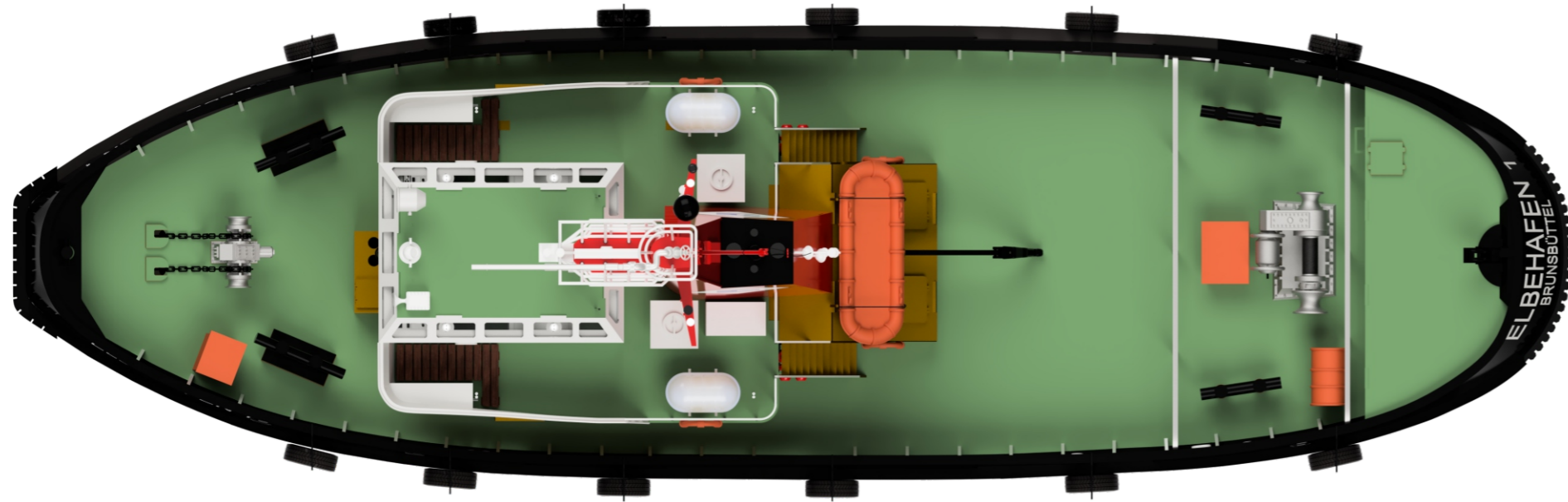




# ELBEHAFEN 1

1:50 Ice Breaking Tugboat



- Black
- Brick Red
- White
- Red
- Leather Brown
- Light Brown
- Light Orange
- Light Grey







# ELBEHAFEN 1

1:50 Ice Breaking Tugboat



Don't use glue



Symetric



Sanding



For sanding



Caution



Make wet

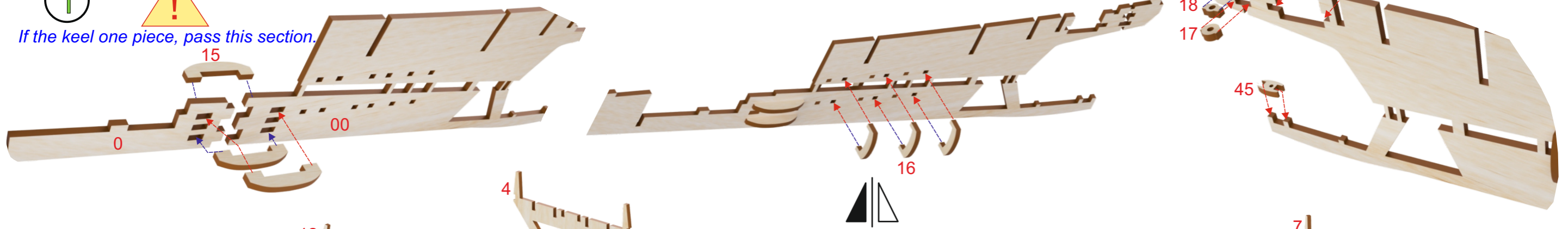


Sensitive Part !

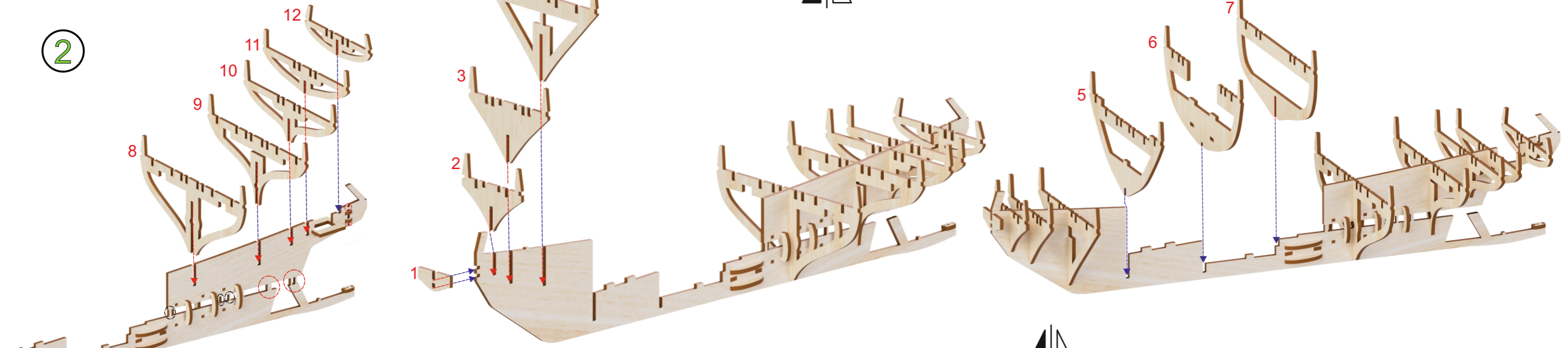
1



If the keel one piece, pass this section.

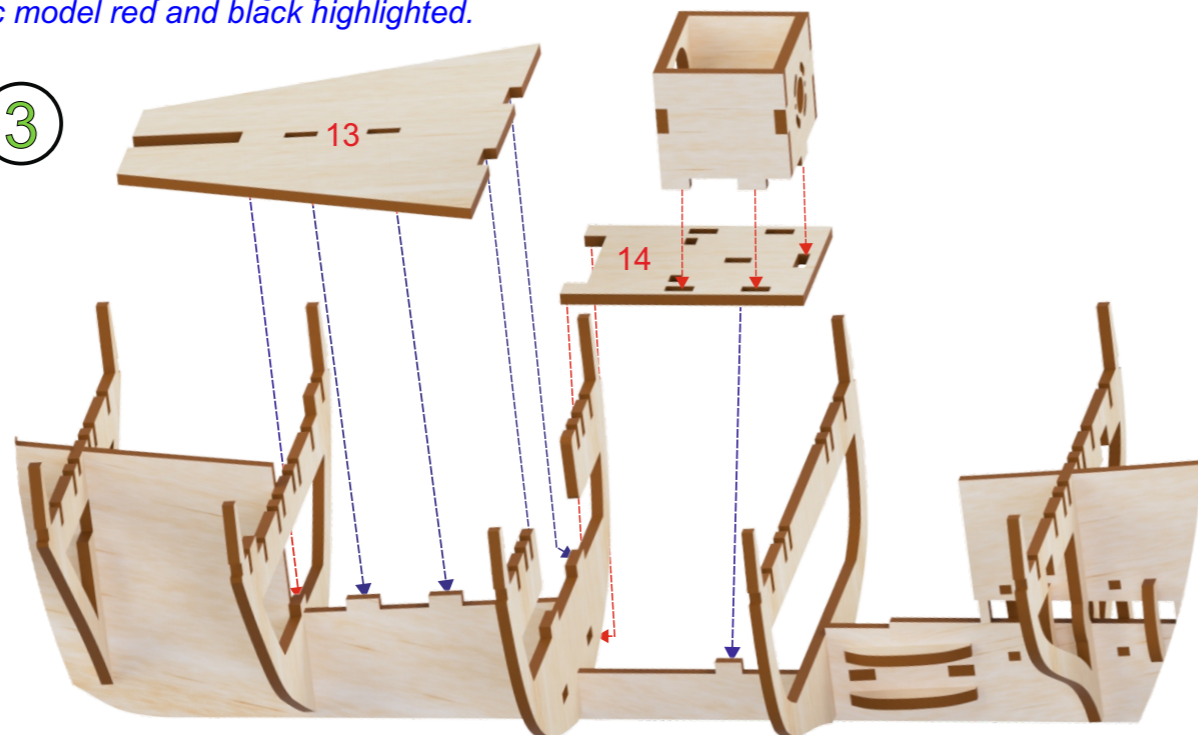


2

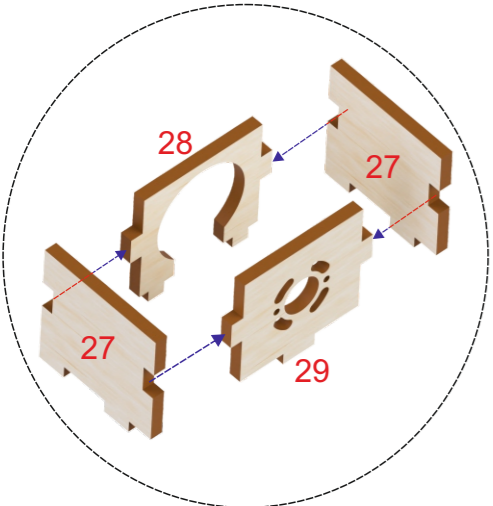
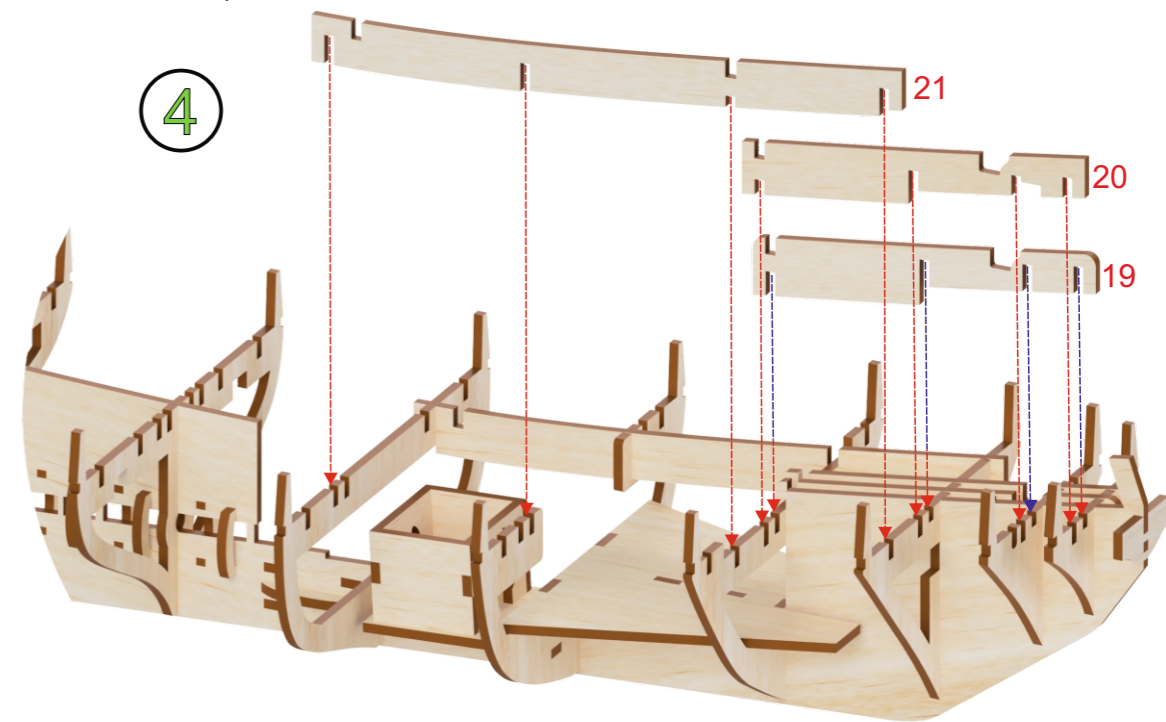


Cut of for static model only red highlighted.  
Cut of for static model red and black highlighted.

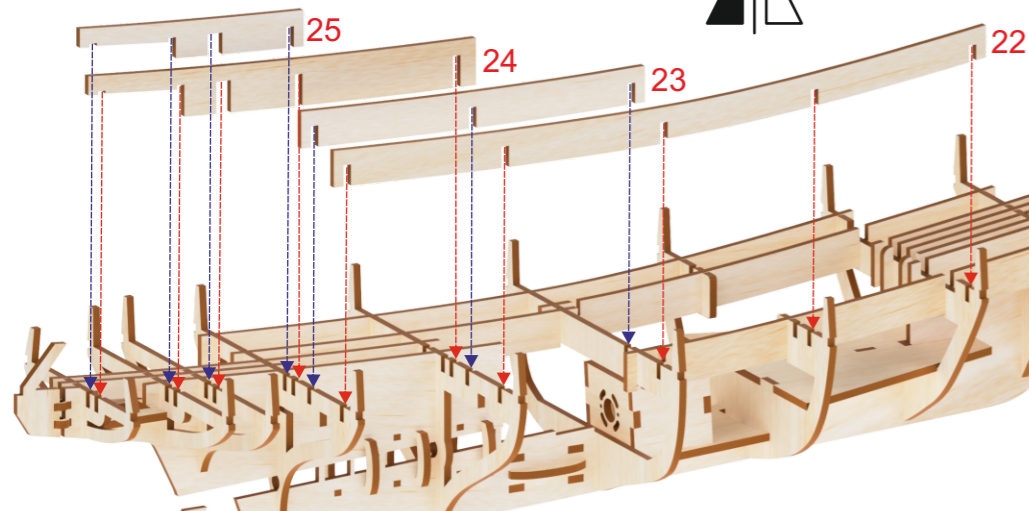
3



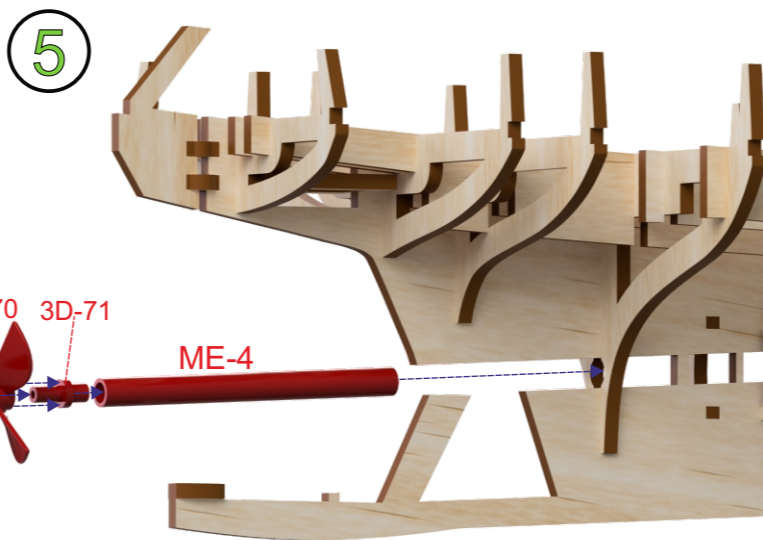
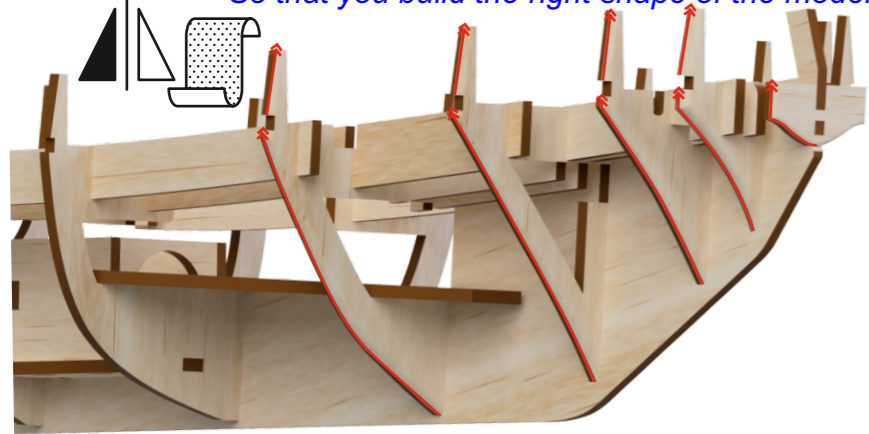
4



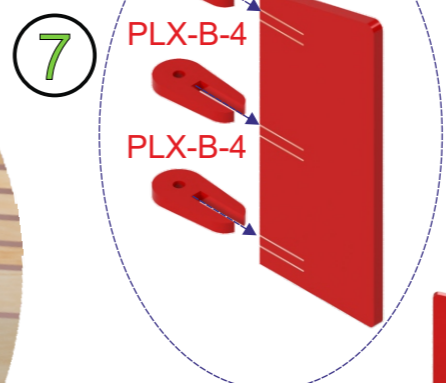
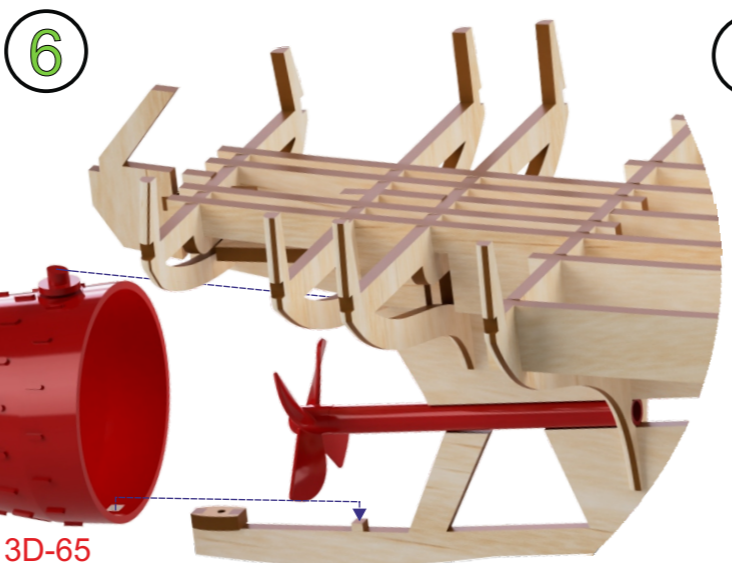
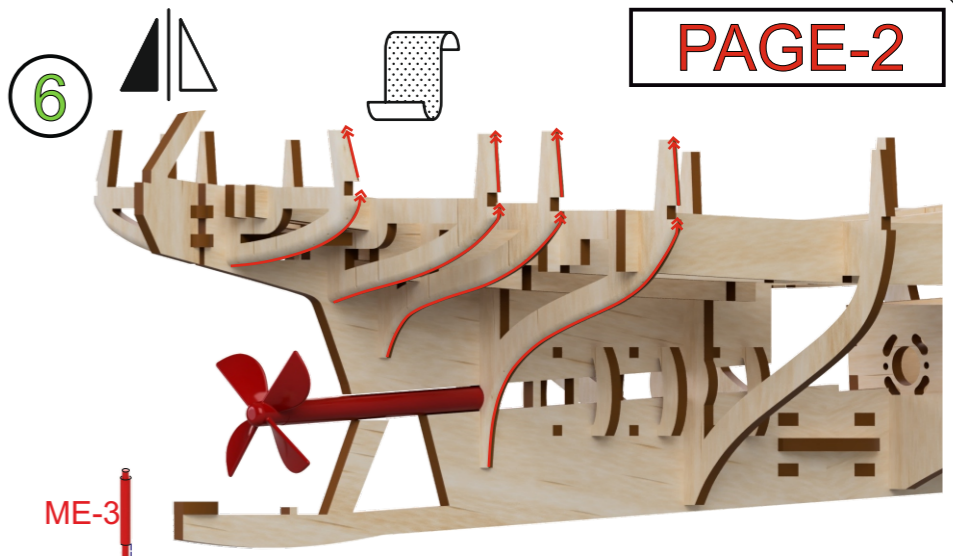




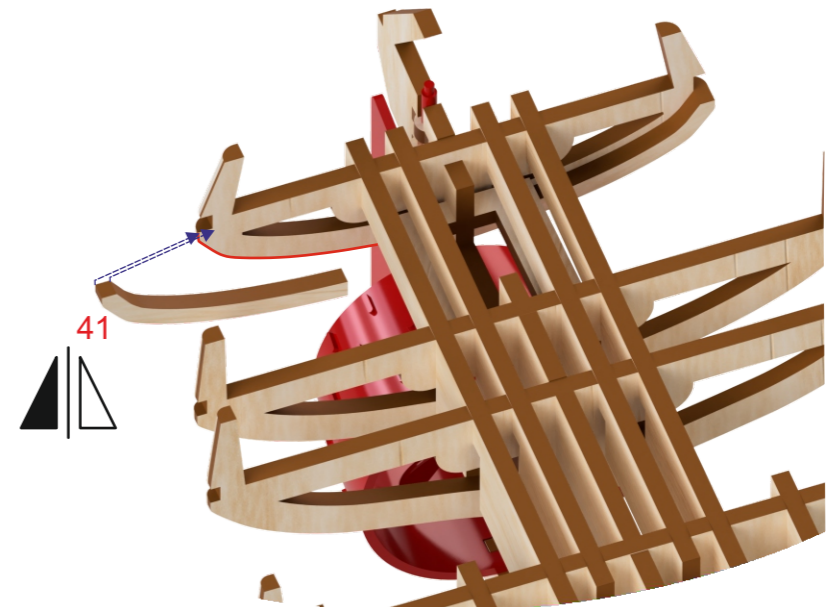
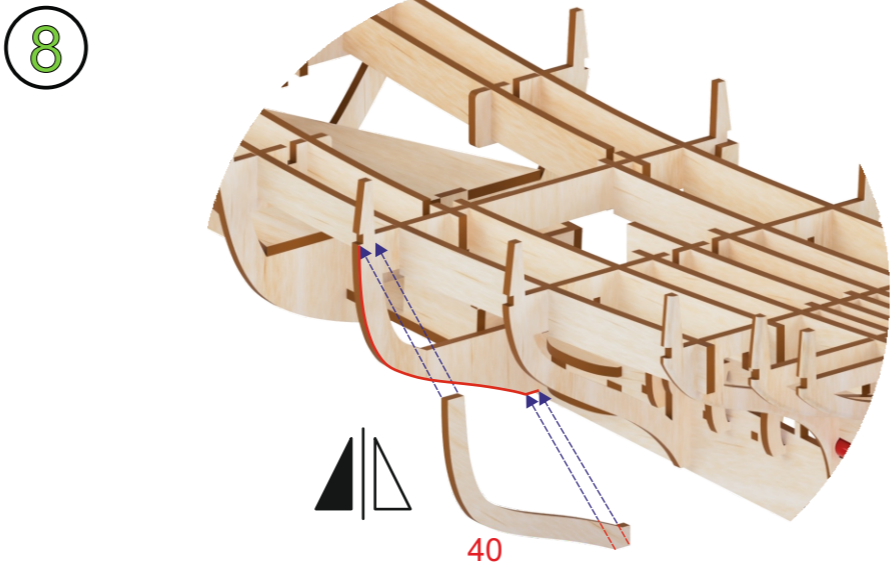
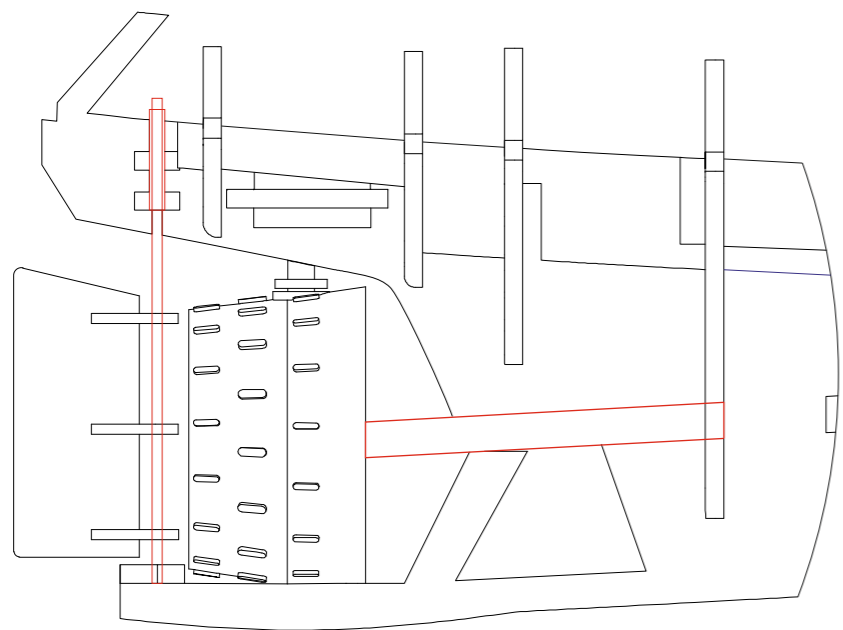
Sand the edge of the frames in right angle to make the strips contact to the frame edges. So that you build the right shape of the model.



The propellor should be able to spin, so only glue 3D-72 to 3D-71 keeping the propellor between them.



Set ME-4 behind No:9 frame.

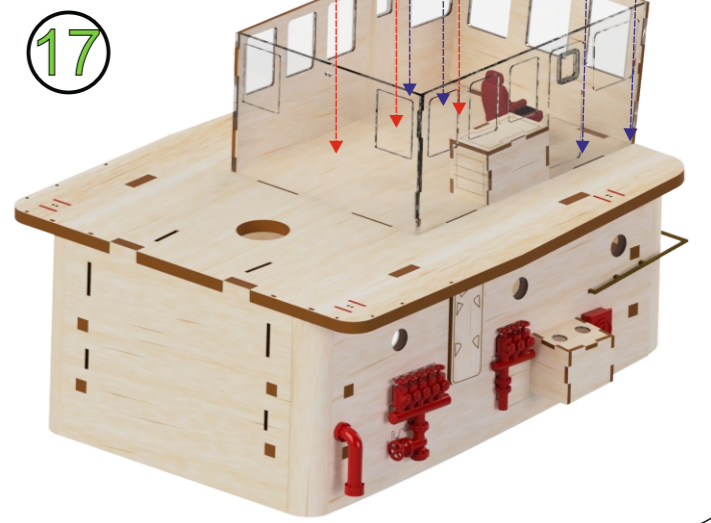
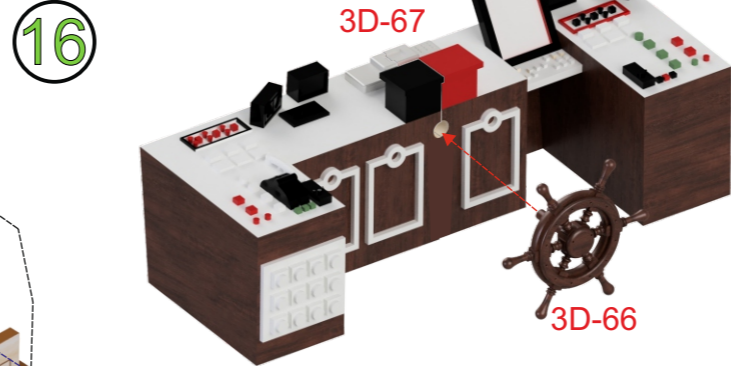
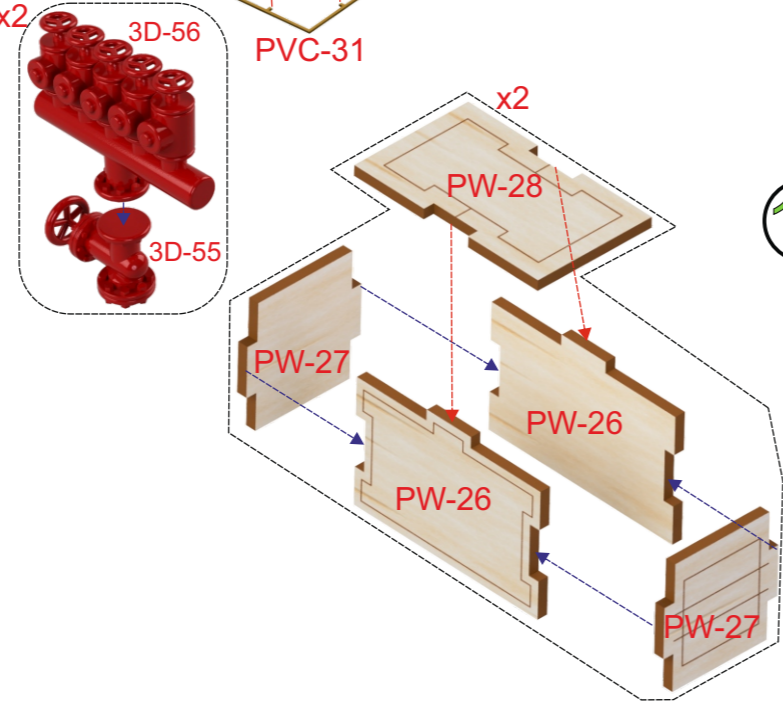
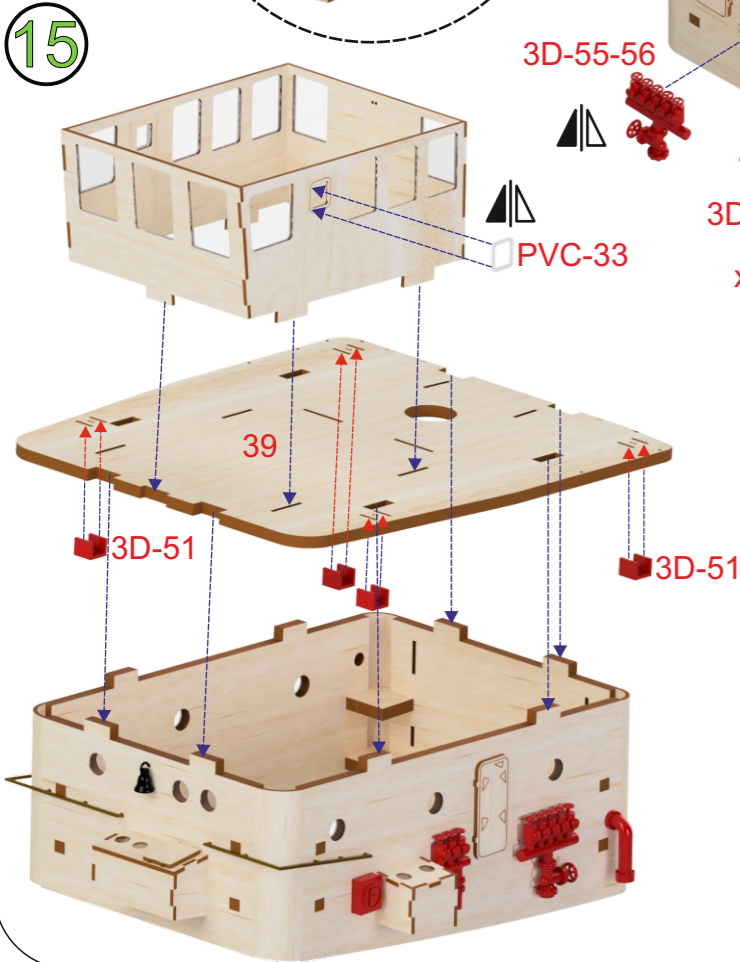
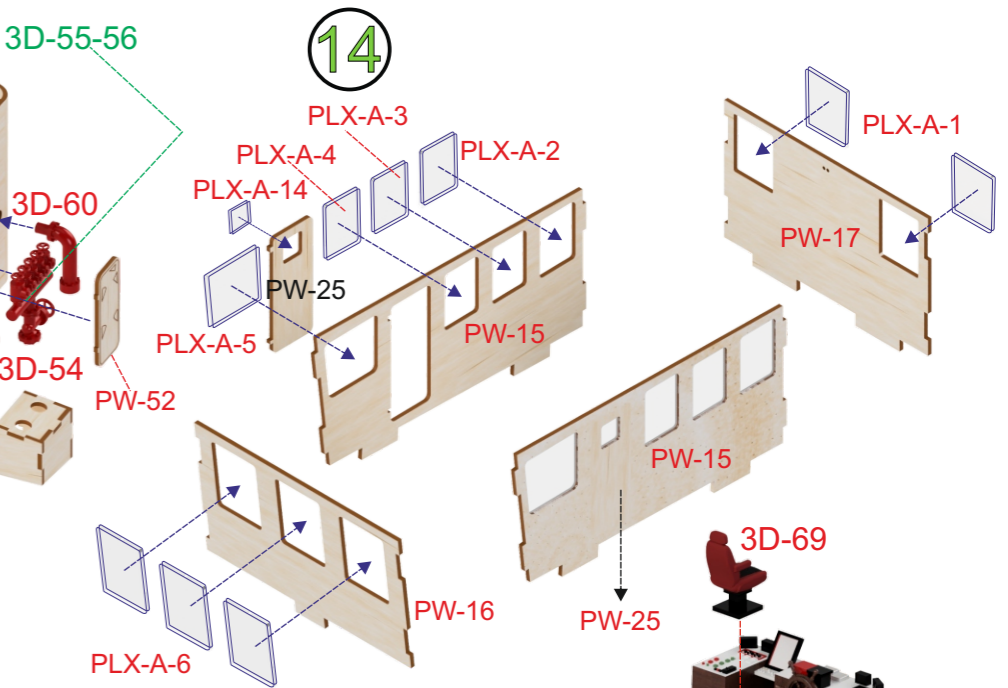
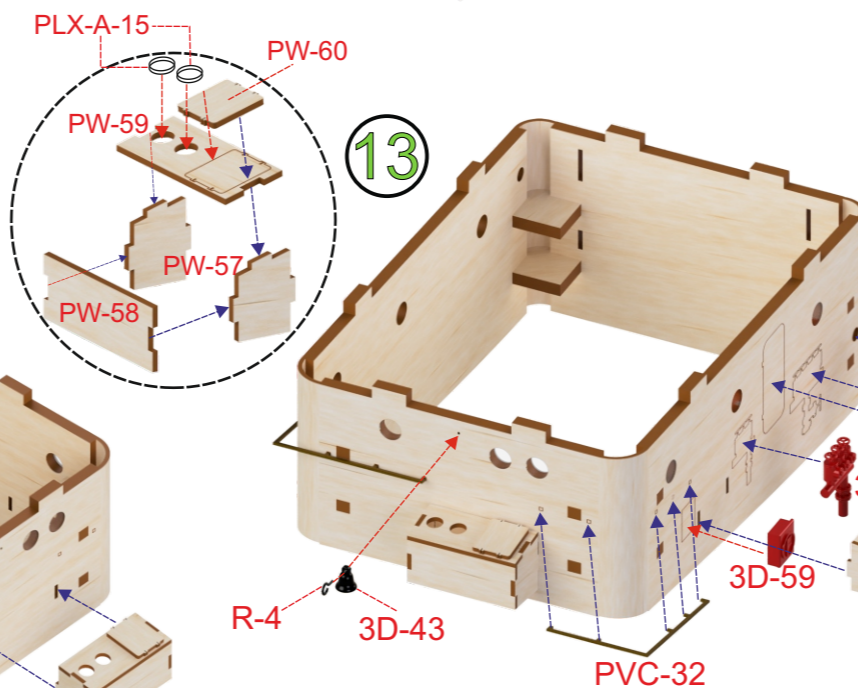
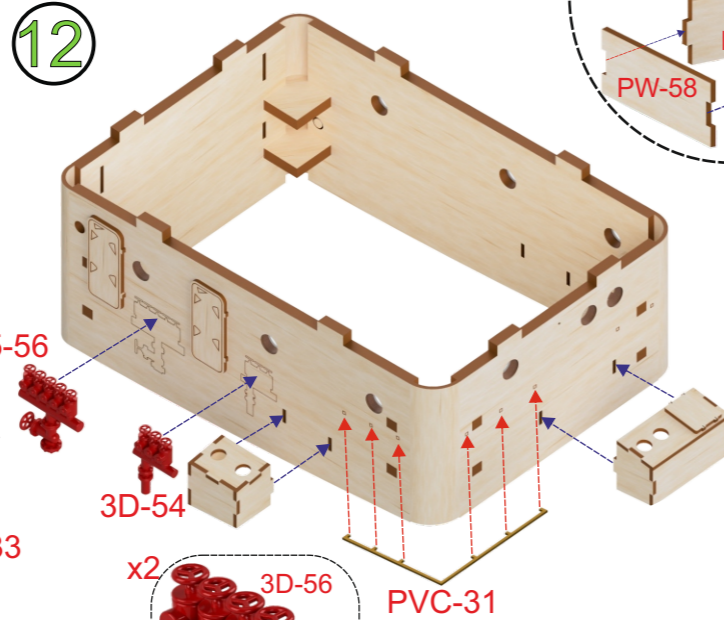
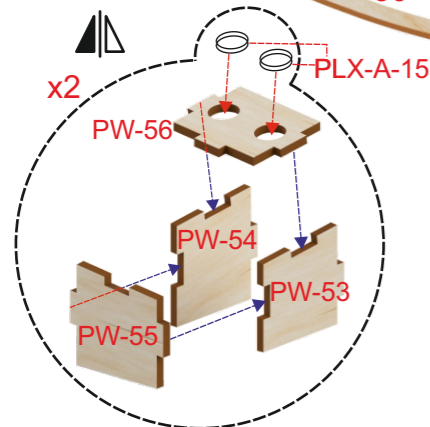
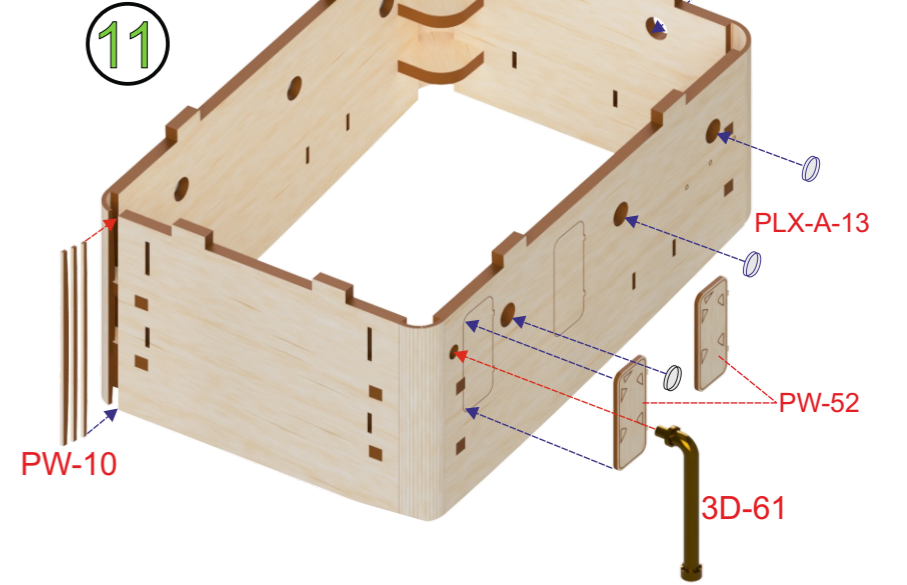
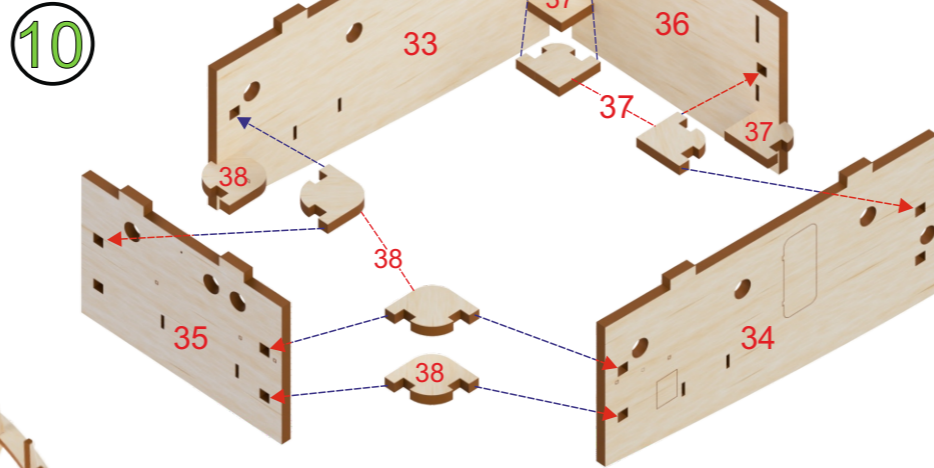
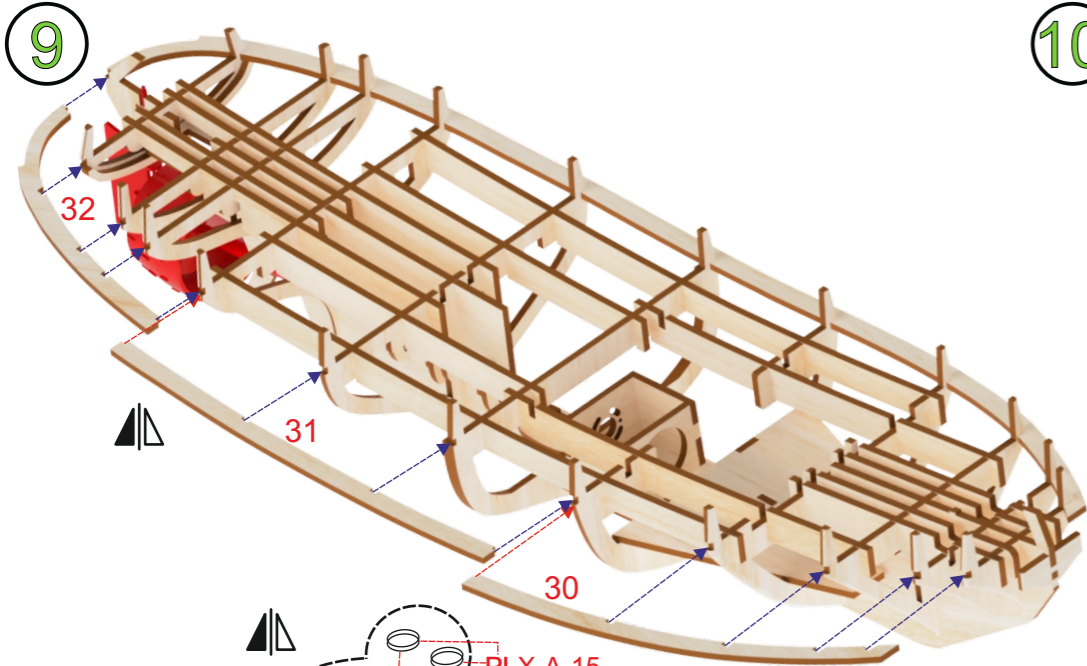






# ELBEHAFEN 1

1:50 Ice Breaking Tugboat



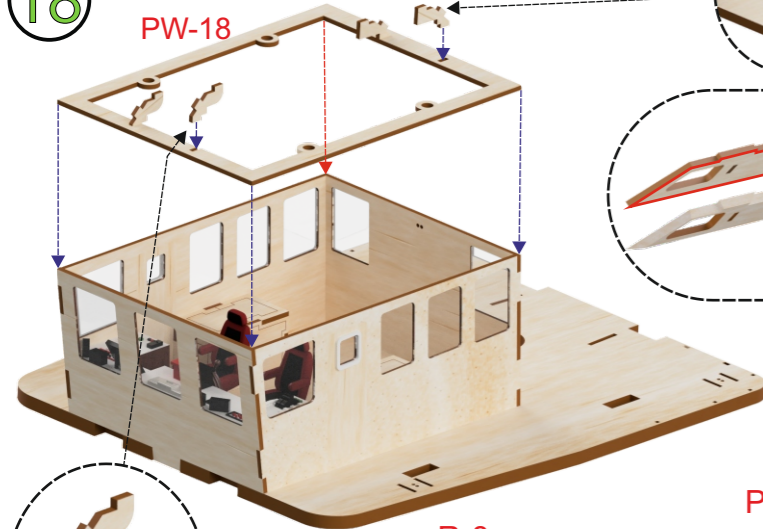




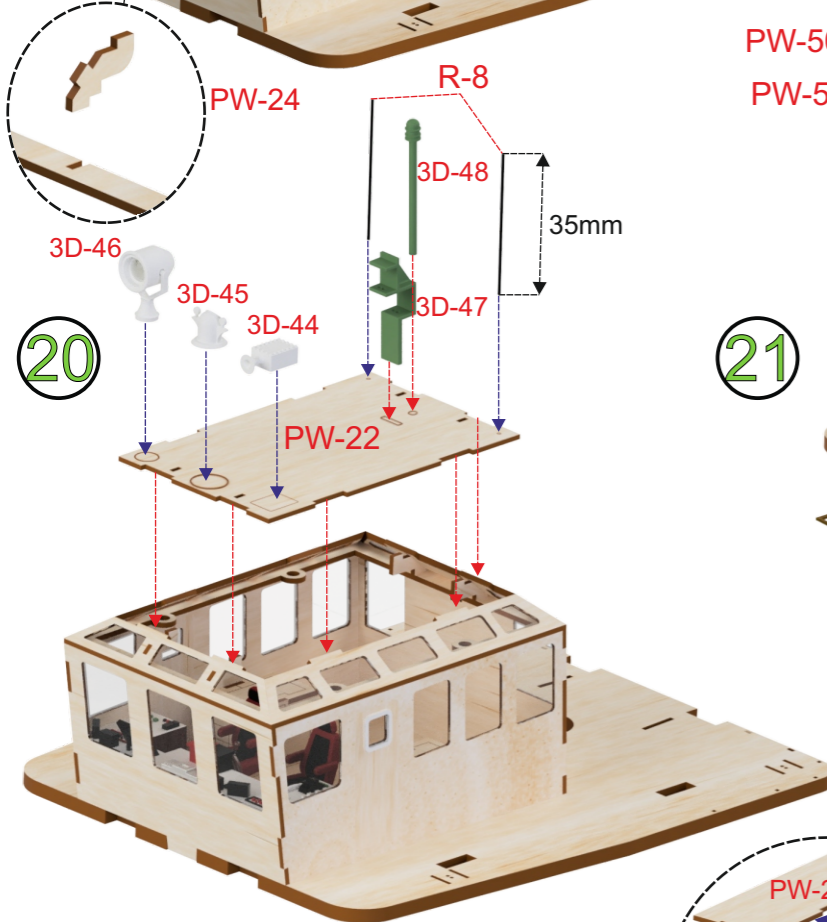
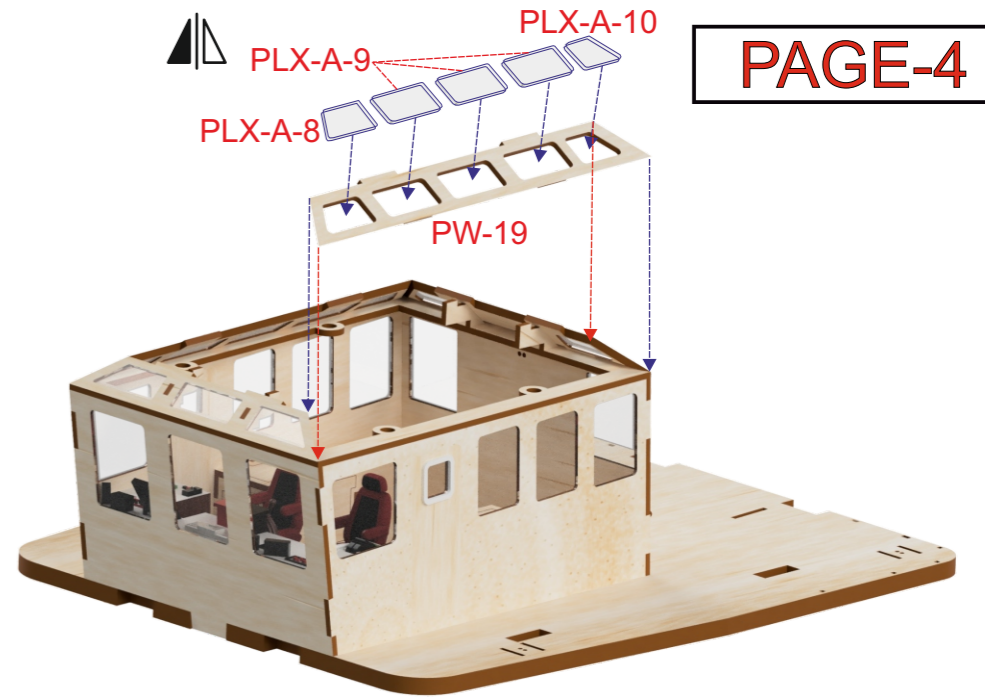
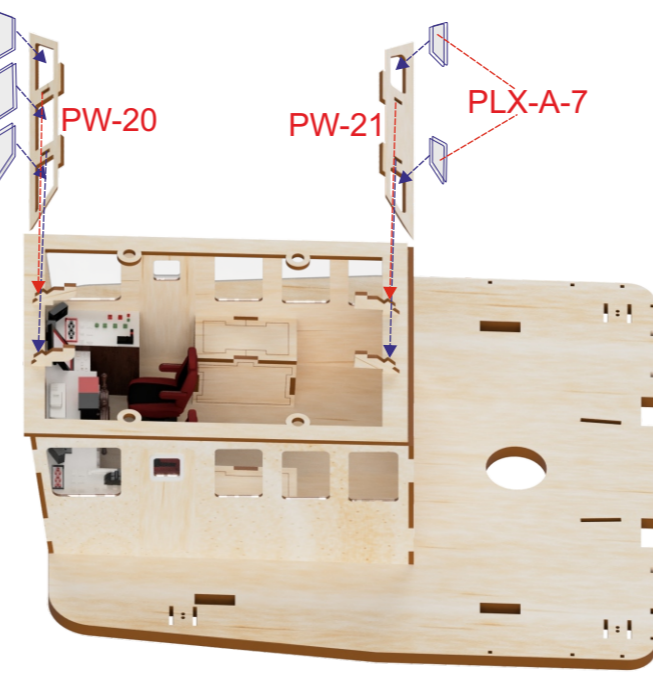
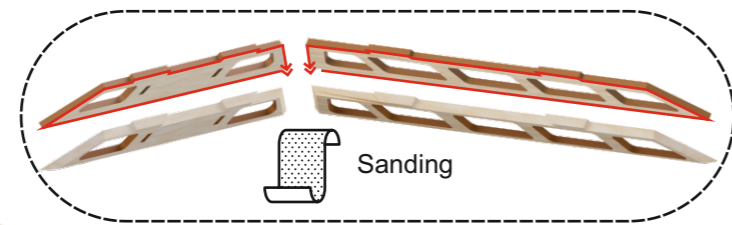
# ELBEHAFEN 1

1:50 Ice Breaking Tugboat

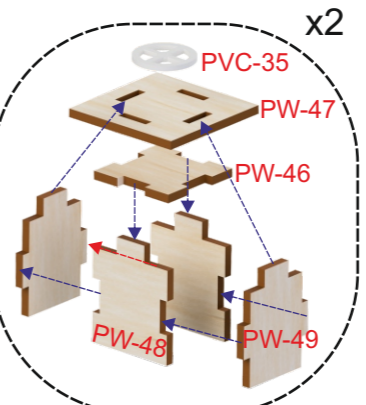
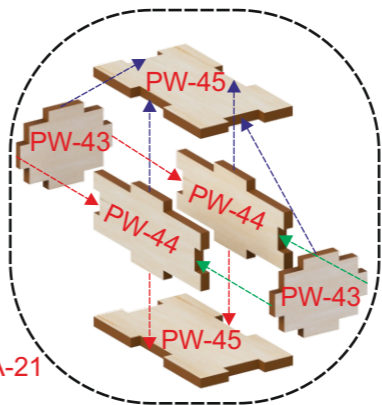
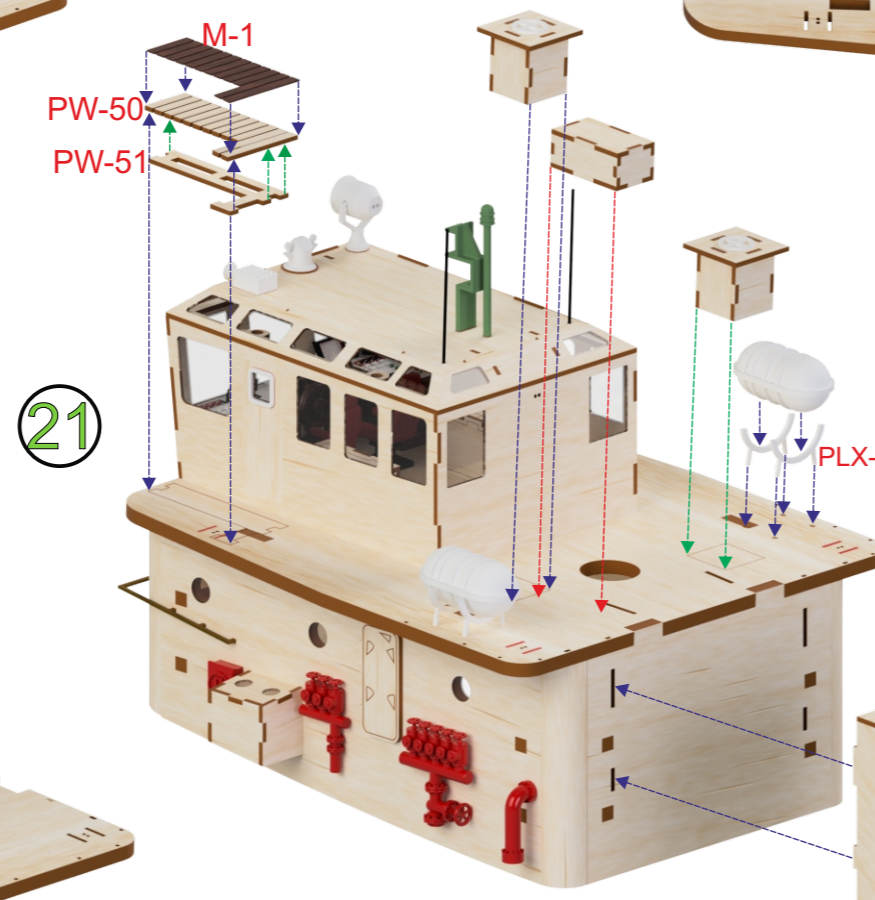
18



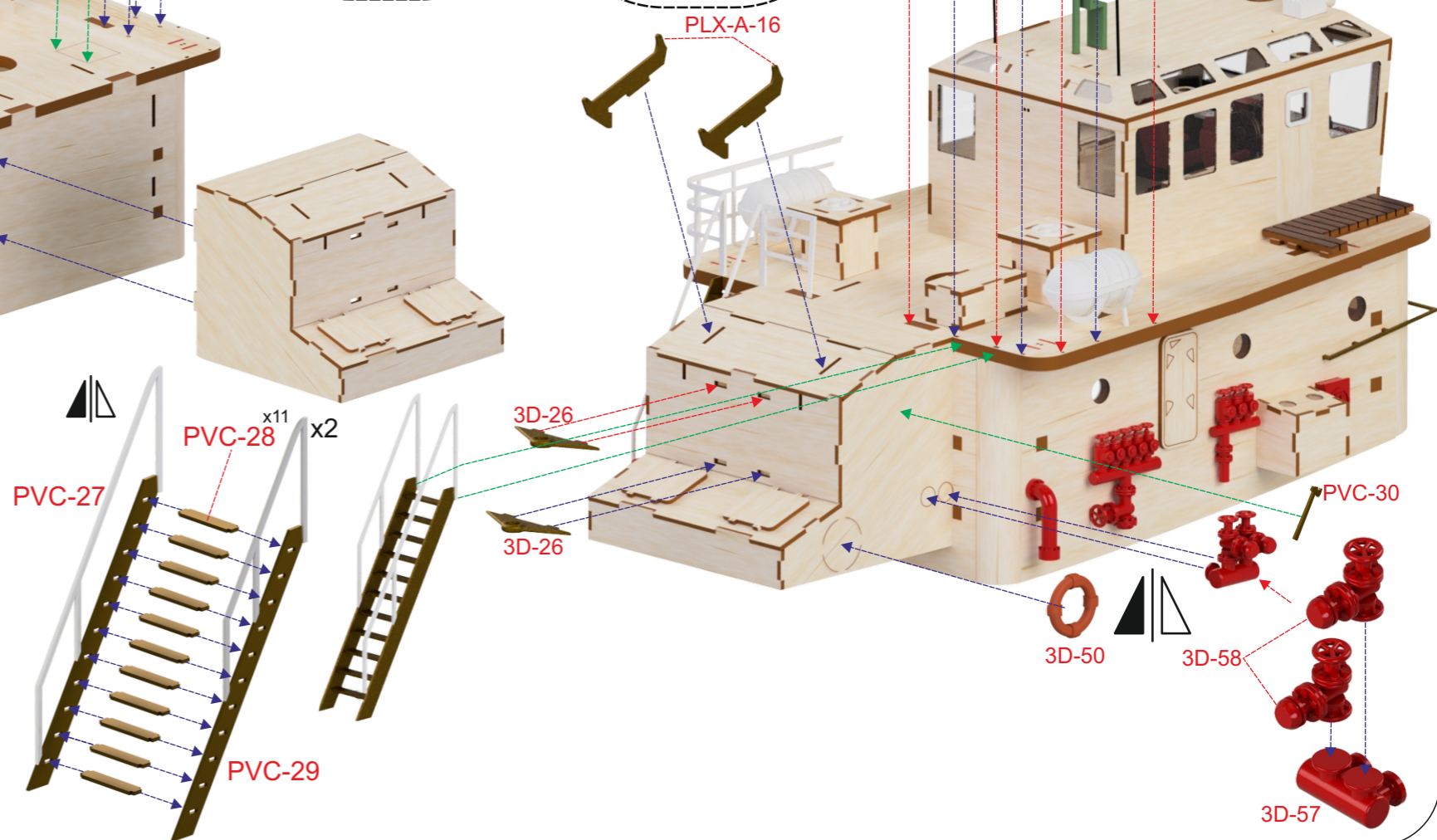
19



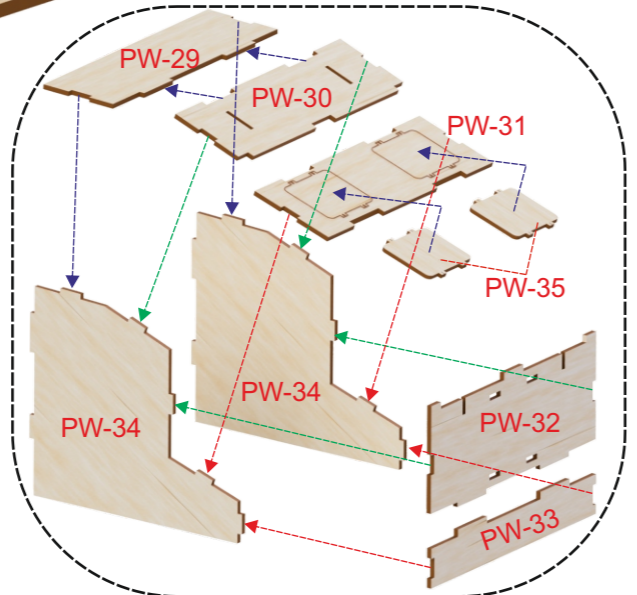
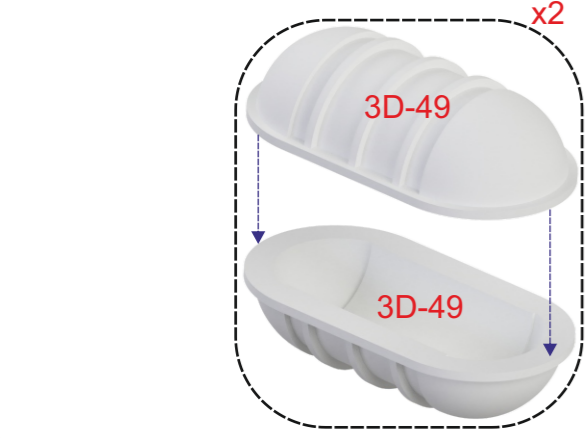
21



22



20

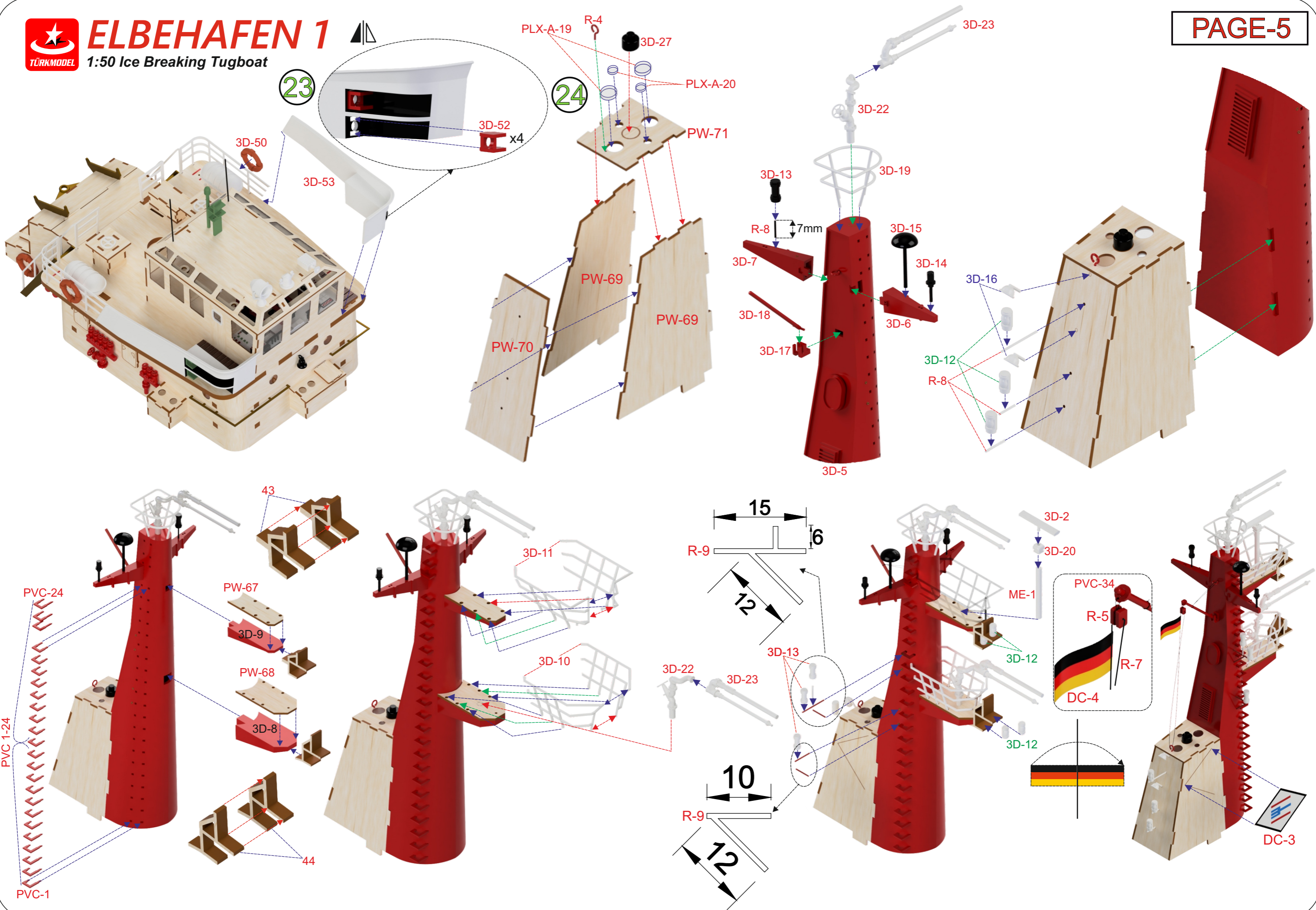






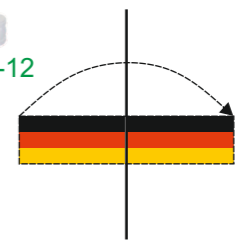
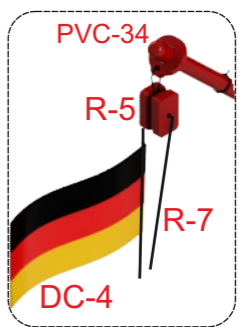
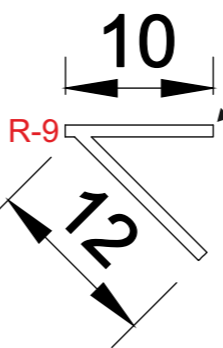
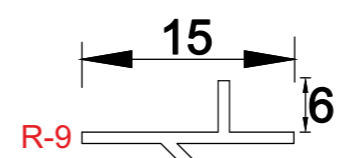
# ELBEHAFEN 1

1:50 Ice Breaking Tugboat



23

24





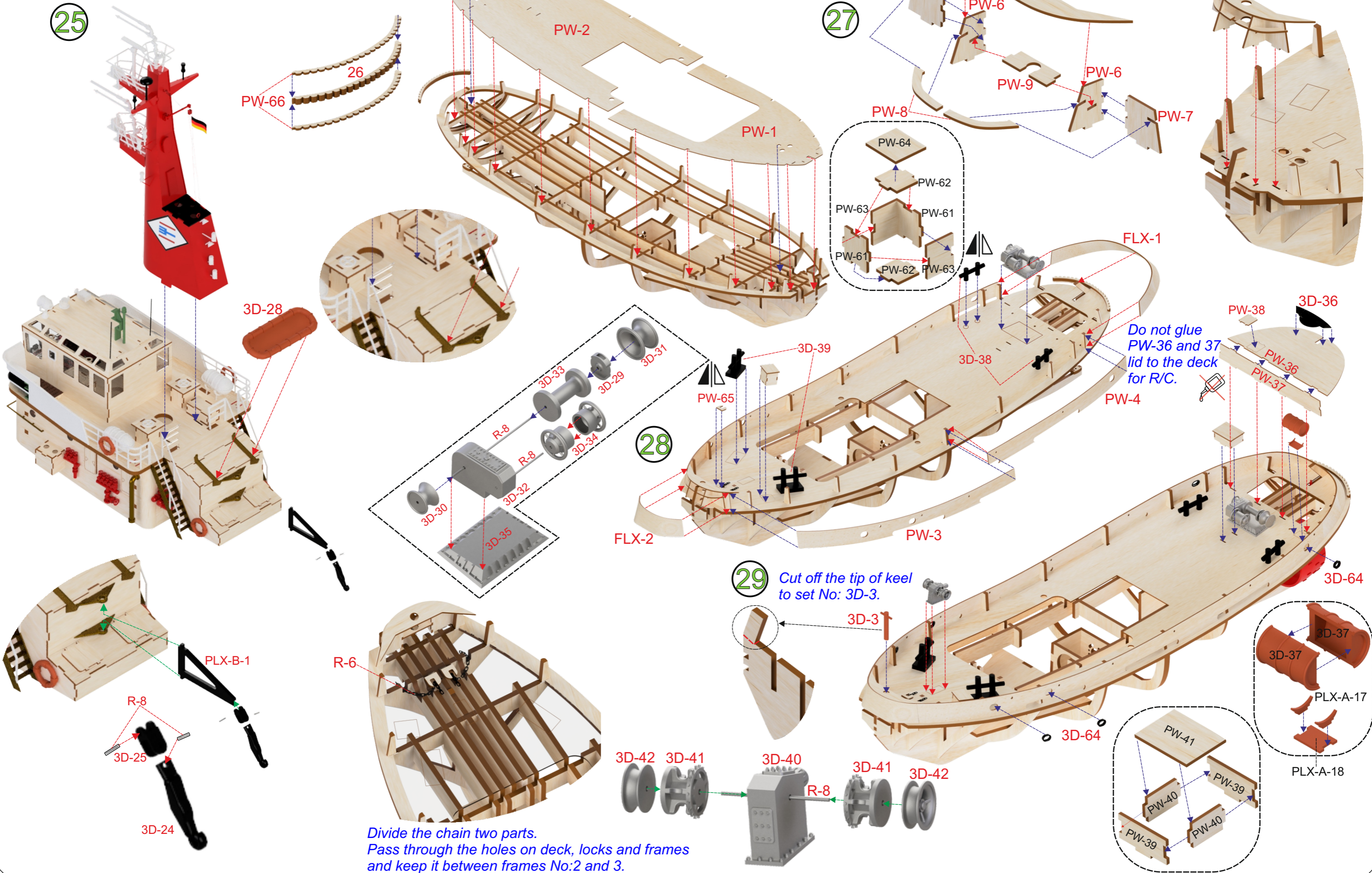
25

26

27

28

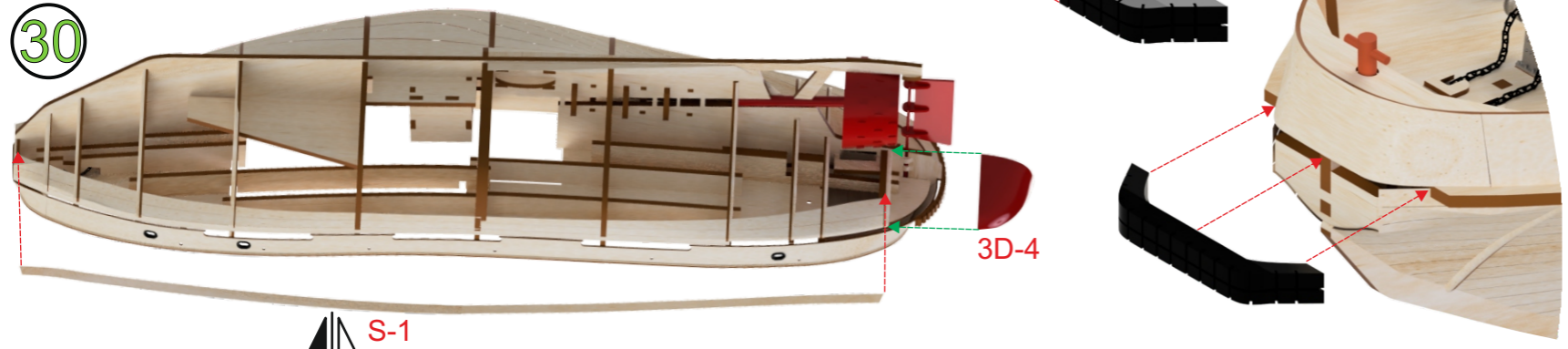
29



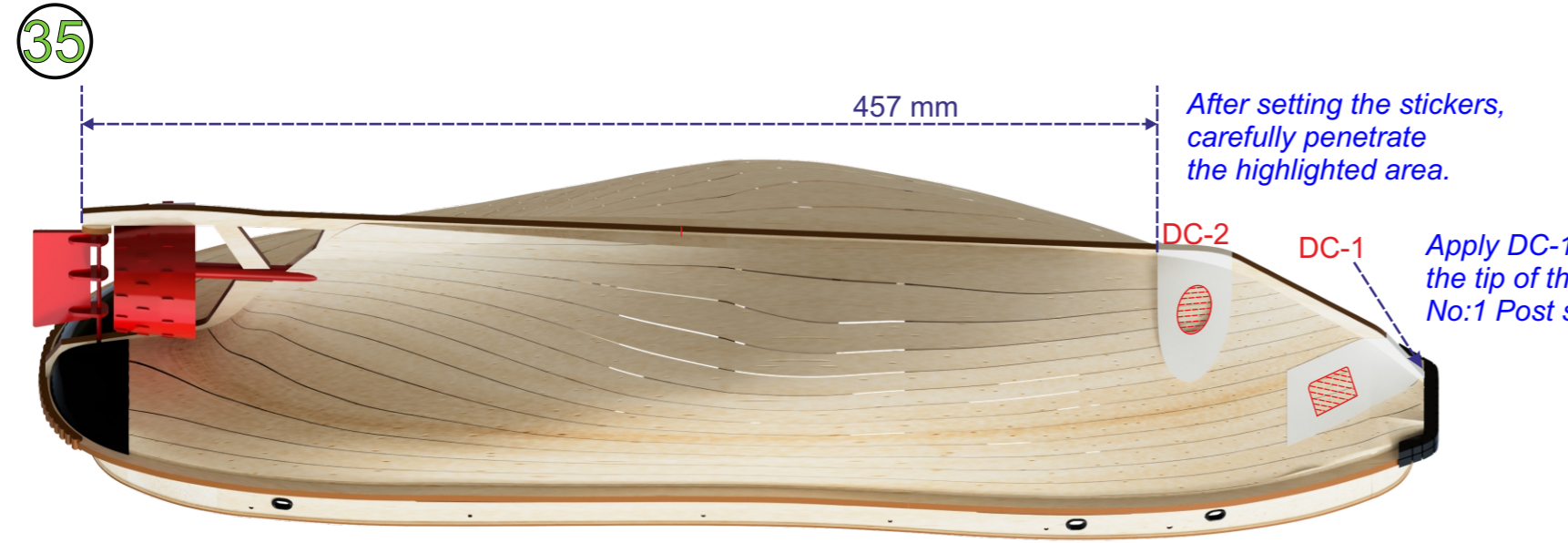
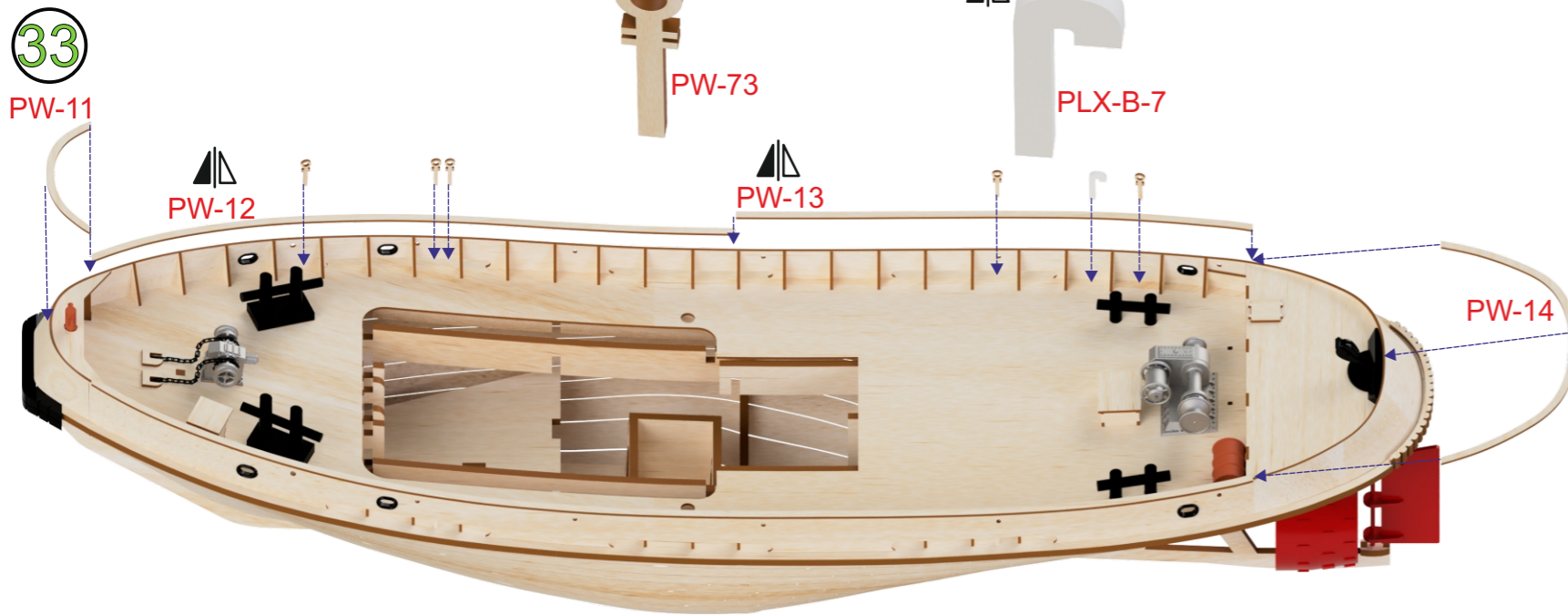
Do not glue  
PW-36 and 37  
lid to the deck  
for R/C.

Cut off the tip of keel  
to set No: 3D-3.



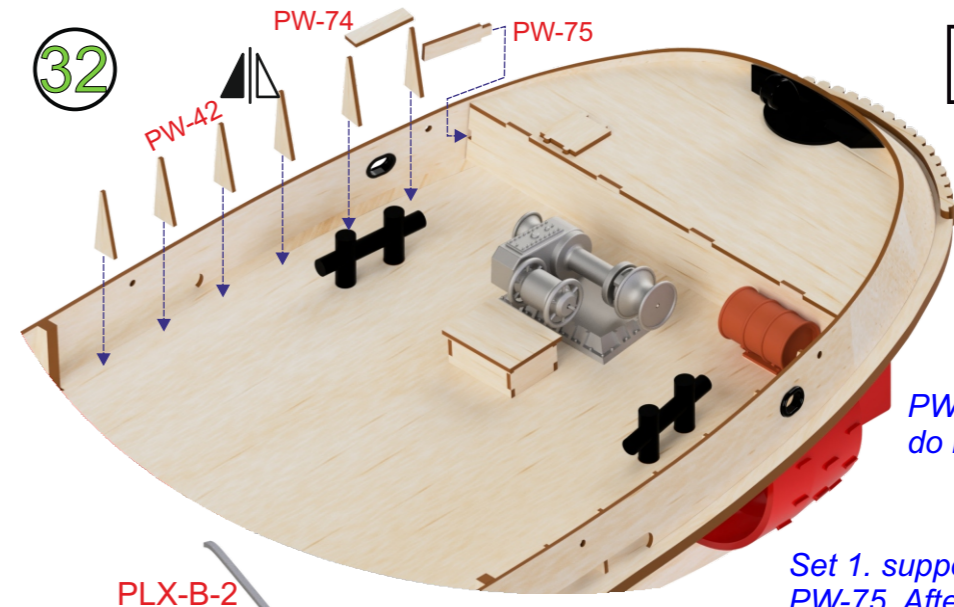


*Make wet the cover strips and start the cover from front tip. Each time cover one strip on every side to keep the keel flat.*



*After setting the stickers, carefully penetrate the highlighted area.*

*Apply DC-1 exactly the tip of the hull where No:1 Post starts.*

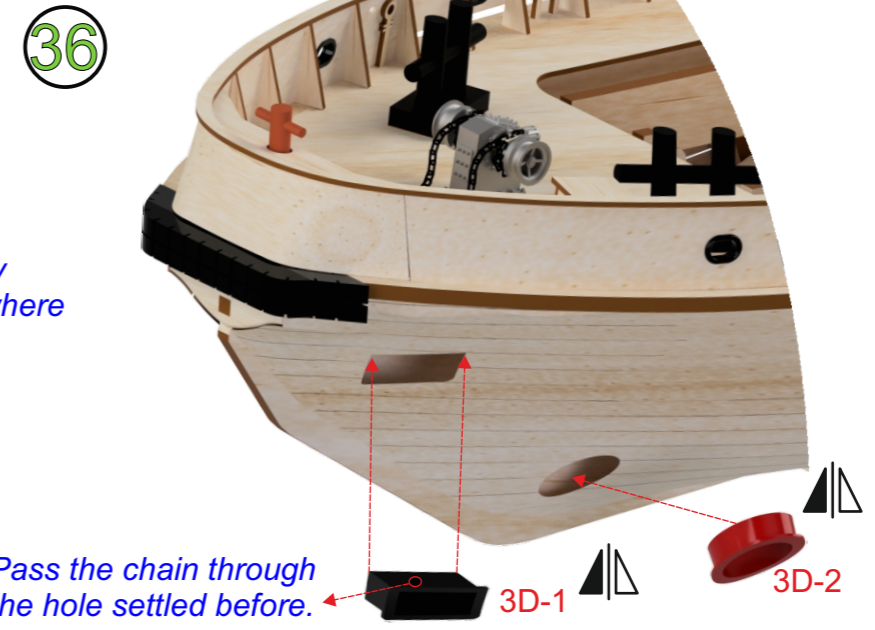
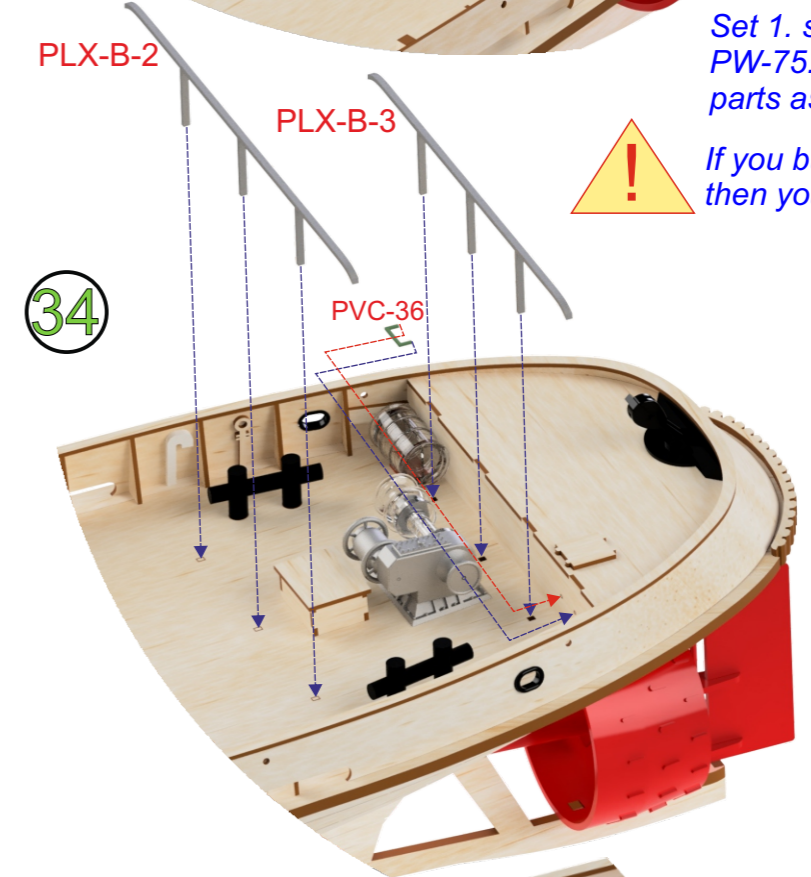


*Do not glue PW-75, stick it only.*

*PW-74 is reference only, do not glue.*

*Set 1. support as pressing PW-75. After that, glue PW-42 parts as taking a reference PW-74.*

*If you build static model, then you can glue.*



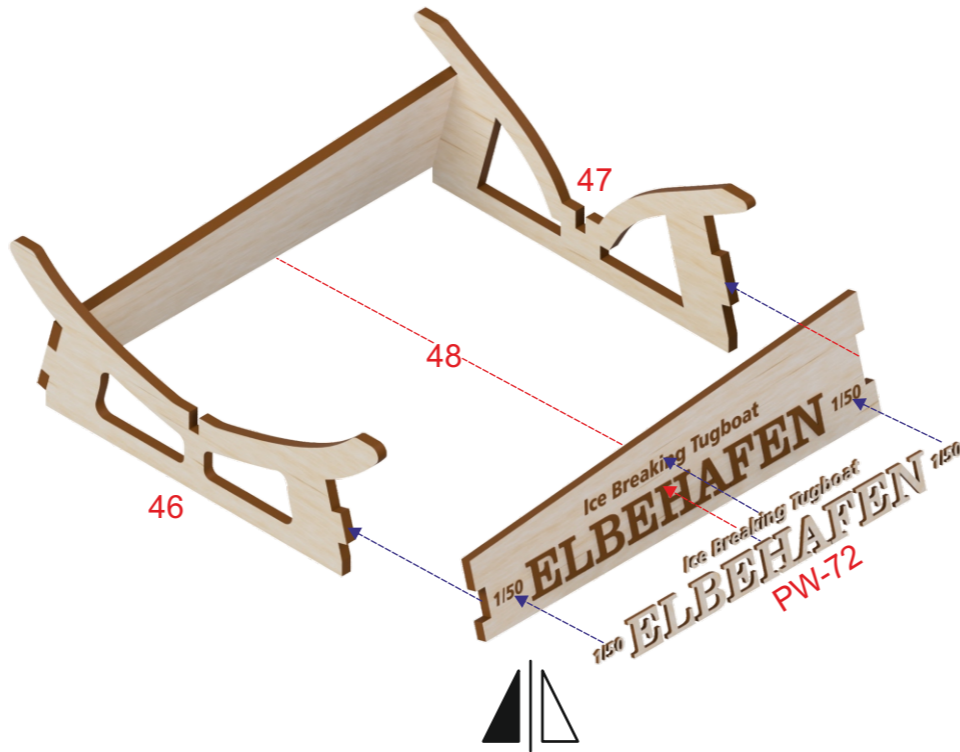
*Pass the chain through the hole settled before.*



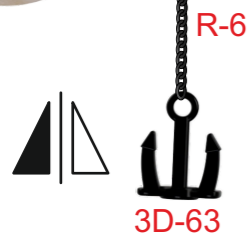
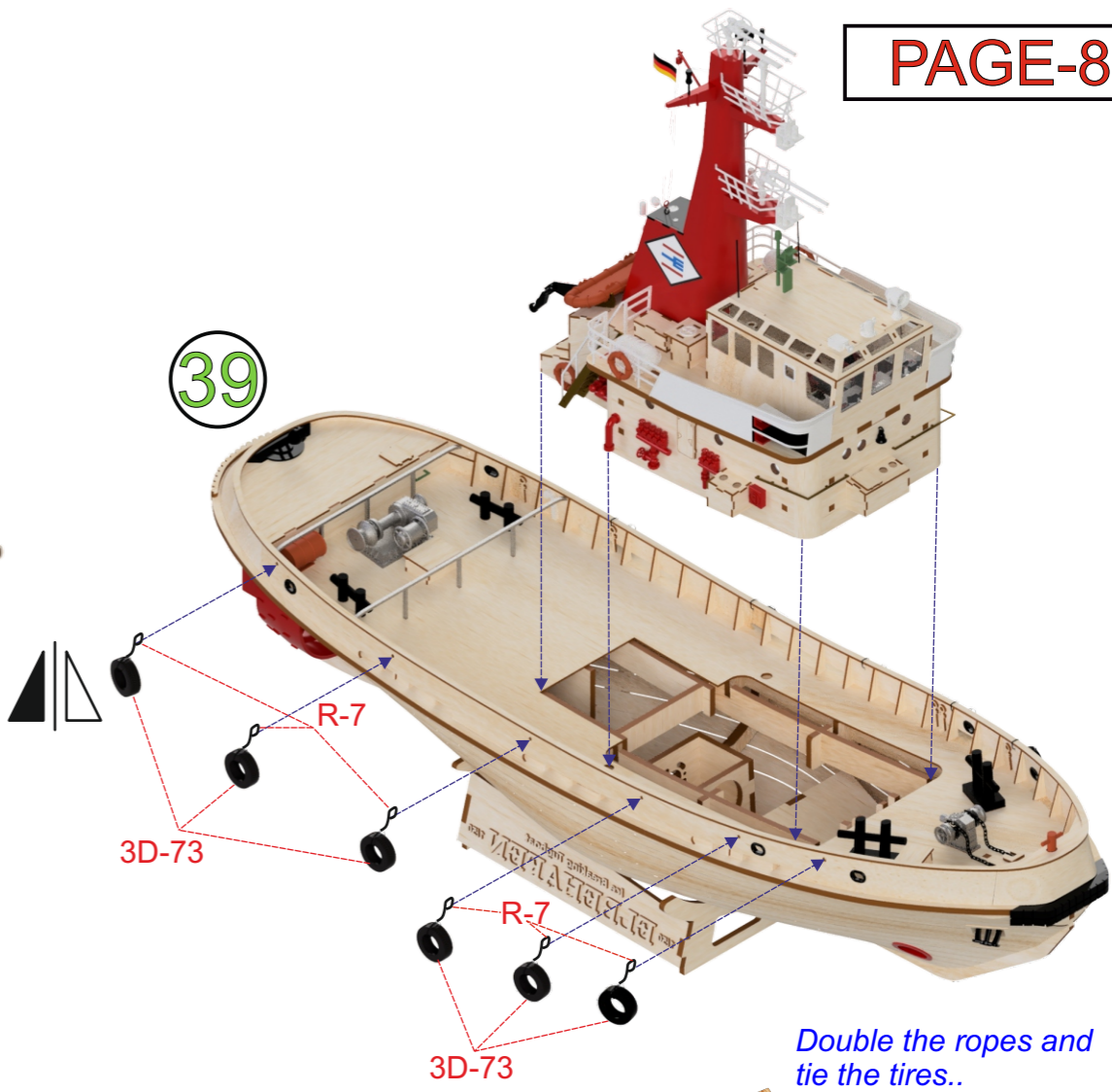
37



38

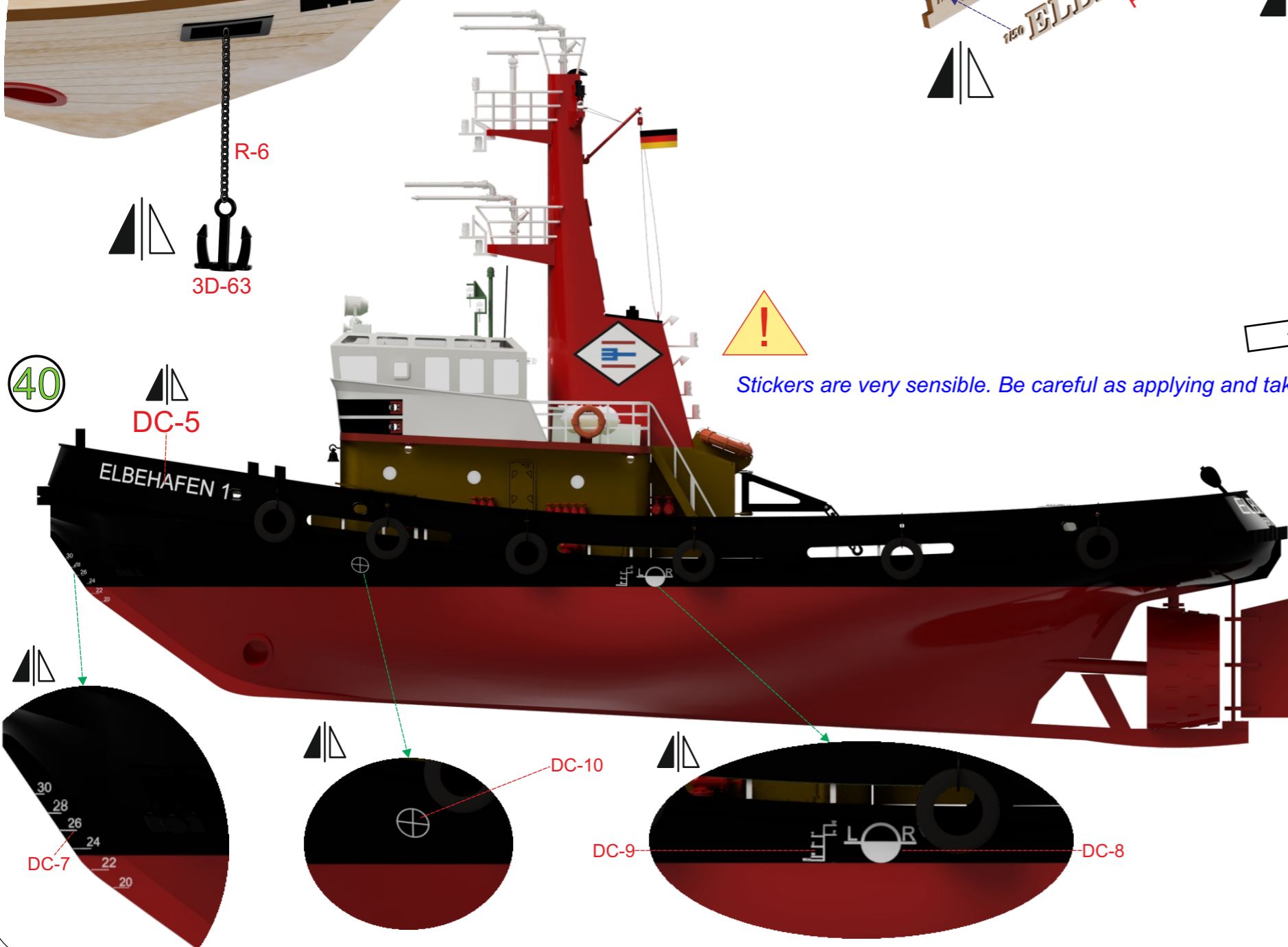


39



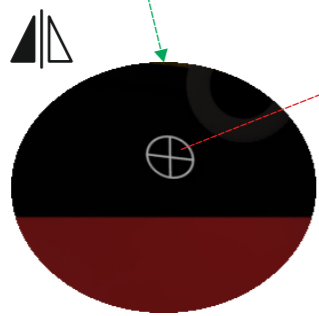
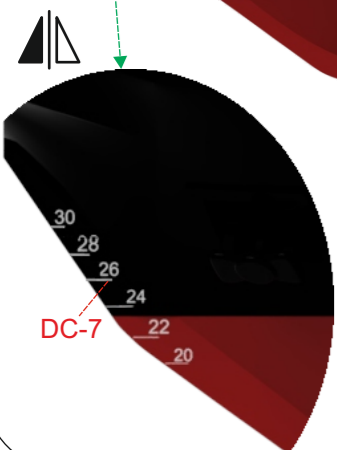
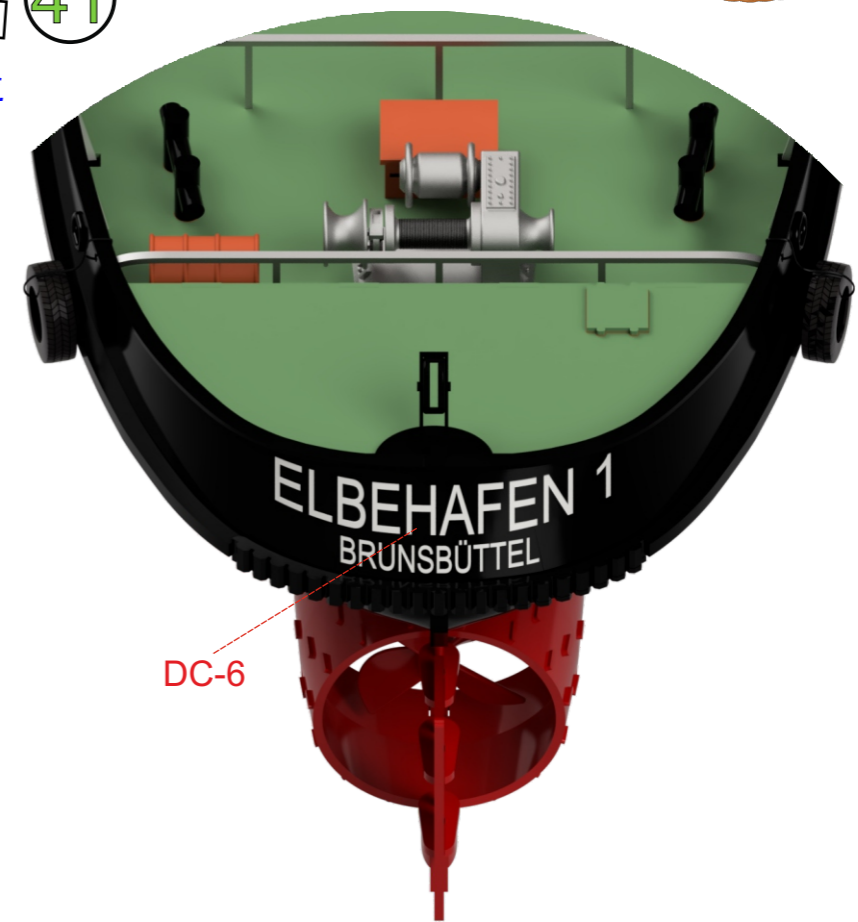
Double the ropes and tie the tires..

40



Stickers are very sensible. Be careful as applying and taking off.

41

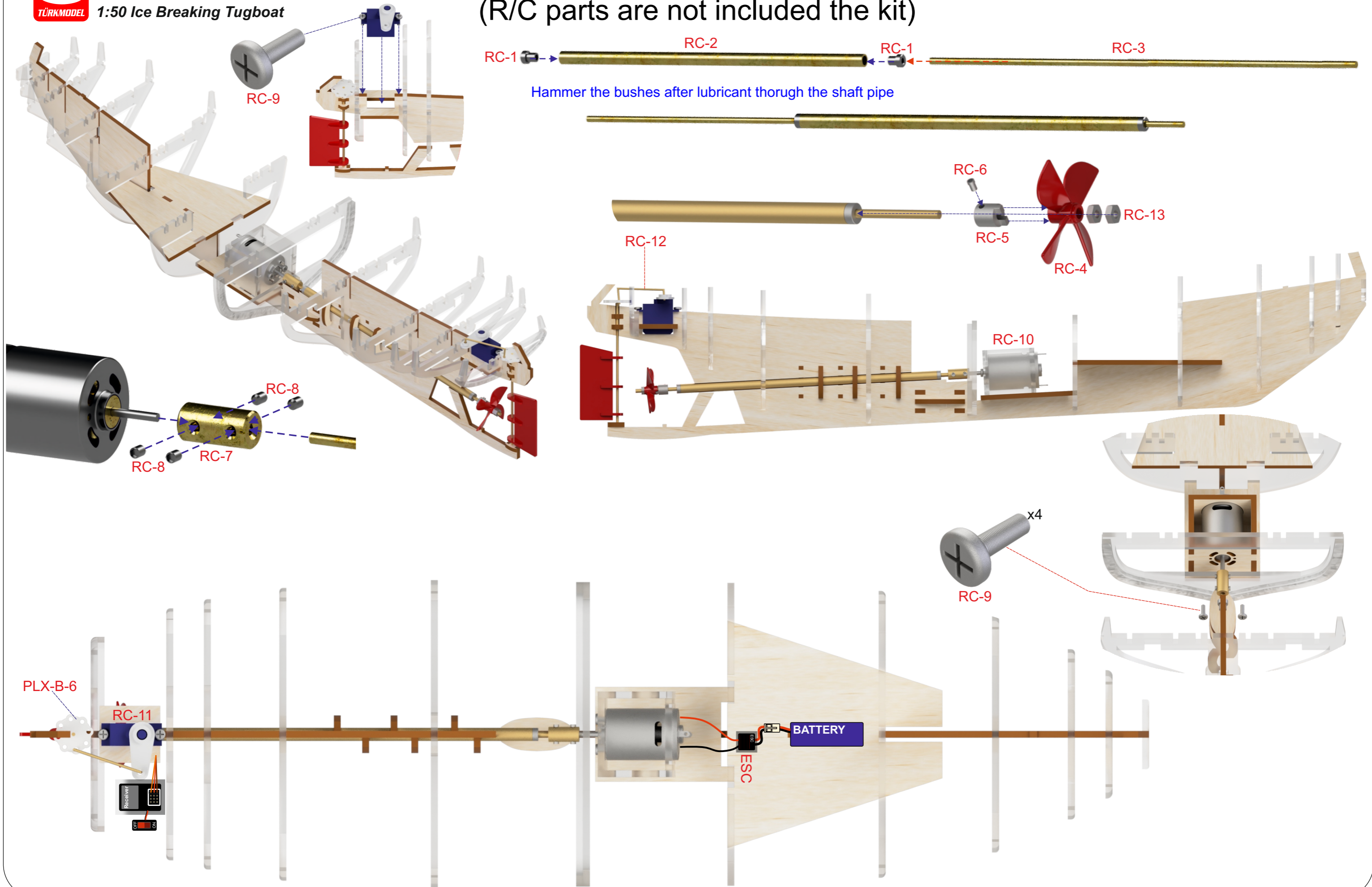


DC-8



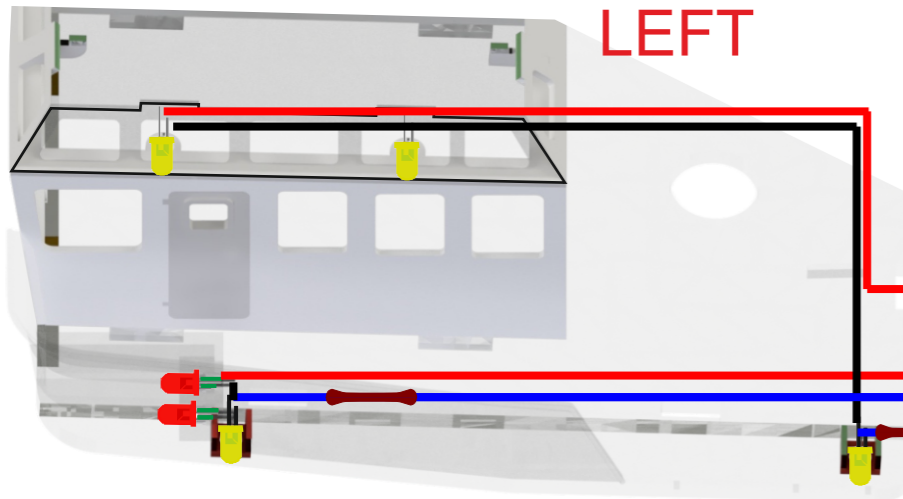
# R/C SET-UP

(R/C parts are not included the kit)

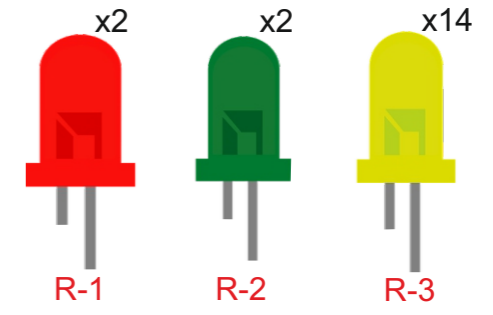
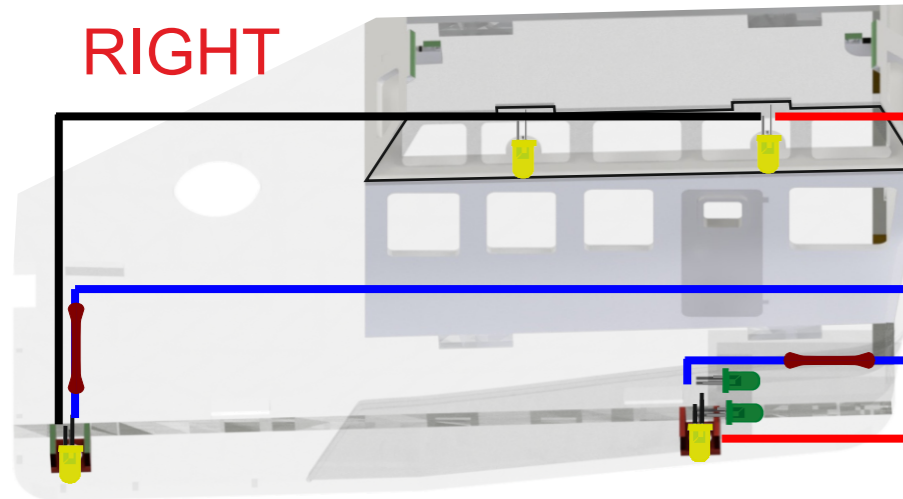




LEFT



RIGHT



## LED SET-UP

You will find out how to set lights up in this page. The first rule is each 3 leds connected serial. So, the light sets exist bunch of 3 serials in every deck. Cooper cable is isolated, so when you set it, sand or fire the tips to unisolate. The tip of the resistance is unimportant. Any tip can be connected to the serial leds.

Wherever you would like to put a led, penetrate 3 mm the led platform and place the led into. Then glue the led there but do not use over the glue, just tiny.

Test the leds on every stage If they work properly. If the leds are blinking, the energy source's amper is not enough. If there is no light at all, then check cables these might not be unisolated well or disconnected.

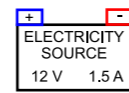
Connect the cables and the other components soldering. If you are not expert on soldering, get and support from an expert.

Though the cooper wire is unisolated, it might lose its feature by the time. If they are cross anywhere, put a small separator to keep it away from short circuit.

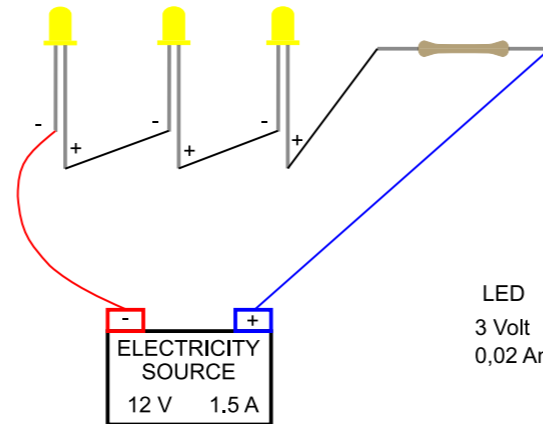
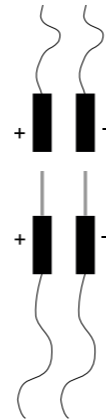
By the time, some leds might be died. In this situation, test the serial that covers that led and resistance. If you do not have a equipment to test, then just swap those 3 serial leds and resistance with new ones.

Collect the deck cables into a tip of a jack. The other tip of jack should connected to the energy source. You do this for every deck it might be needed to remove. It is going to make easier to disattach the decks. Easily you will plug off the led connections to make free the decks.

Watch out collecting (+) and (-) will be right.



Jumpers



LED  
3 Volt  
0,02 Amper

RESISTANCE

