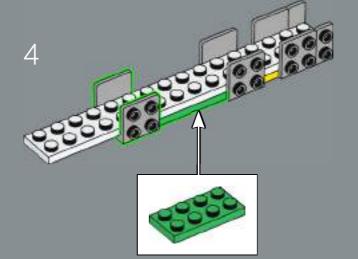


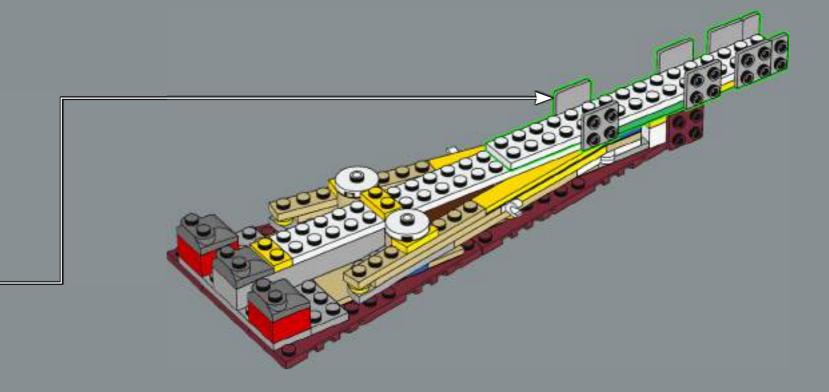




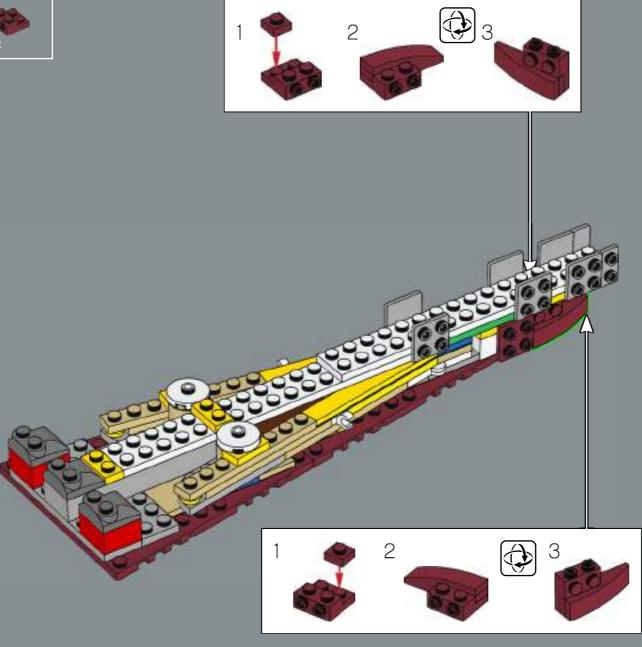


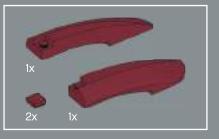


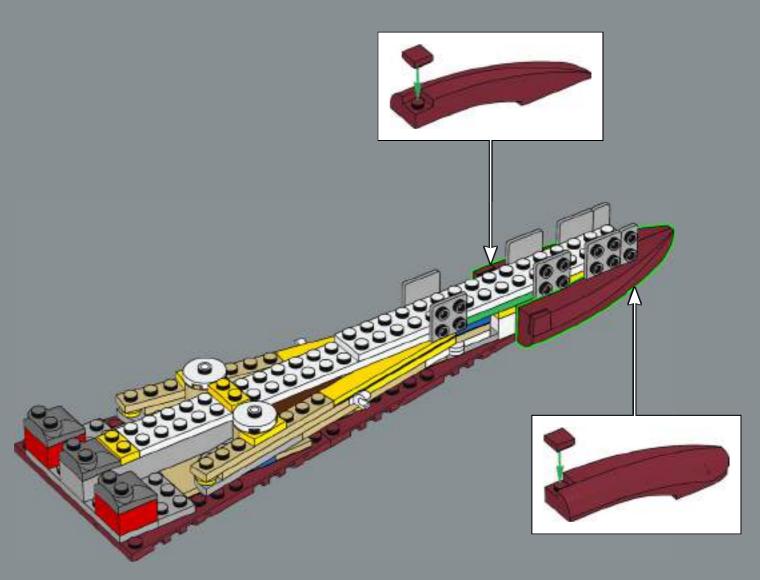


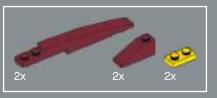


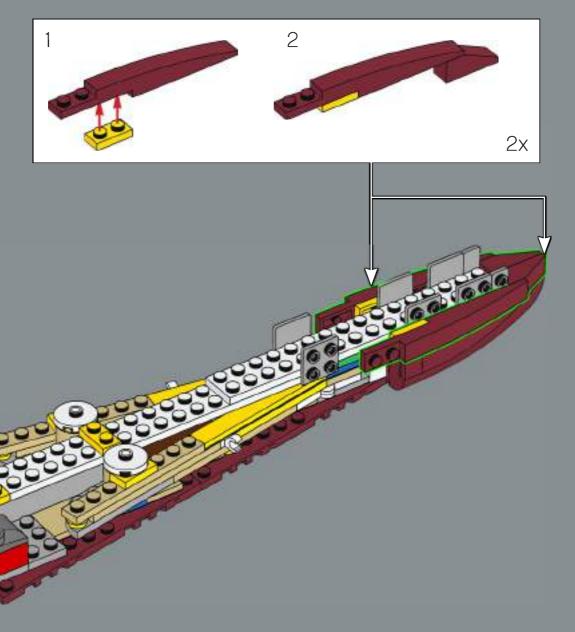


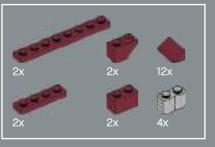


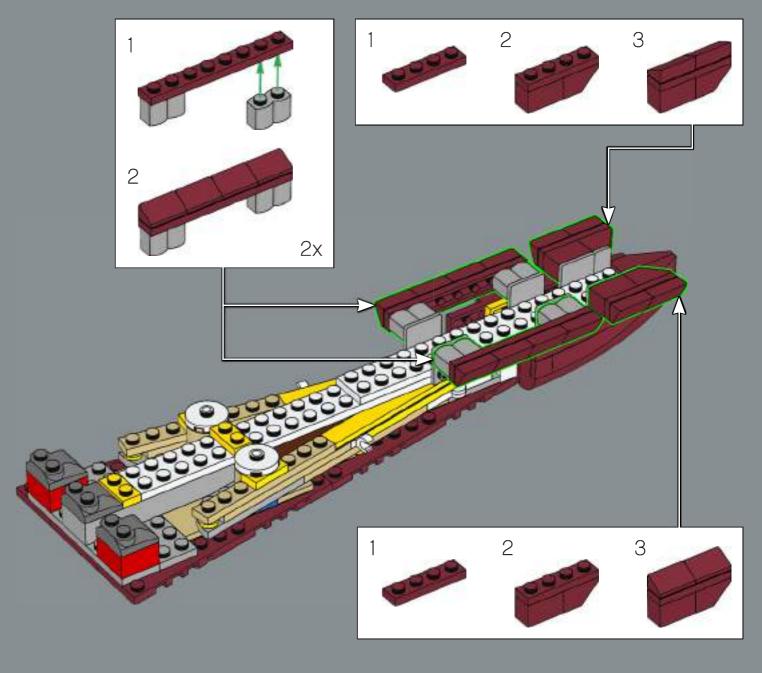




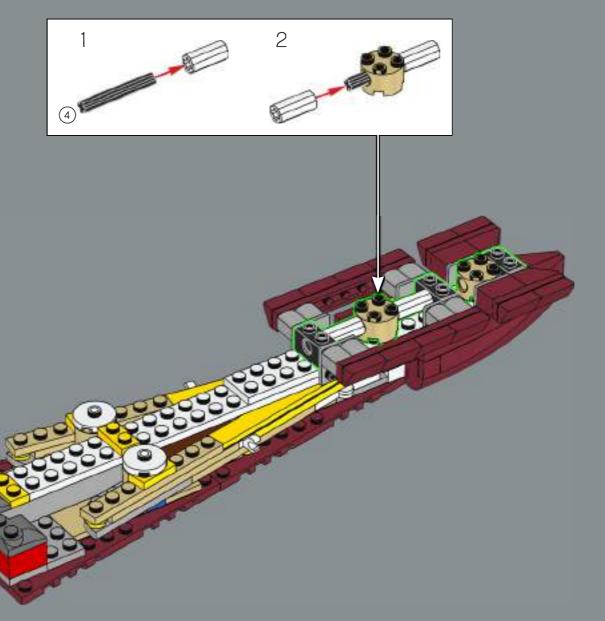










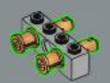










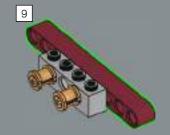




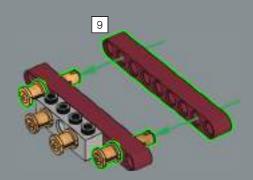


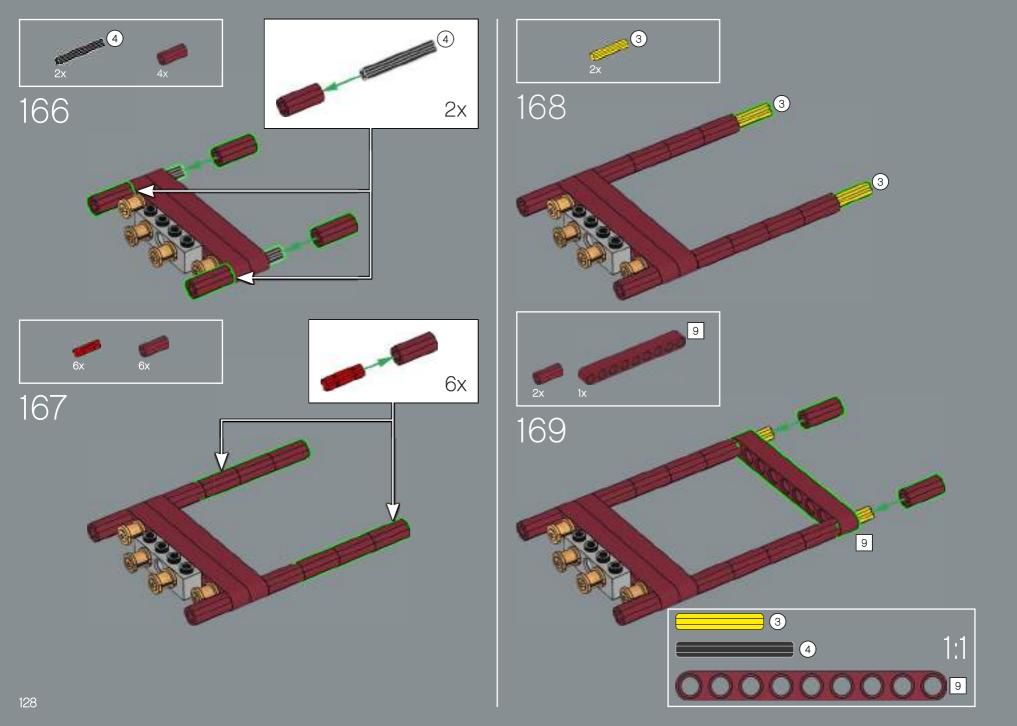


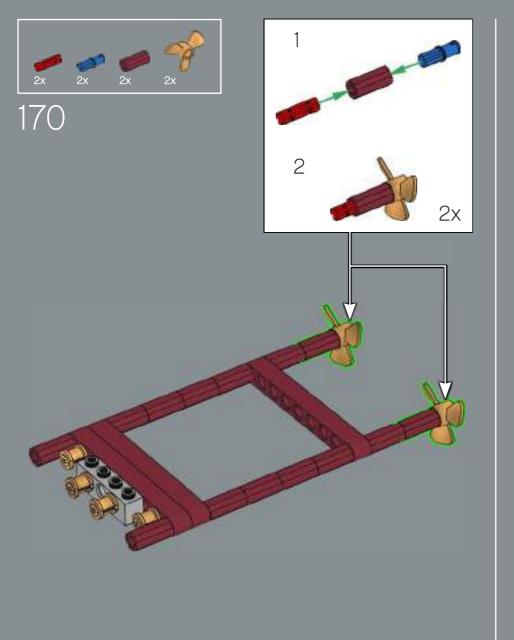


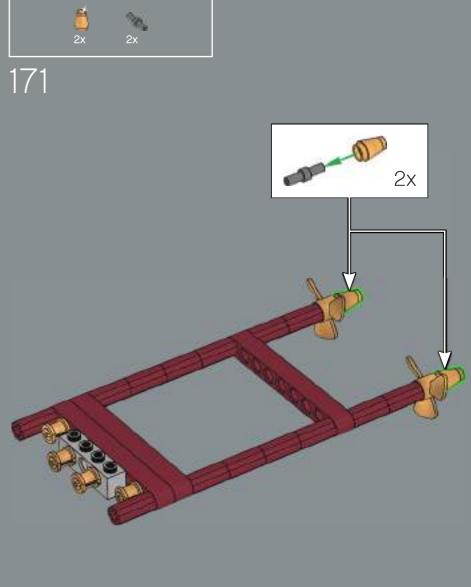


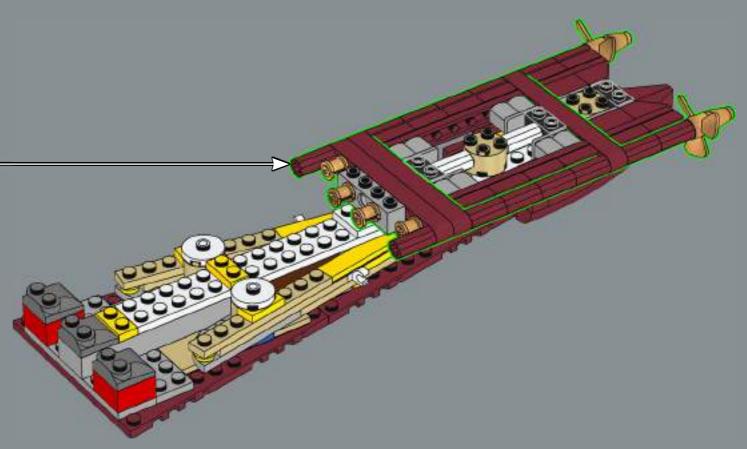


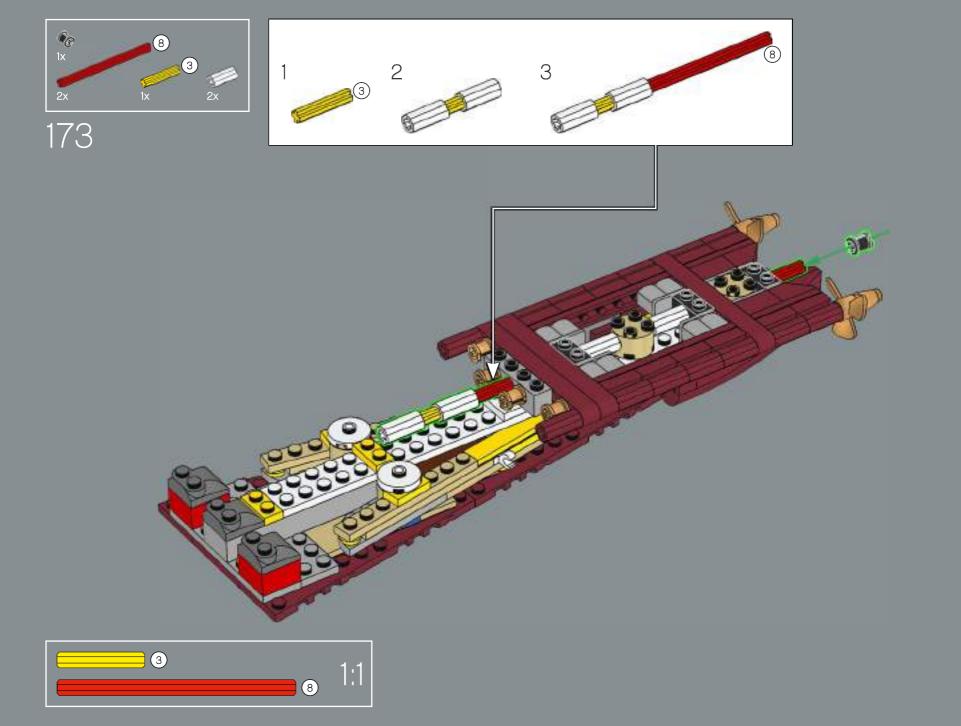


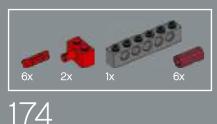


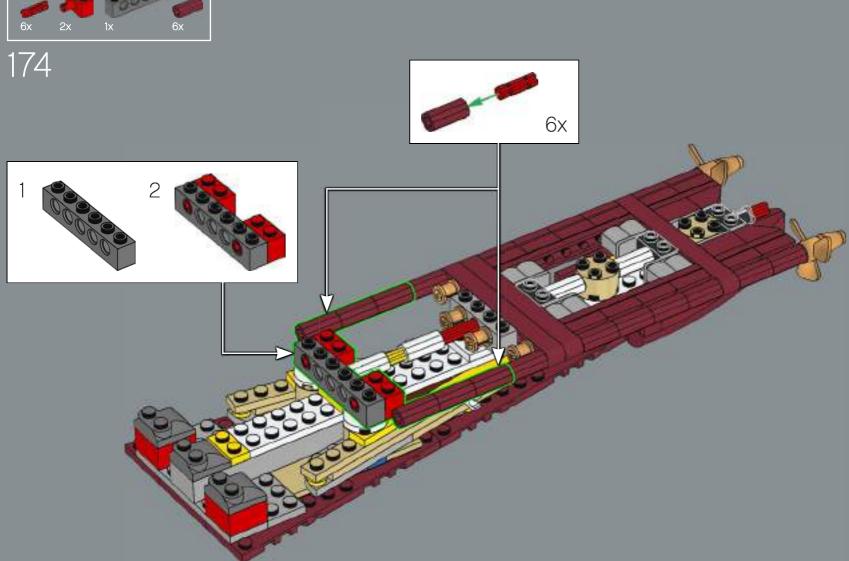


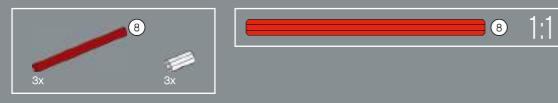


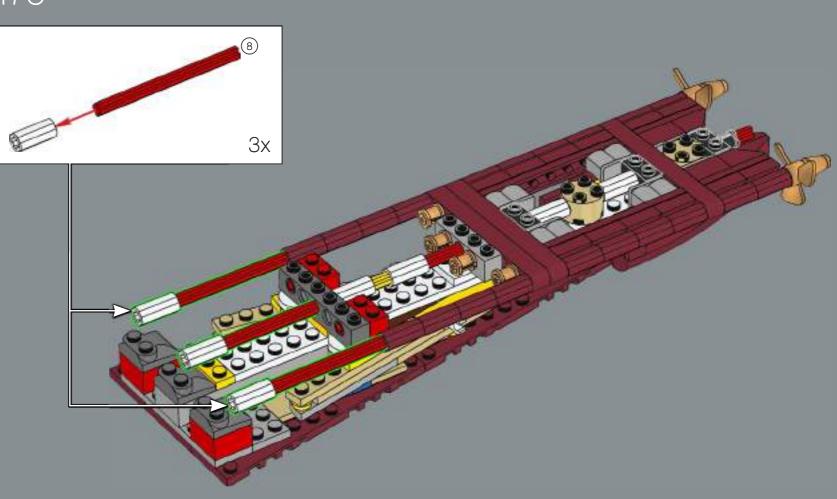




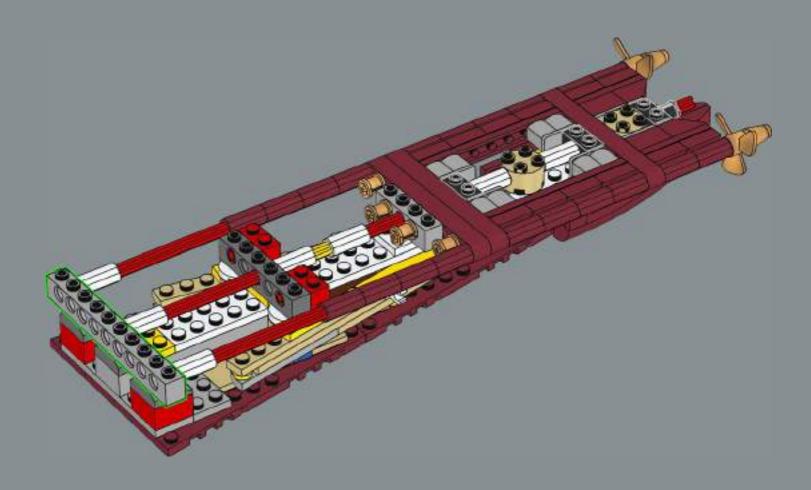


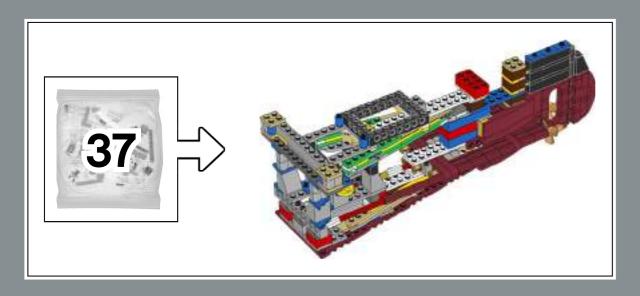




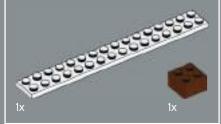


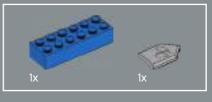


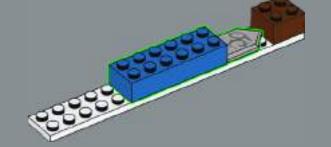




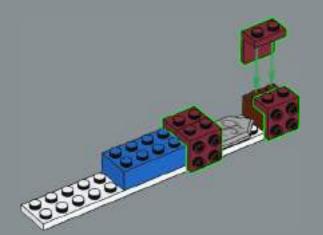




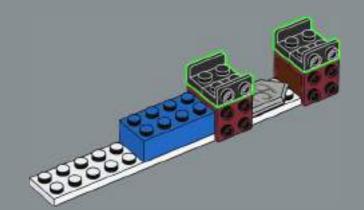


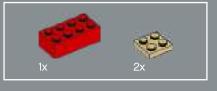


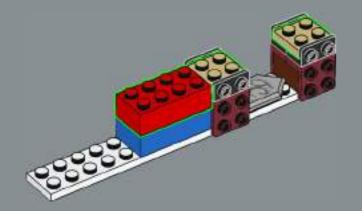


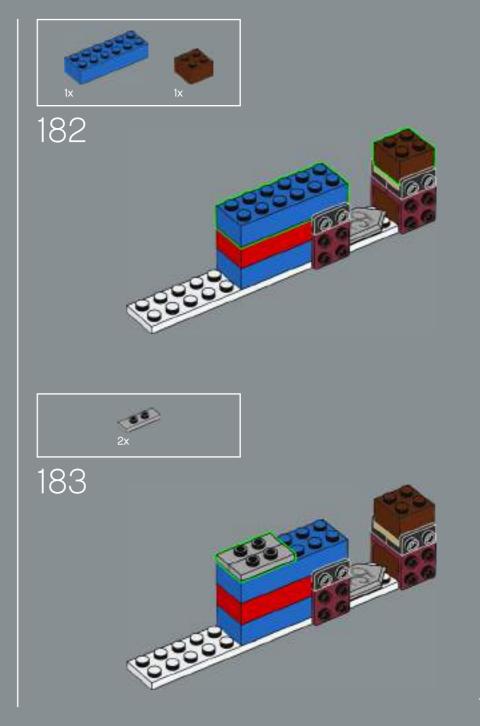


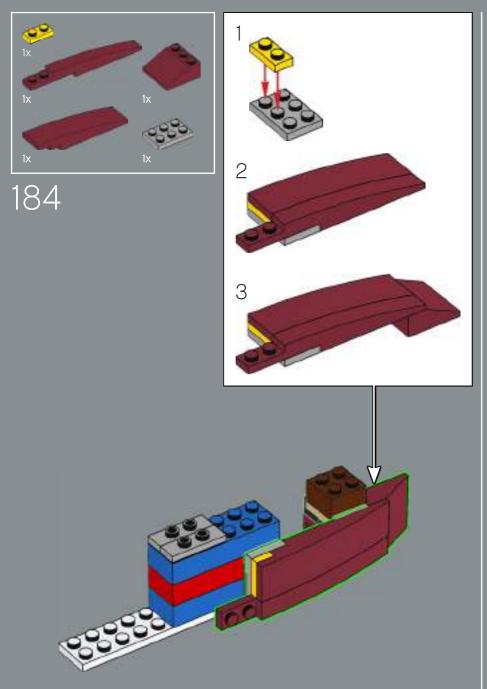


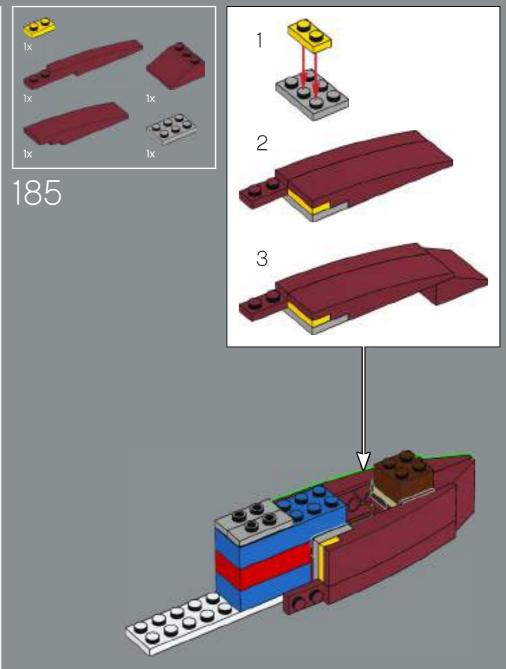


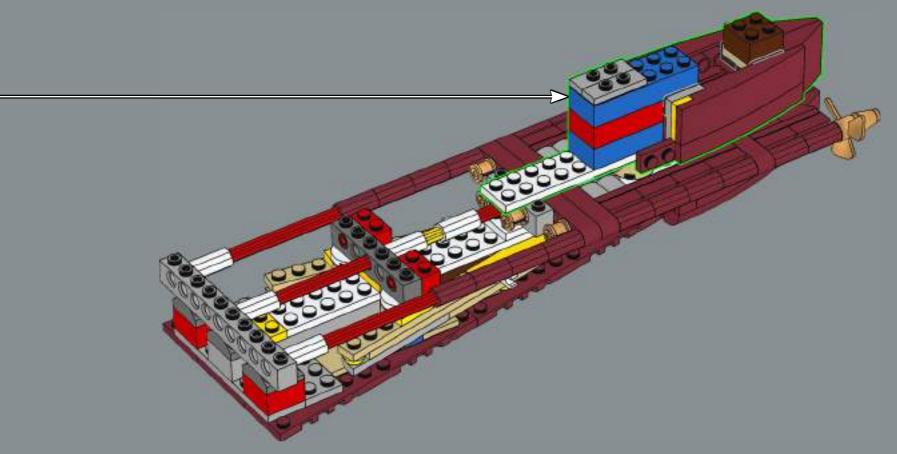


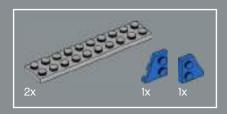


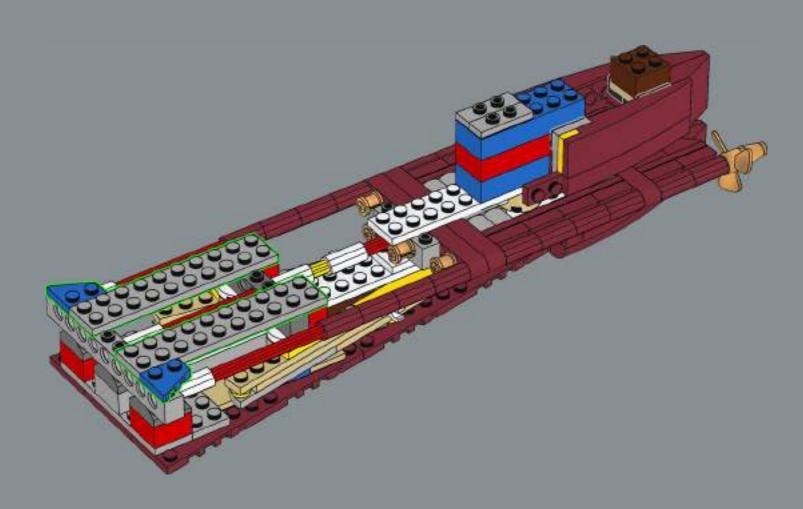


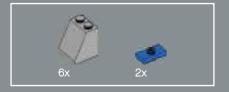


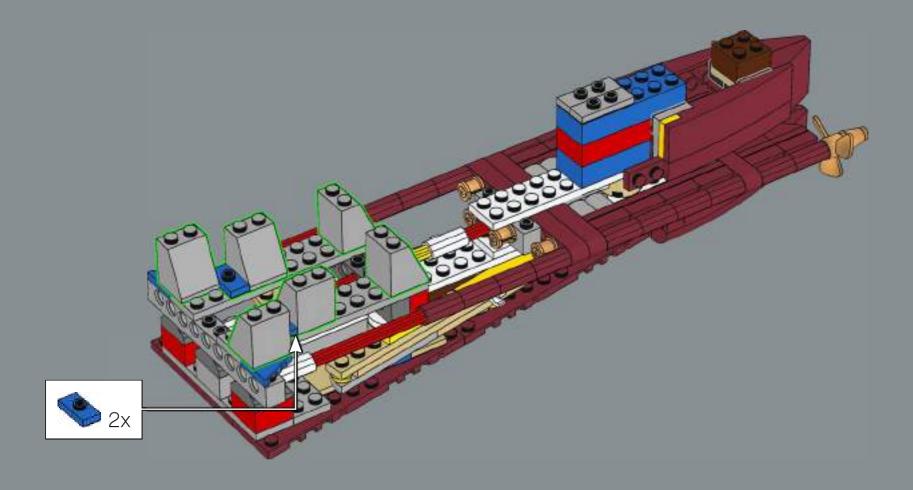


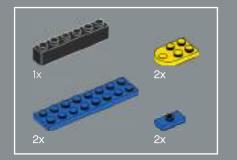


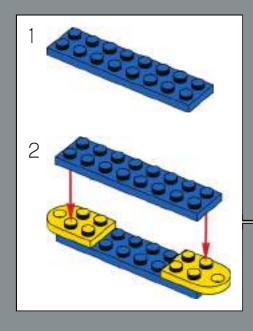


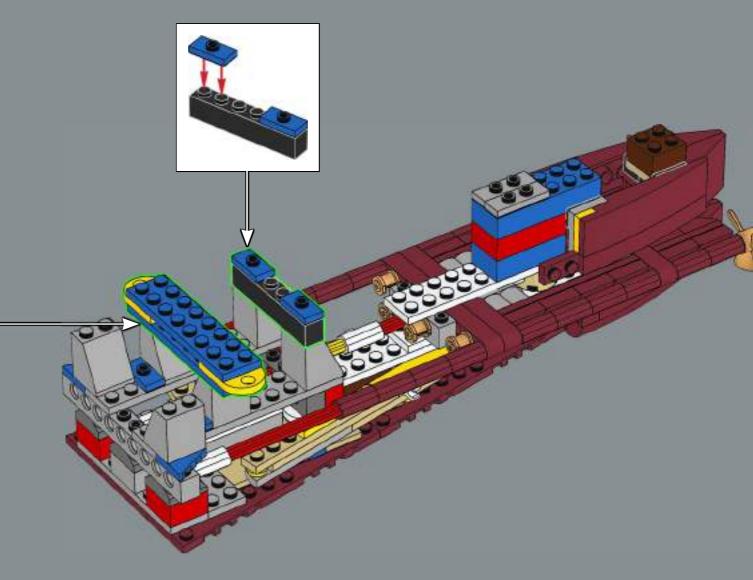




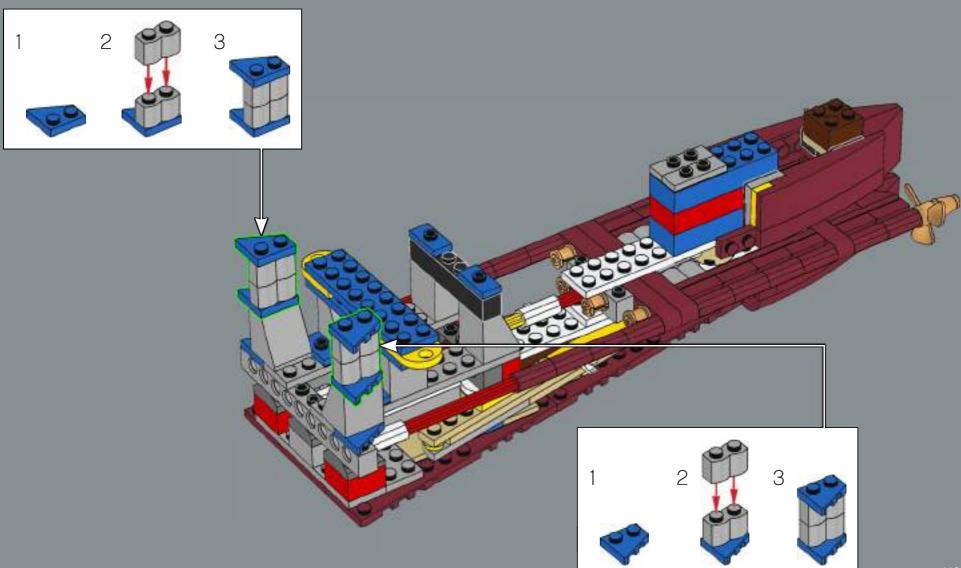


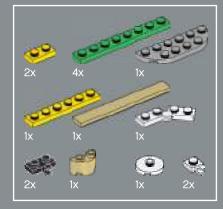




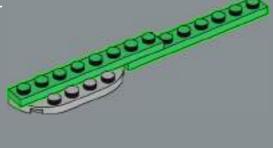


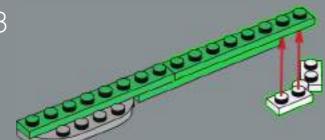


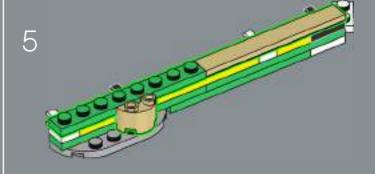


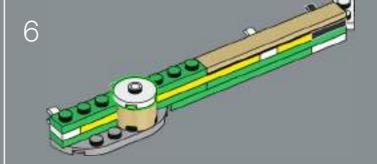


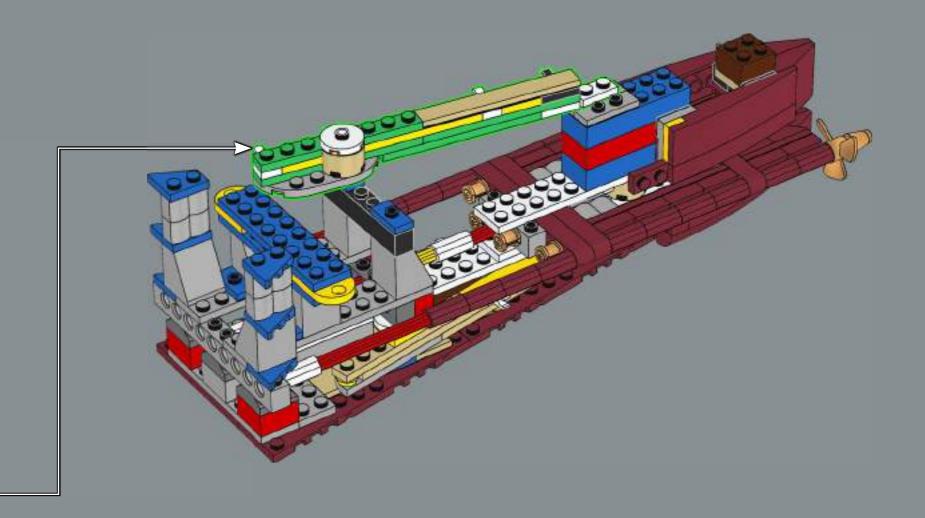


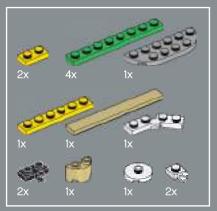




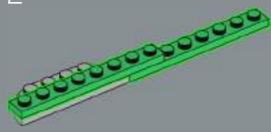


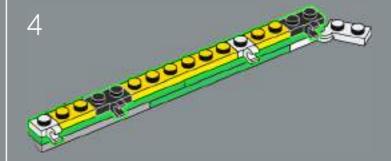


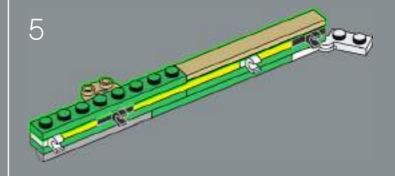


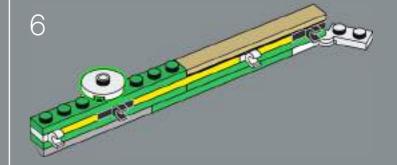


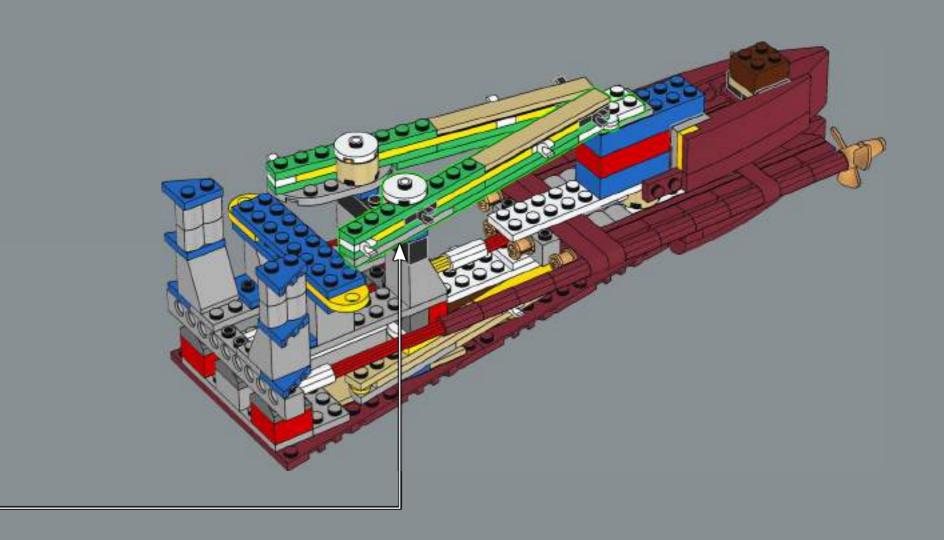


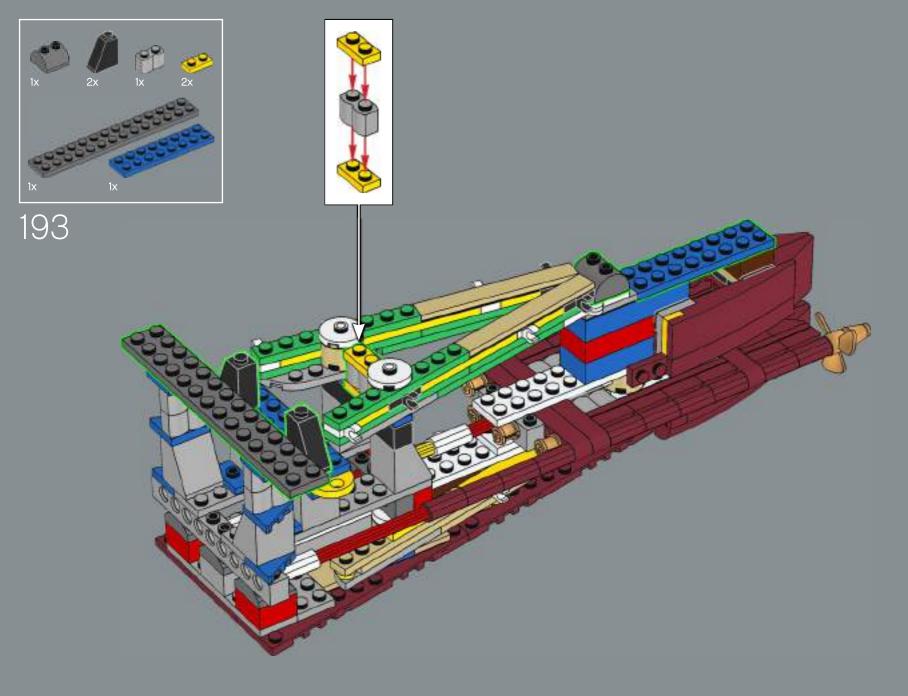


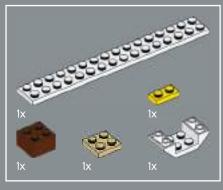


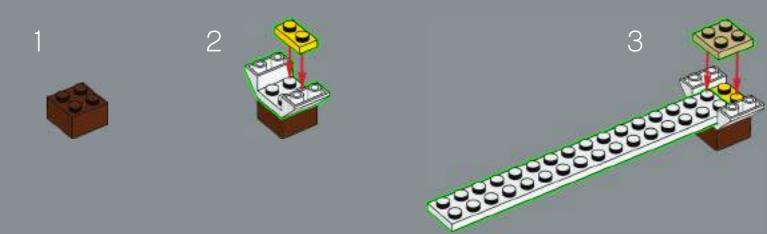




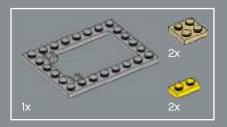




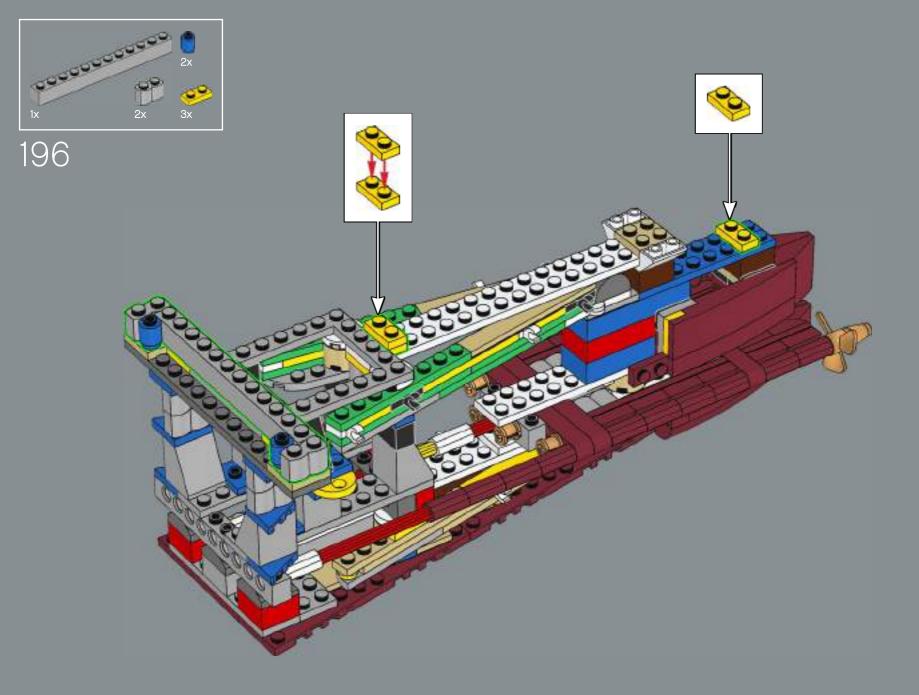


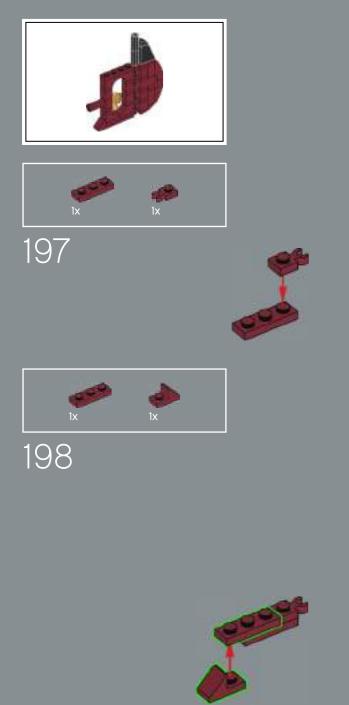


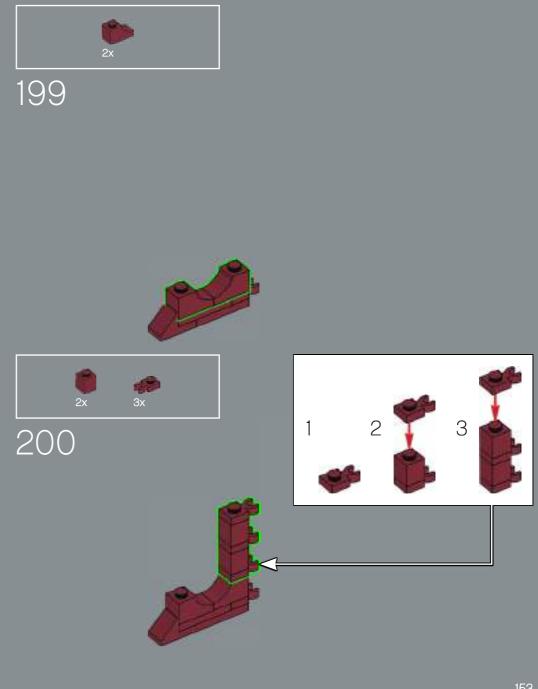


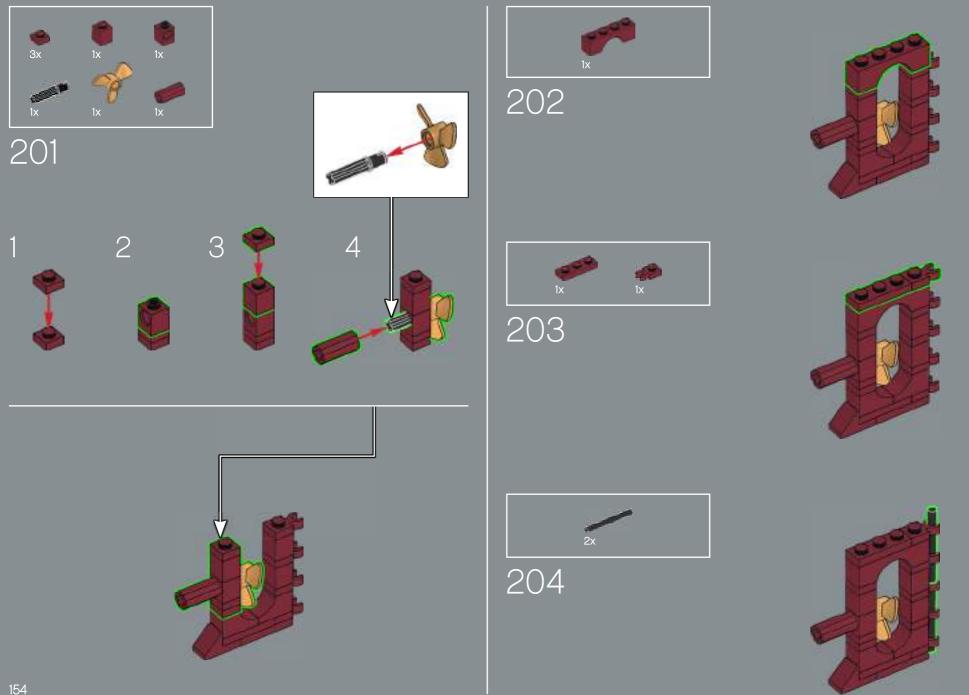


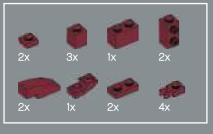


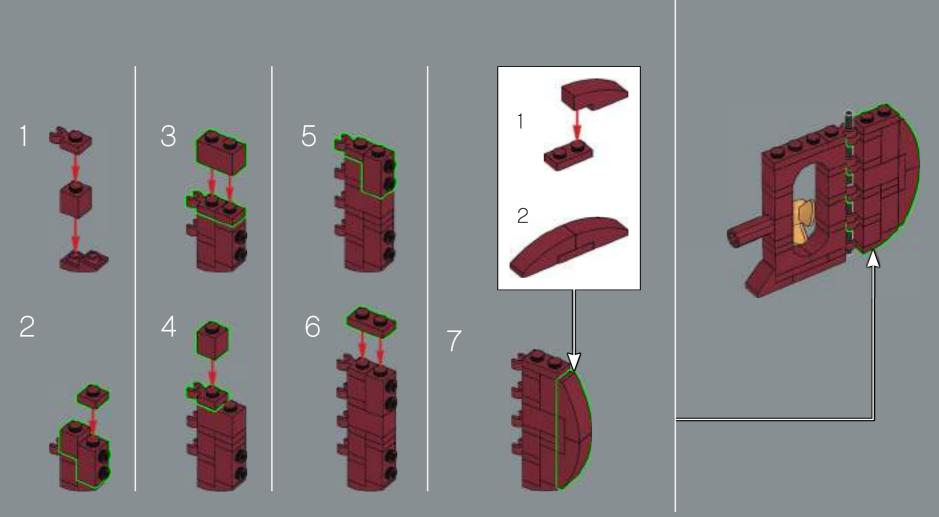




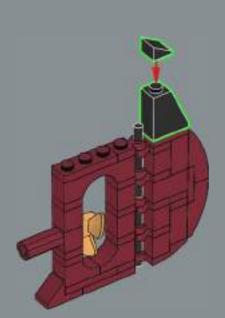




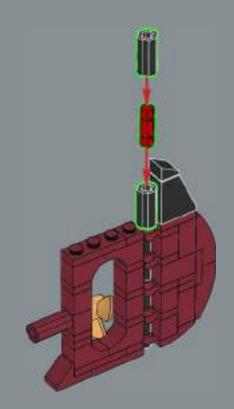




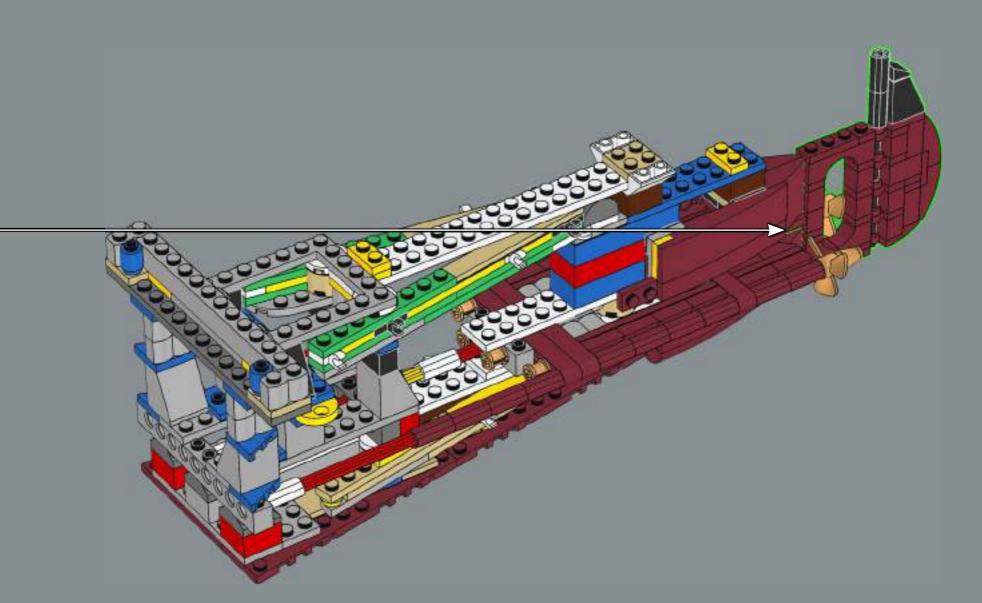


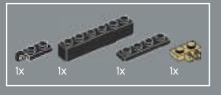


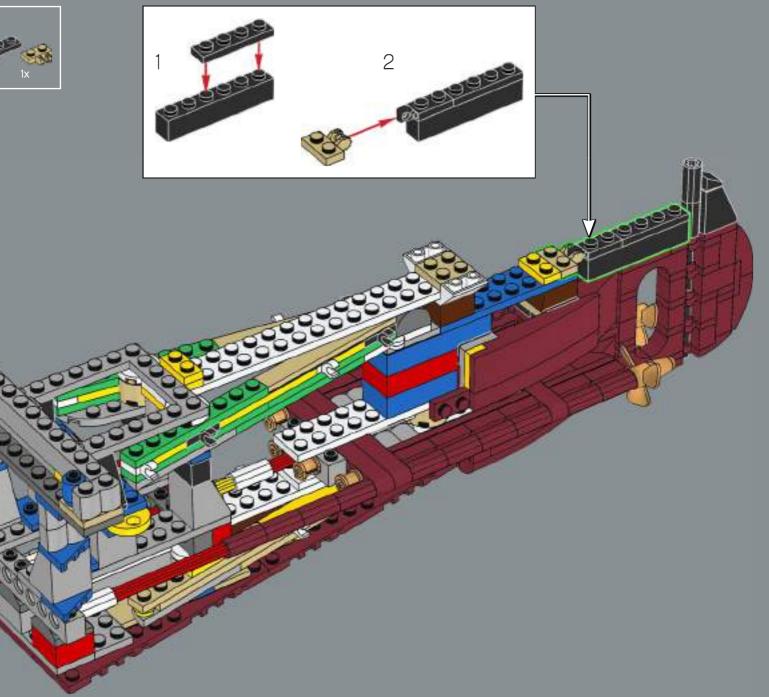




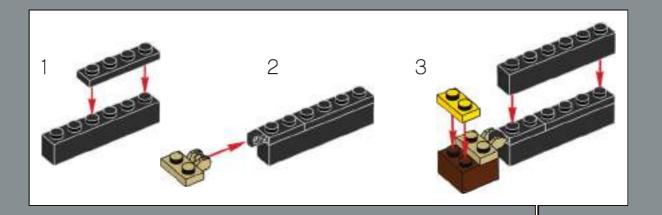
The ship's rudder was so large at 24 meters (78.8 ft.) high, 4.65 meters (15.3 ft.) long, and weighing over 100 tonnes (110.2 US tons), i required steering engines to move it

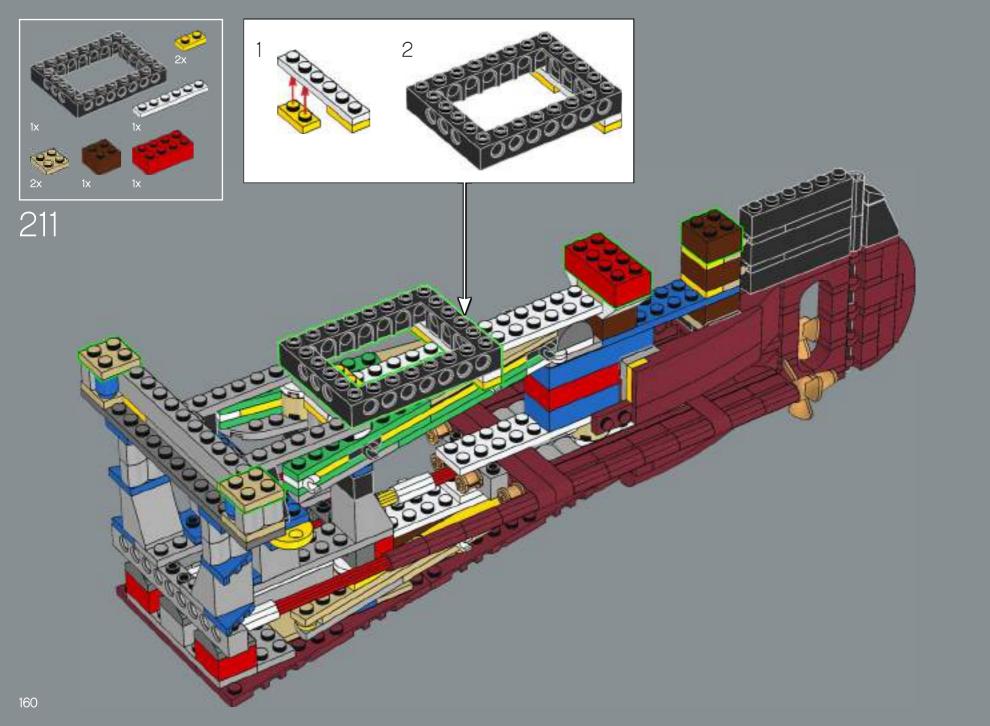


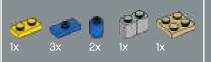




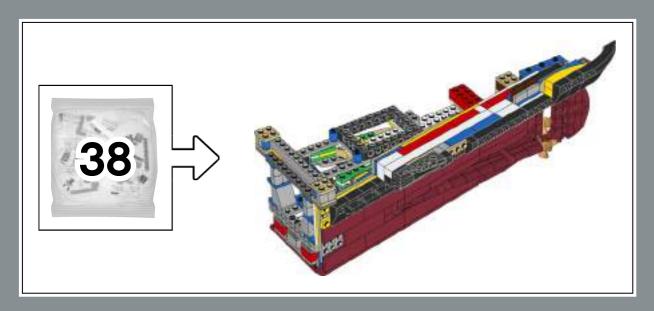




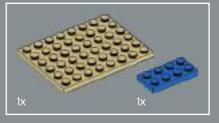


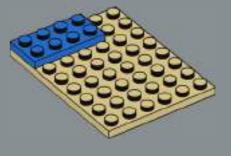


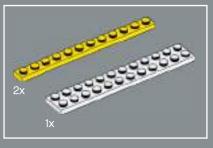


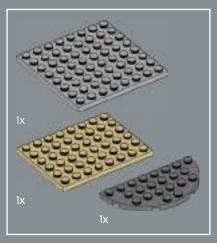


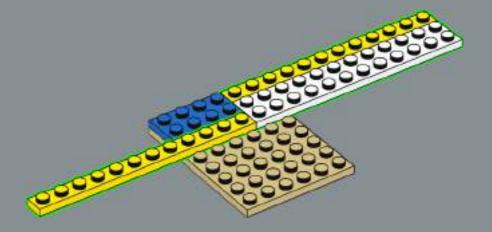


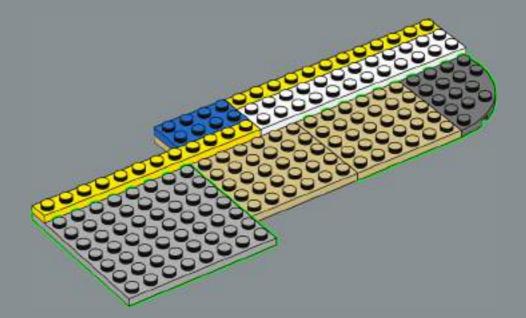


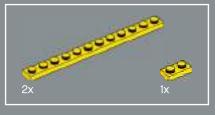




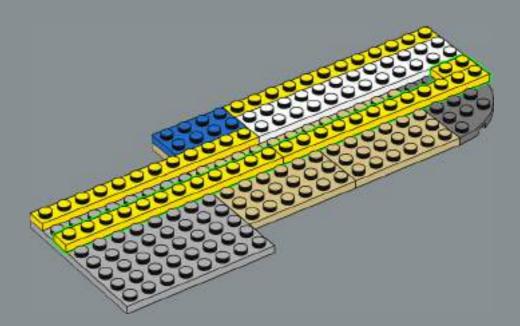


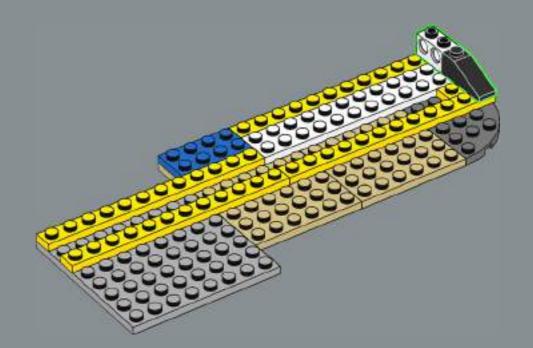




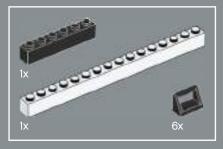


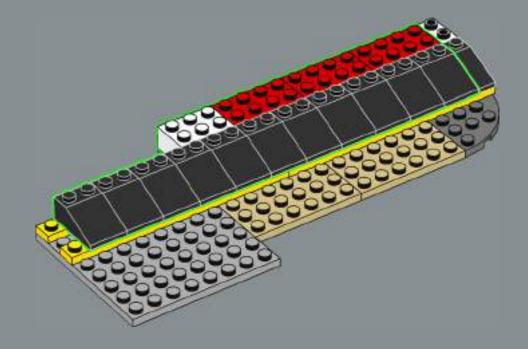


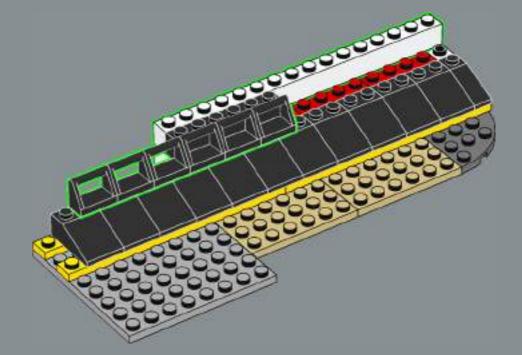


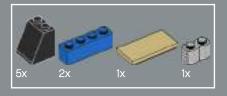


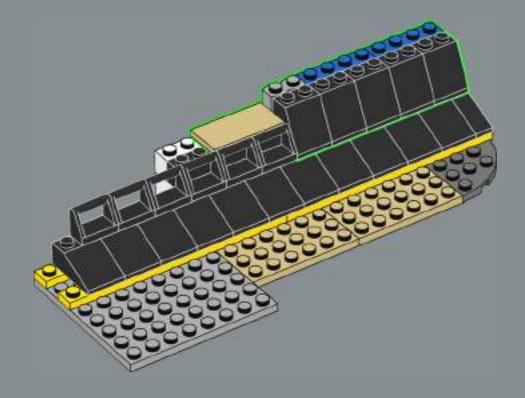


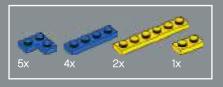




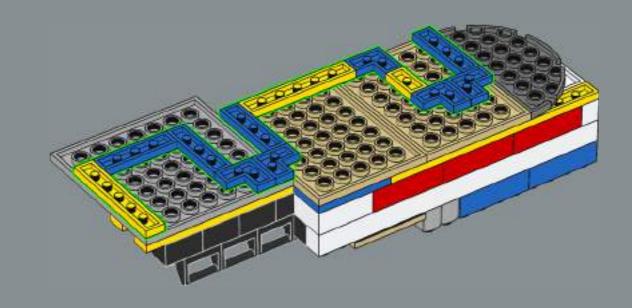


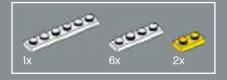


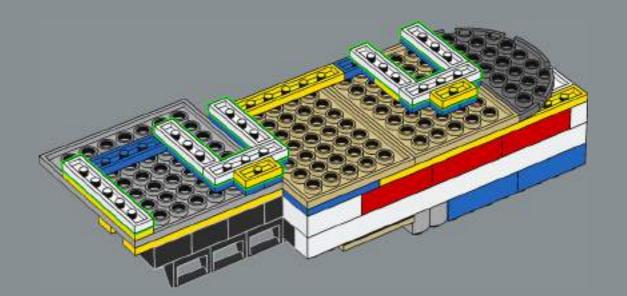


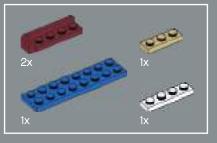


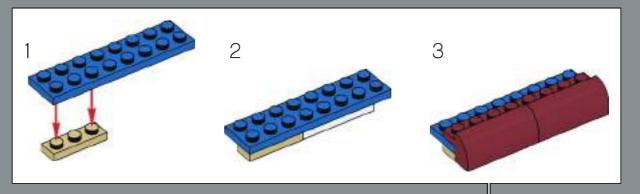


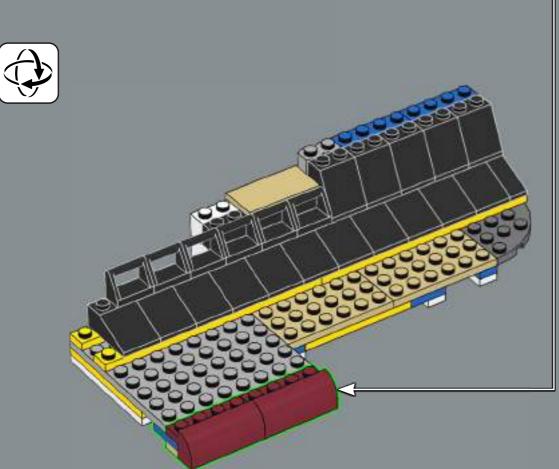


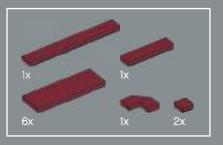


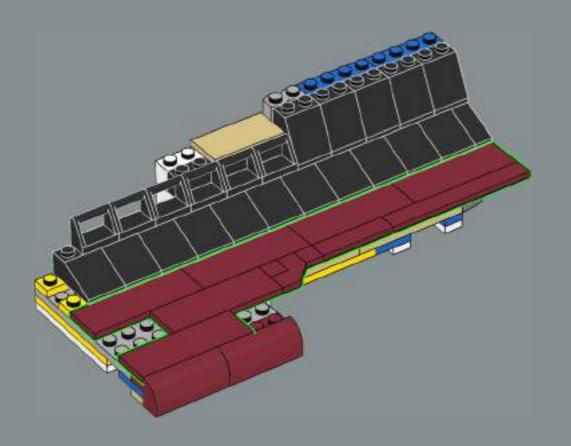


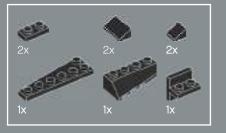


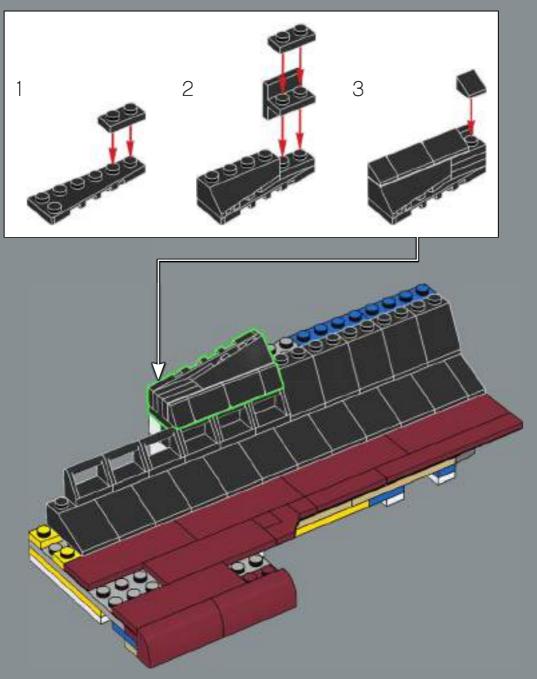








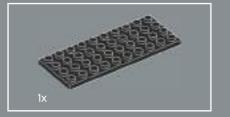


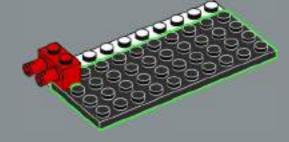


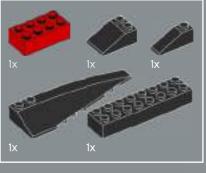


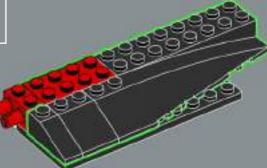


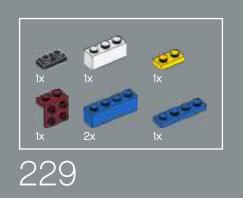


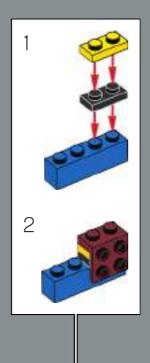


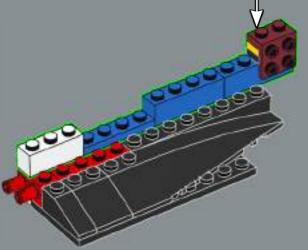


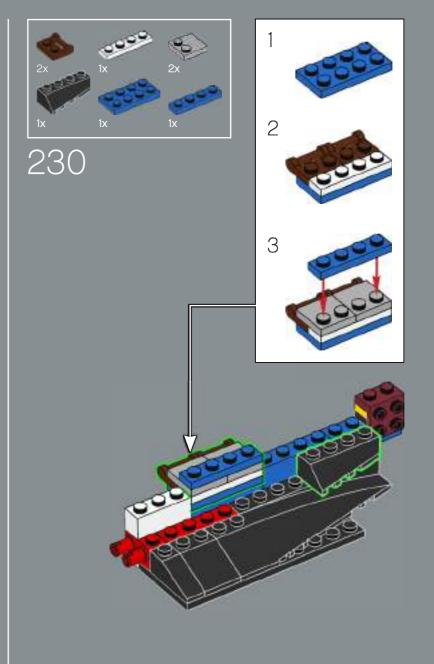


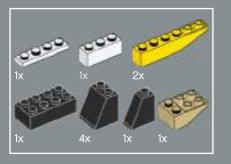


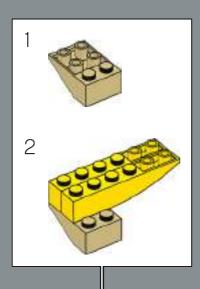


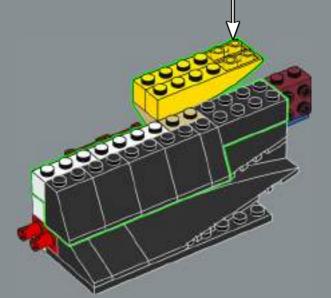




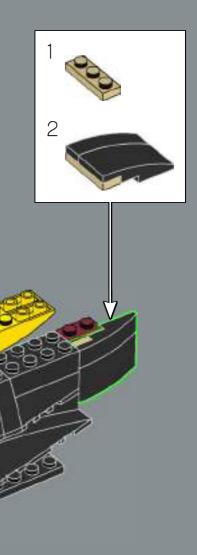


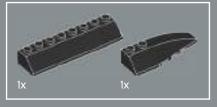


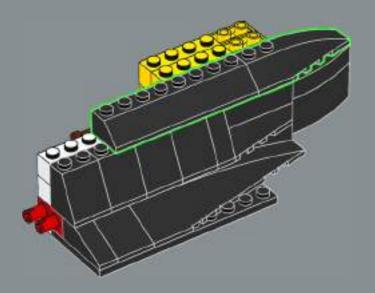




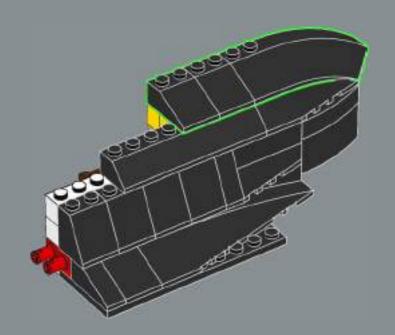


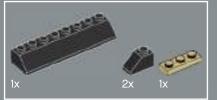




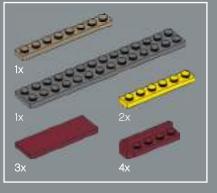


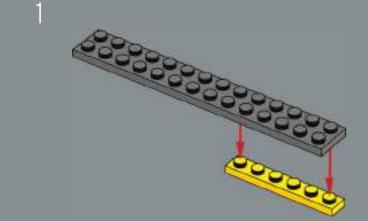


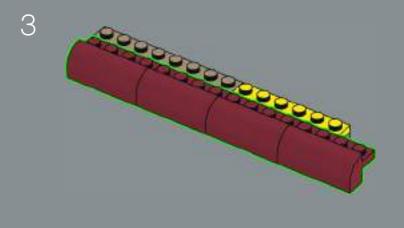


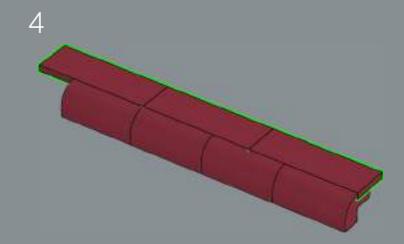


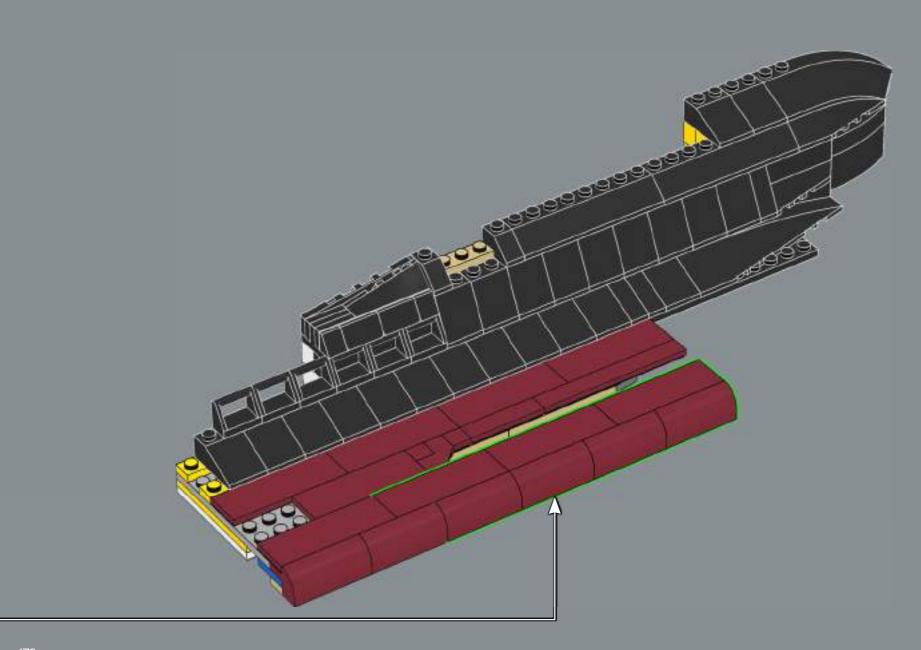




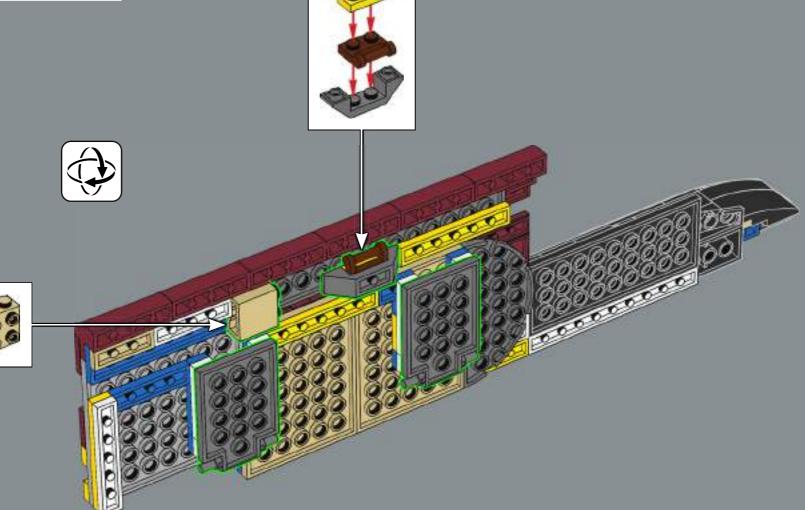


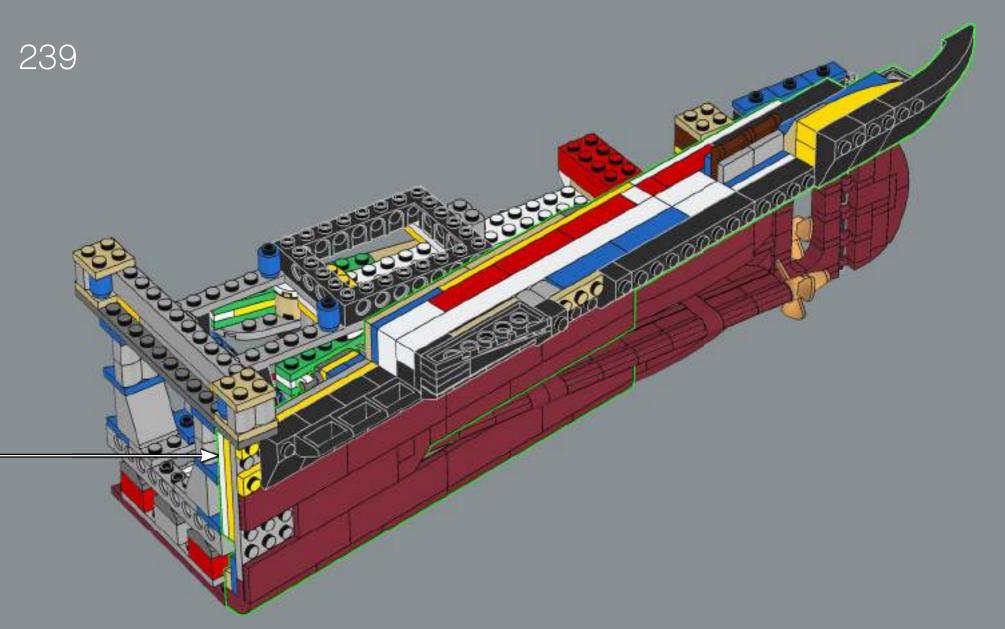


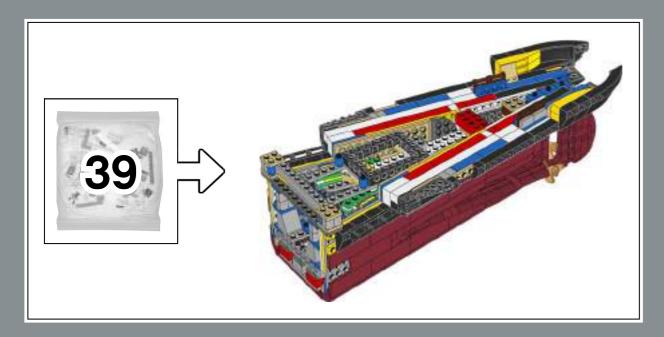


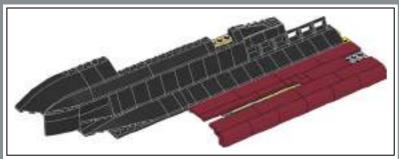


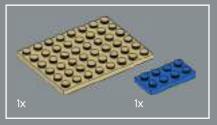


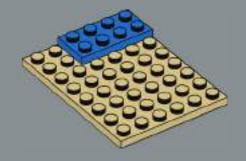


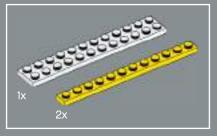


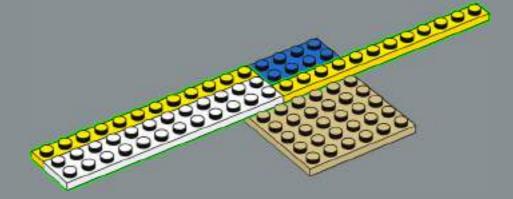


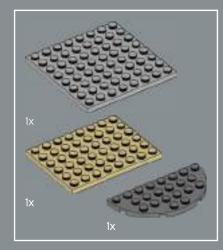


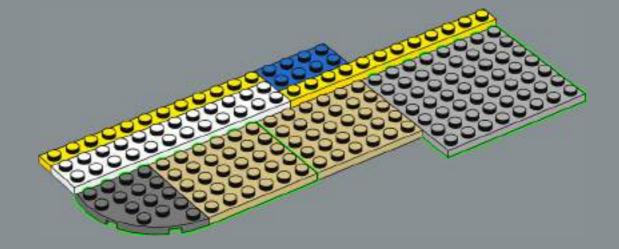


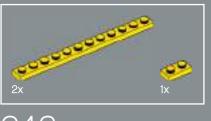


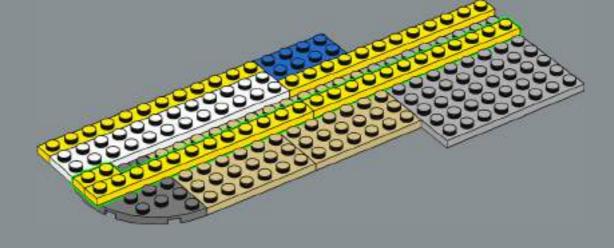




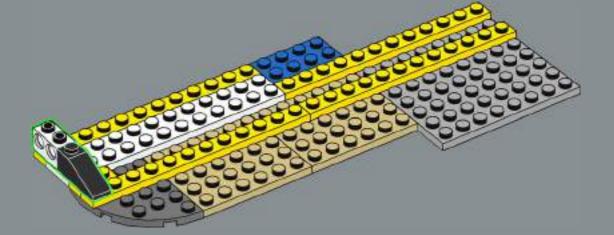




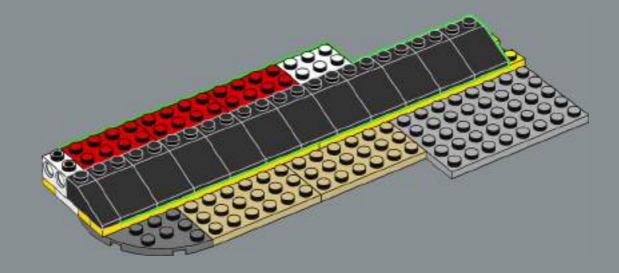


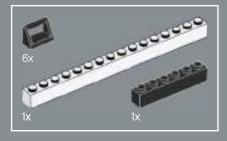


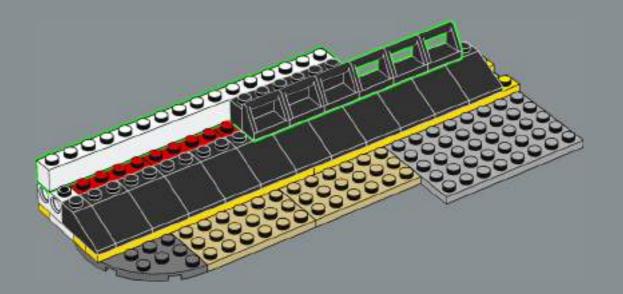


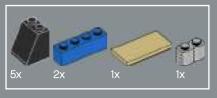


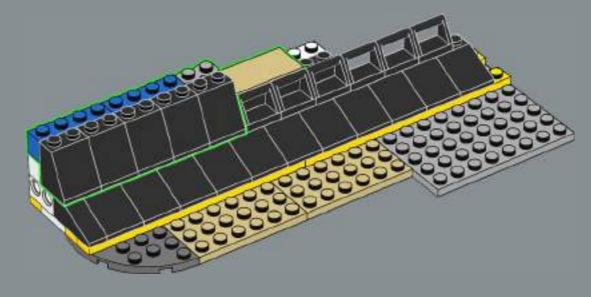


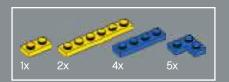




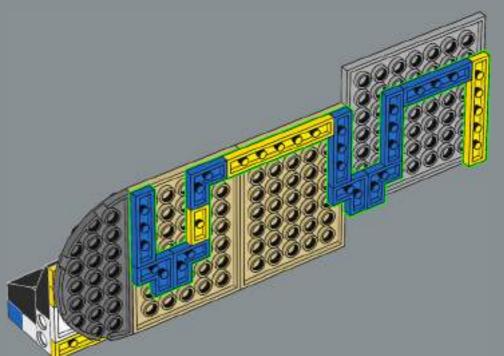


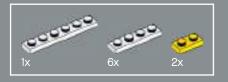


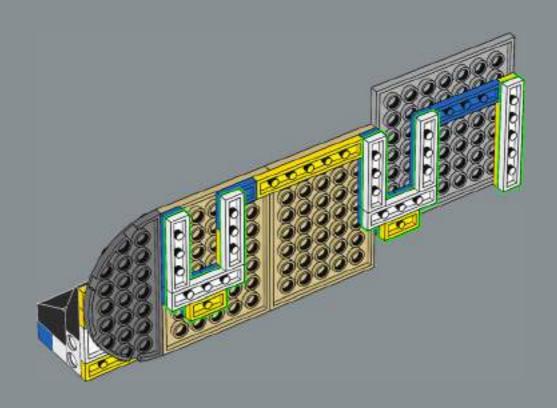


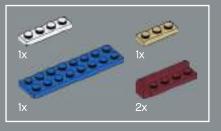


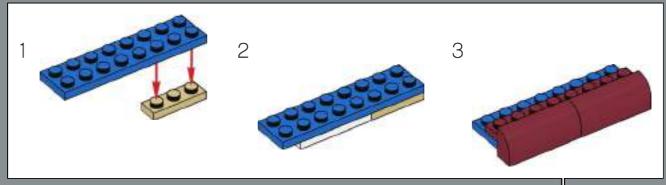




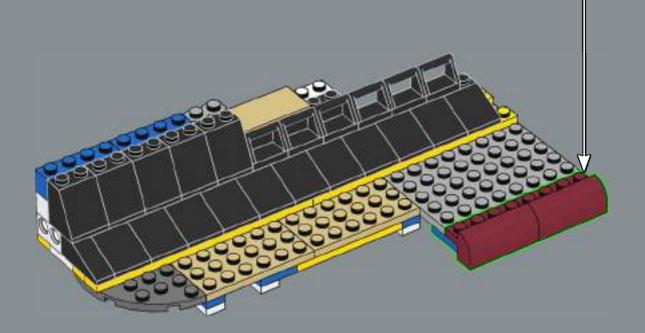


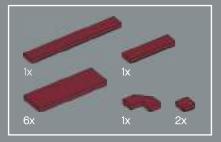


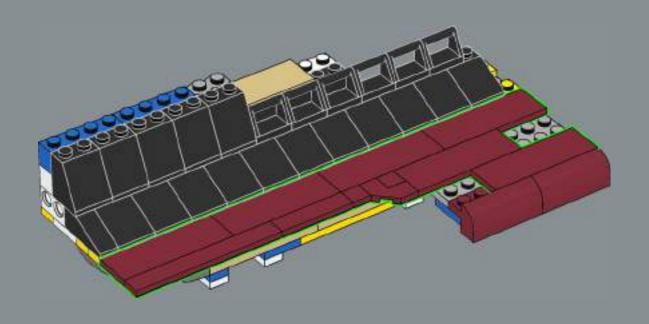


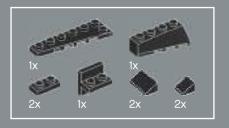


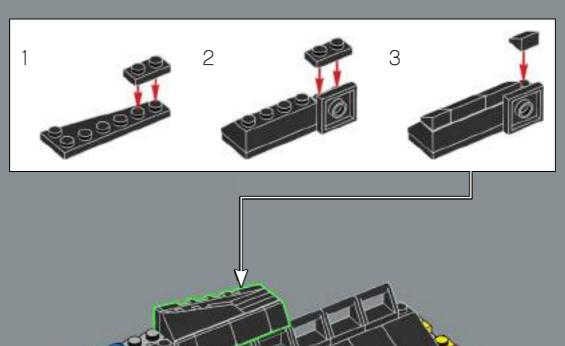




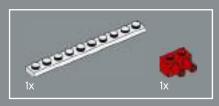


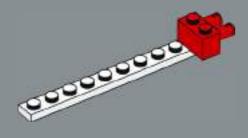




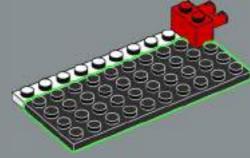


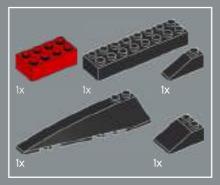


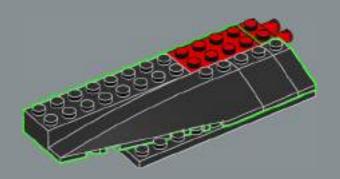


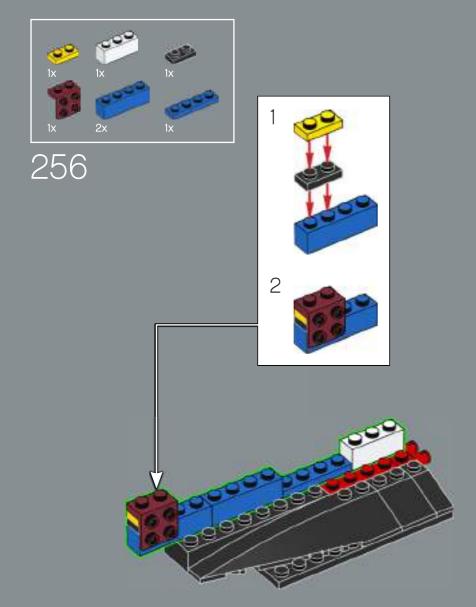


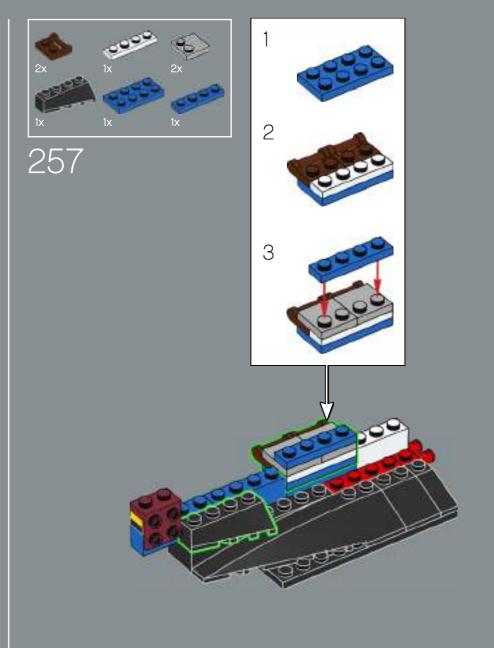


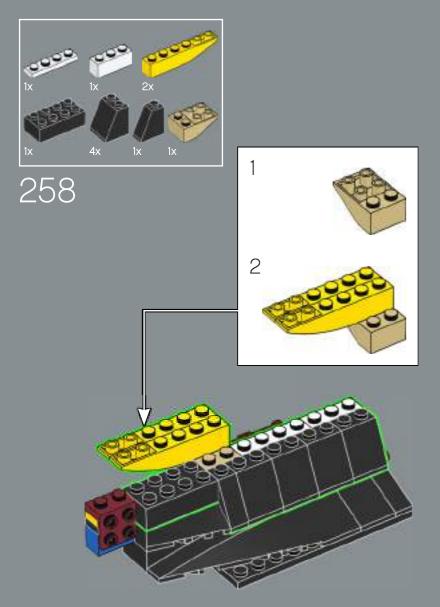




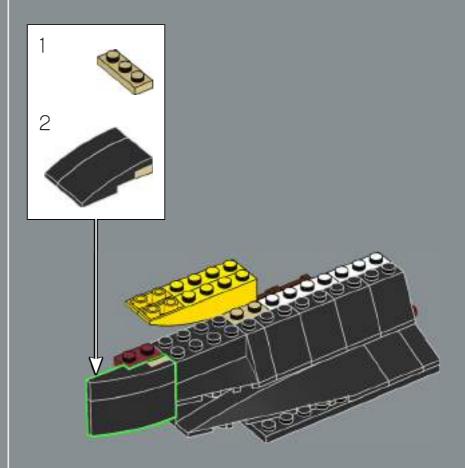


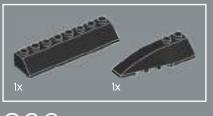




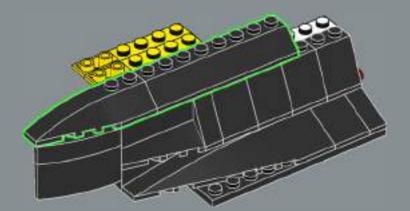


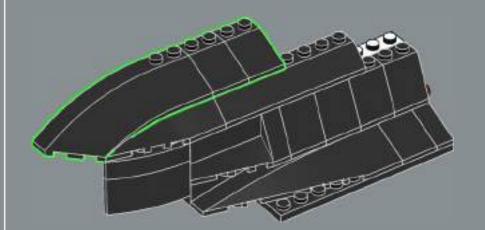


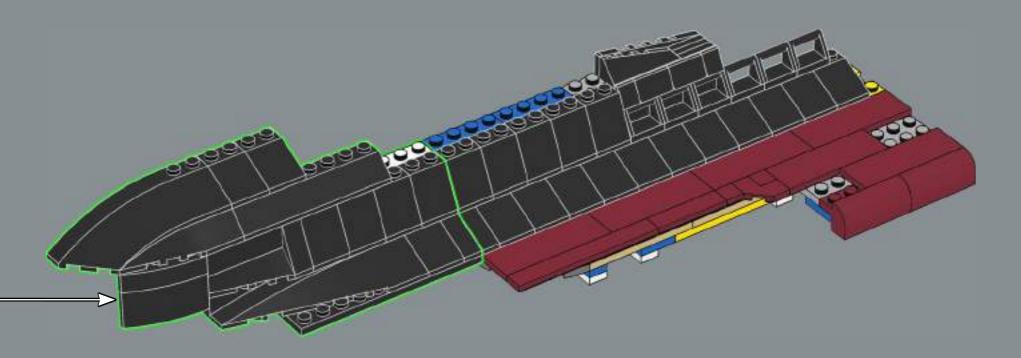


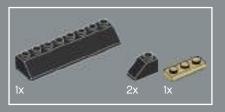


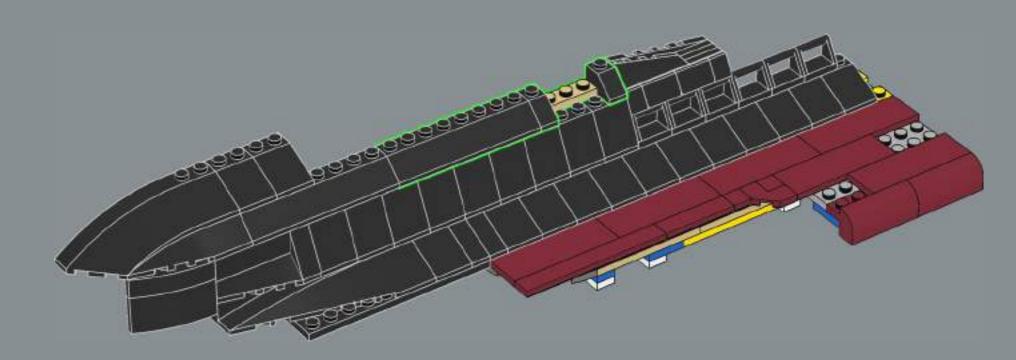


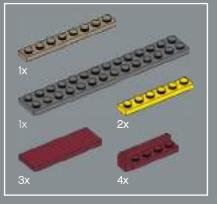


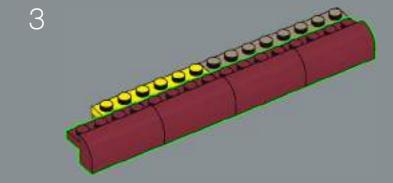


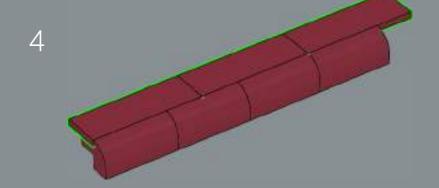


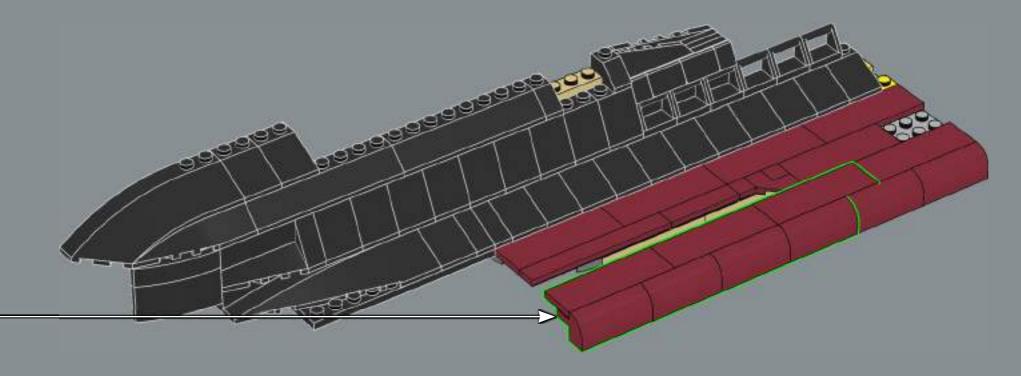


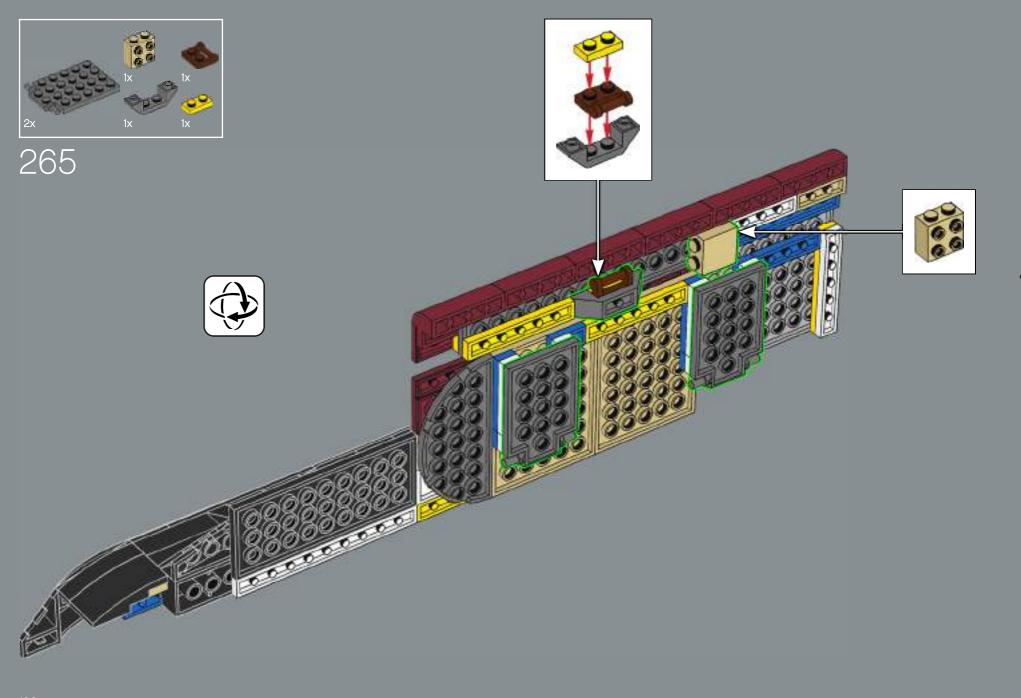


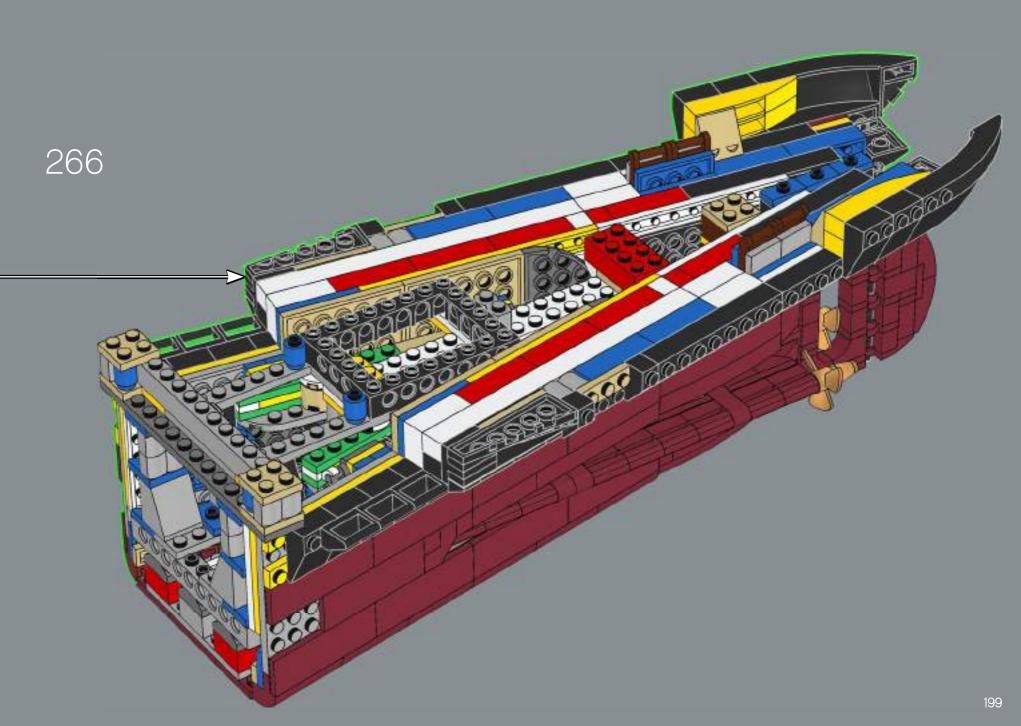


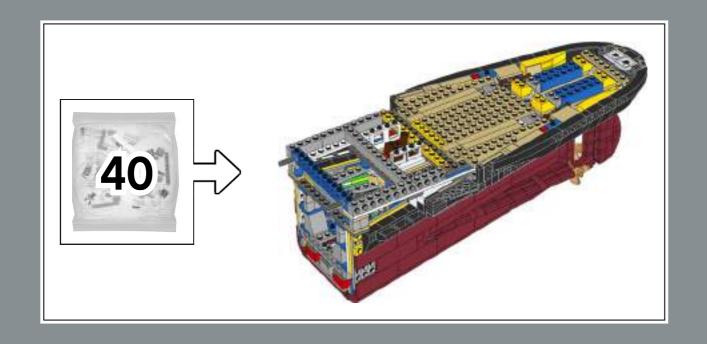


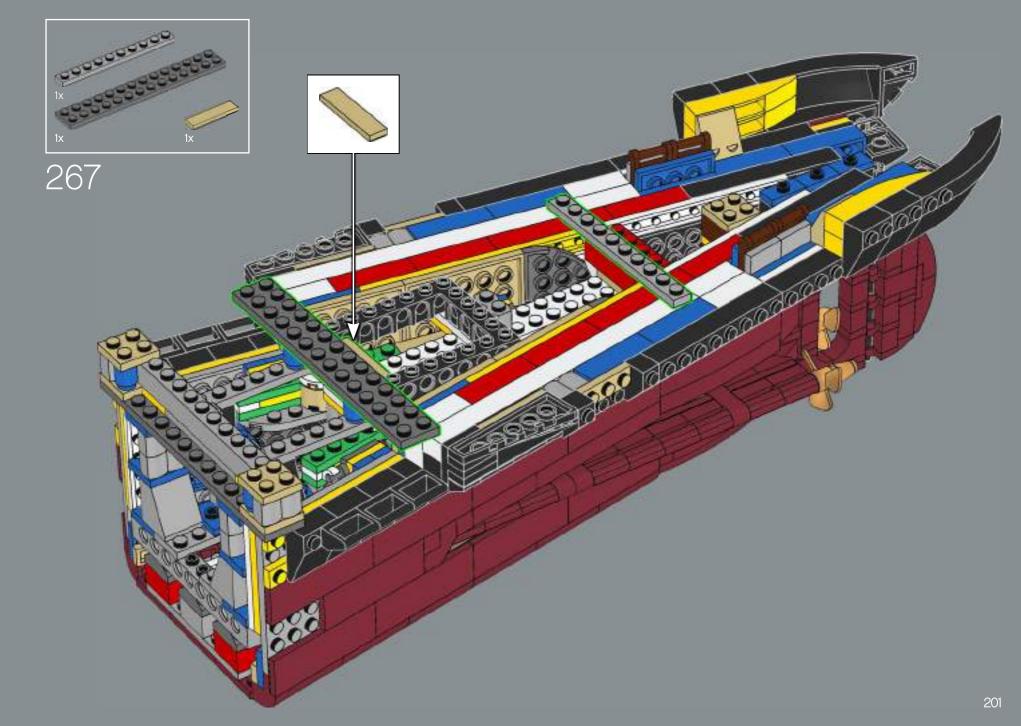


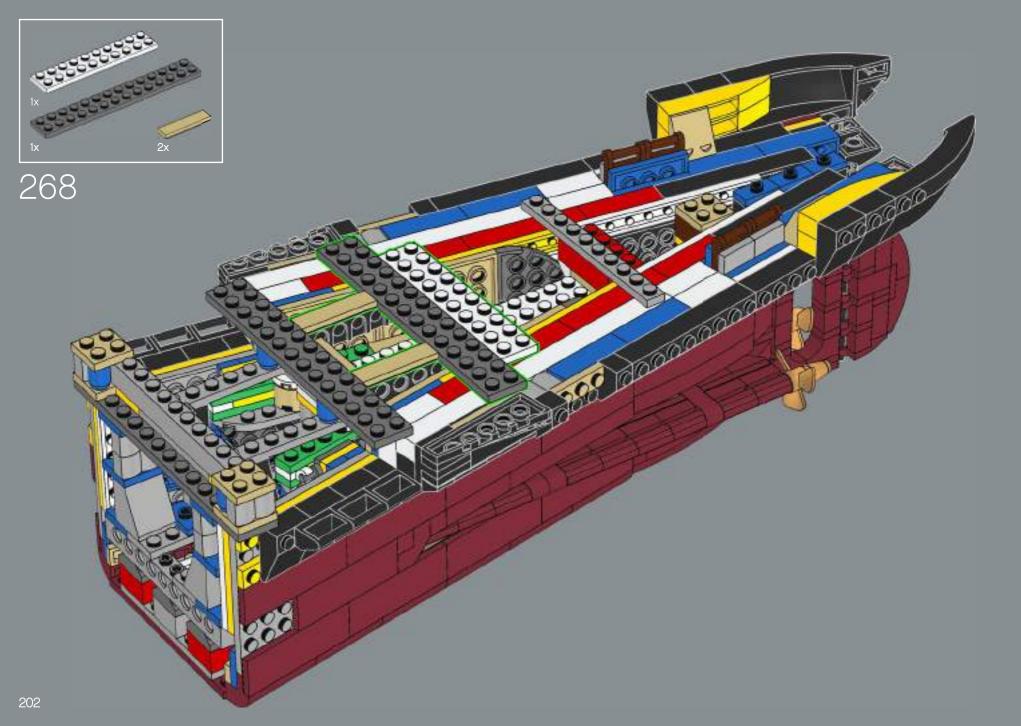


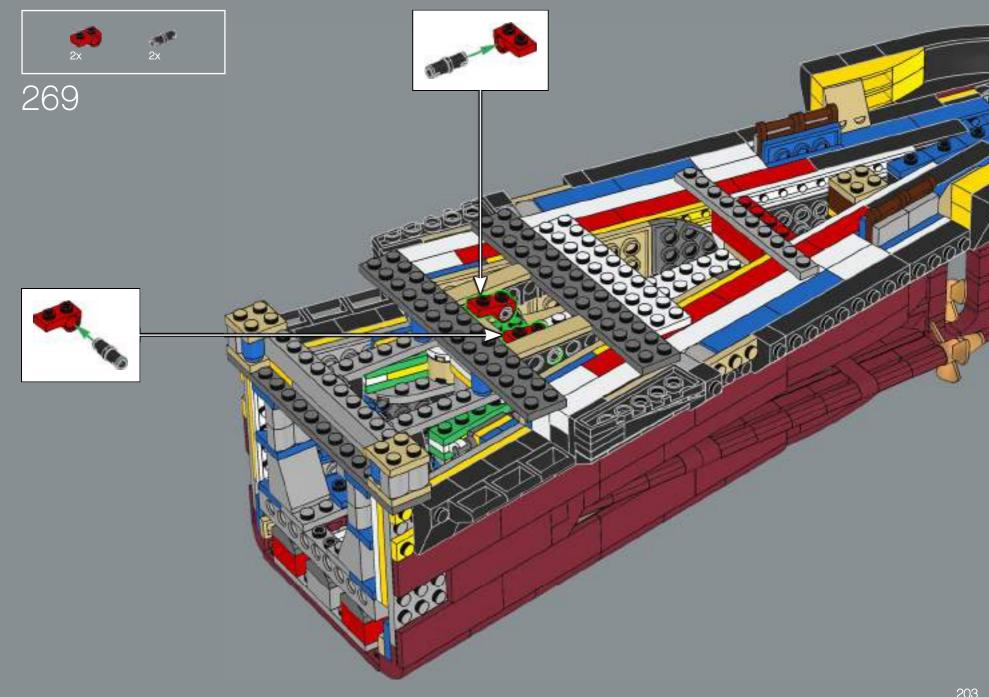


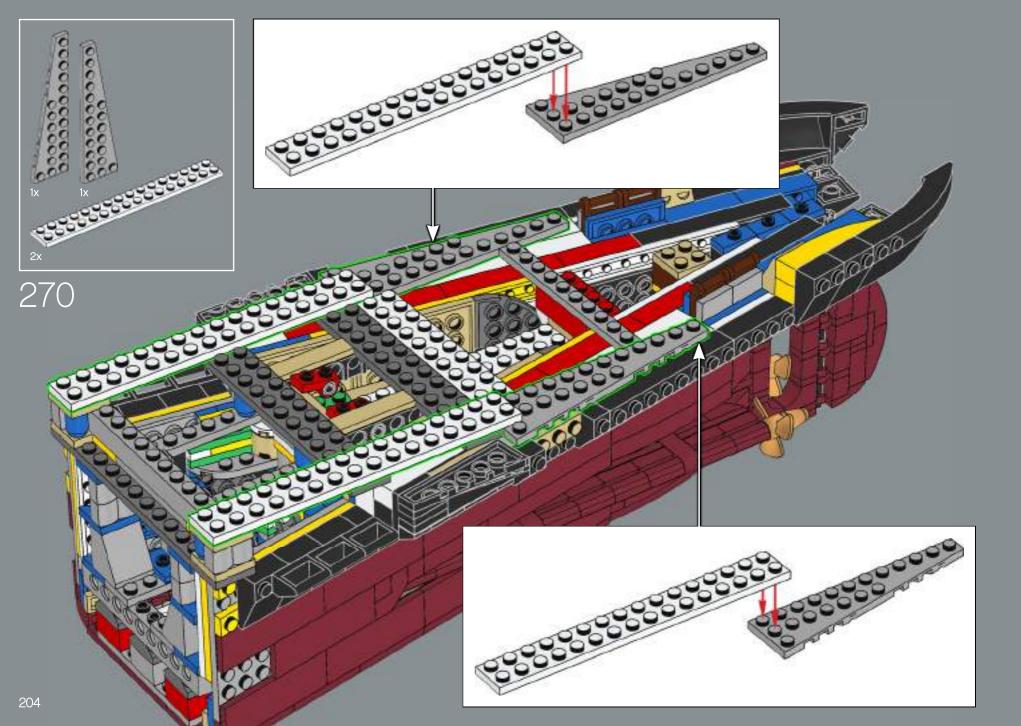


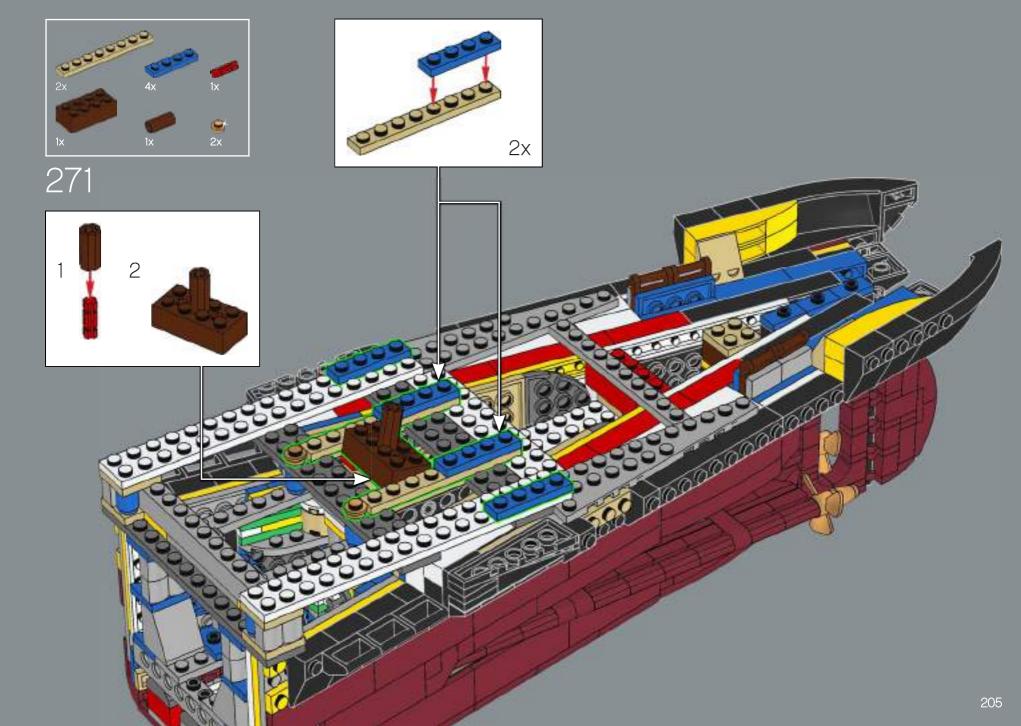


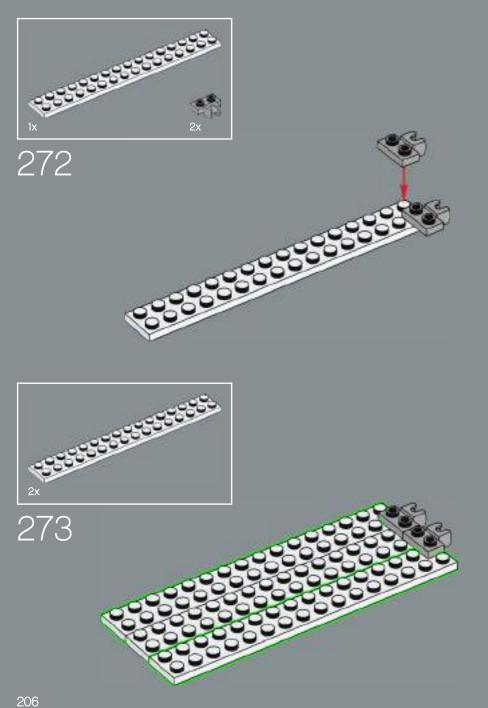


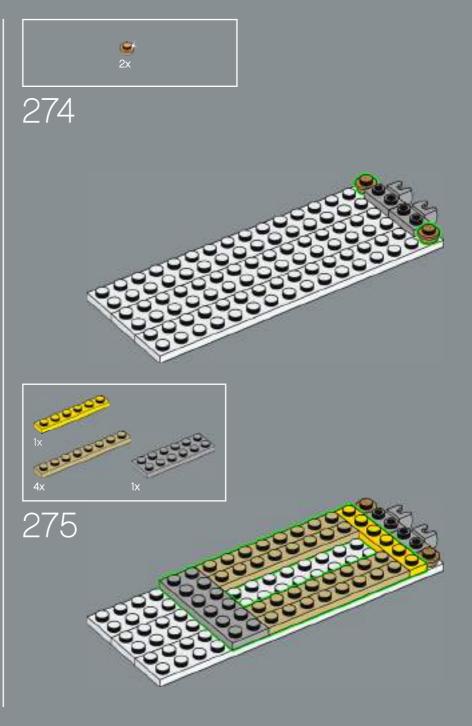




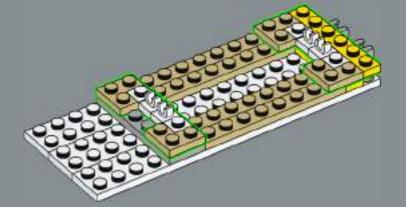


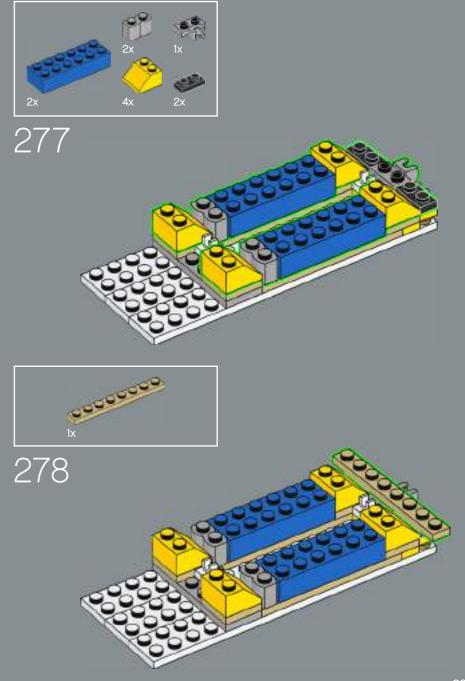










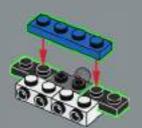






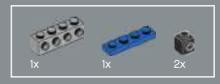


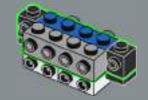


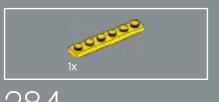








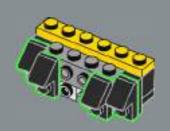










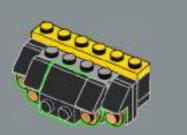


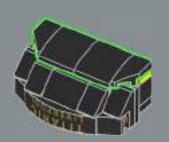
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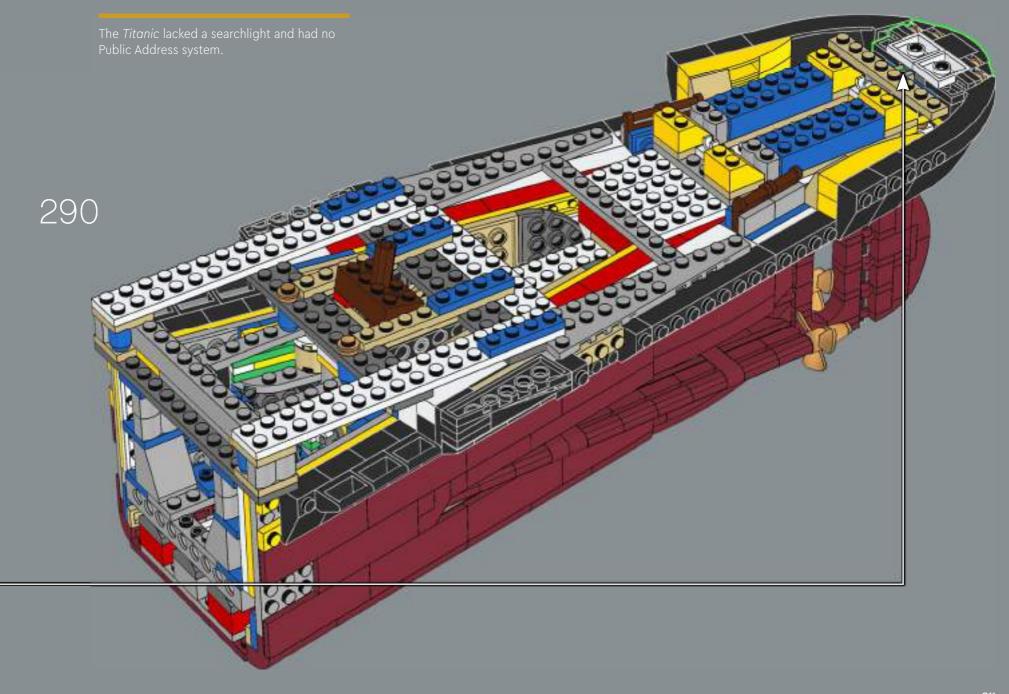


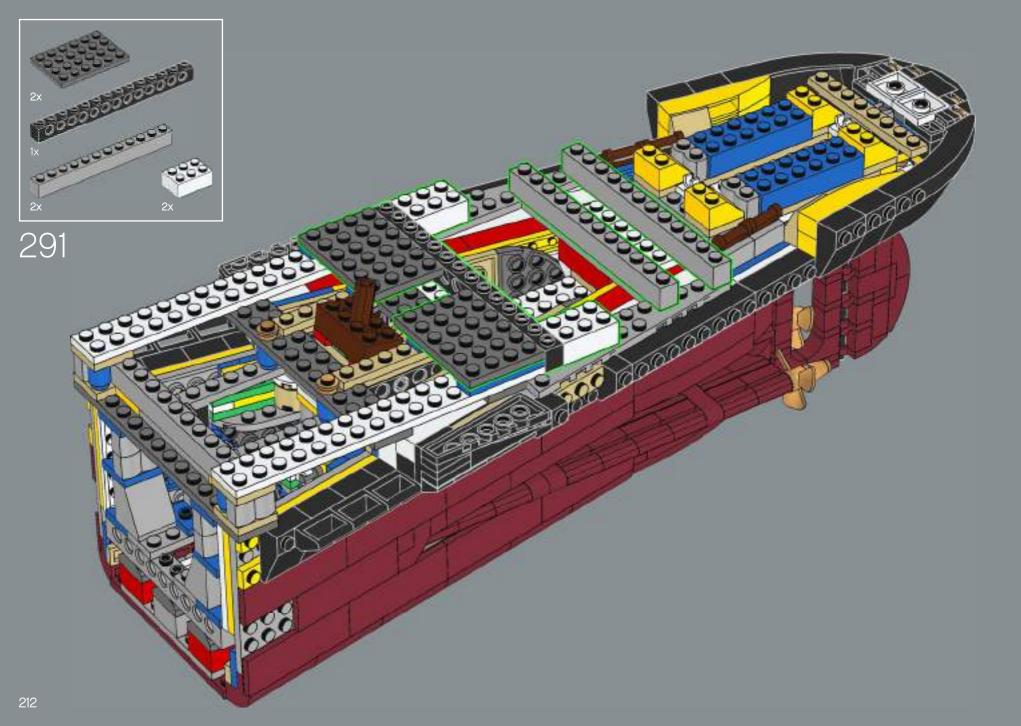


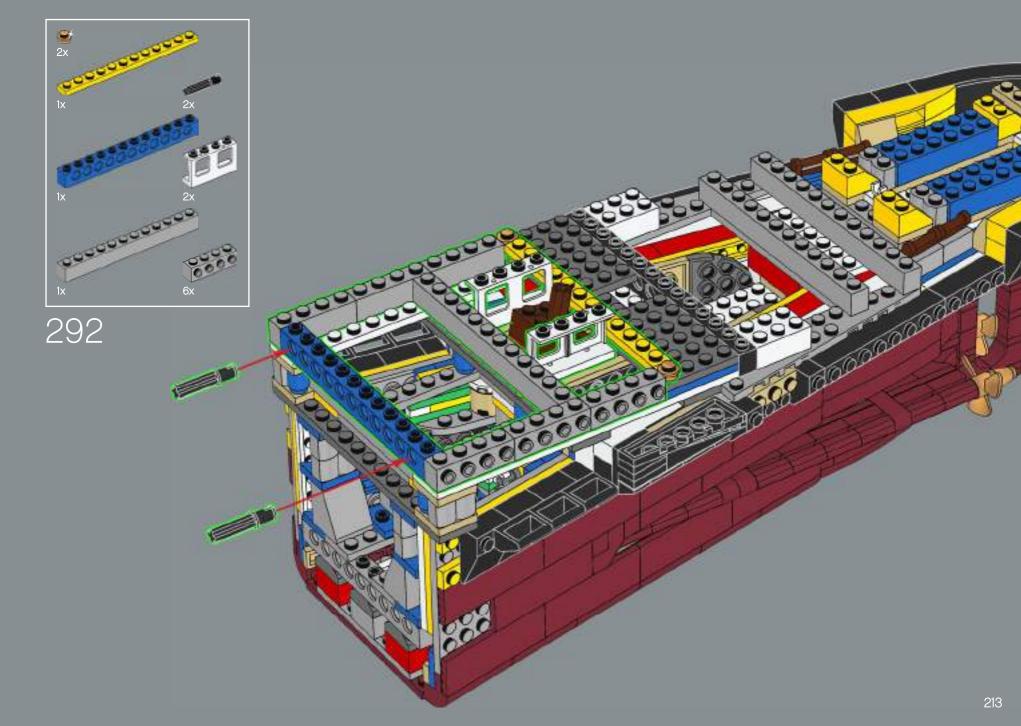


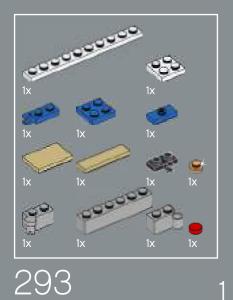


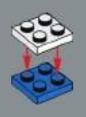


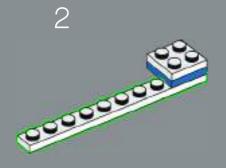


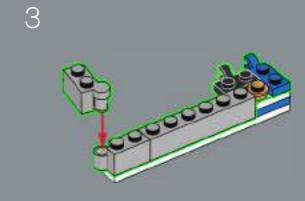


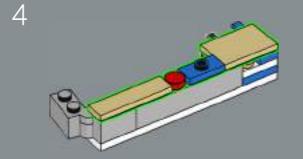


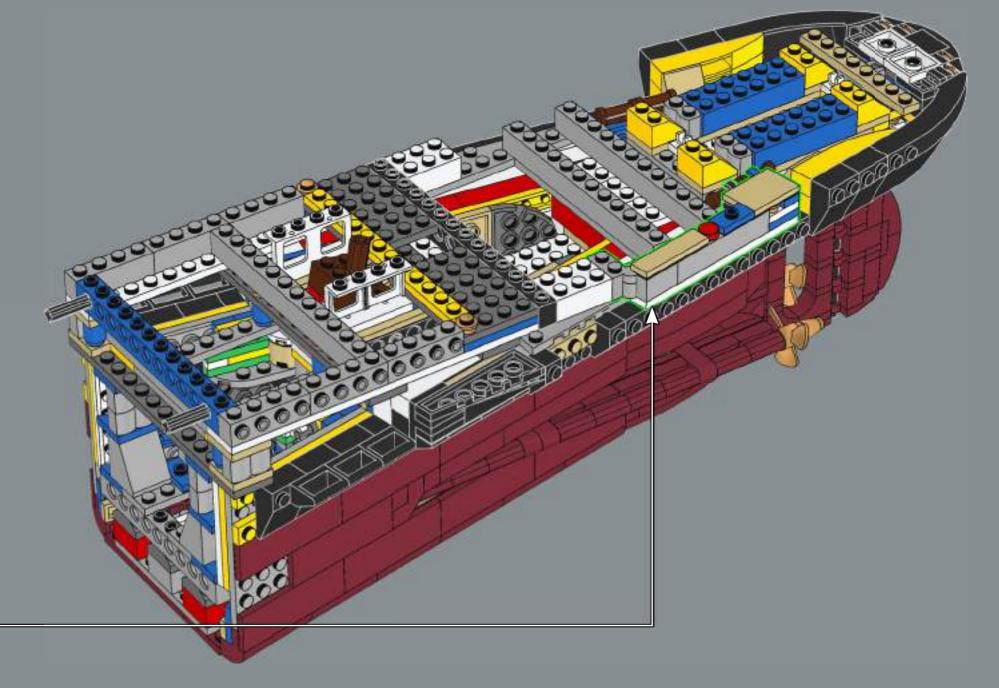


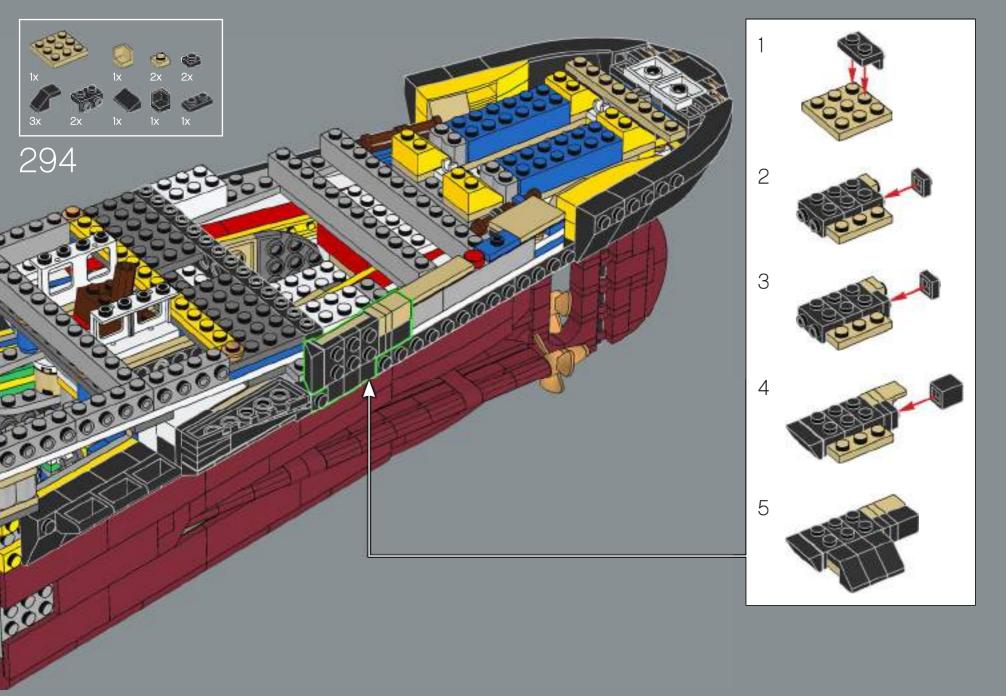


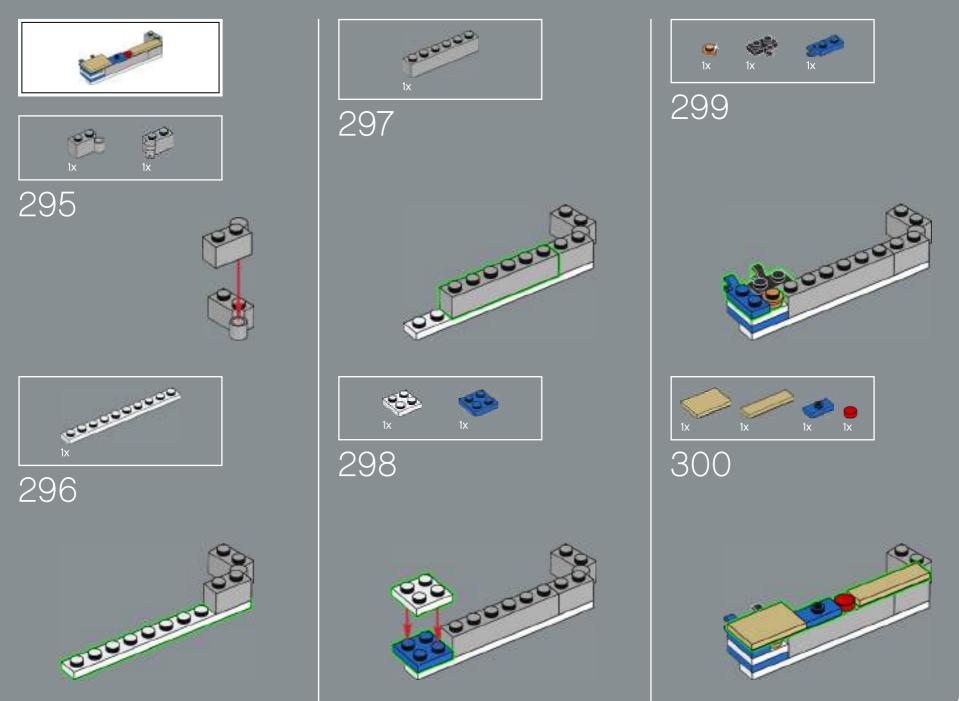


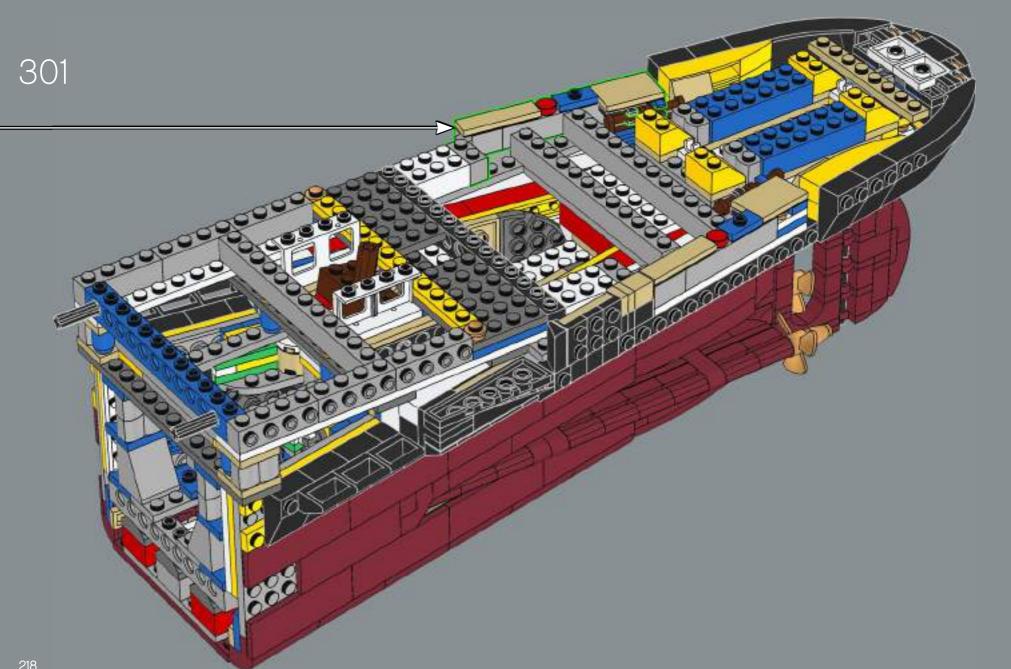




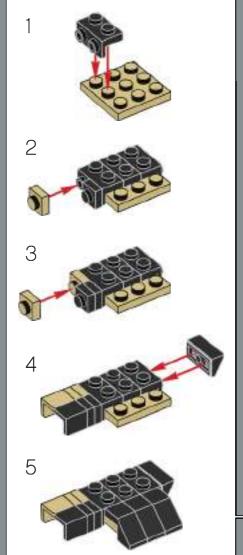


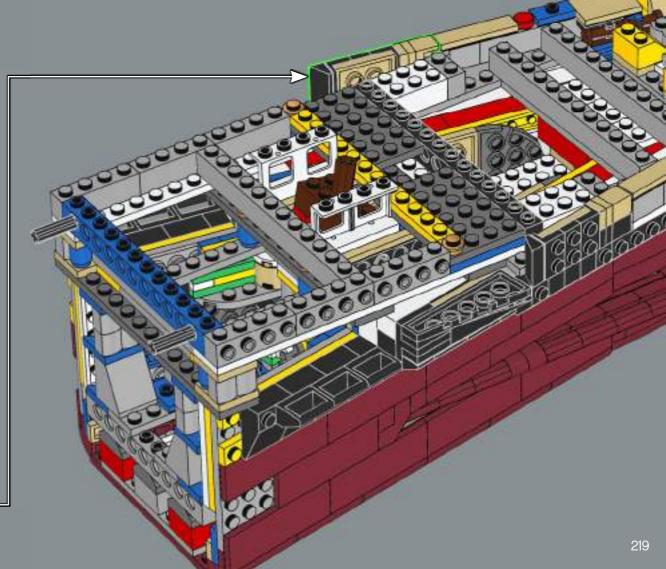


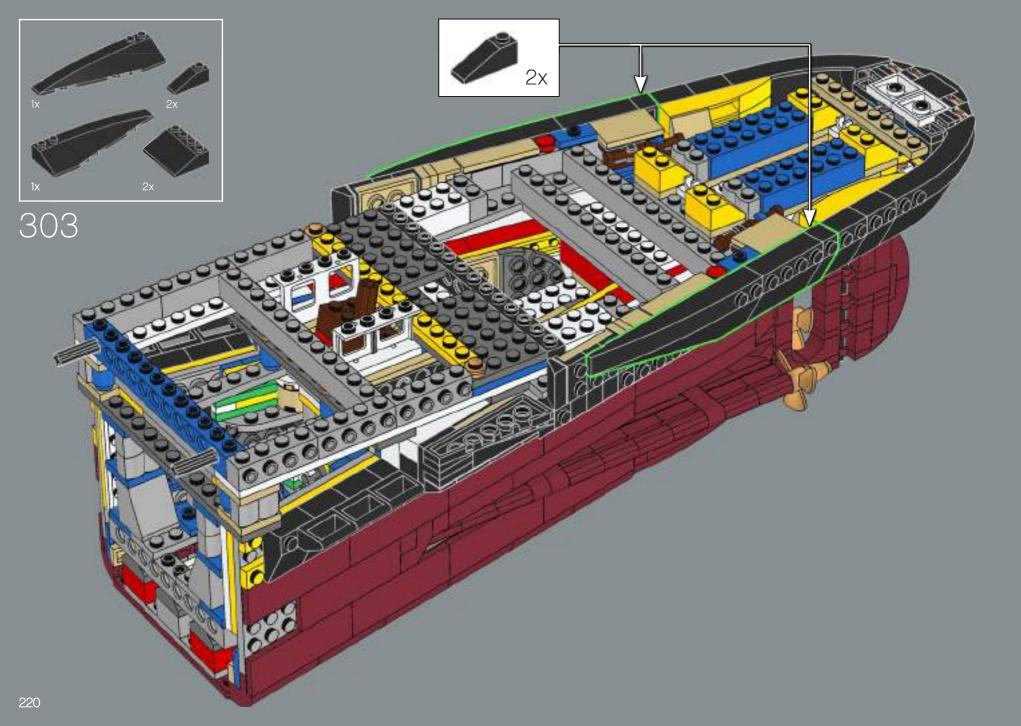


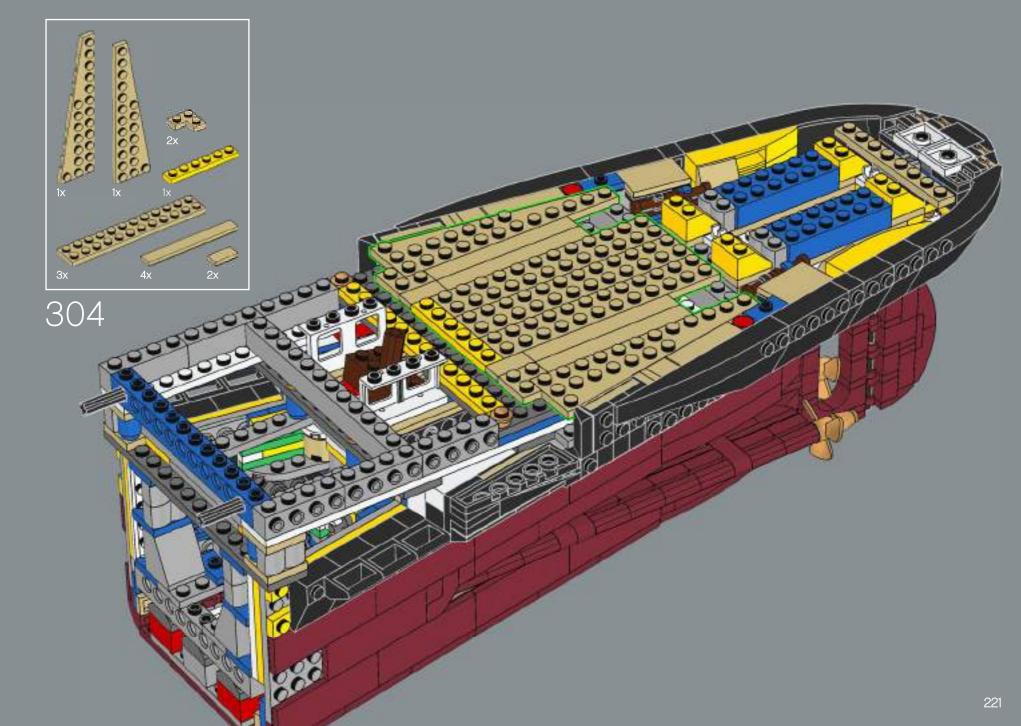












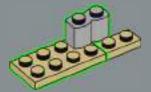




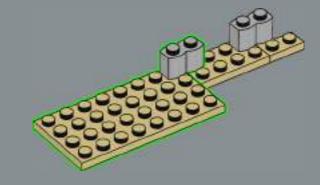


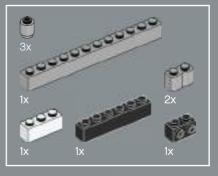


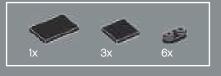


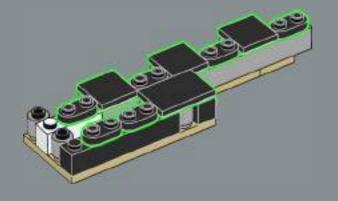




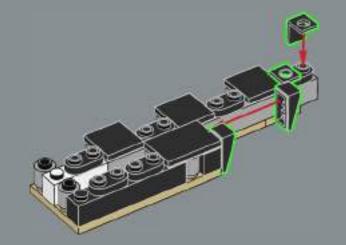


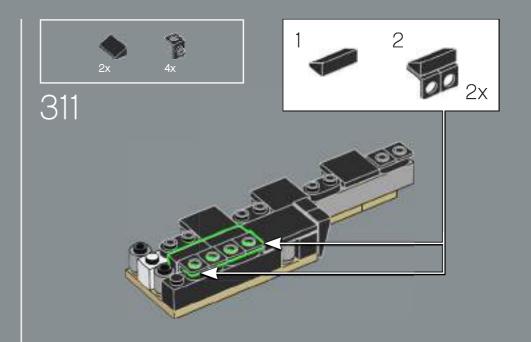


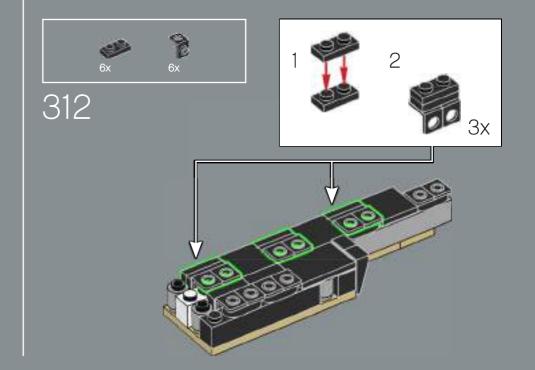


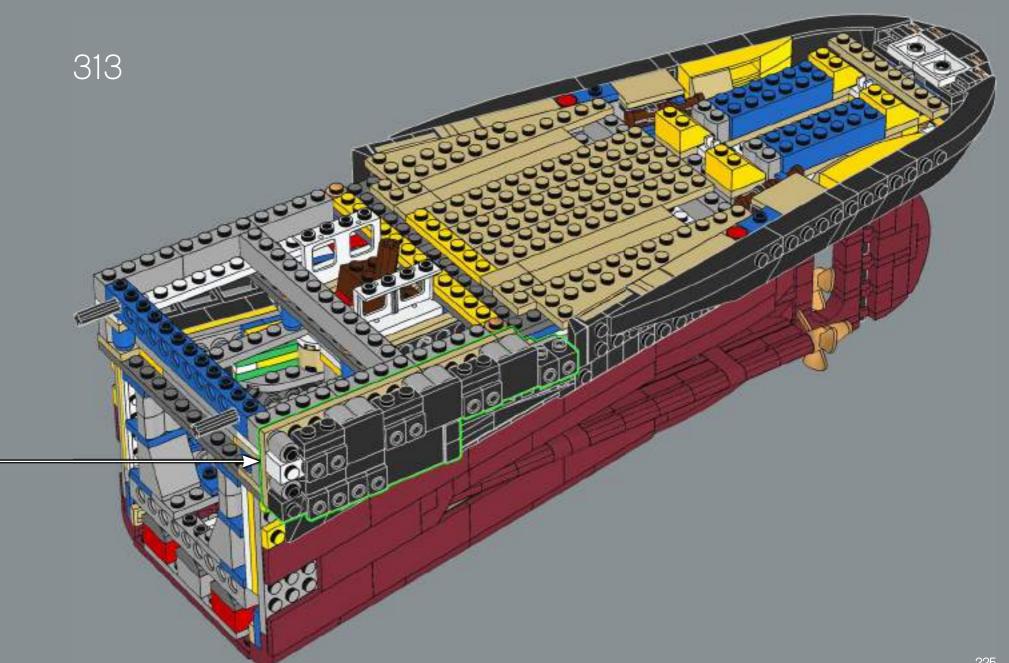










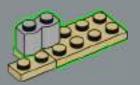


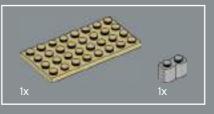


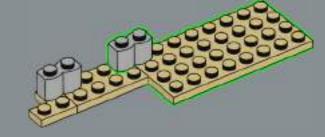


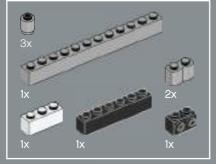




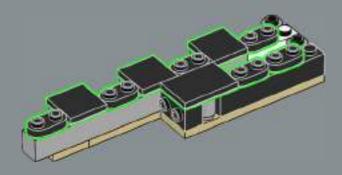




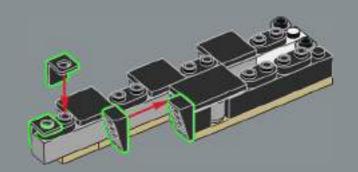


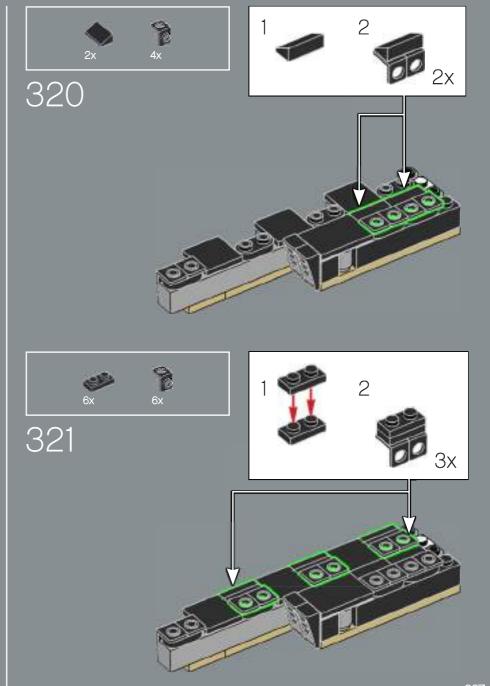


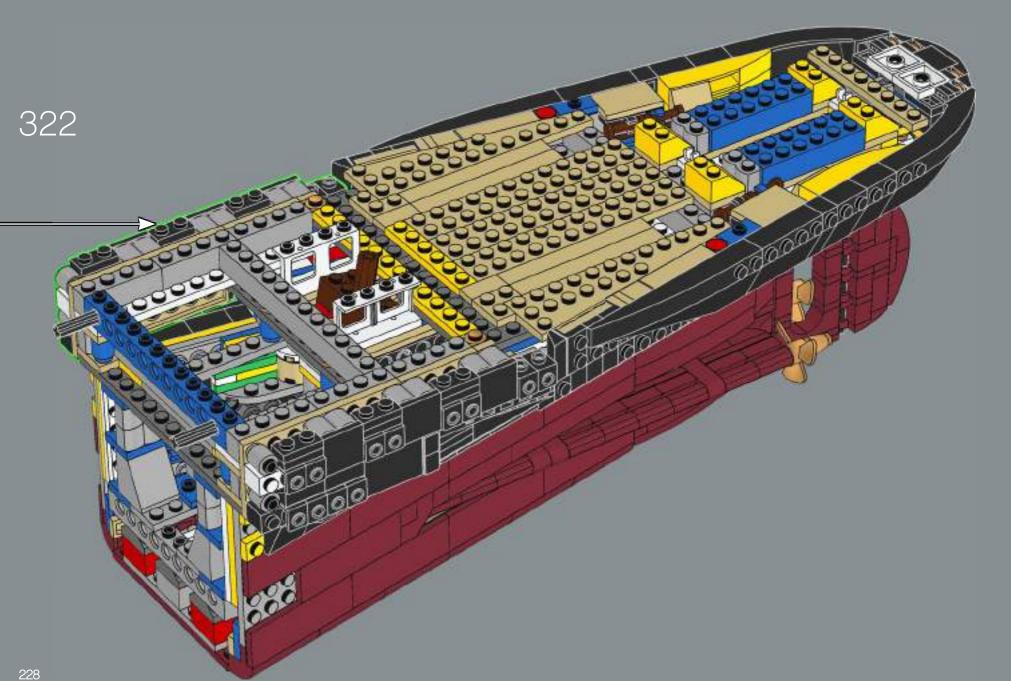


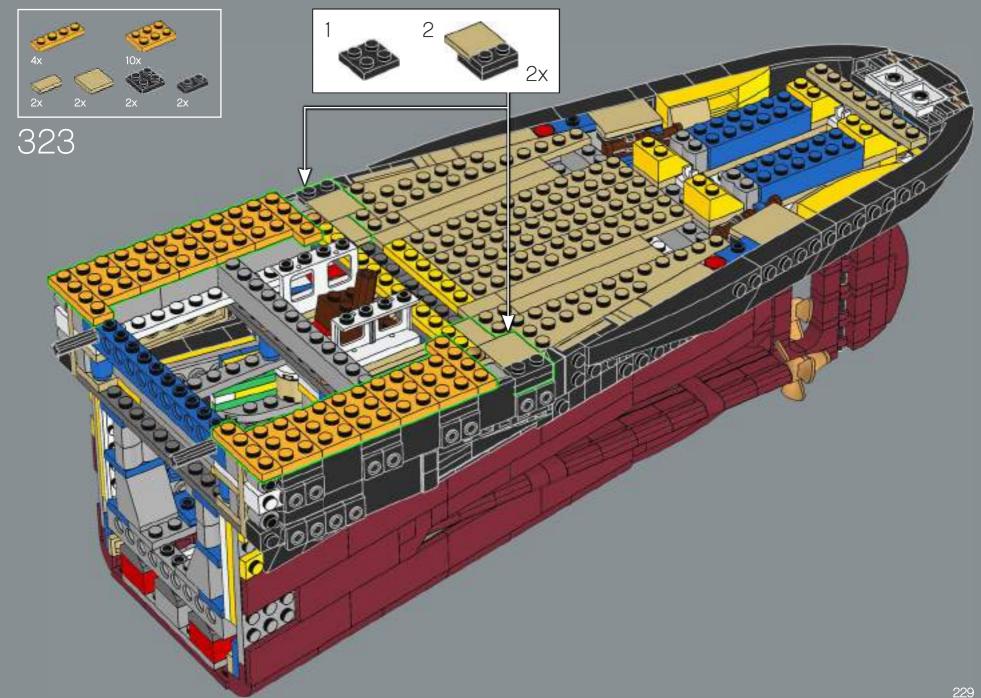


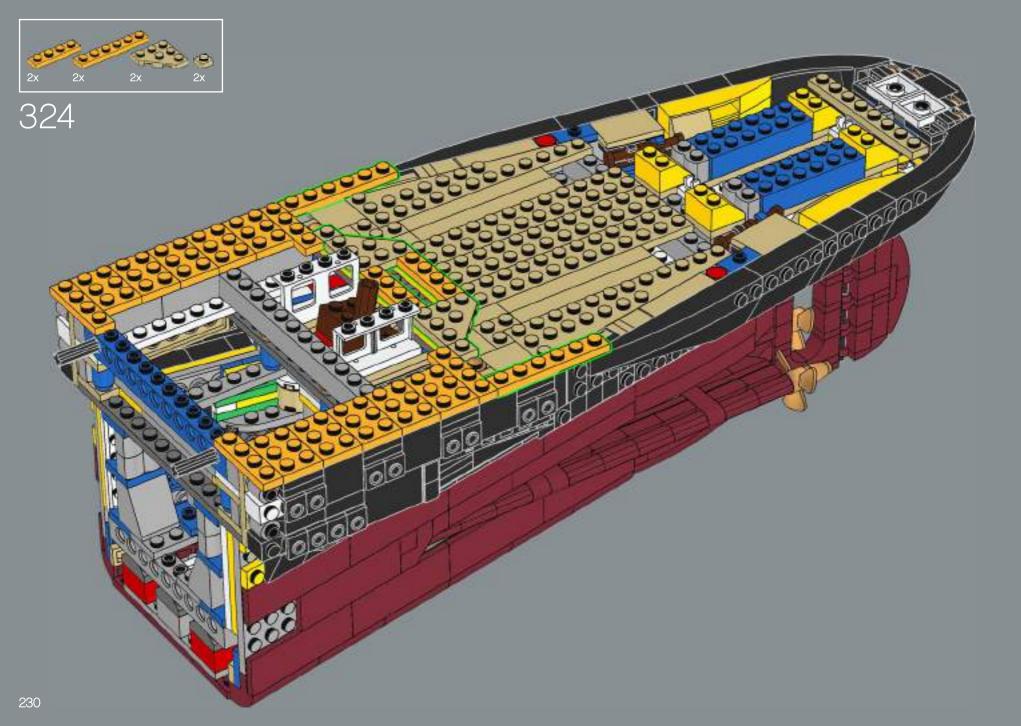


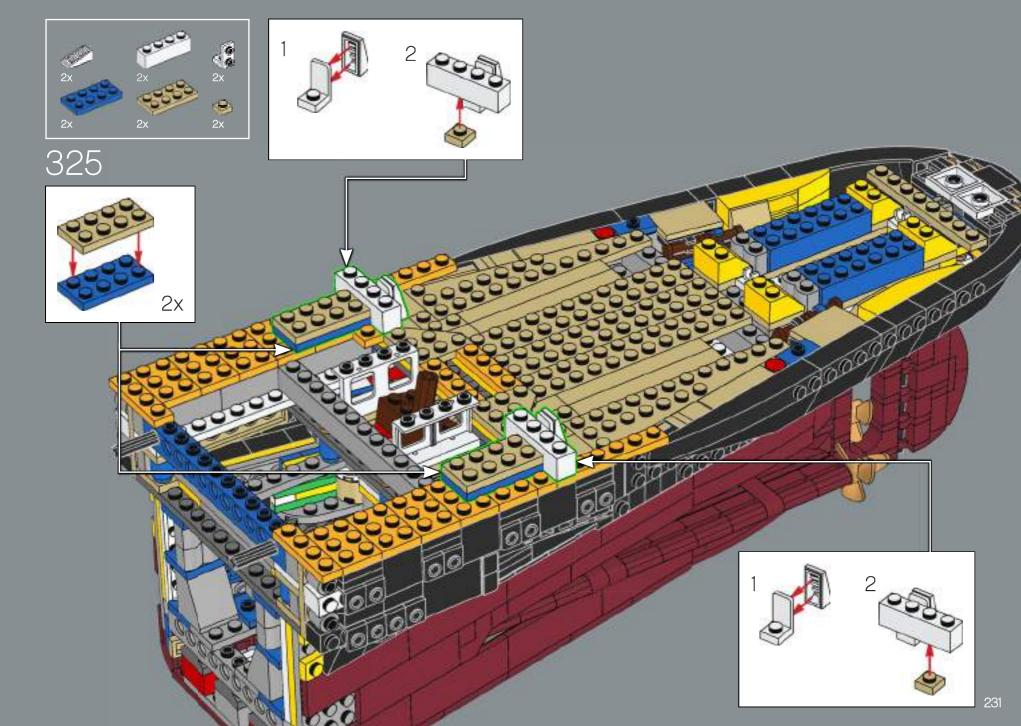


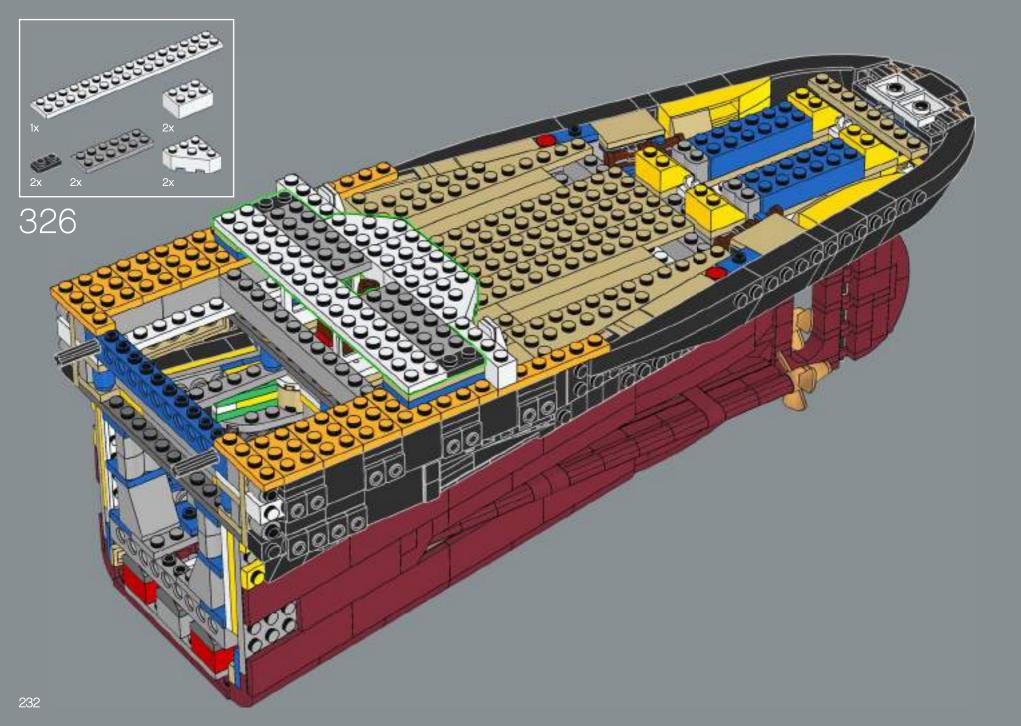


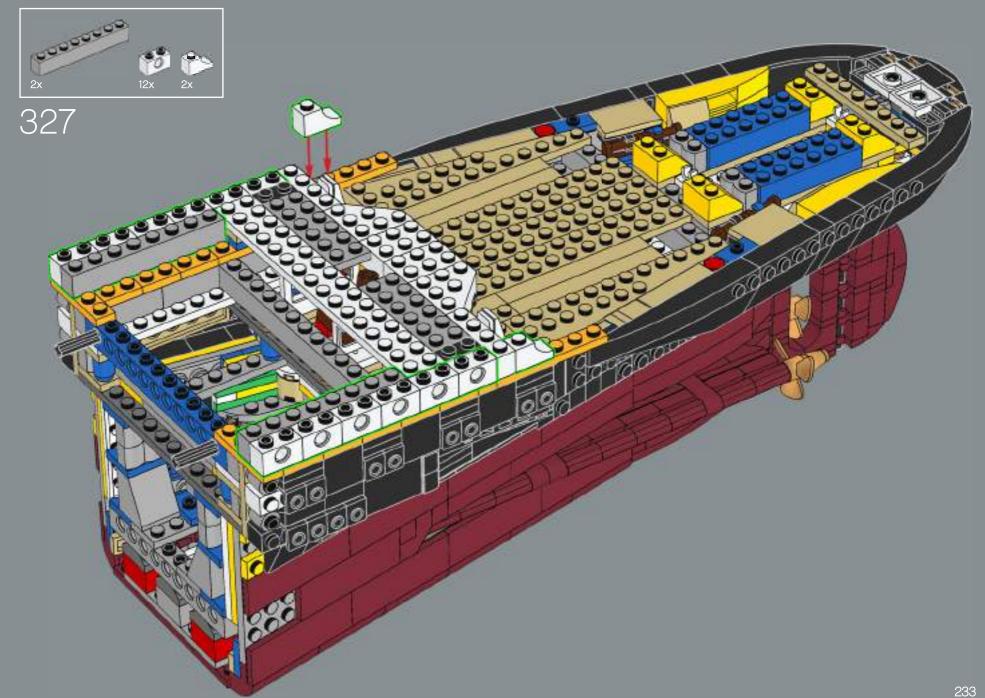


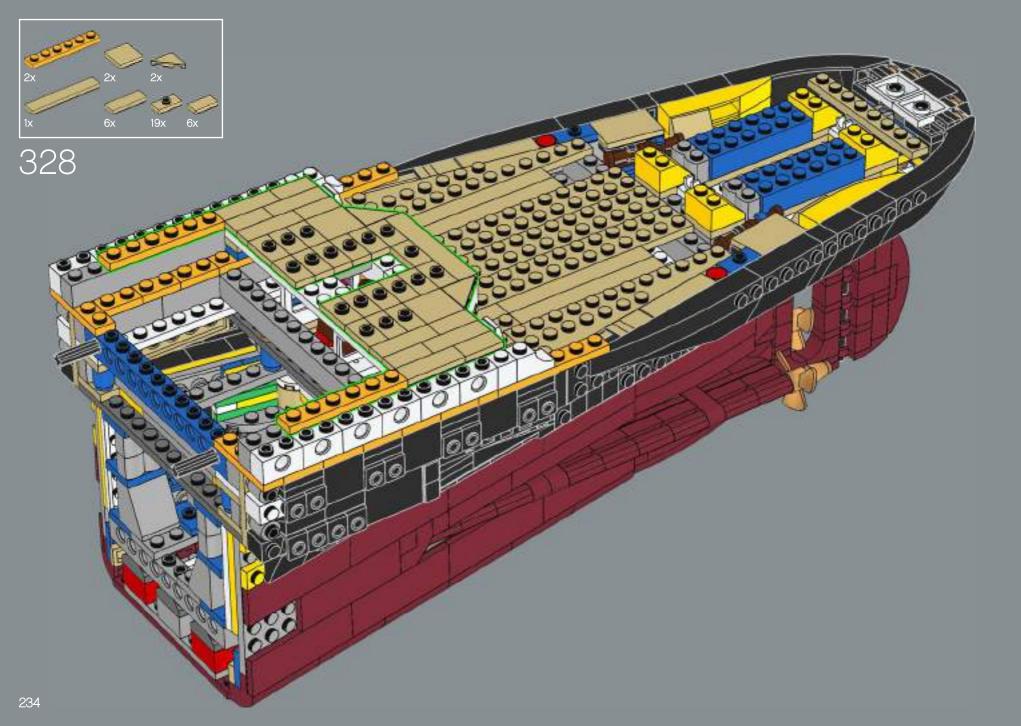




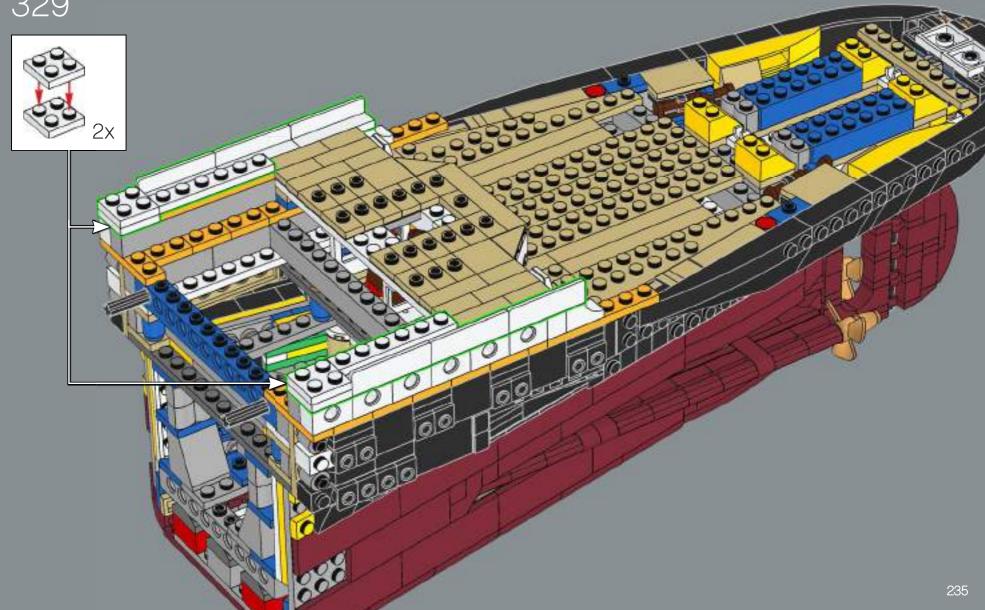


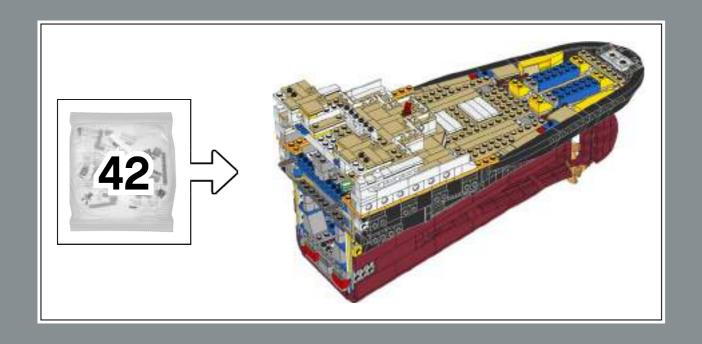


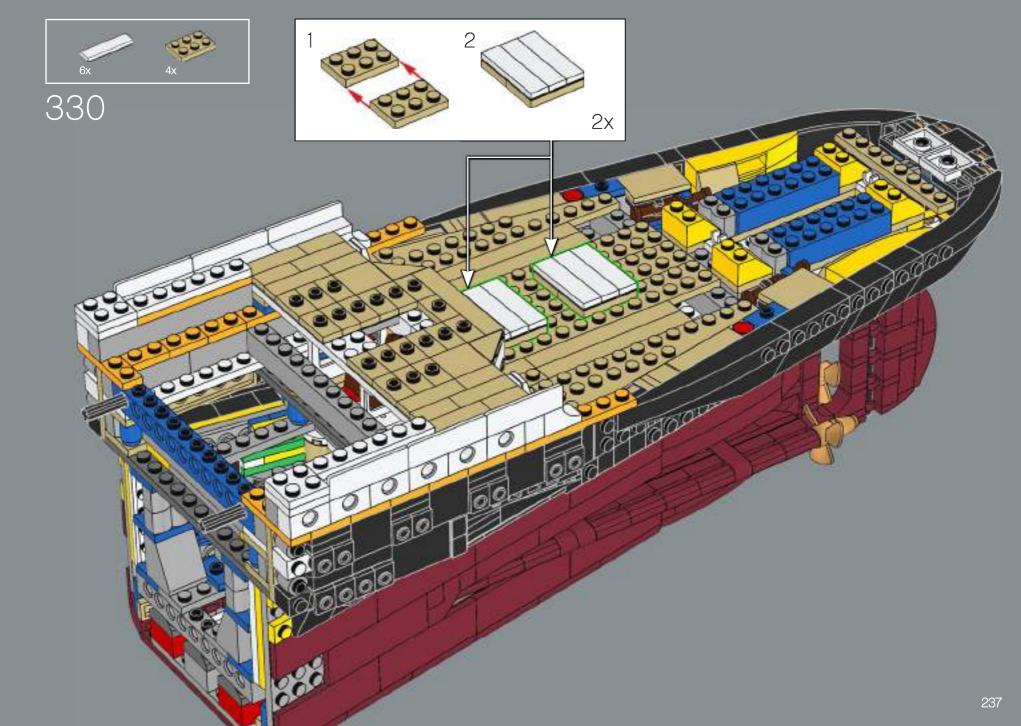


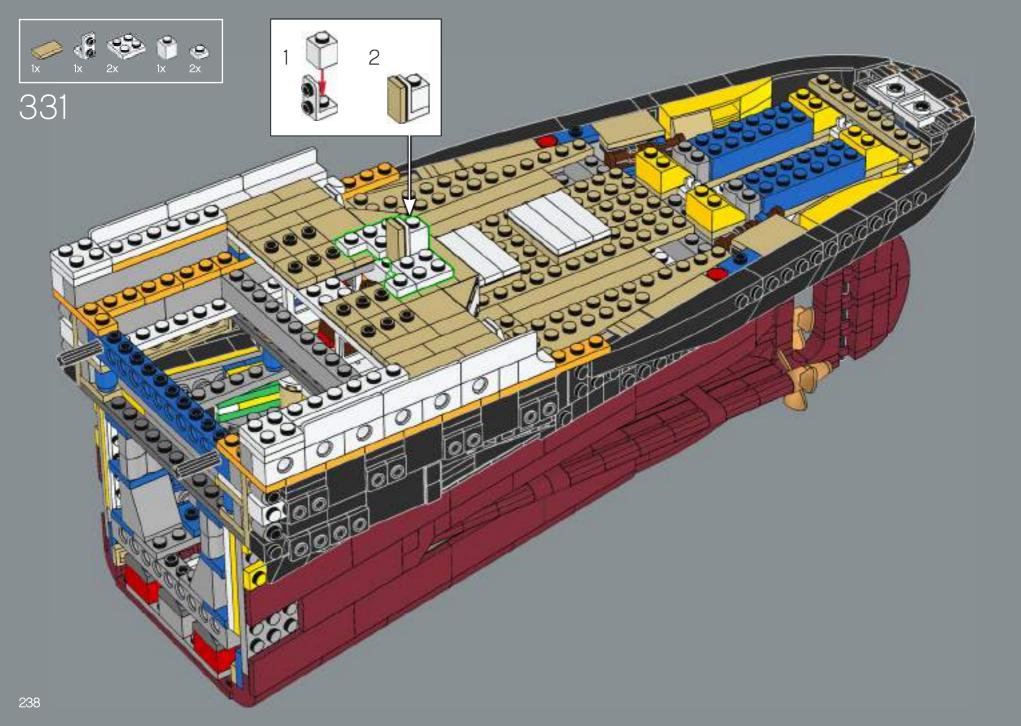






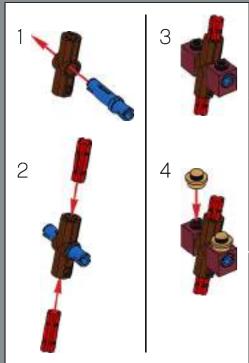


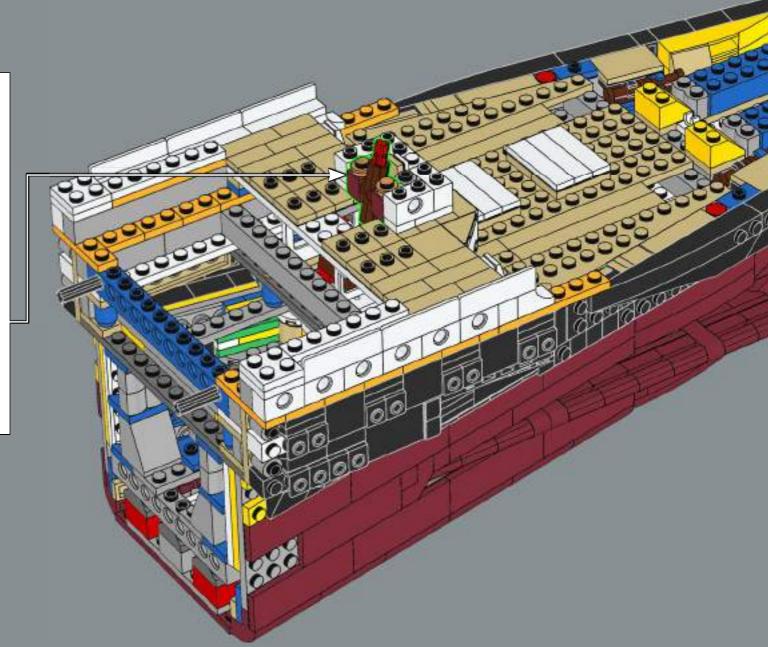


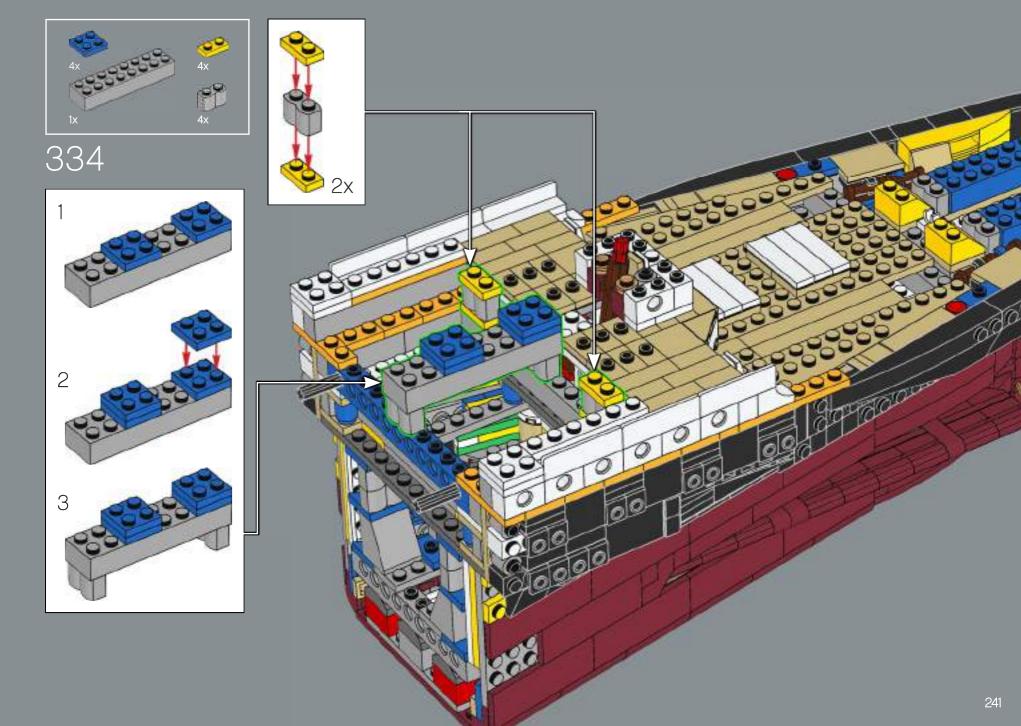


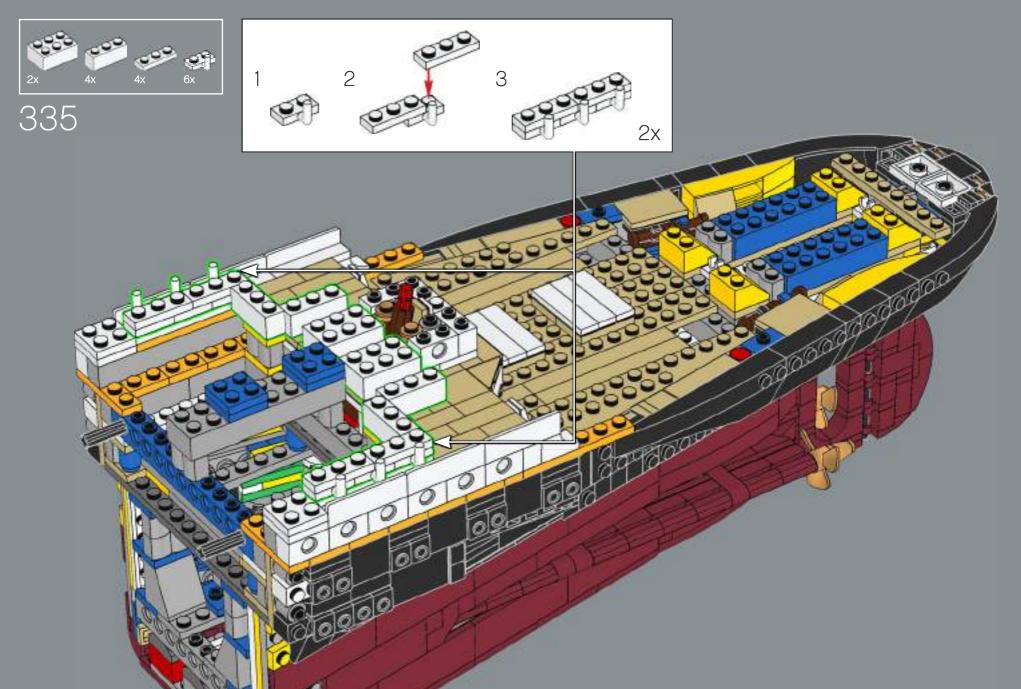


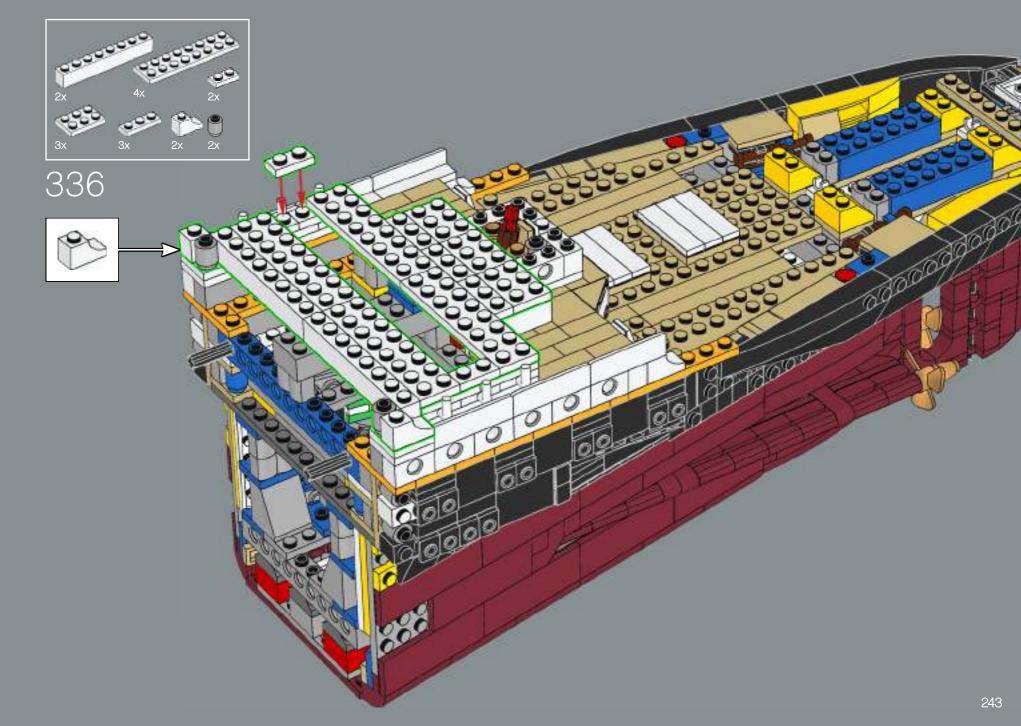


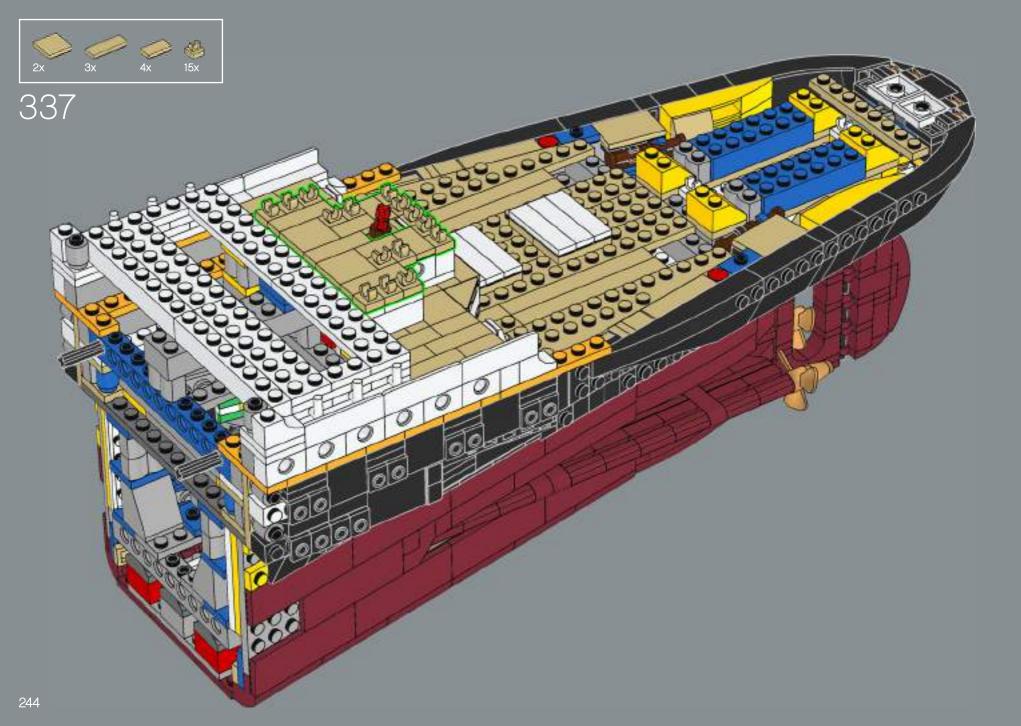


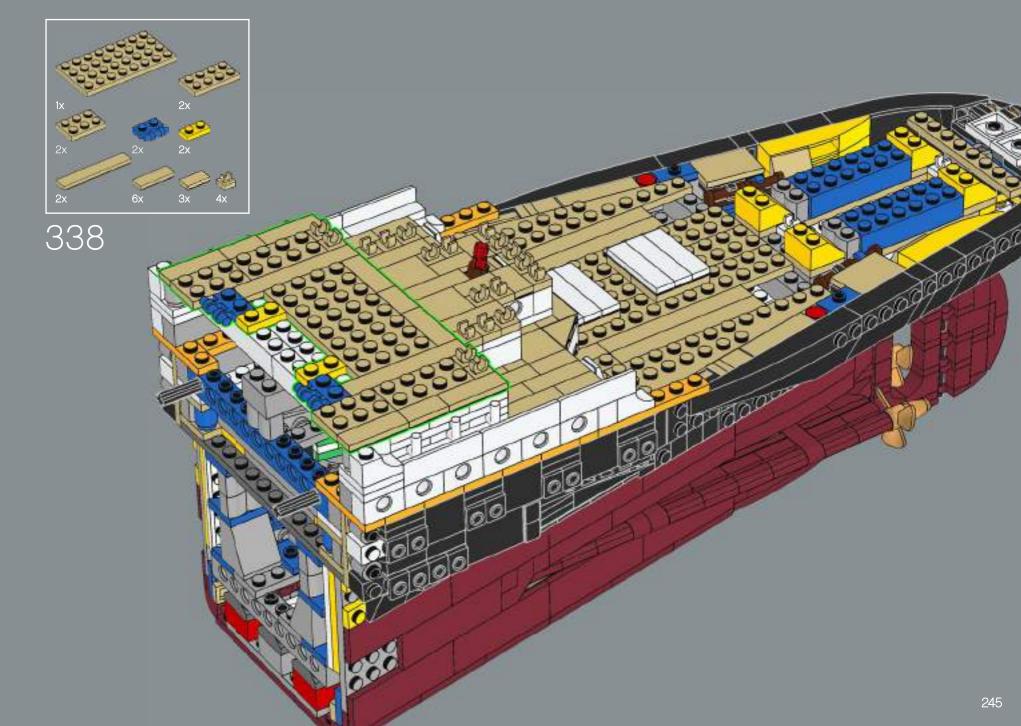


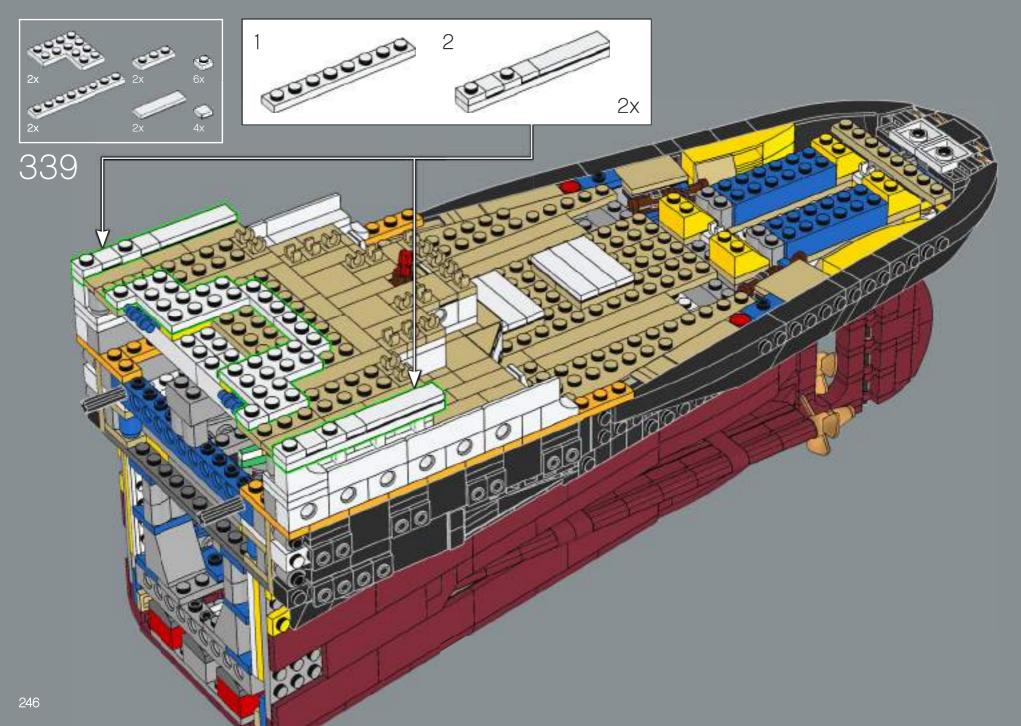


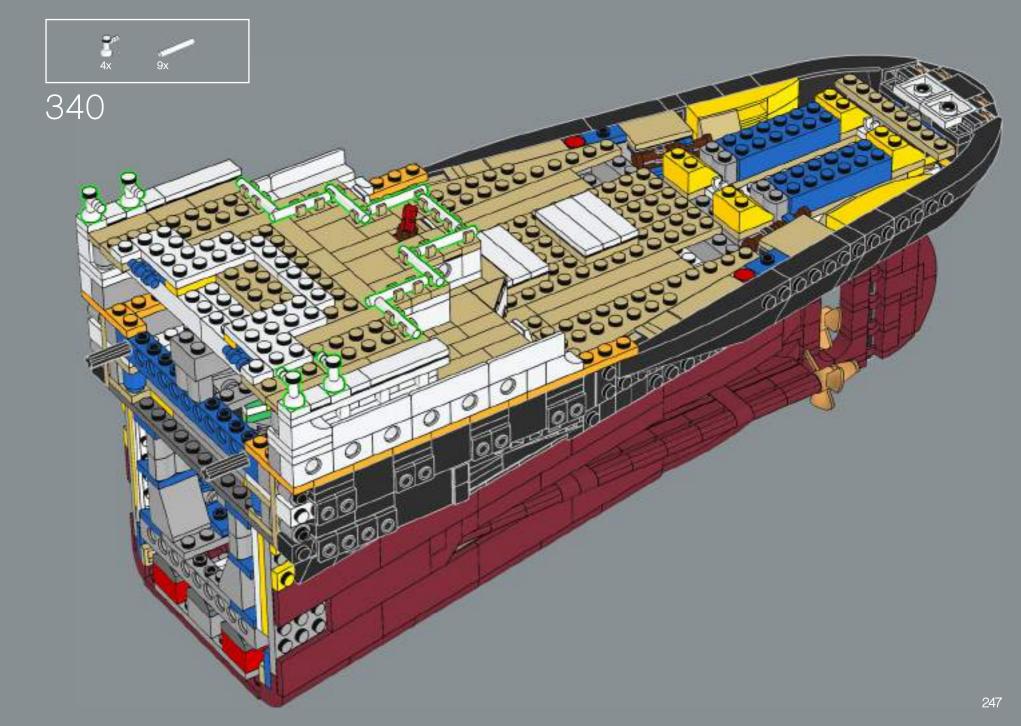


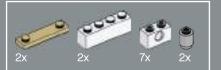


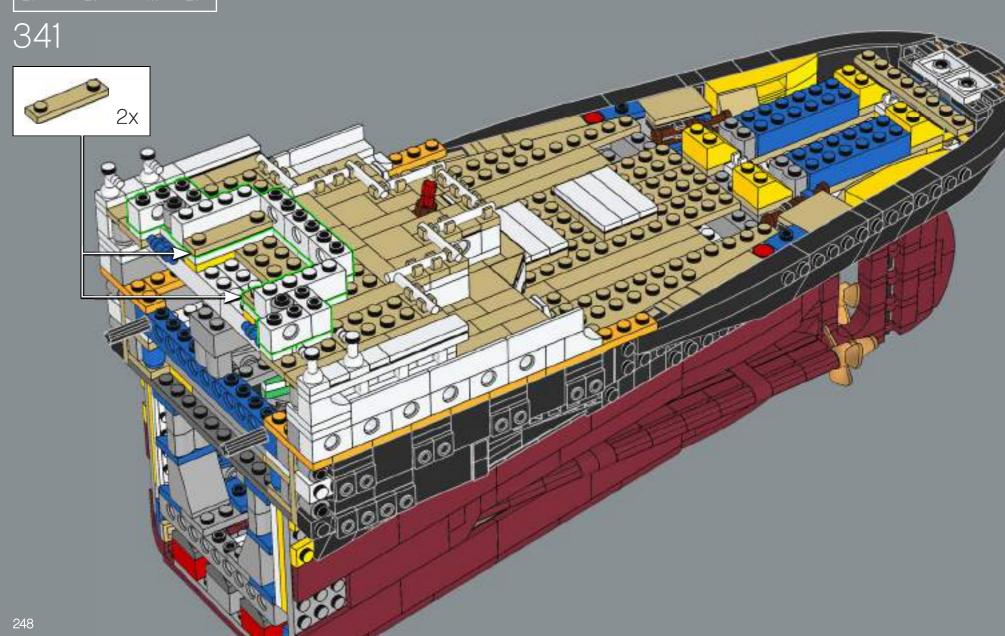


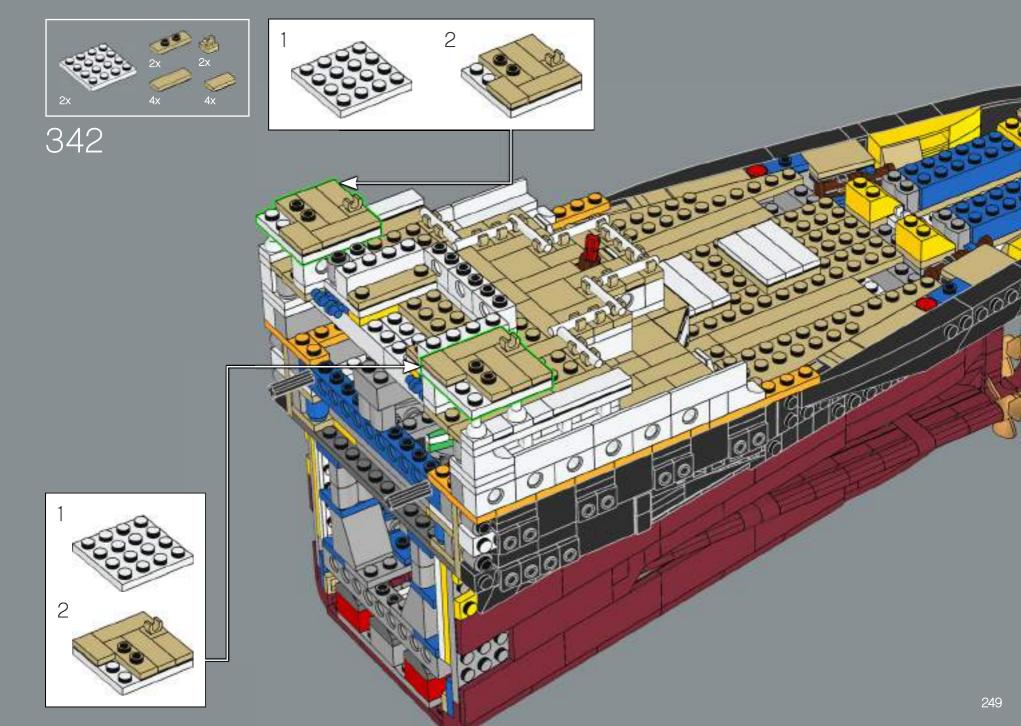


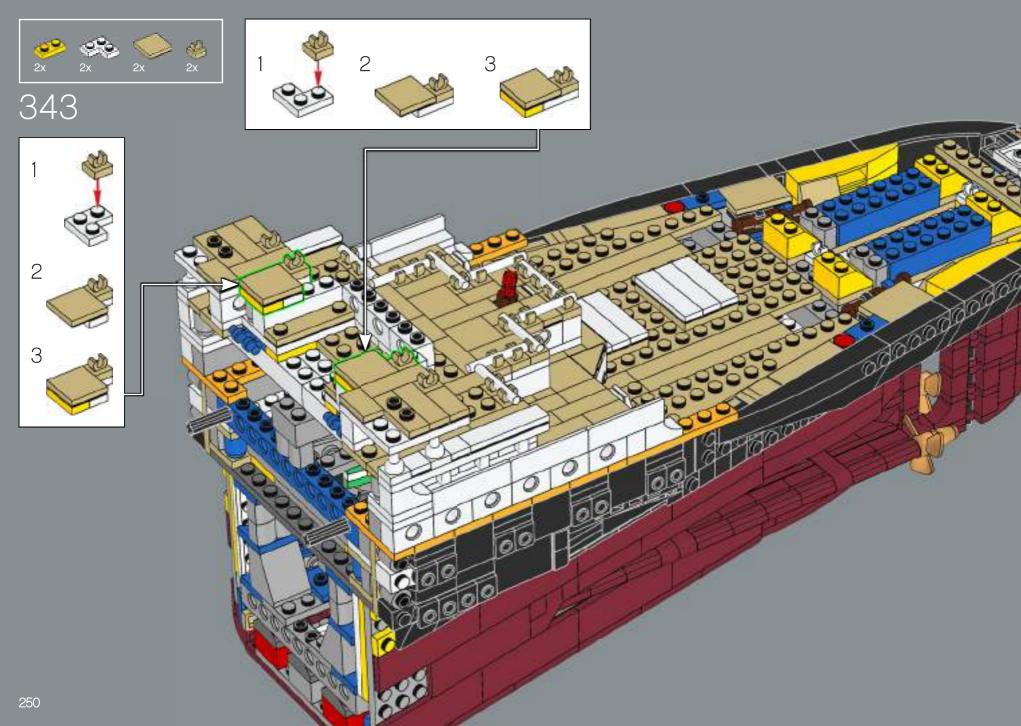


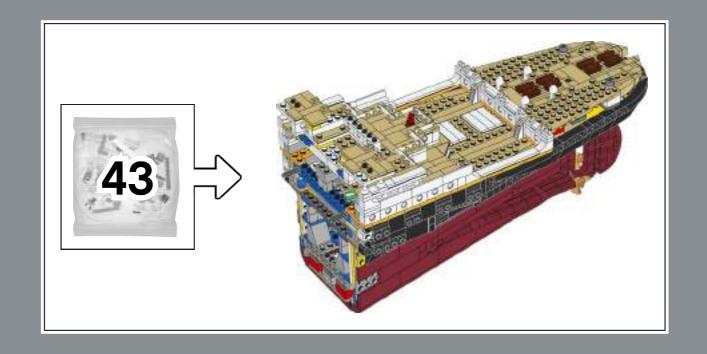


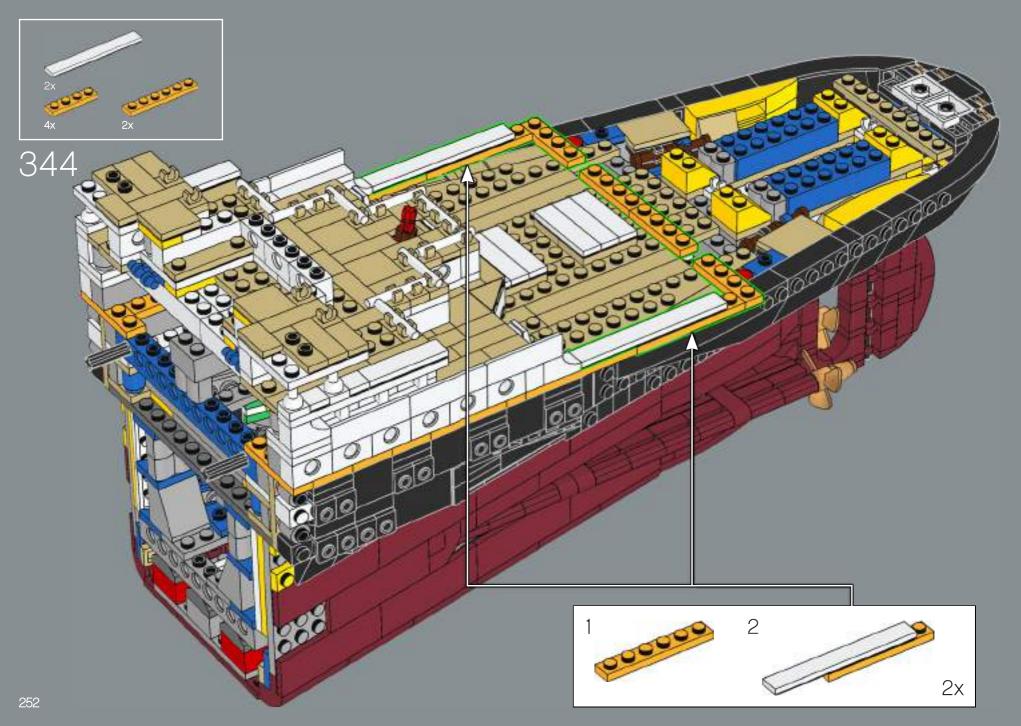


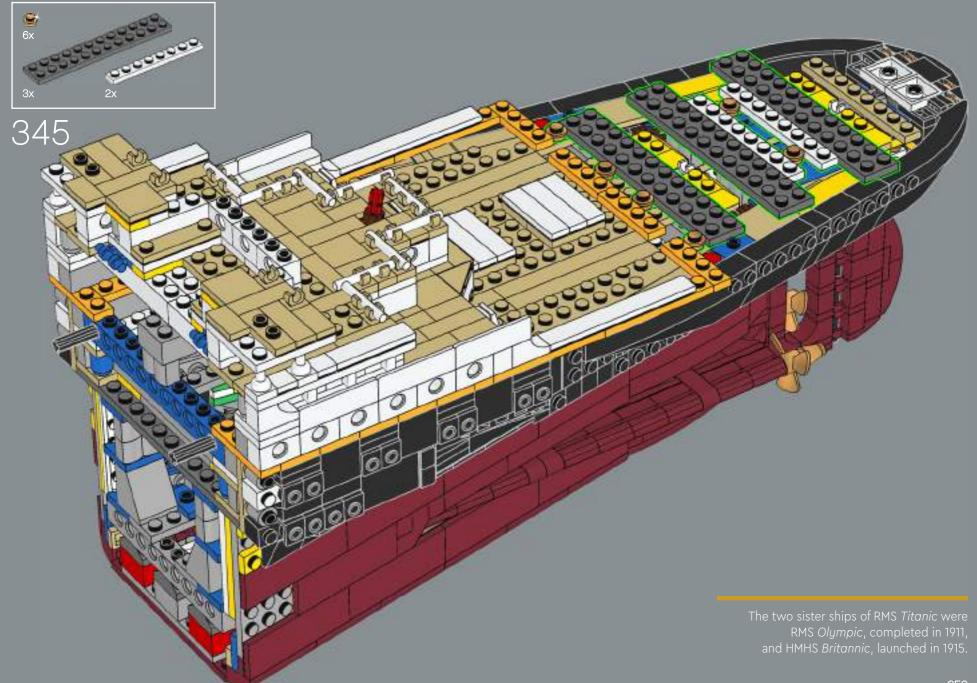


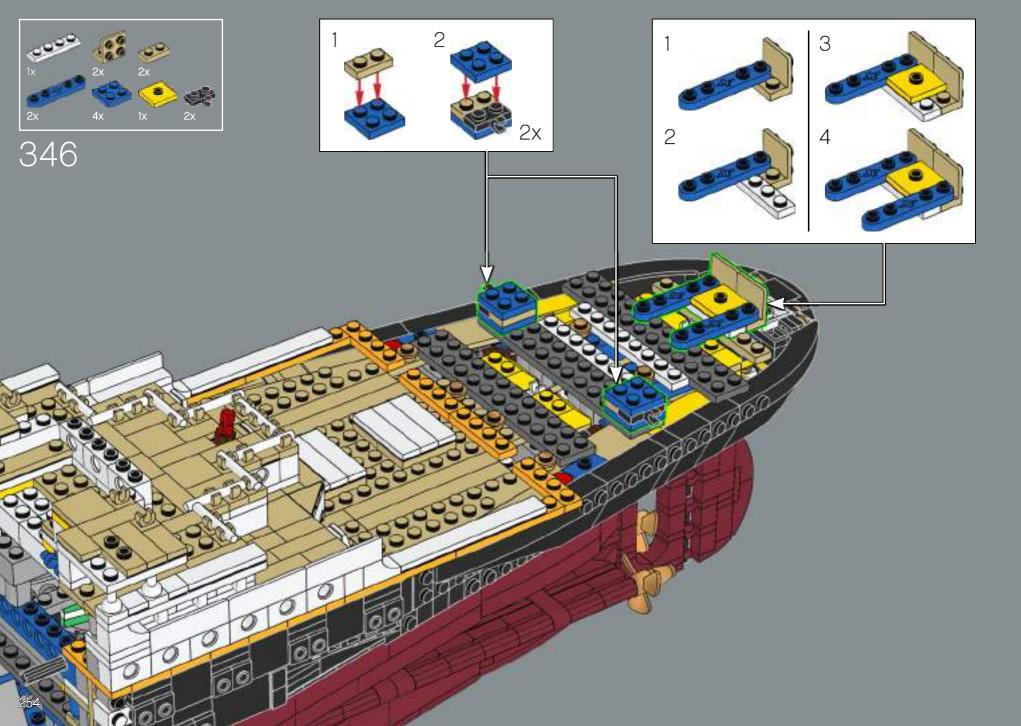


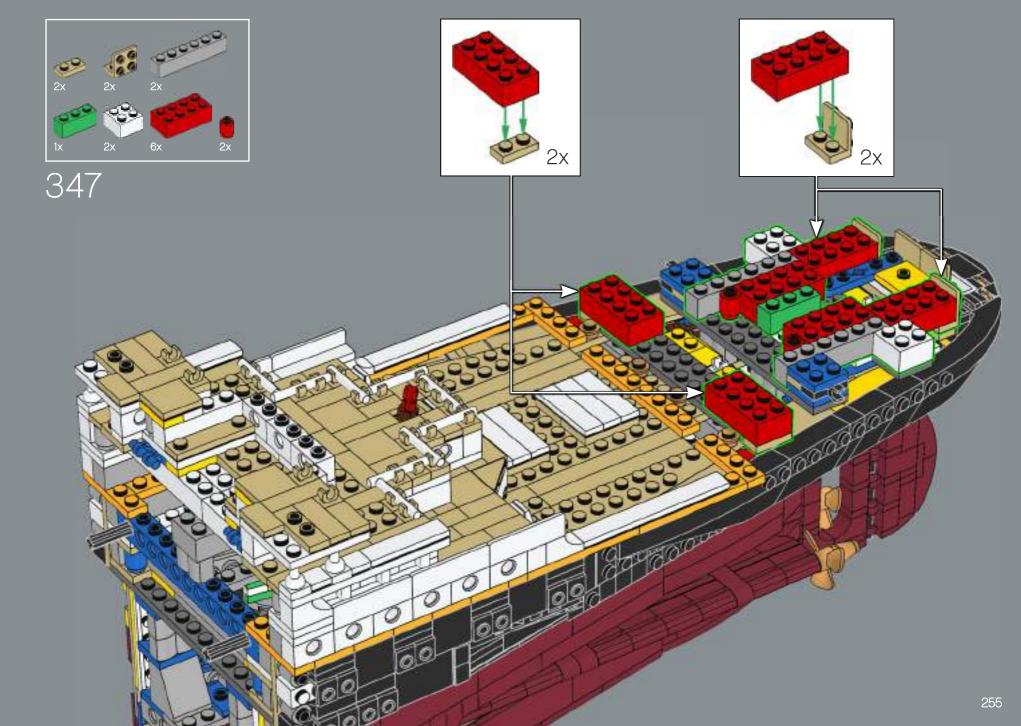


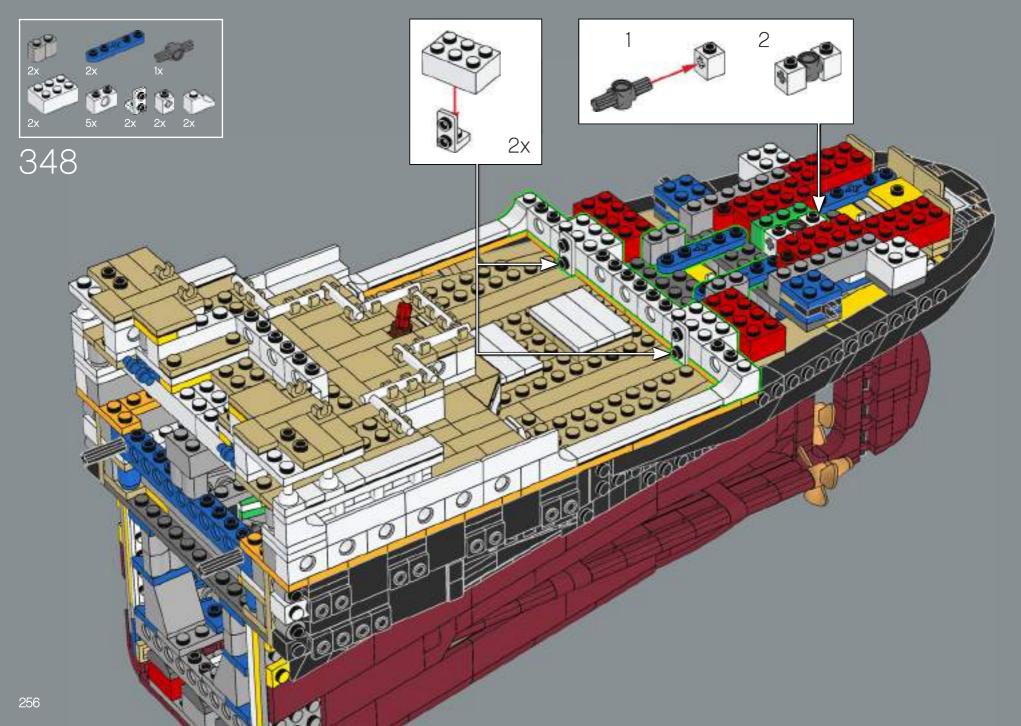


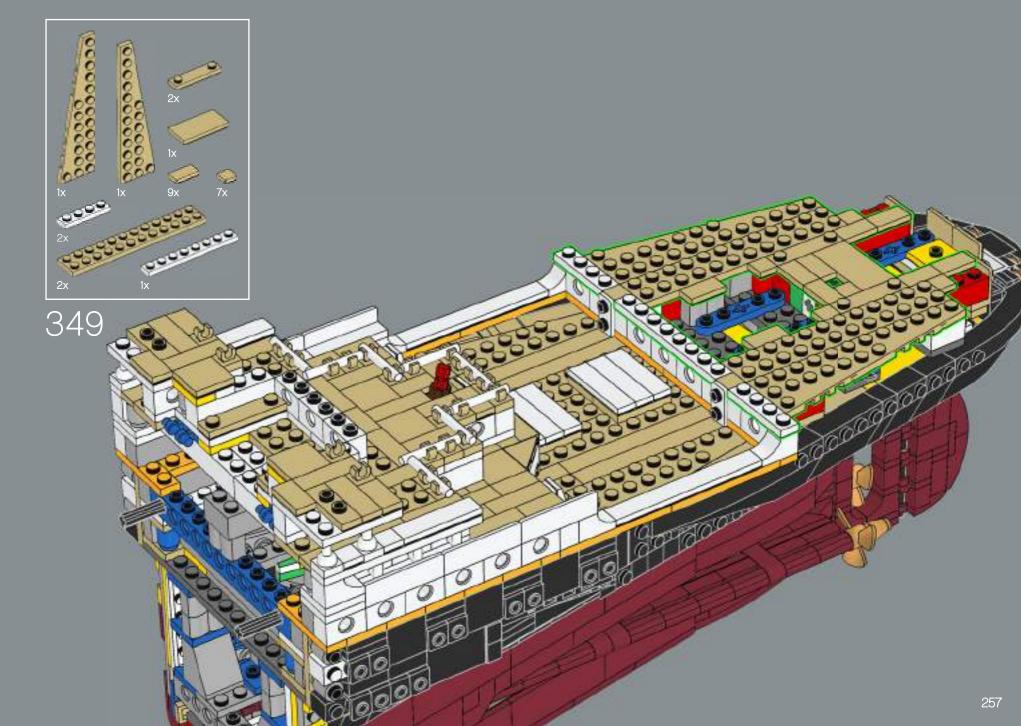


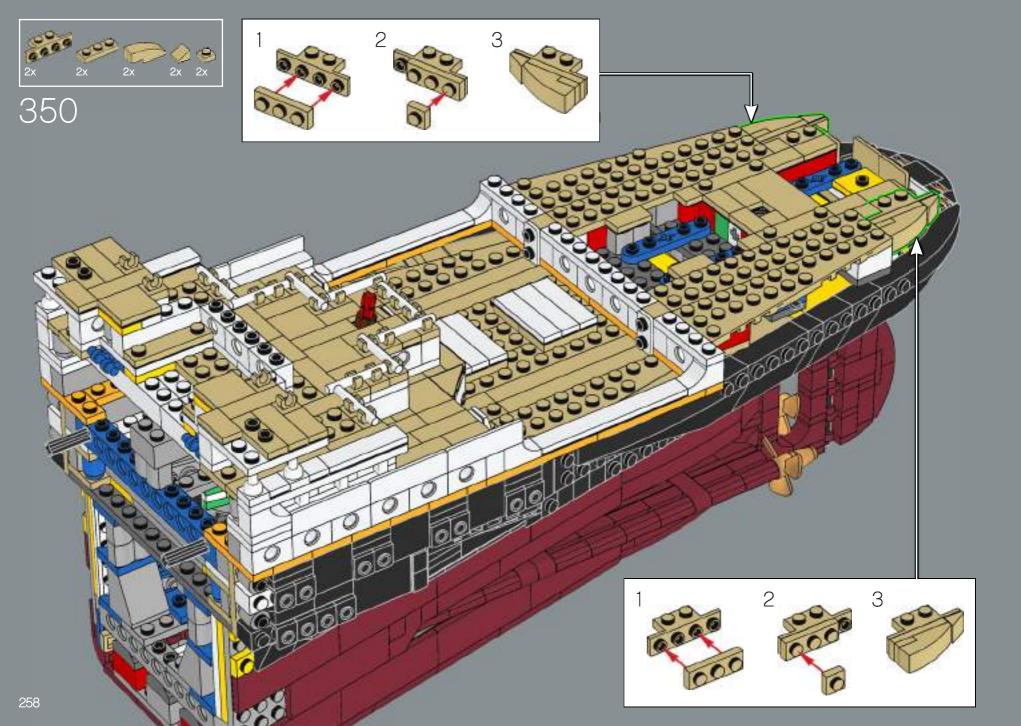


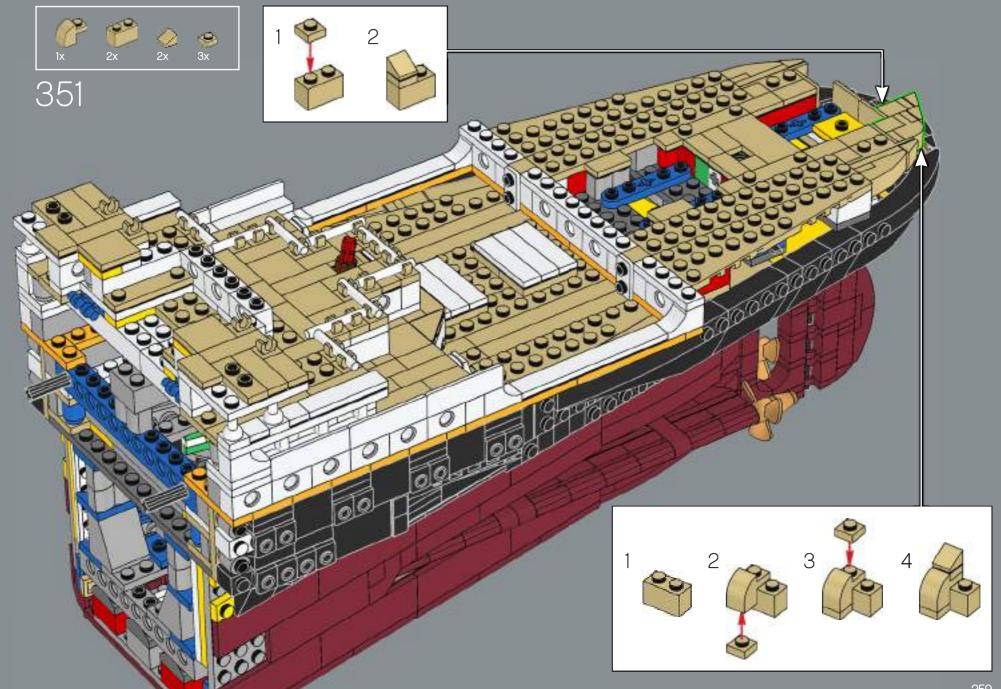


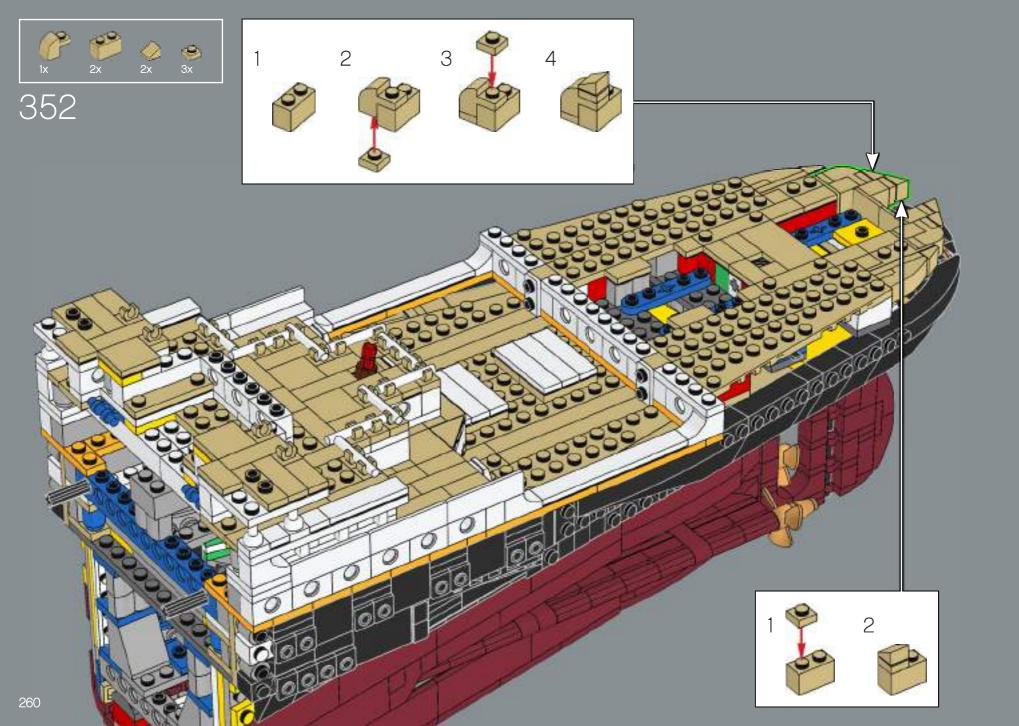


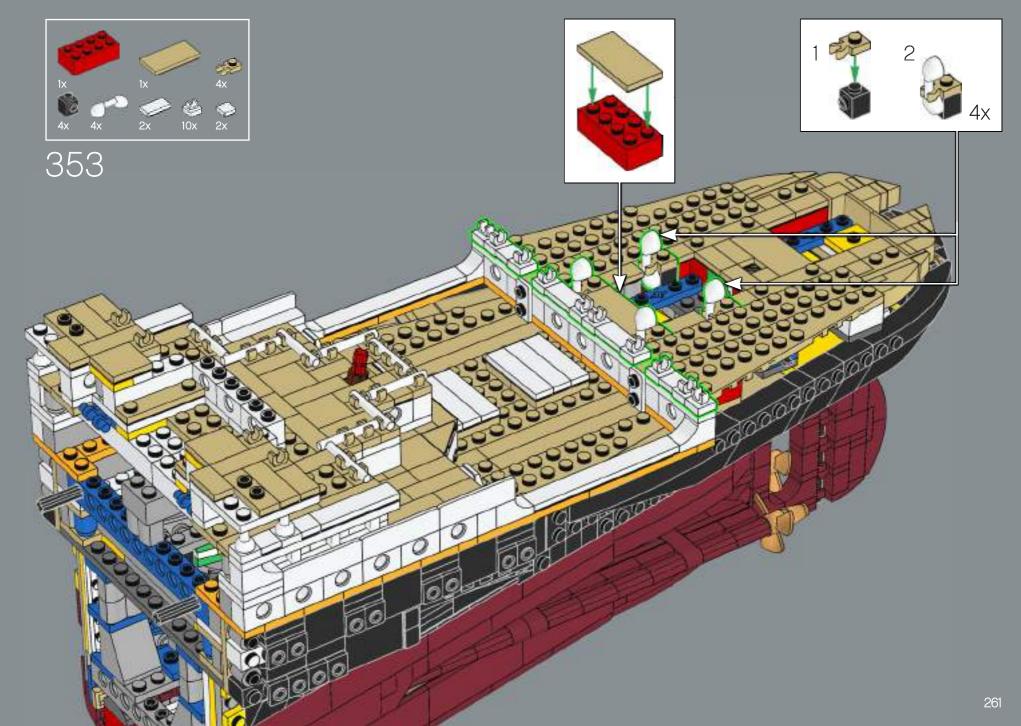


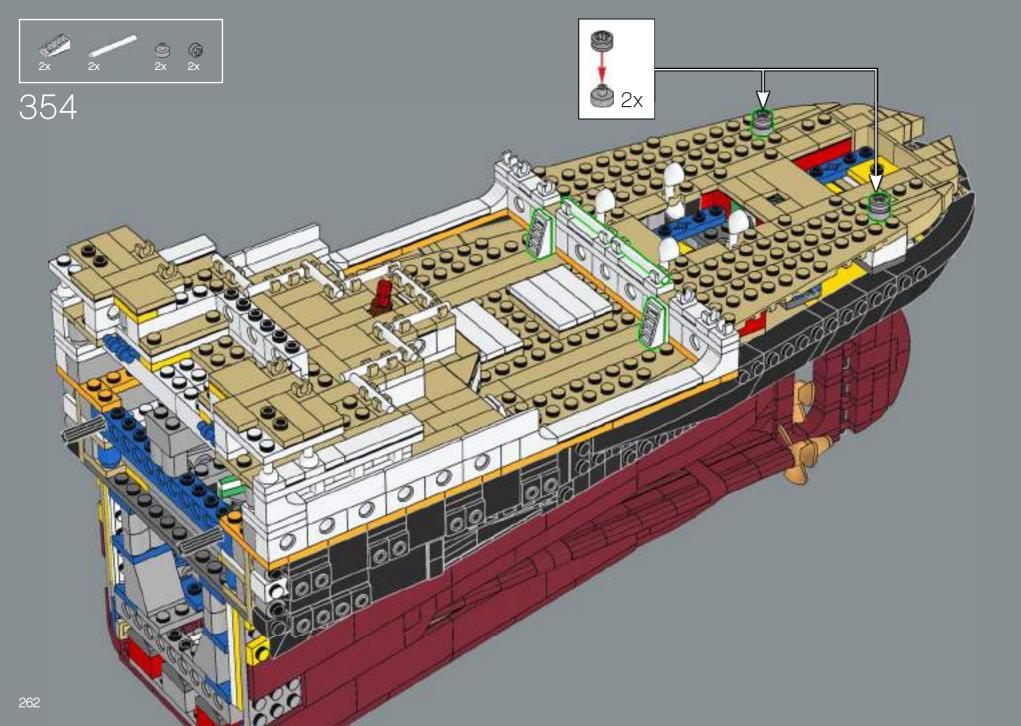


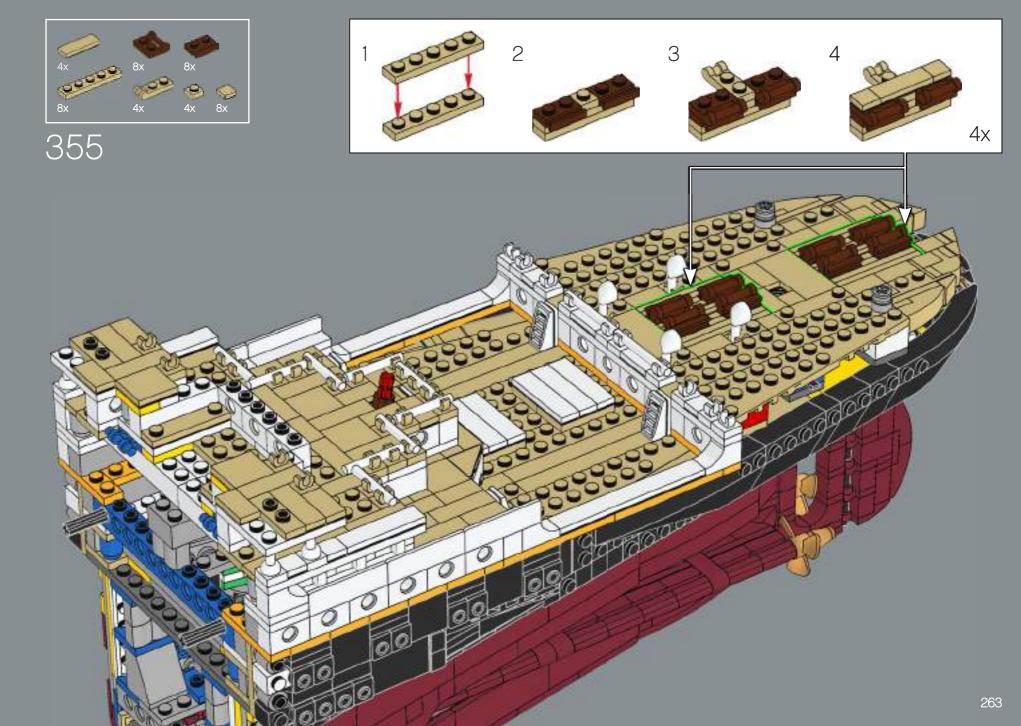


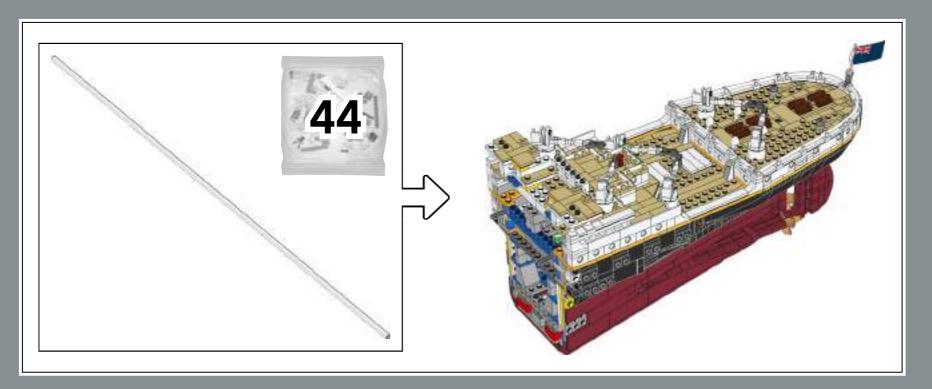


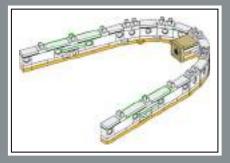










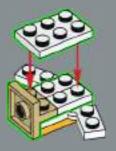












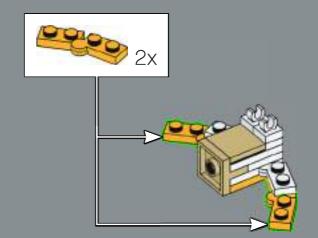




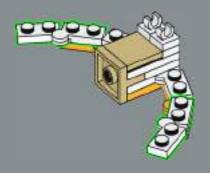




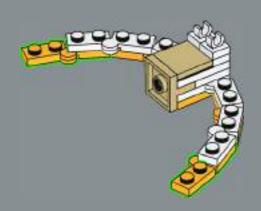




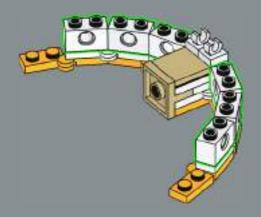




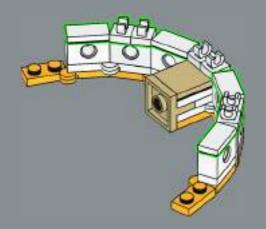




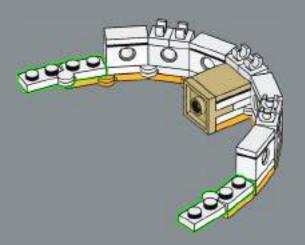




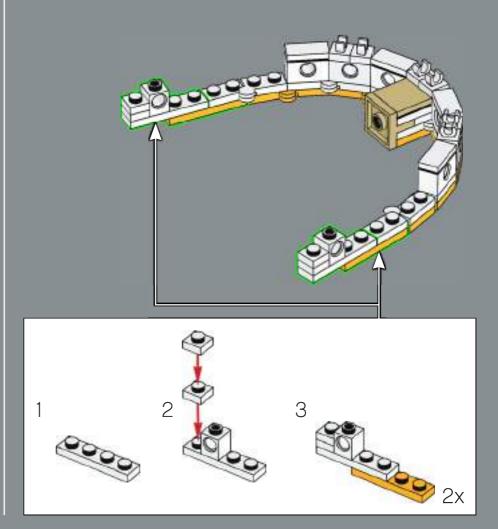




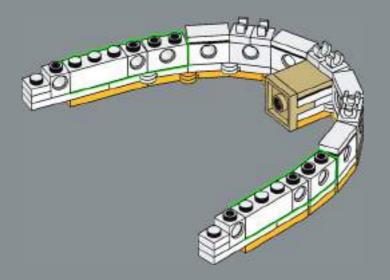




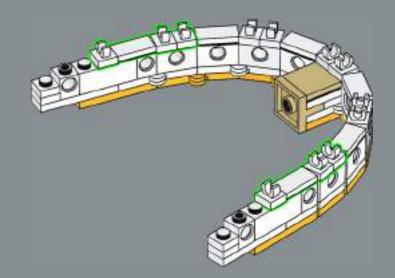


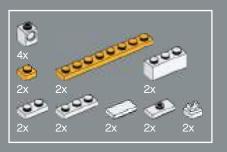


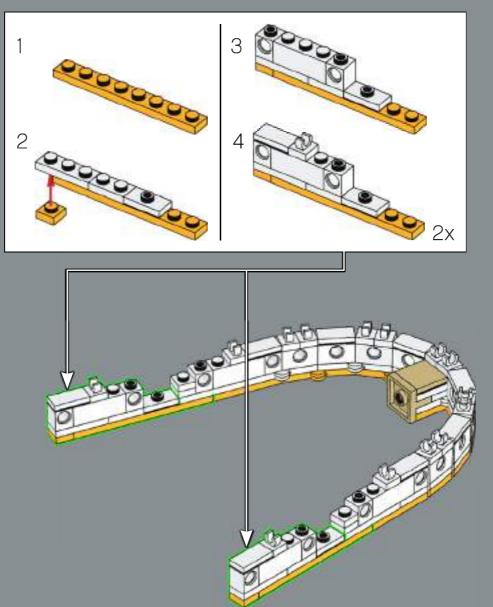






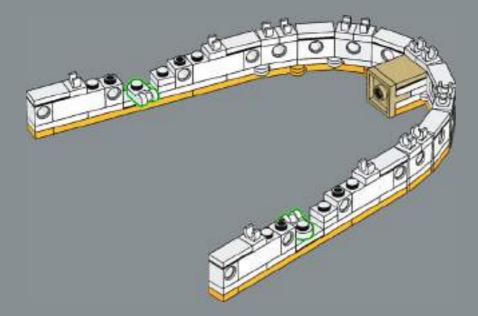


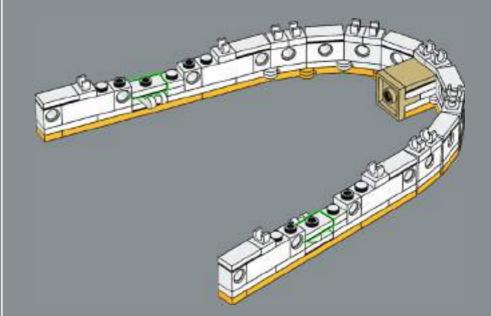




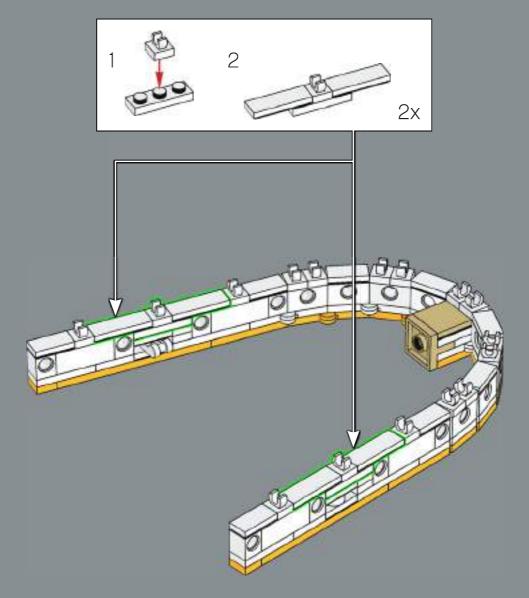


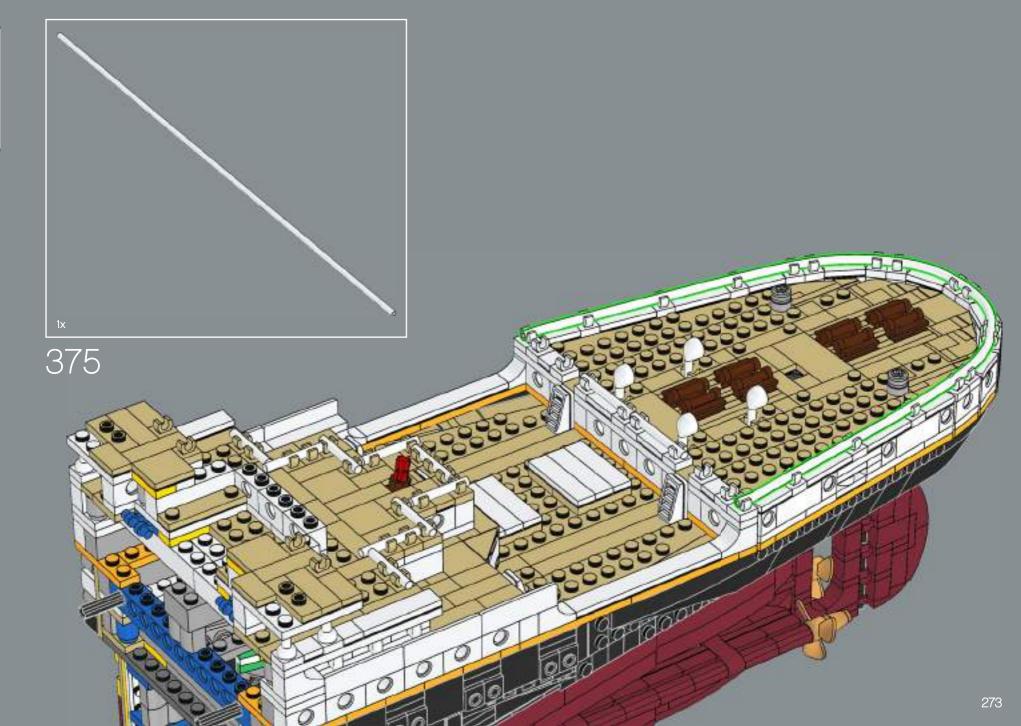


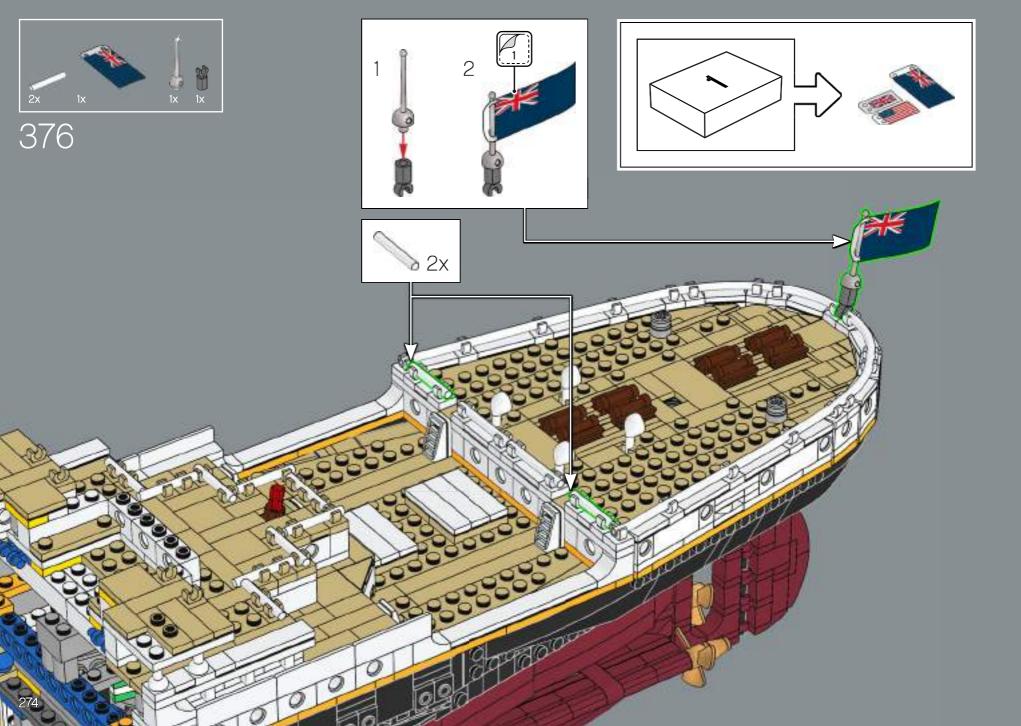












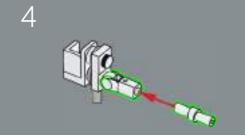


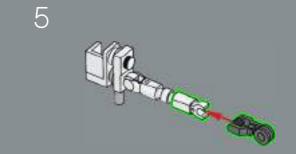


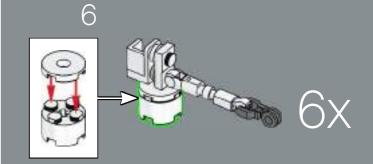


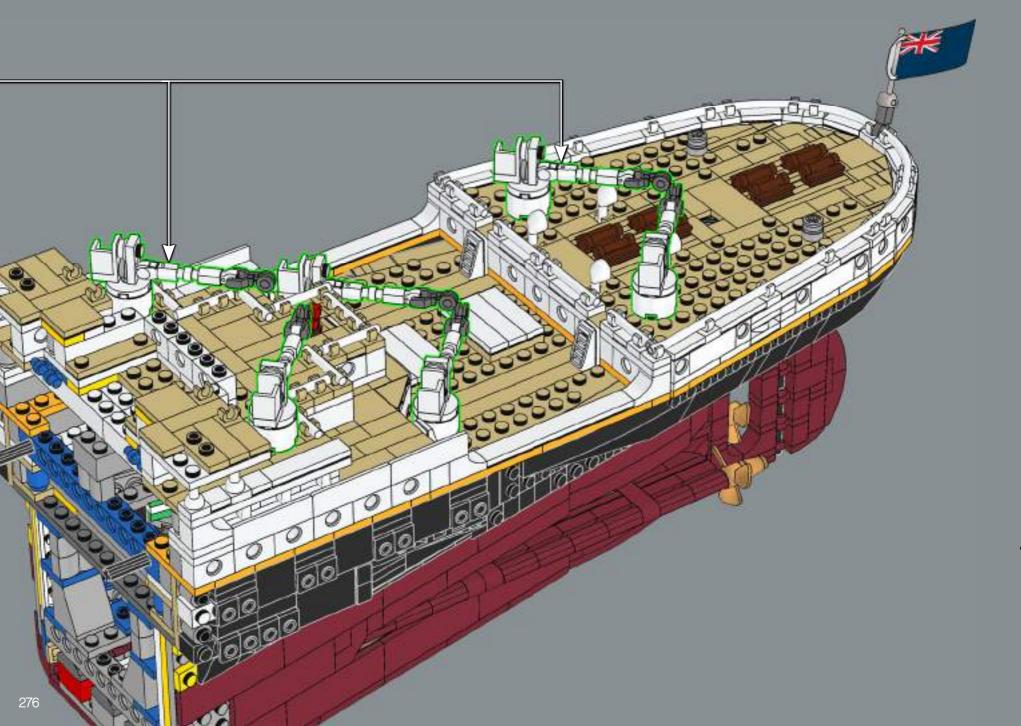




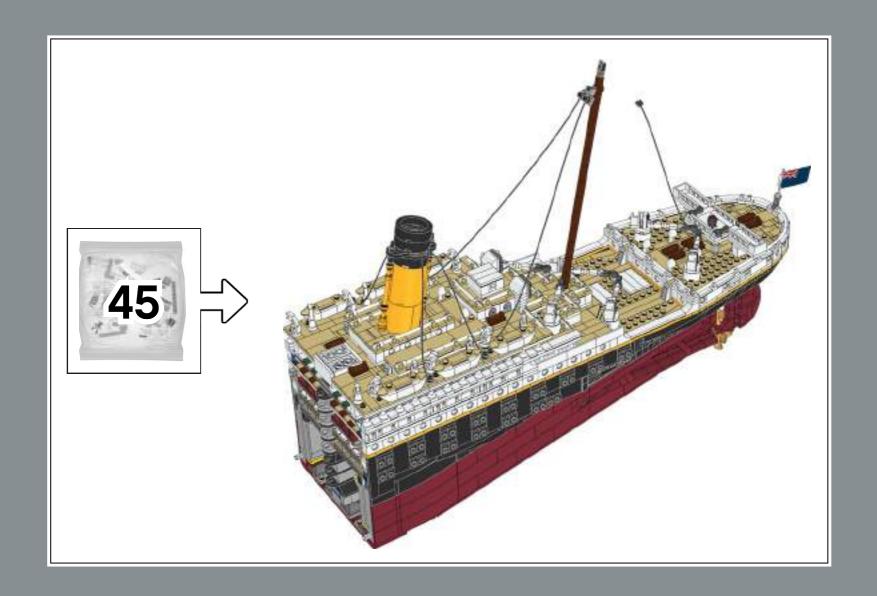


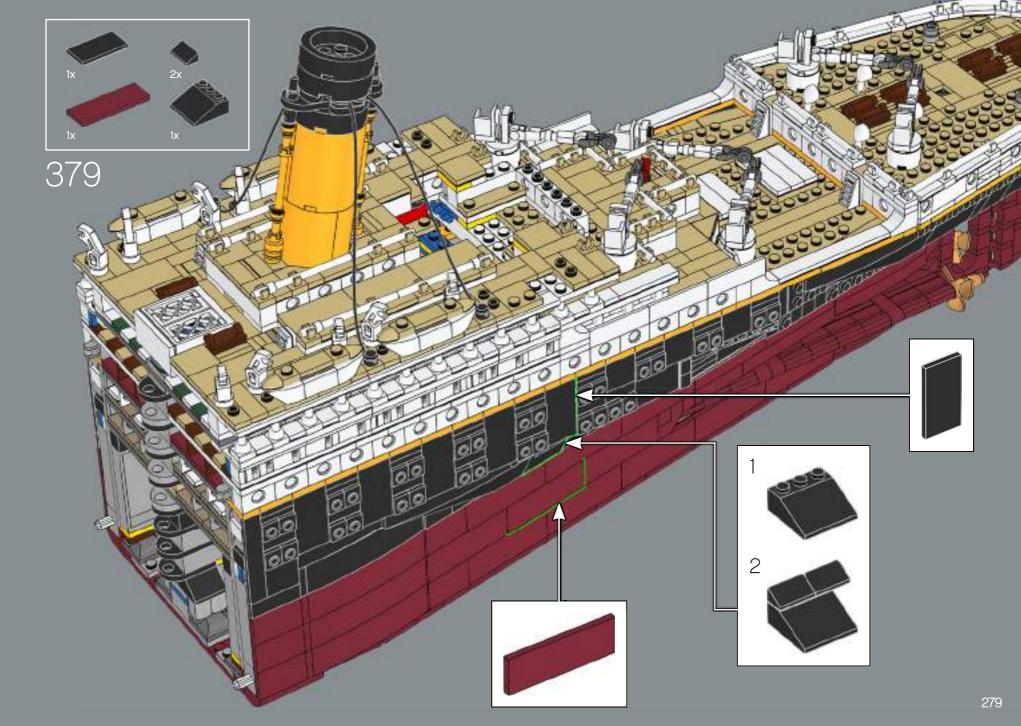


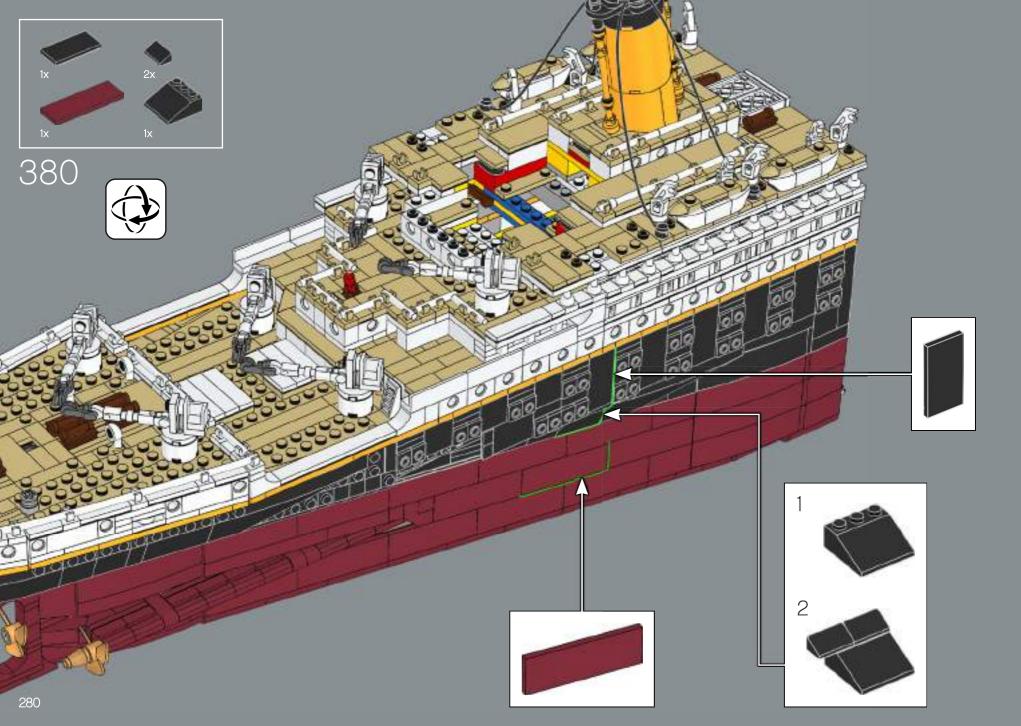




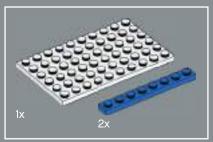


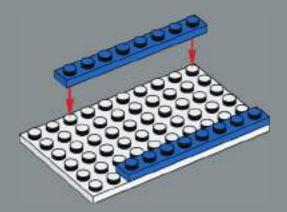


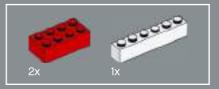


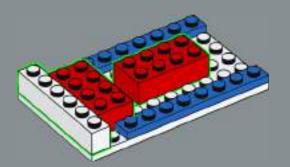


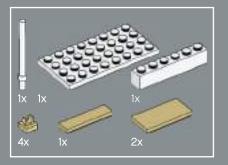


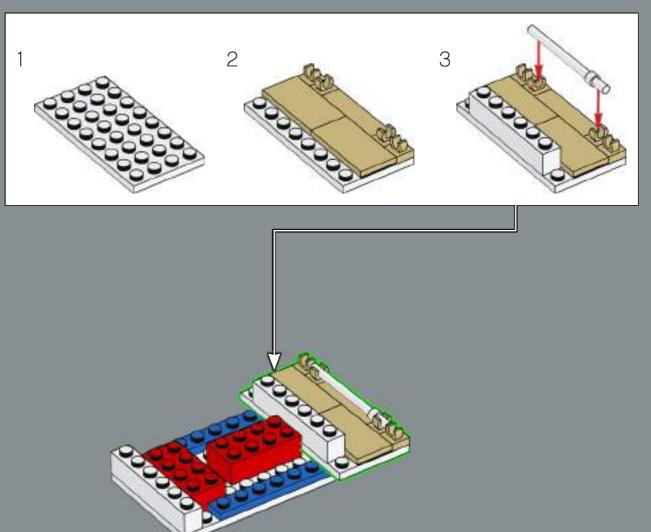




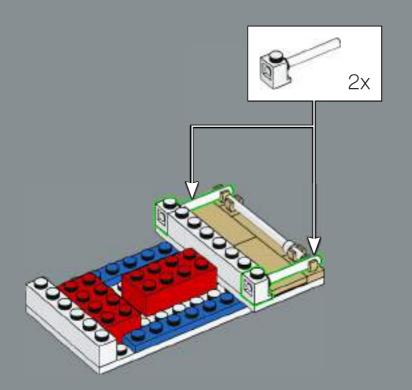


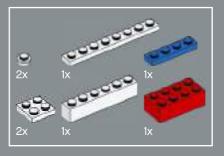


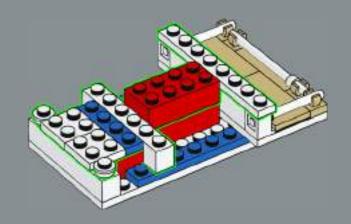


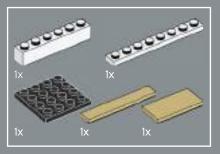


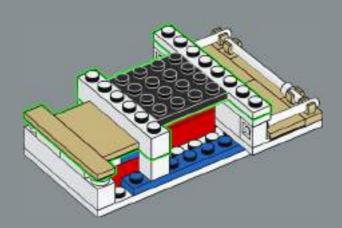




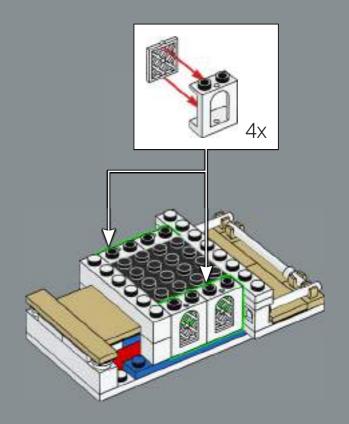


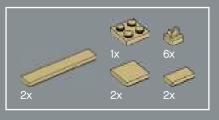


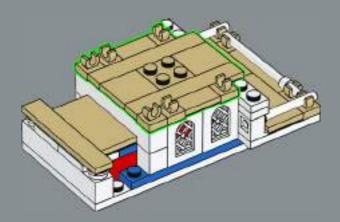




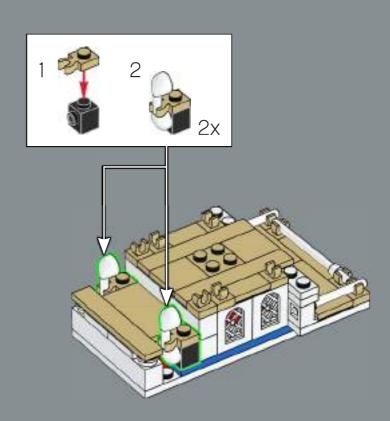


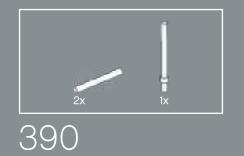


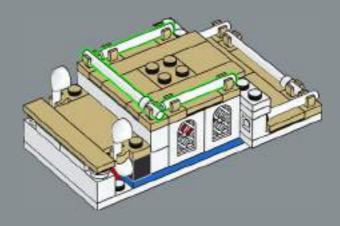


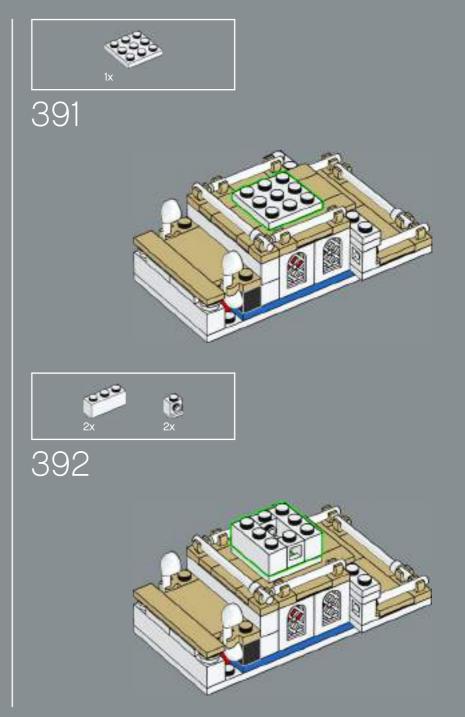




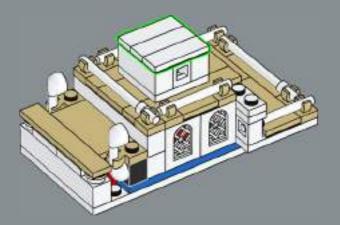




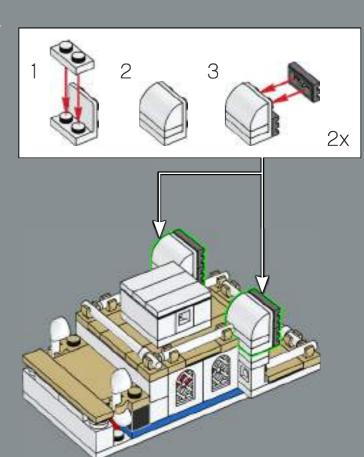




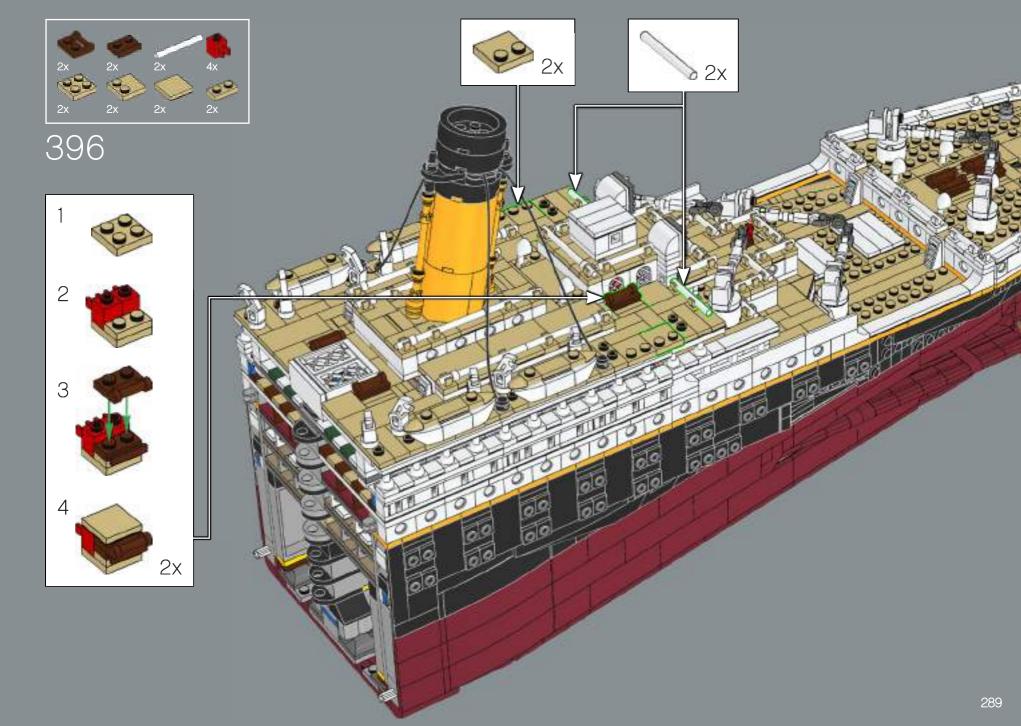










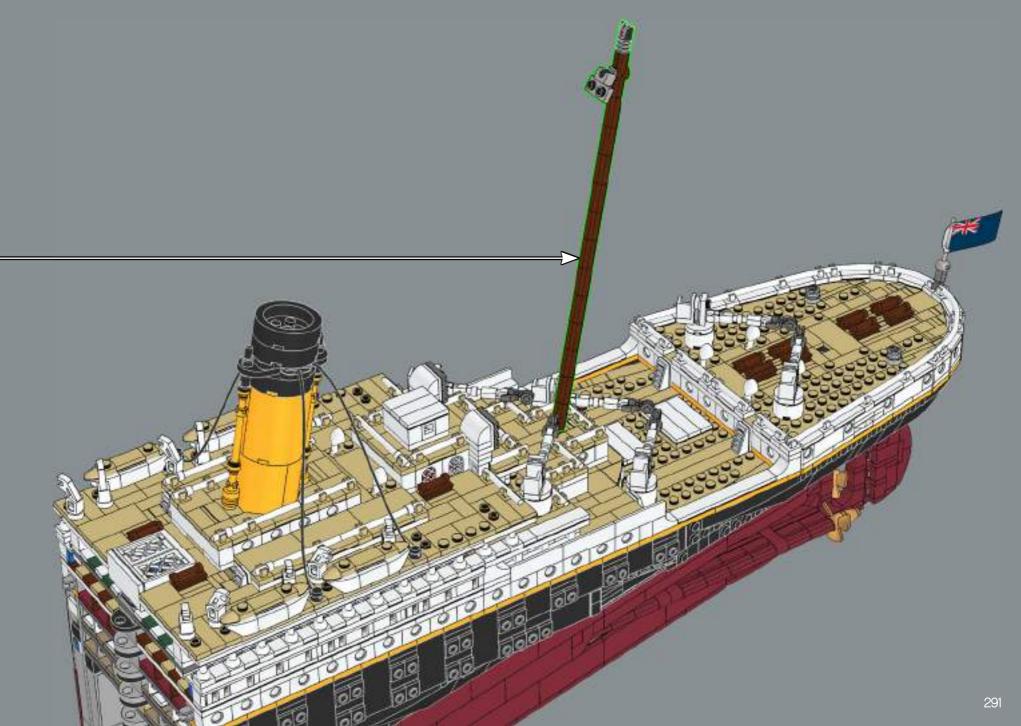


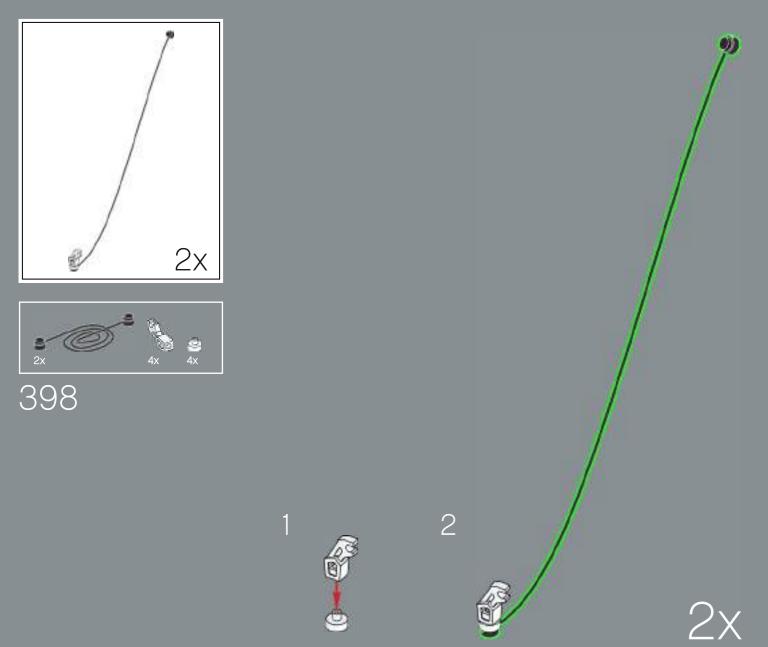


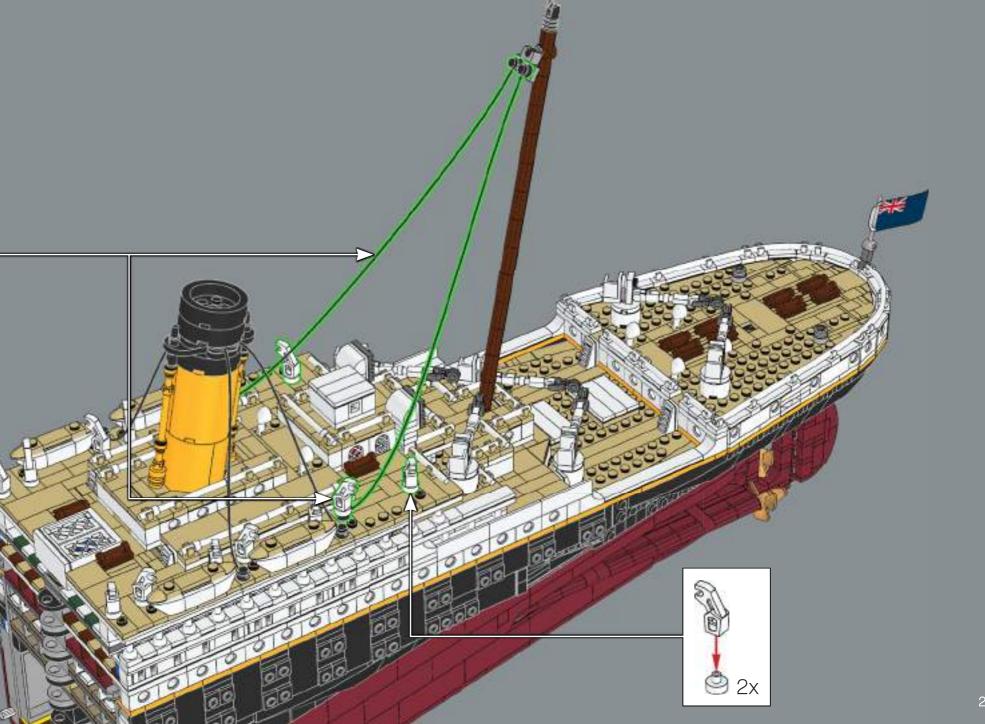
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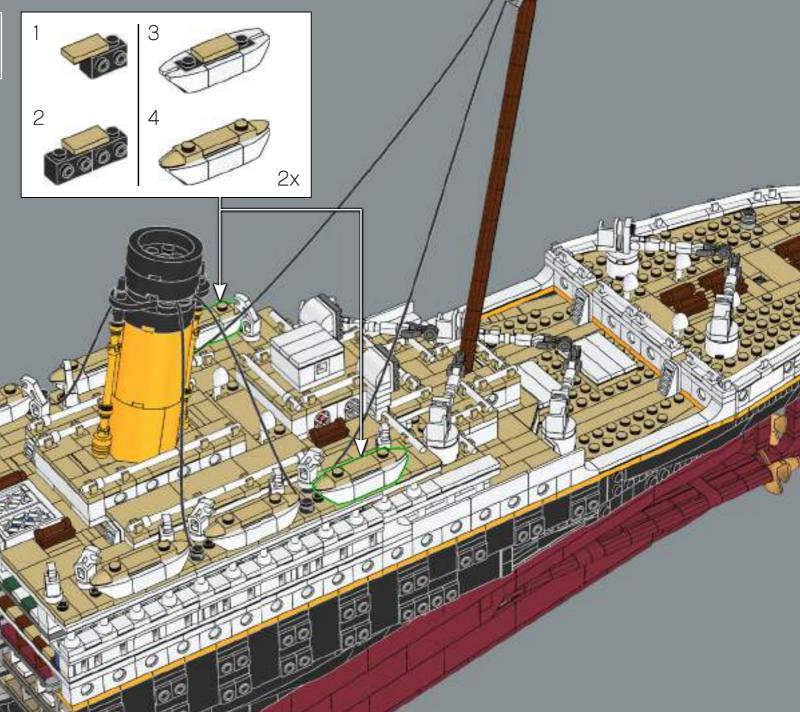


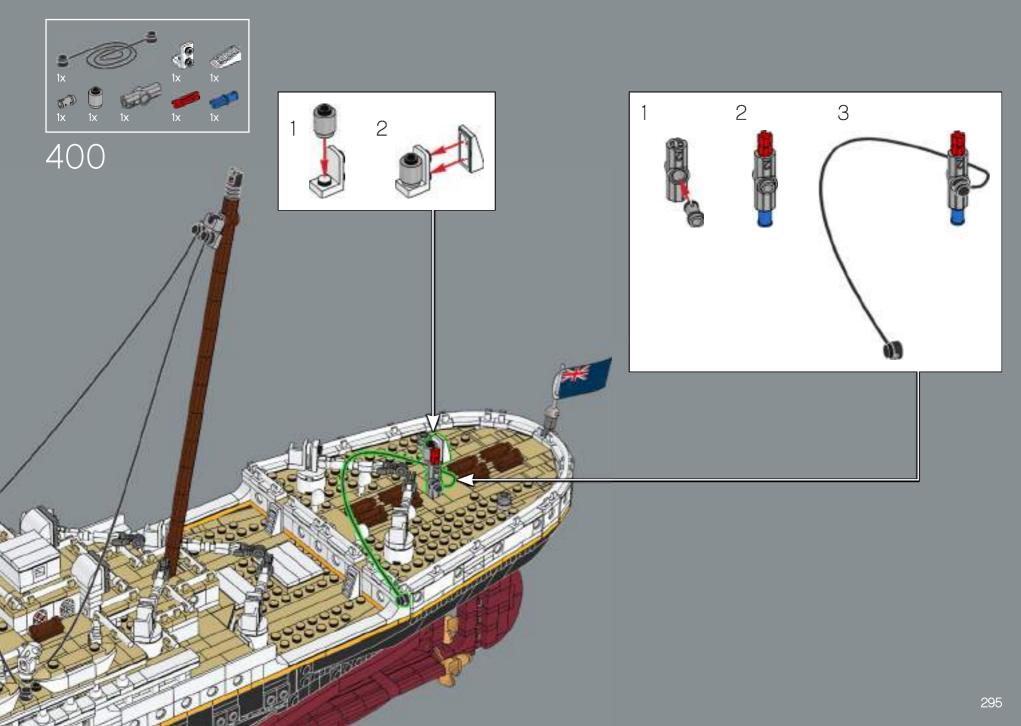


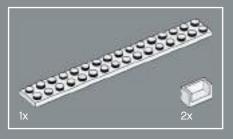


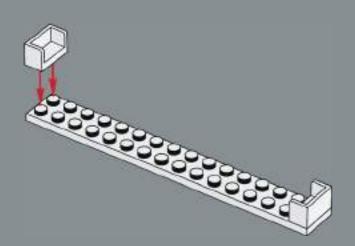


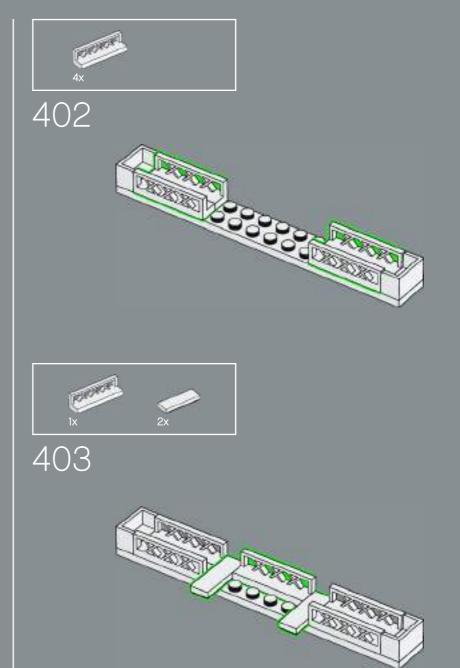




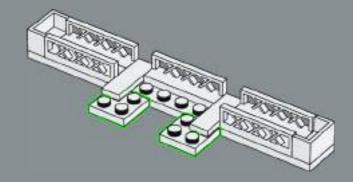


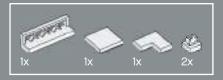


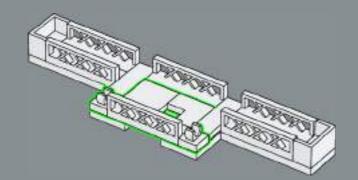


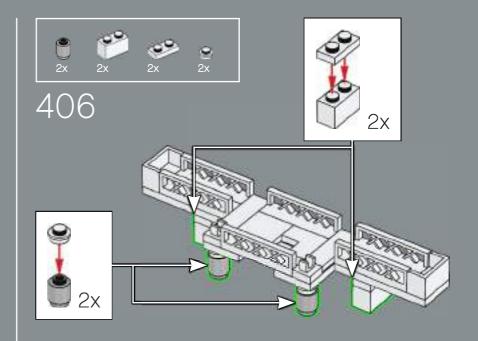




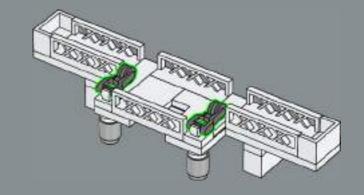


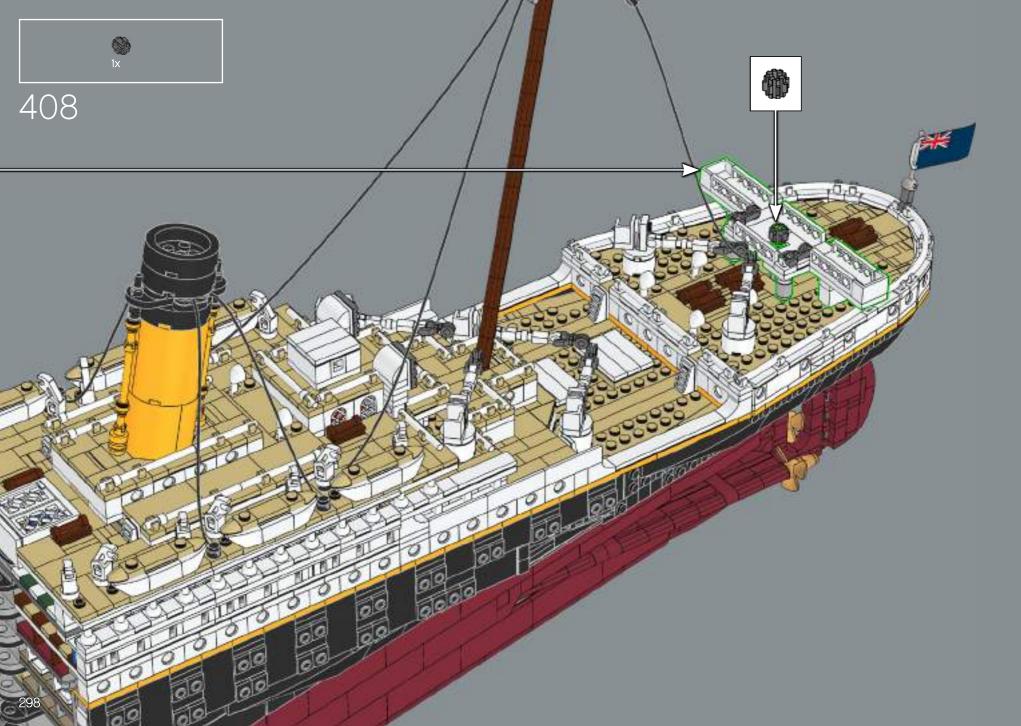


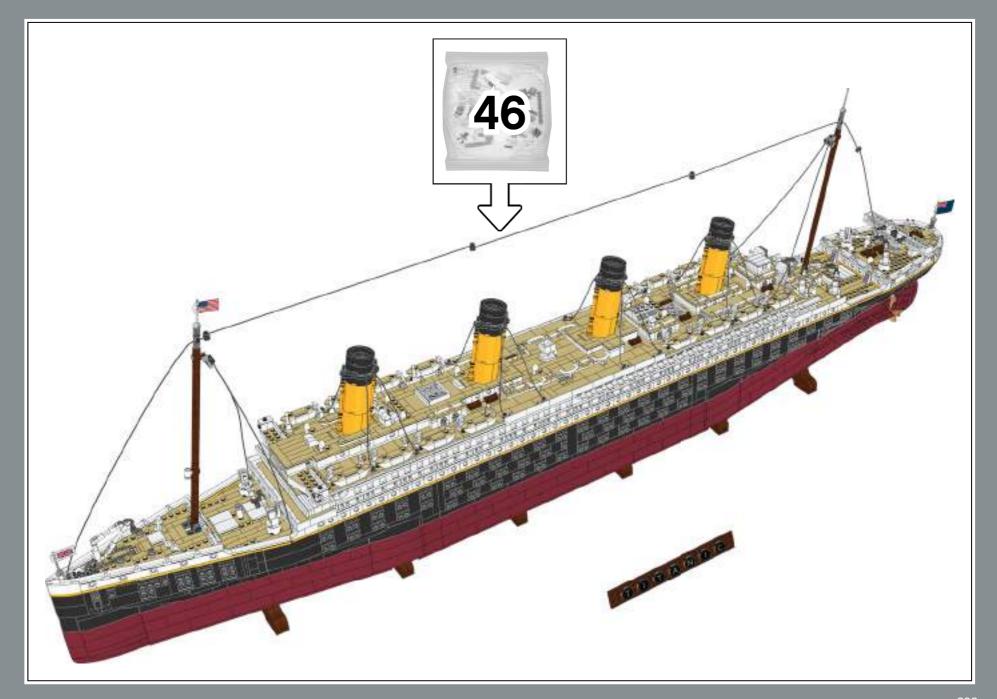




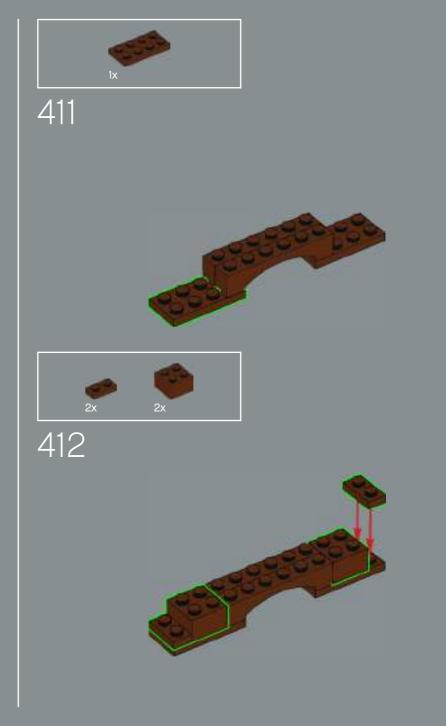


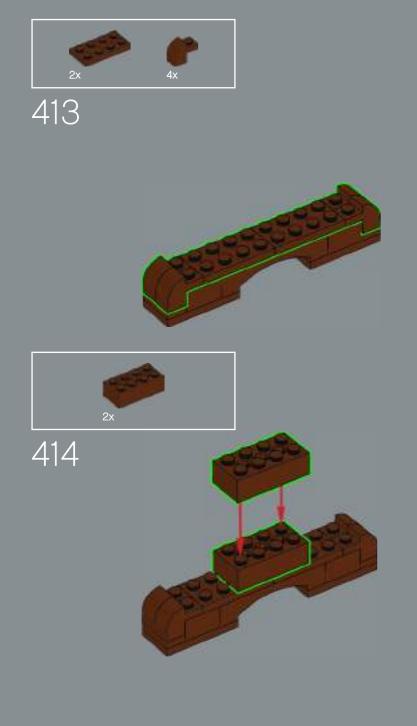


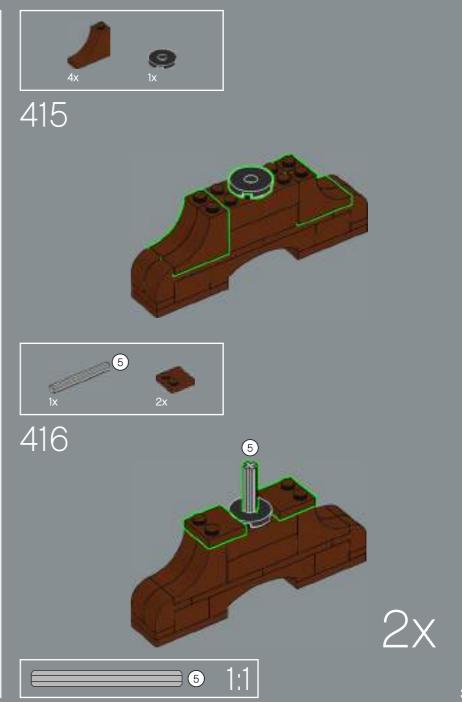


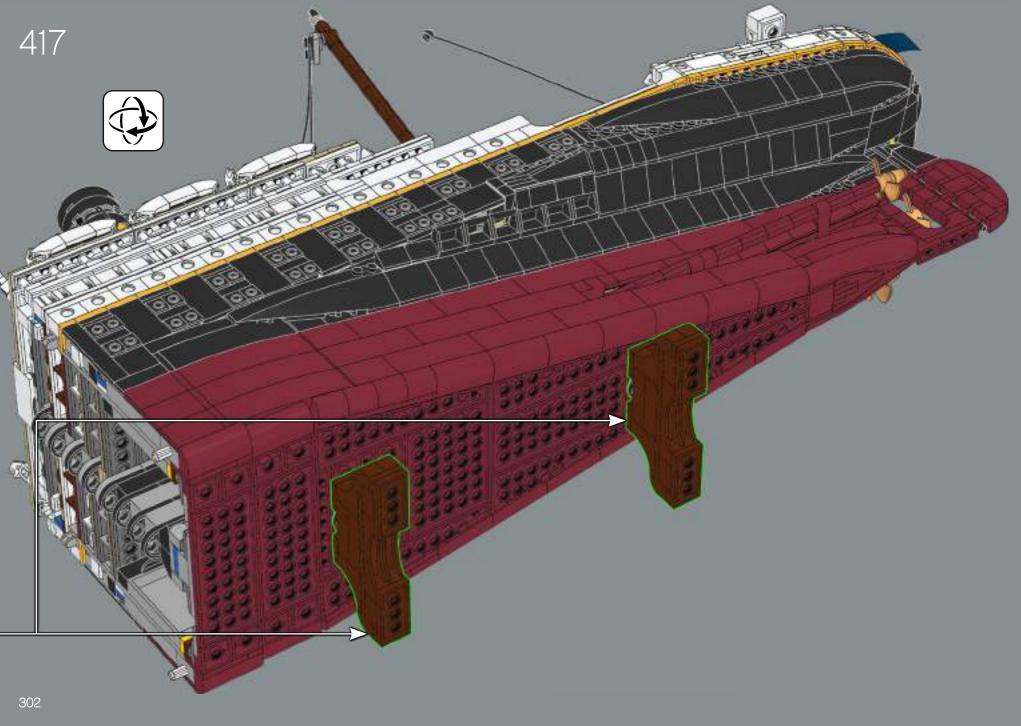


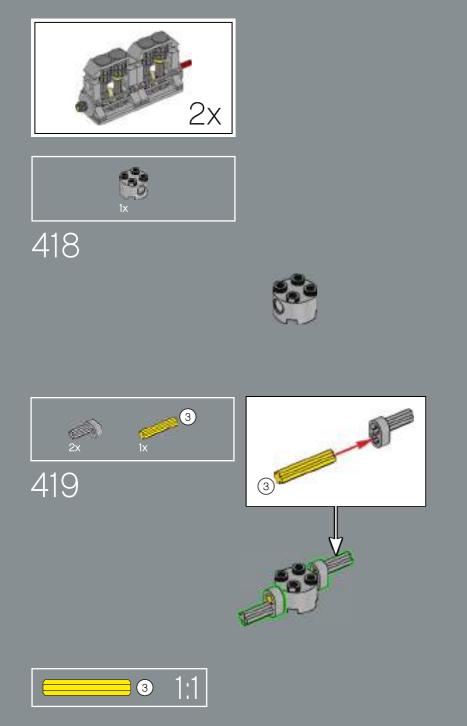




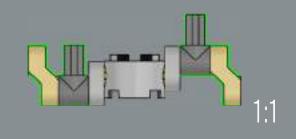




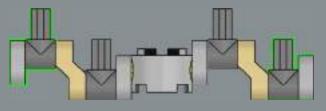












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