

ANAVRIN

GINZAN ONSEN DIY BOOK NOOK

INSTRUCTIONS



Essential Information

Part number: Find the part with the corresponding number in this step to assemble. Always take reference to the parts number as shown in this guide. There will be parts that are of the same shape and size which are numbered the same throughout the guide and on the plywood sheet itself.

Extra parts: Sometimes you will find a few spare parts after completing the assembly process and you wonder if you are missing a few steps? Do not worry as these parts are often extra parts in case you break the parts upon assembling. In some cases, we may also add a few extra decorative parts that you can choose to attach anywhere you deem fit.

Glue: We cannot include glue in our DIY kit due to shipping restrictions as it is a no-fly item. However, we do highly recommend using Elmer's All Multi Purpose Glue or Gorilla Super Glue which you can easily purchase from bookstores and handicraft stores. Not all parts require glue, most of the parts can be assembled together by slotting it into the designated fixture. Only apply glue at the steps that are marked with this symbol.

Power supply: The model's standard power supply is 5V - DC equivalent to 3 x AA Batteries in series. You can replace the battery with similar power supplies (5V - DC) as long as it fits into the model's 5.5mm x 2.1mm socket. Batteries are not included in our kit due to shipping restrictions as it is a no-fly item.

Tools: The kit has been designed with you in mind, no additional tools will be required as it comes with everything you need. However, if you like to fasten the process with specific tools, you can include: paper cutter, scissors, paint (if you like to customize the kit).

Handmade: Some of the parts are hand crafted by our team members. Although we always try to make it as meticulous as possible, sometimes there may still be human errors hence, please forgive us for the mistake. On the other hand, it can be viewed as a one-of-a-kind or unique piece.

Mechanical parts: If some of the parts has rough edges, you can choose to smooth it with sandpaper. Alternatively, you can also add your own lubricating oil if required. These additional steps may be required if the mechanical motor gears are not rotating properly. (**Note:** Sandpaper and oil are not included in the kit.)

Bonding activity: Invite your friends or family to join, the assembly may take hours hence, it's a great way to spend time together and create fond memories.

Before Assembly



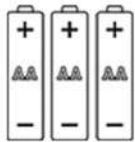
Part number: Find the part with the corresponding number in this step to assemble. The same parts with the same number are usually next to each other in the board. The same parts with the same functions are numbered only once in the assembly instructions. The numbers are either sequentially numbered or accompanied by a leading letter, which is the symbol of each board (e.g part A9 of board A).



Extra Parts: Sometimes you will find a few spare parts after completing the assembly process and you wonder if you are missing a few steps? Don't worry these parts are often extra parts in case you break the parts when assembling. Or in some cases we add a few extra decorative parts that you can optionally attach it to anywhere you like.



Glue: We cannot include glue in the package because glue is a no-fly item. You can easily search for the glue you need with the keywords "miniature glue" "wood glue" "synthetic glue" or "siliglue". Not all parts need to be glued together, most of them can be assembled together accurately and securely without glue. Apply glue at the steps marked with this symbol.



Power supply: The model's standard power supply is 5V - DC equivalent to 3 AA batteries in series. You can replace the battery with similar power supplies (5V - DC) as long as it fits into the model's 5.5 x 2.1 (mm) socket. Batteries are also no-fly items so we cannot send them.



Tools: The kit is designed so that you can assemble it without preparing any tools. However, to make the assembly process easier and faster, we suggest you prepare some tools such as: Paper cutter, scissors, paint and paintbrush...Yes, you can paint them.



Handcrafted: Some of the parts are hand crafted by us. Although we always try to make them as meticulous as possible, sometimes there are errors. Please consider it to be the necessary error of a handcrafted product. Sometimes they create unique versions that only you have.

Before Assembly



Mechanical parts: If some of the parts has rough edges, you can choose to smooth it with sandpaper. Alternatively, you can also add your own lubricating oil if required. These additional steps may be required if the mechanical motor gears are not rotating properly. (**Note:** Sandpaper and oil are not included in the kit.)

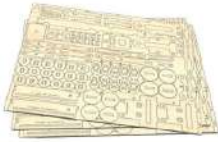



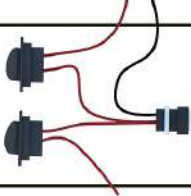

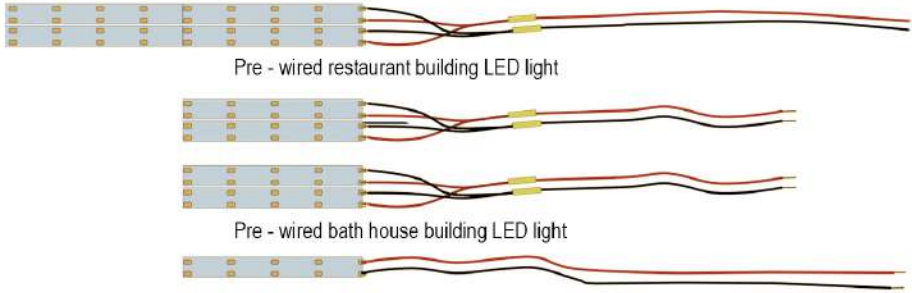



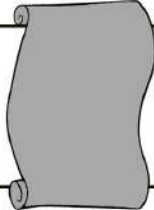


More friends more fun: Invite friends or family to join, the assembly takes hours, this is the time for you to make more memories together.



- Sharp points, choking hazard, not for children under 3 years old.
- Display in a place away from direct light and water.
- Please do not turn on the lights for more than 12 hours continuously.
- Please supply the correct power to the model

Packing List

- | | |
|--|--|
|  <p>Wooden part sheets: 19 part sheets (A-S)</p> |  <p>Rubber band: Increase friction for the rotating shaft</p> |
|  <p>Window Glass: 12 parts in 1 sheet</p> |  <p>USB power supply jack: Power supply jack USB to 5.5 x 2.1mm</p> |
|  <p>Switches and Female power socket: Pre-wired switches</p> |  <p>Extension jack: extension 5.5 x 2.1mm jack</p> |
|  <p>Pre - wired restaurant building LED light</p> <p>Pre - wired bath house building LED light</p> <p>Pre - wired locomotive LED light</p> | |
|  <p>Rubber band: Create elasticity</p> |  <p>Motor: Pre-wired 5 - 9V DC motor</p> |
|  <p>Wire connect tool: 3 ports wiring tool</p> |  <p>Paper roll and picture: Included on a paper</p> |

Symbols



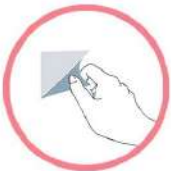
Glue required: Use wood glue and super glue to attach the parts in this step. Make sure all the parts are aligned, facing the correct direction before applying glue. We would recommend using Elmer's All Purpose Glue and Gorilla Super Glue.



Completed step: This means once the step has been assembled as shown, move onto the next step.

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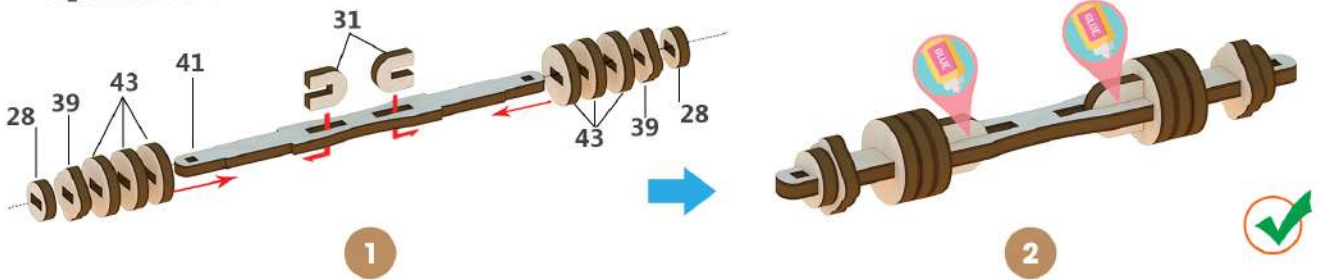
Part number: This states the specific part number to use for each individual step. The same parts will have the same number.



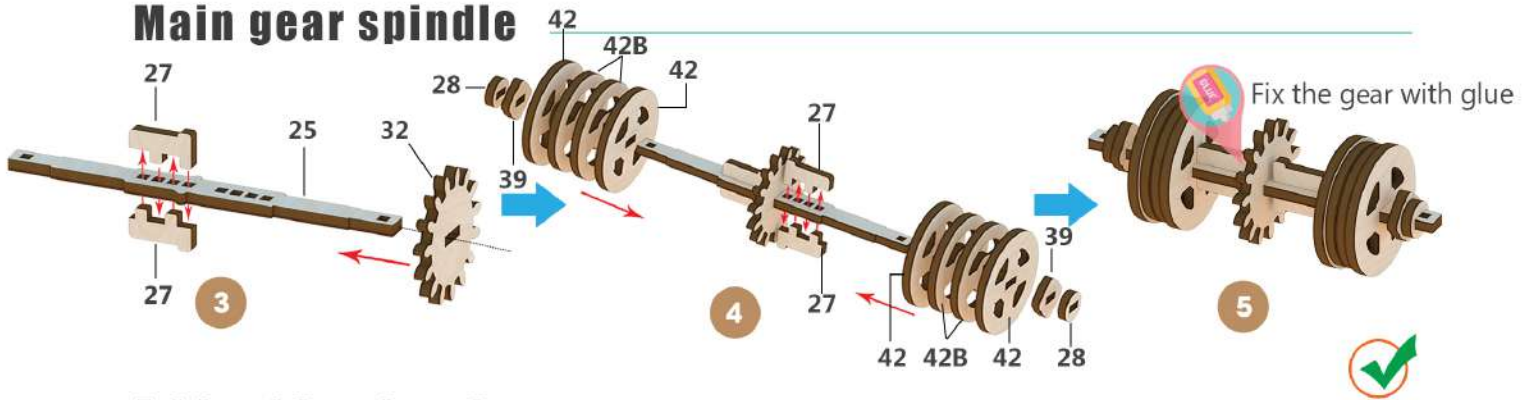
Peel to paste: This part is pre-glued, please peel off the protective layer to stick in accordance to the instructions.

01

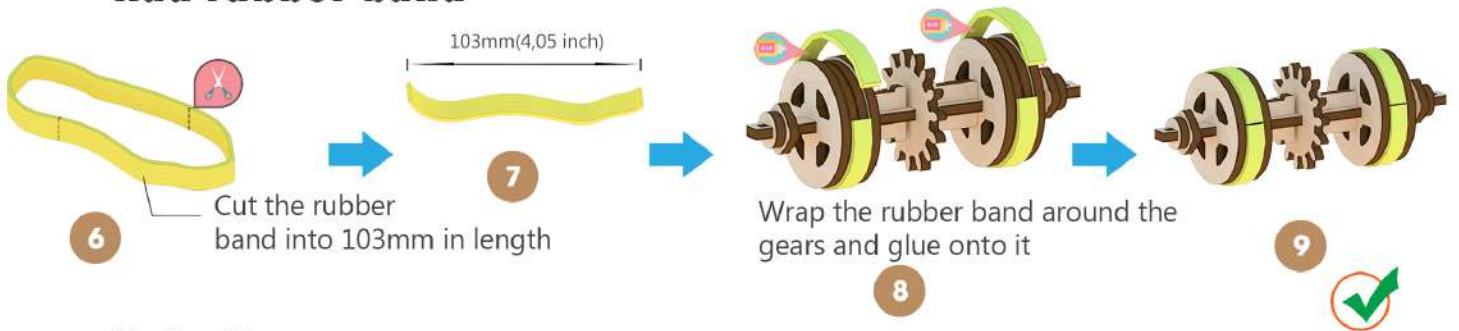
Spindles



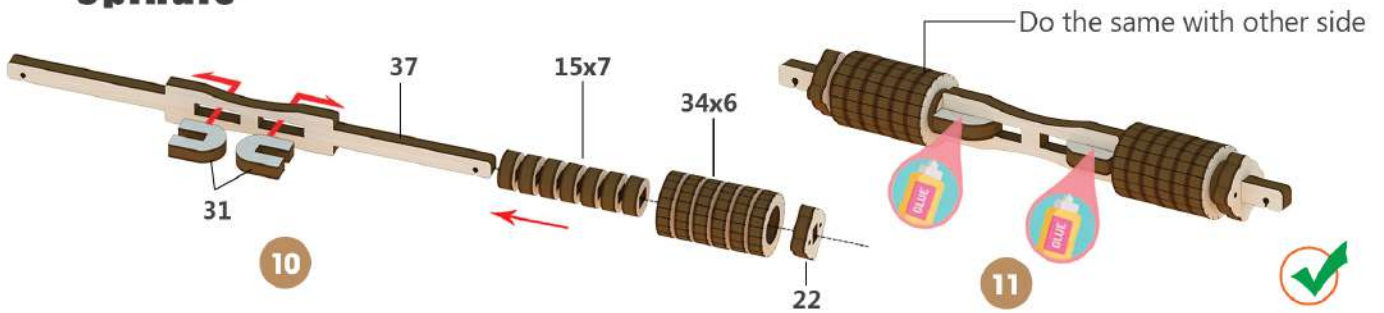
Main gear spindle



Add rubber band

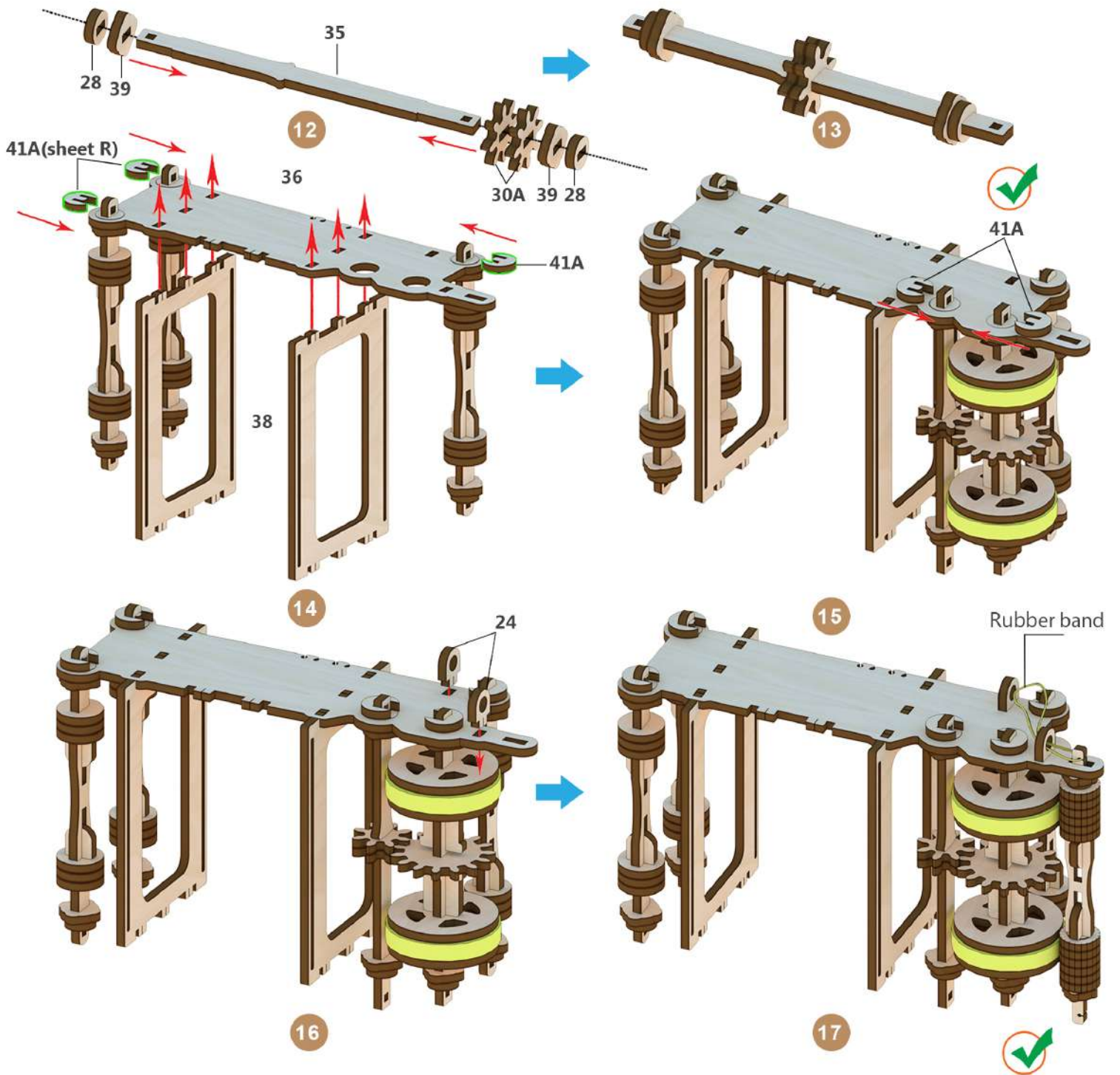


Spindle

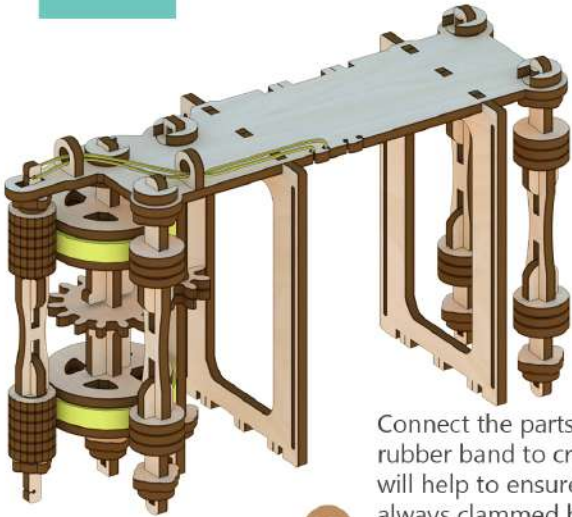


02

Assemble paper roller

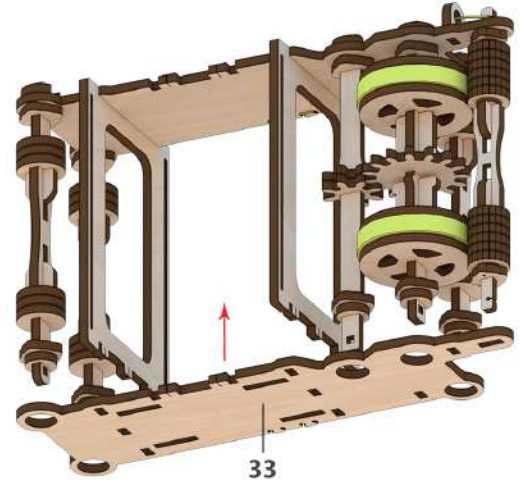


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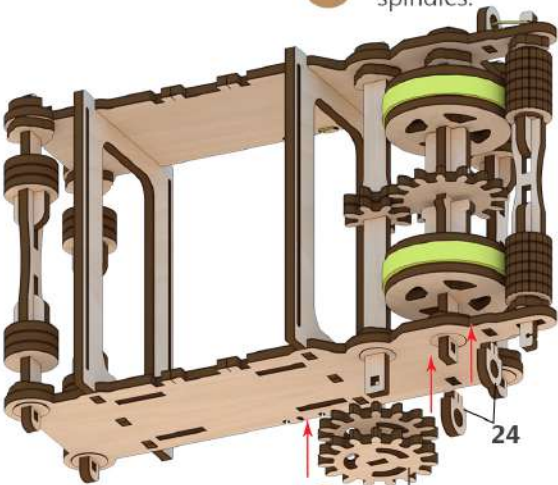
18

Connect the parts together with a rubber band to create traction, this will help to ensure the film roll is always clammed between the 2 spindles.



33

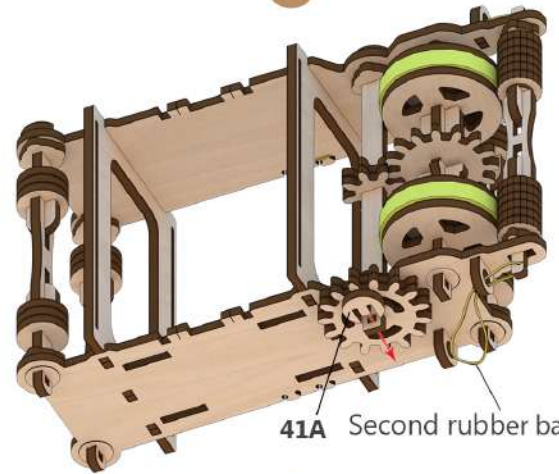
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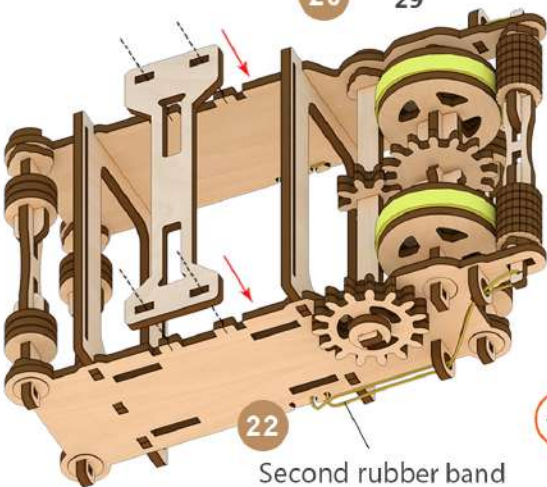
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41A

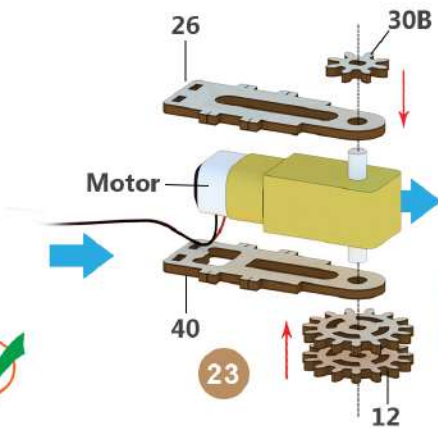
Second rubber band

21



22

Second rubber band



Motor

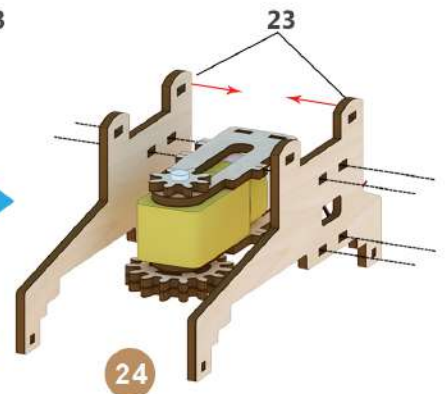
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30B

40

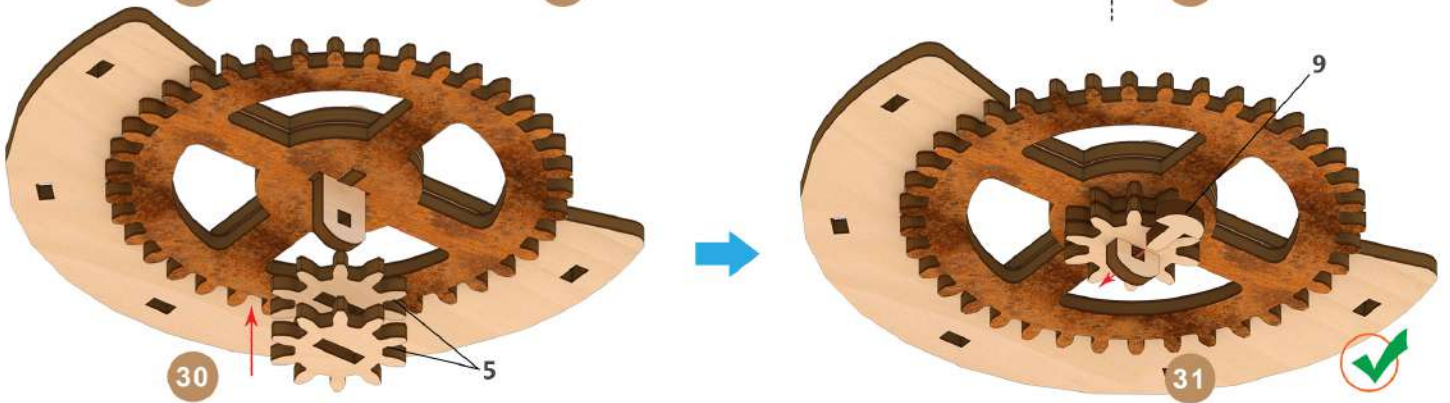
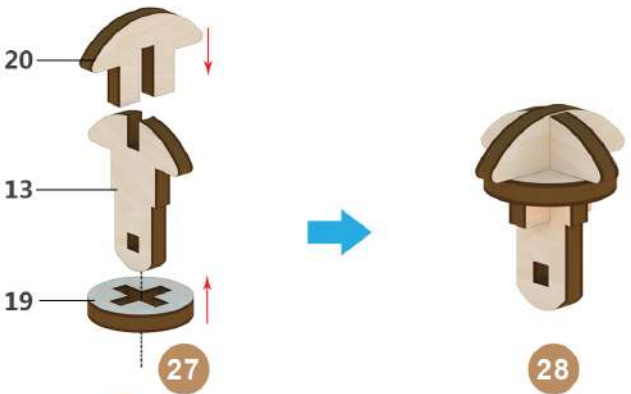
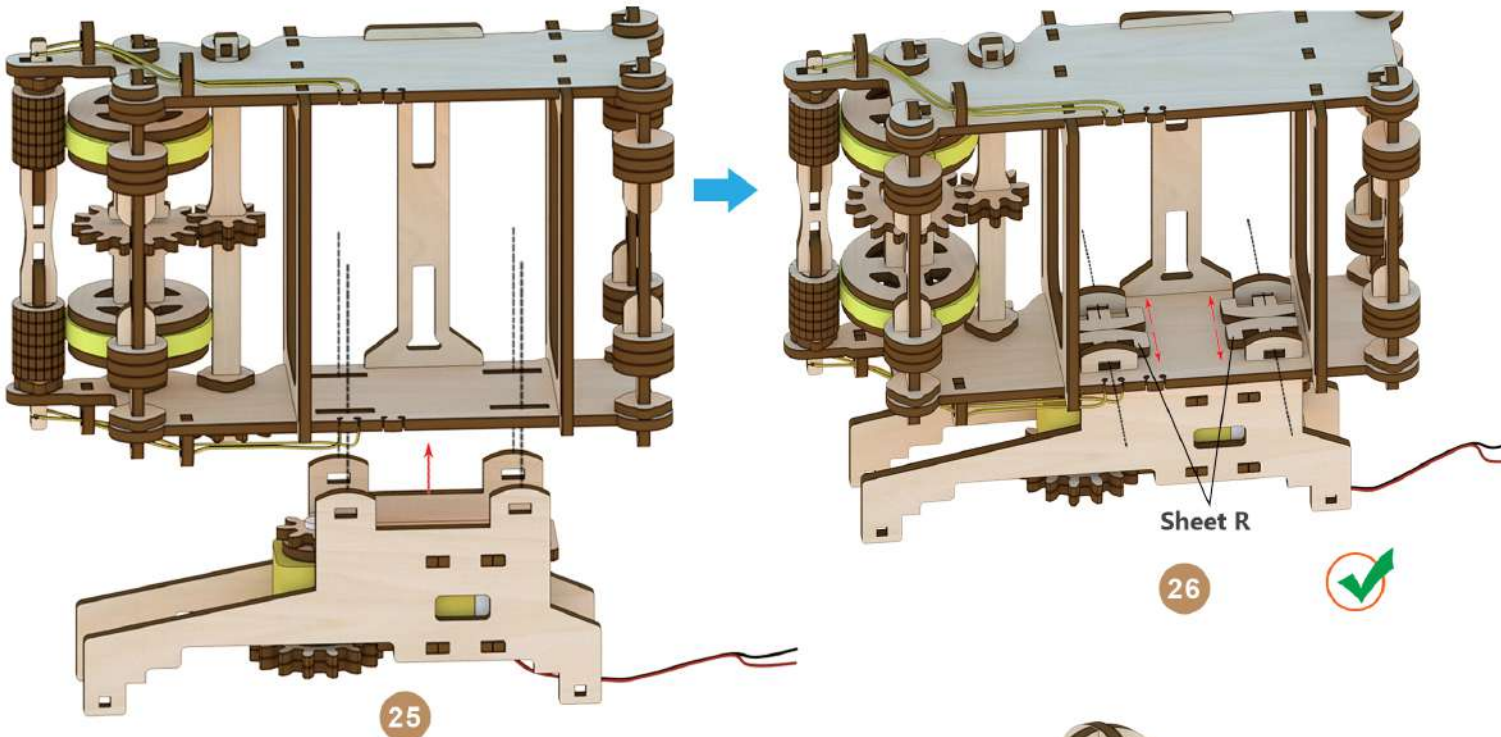
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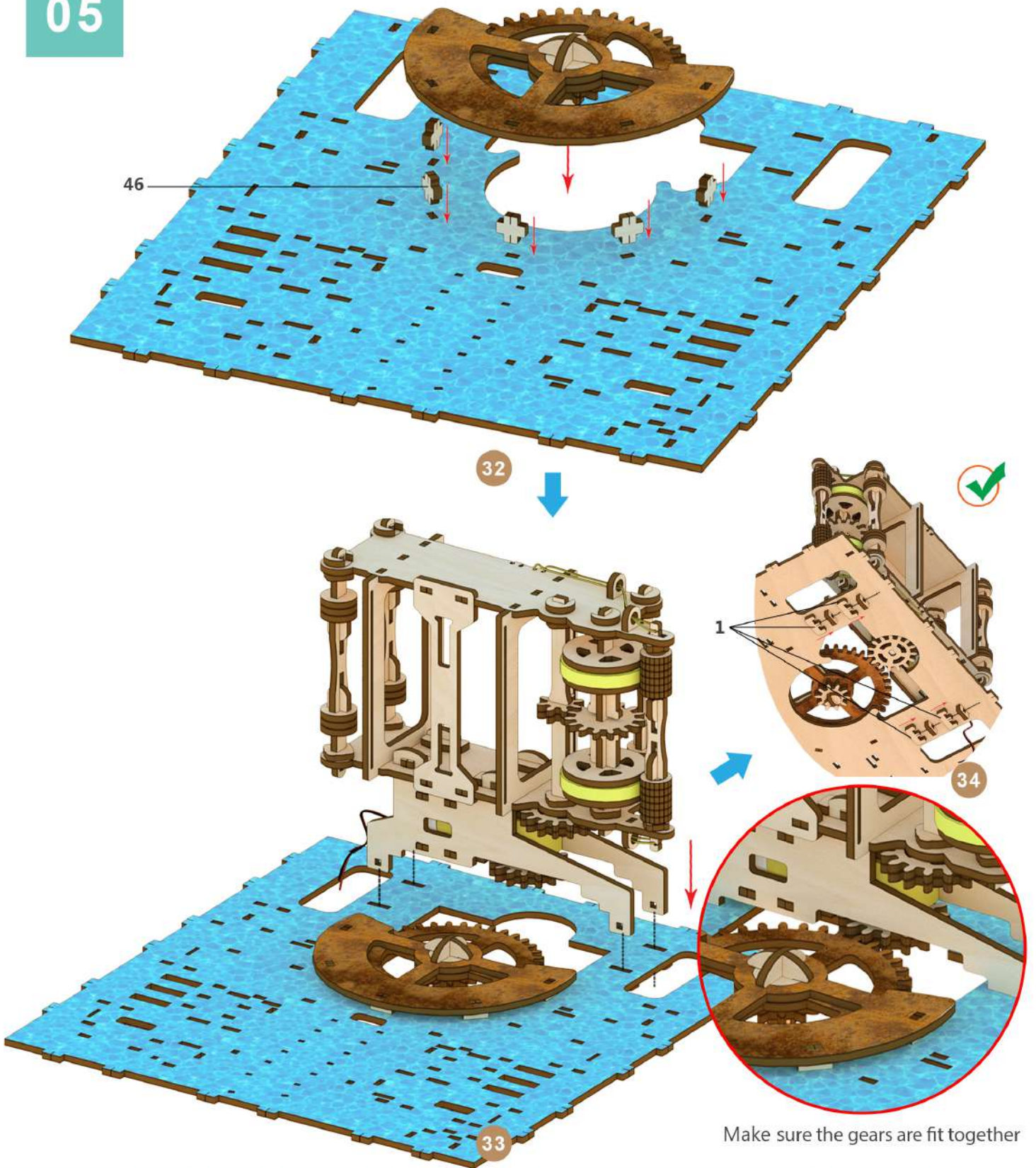


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04

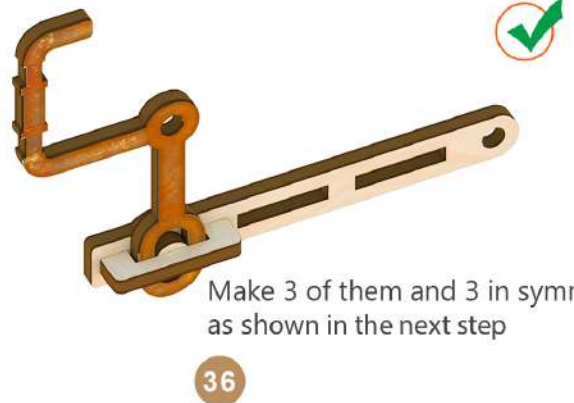
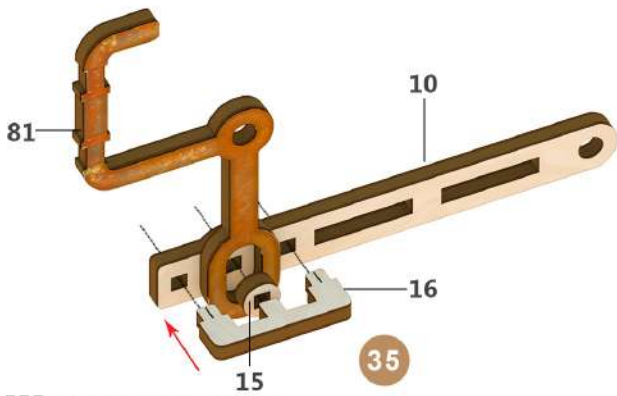


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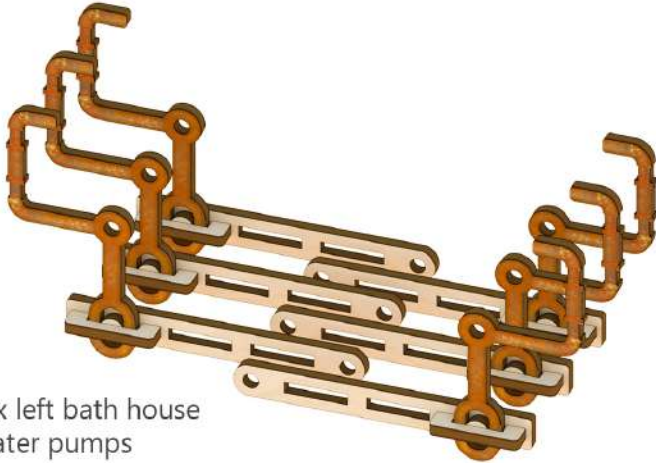
06

Water pumps

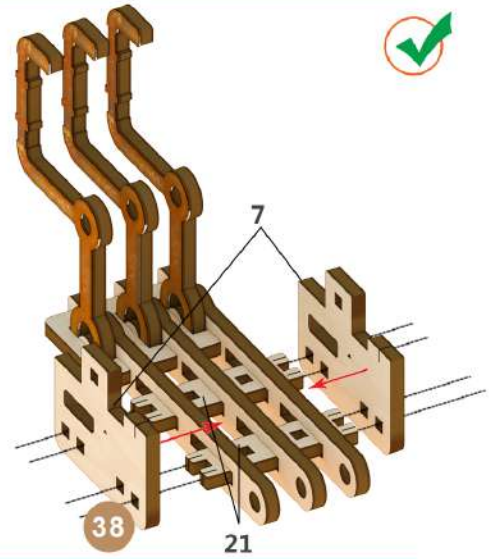


Make 3 of them and 3 in symmetry as shown in the next step

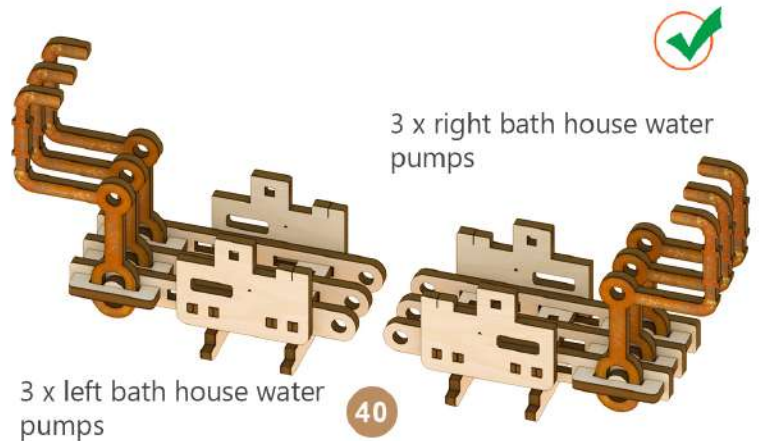
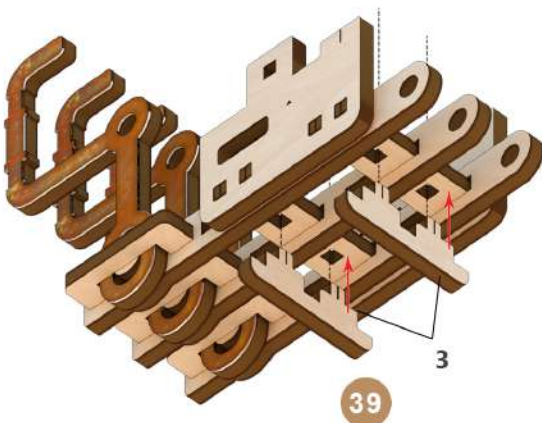
Water pumps



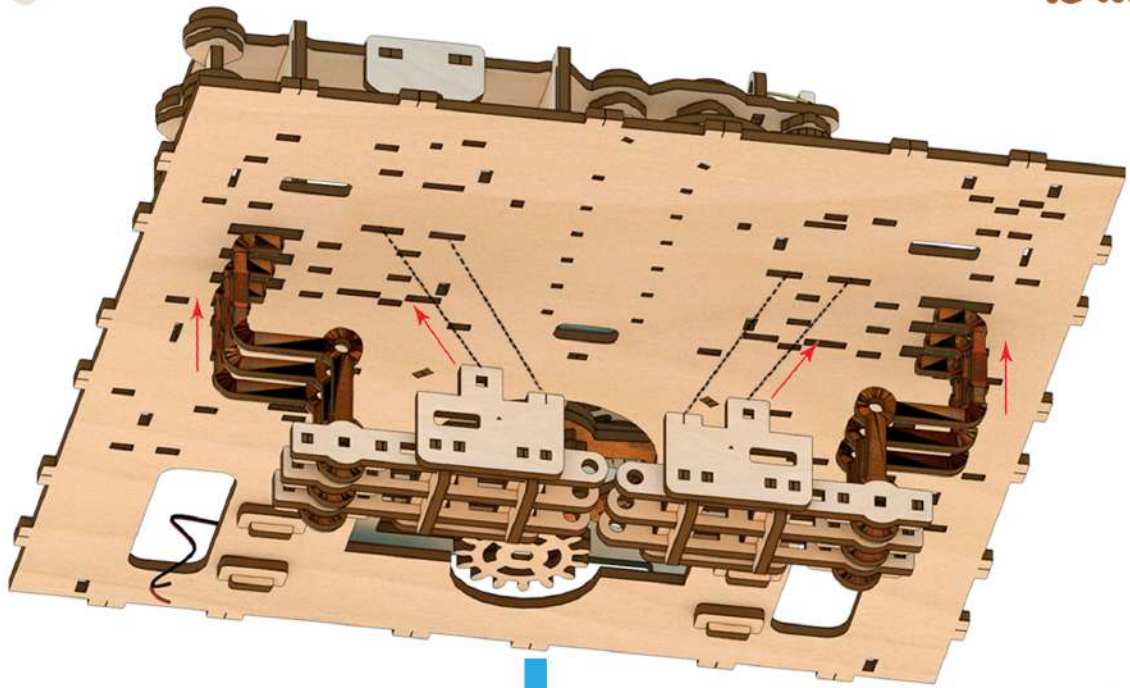
3 x right bath house water pumps



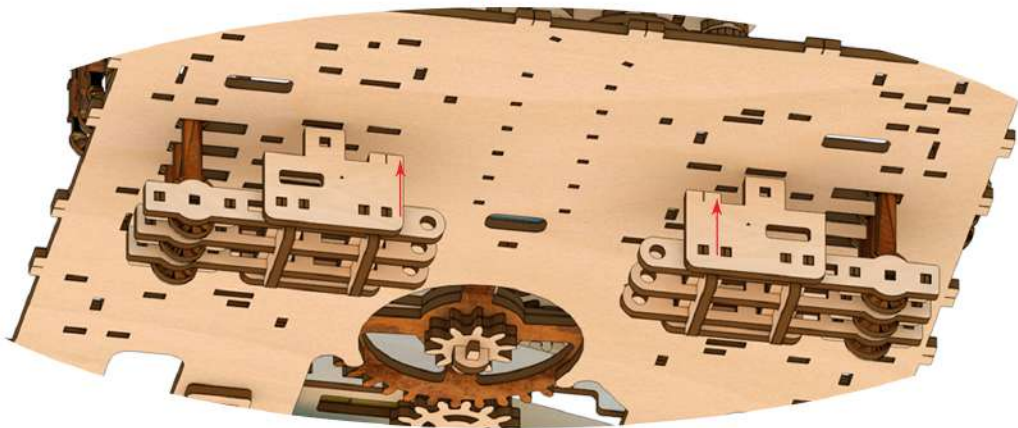
Water pumps



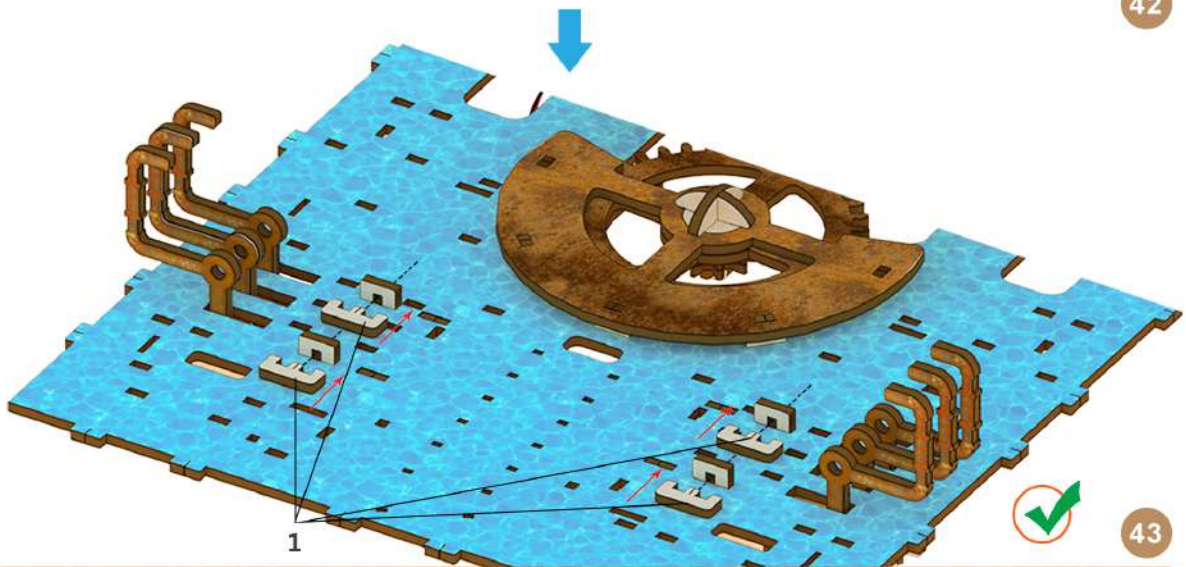
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41

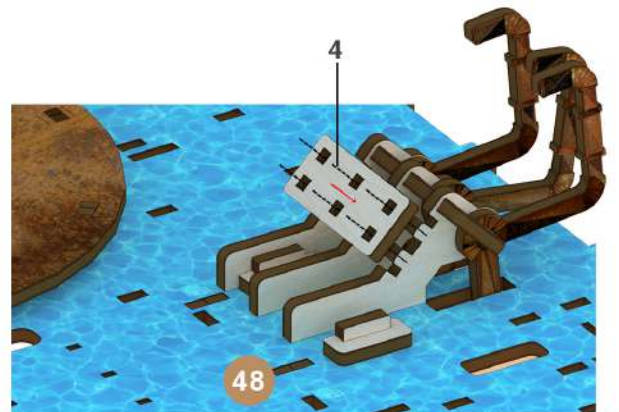
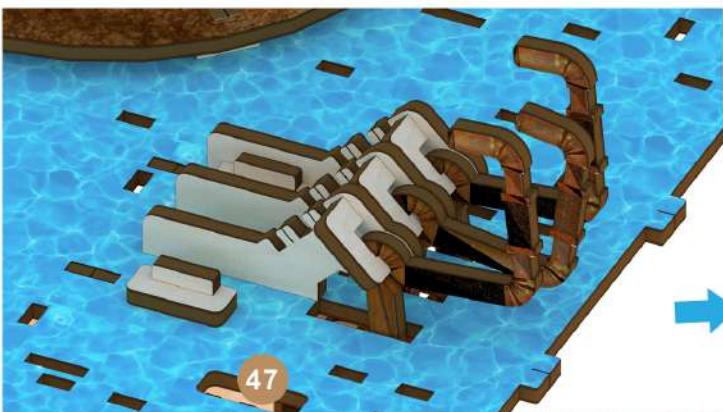
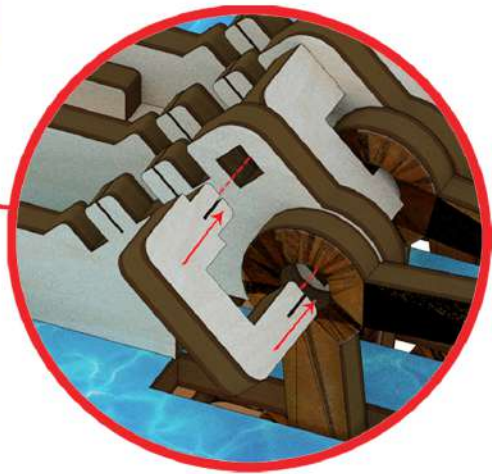
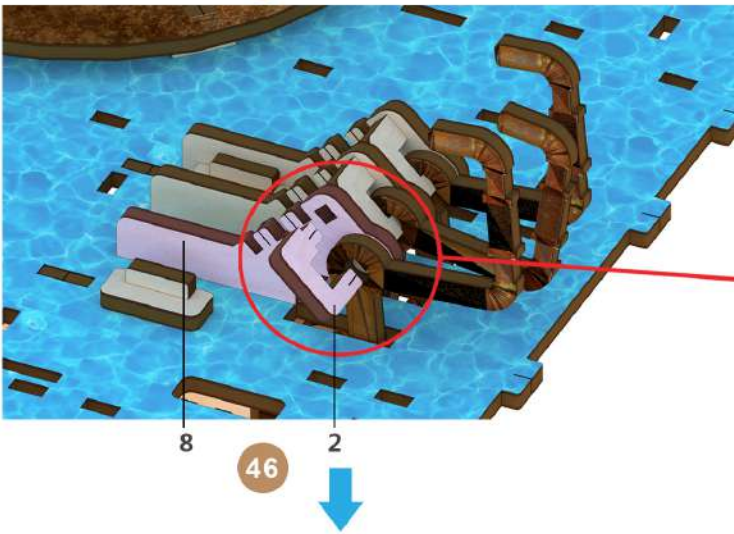
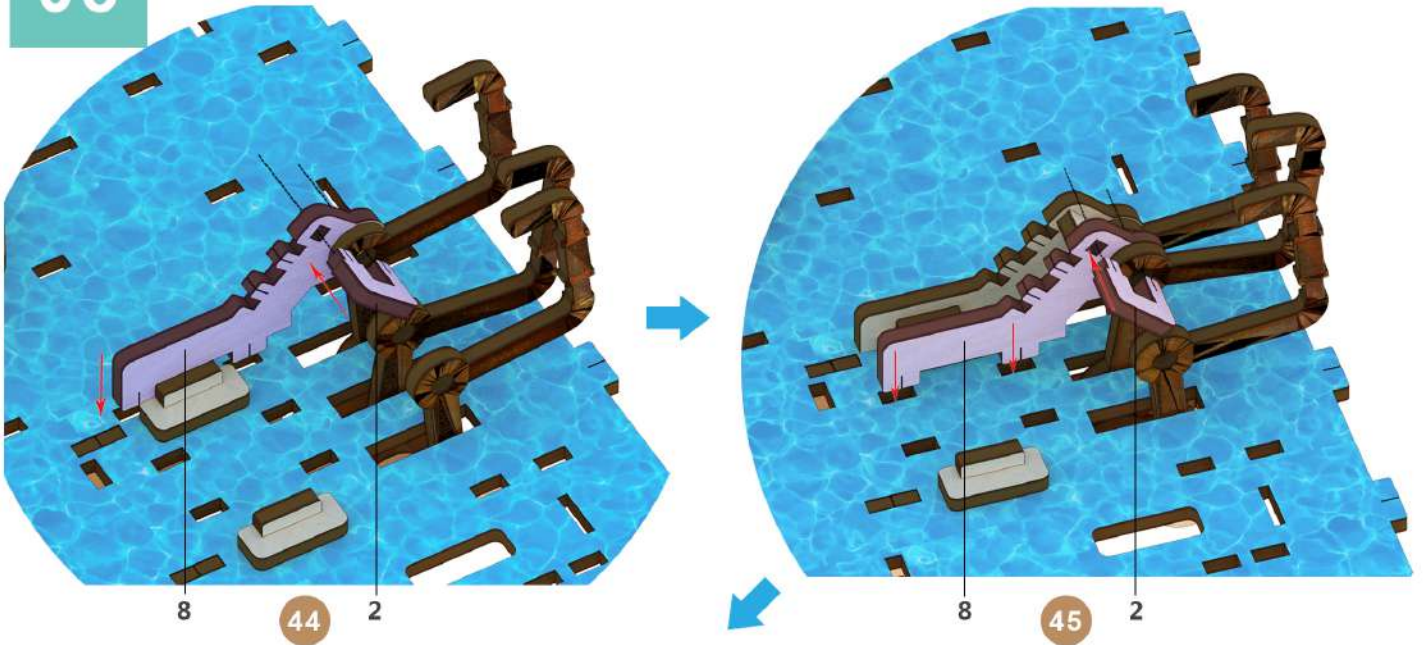


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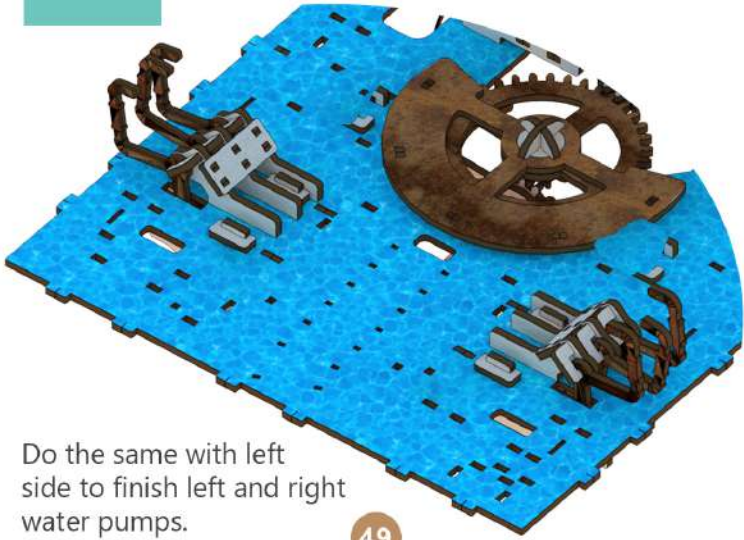


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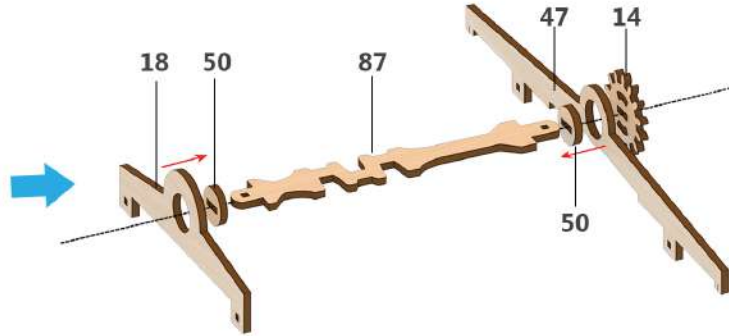
08



09

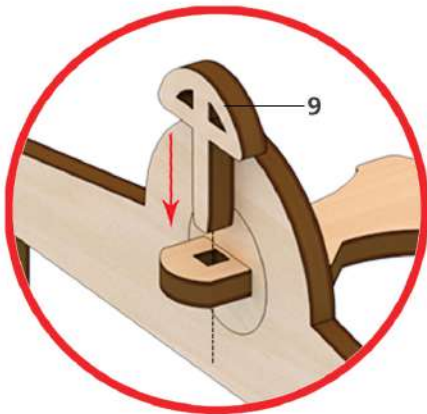


Do the same with left side to finish left and right water pumps.



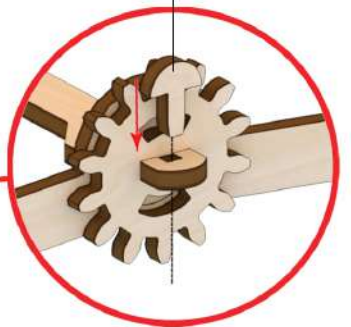
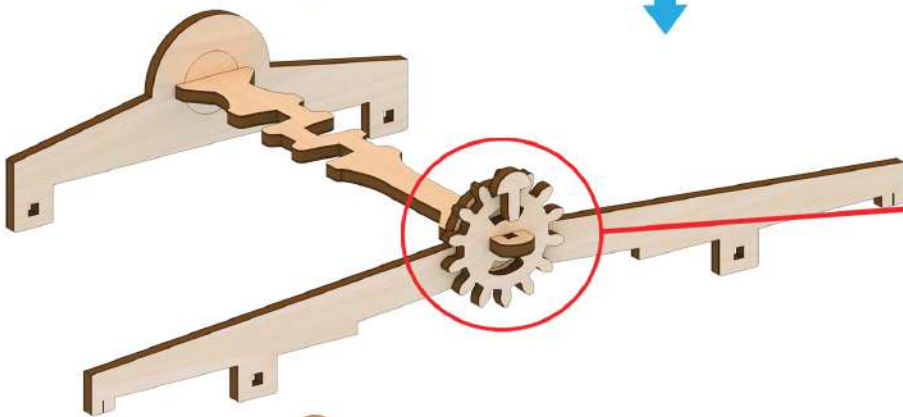
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51

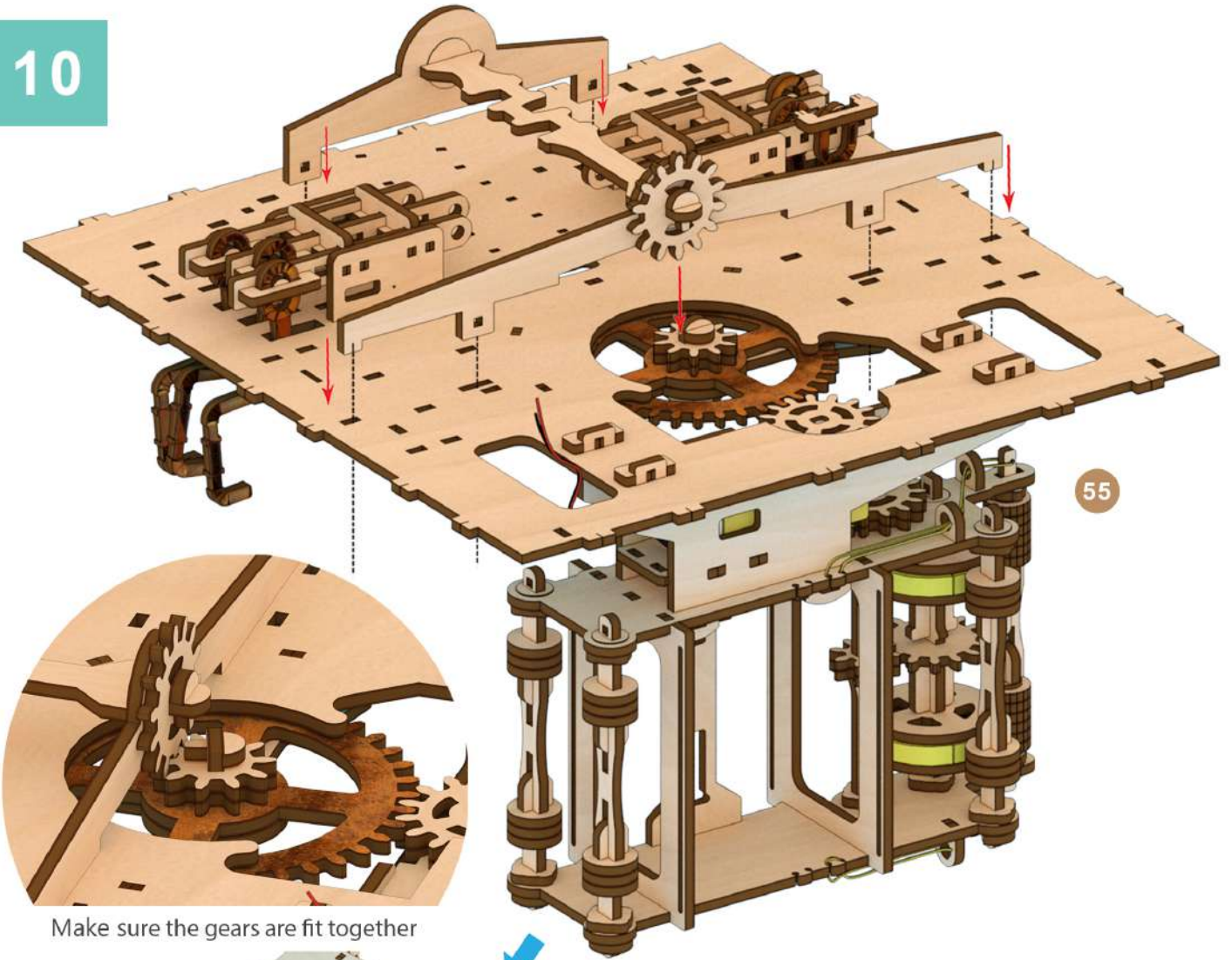
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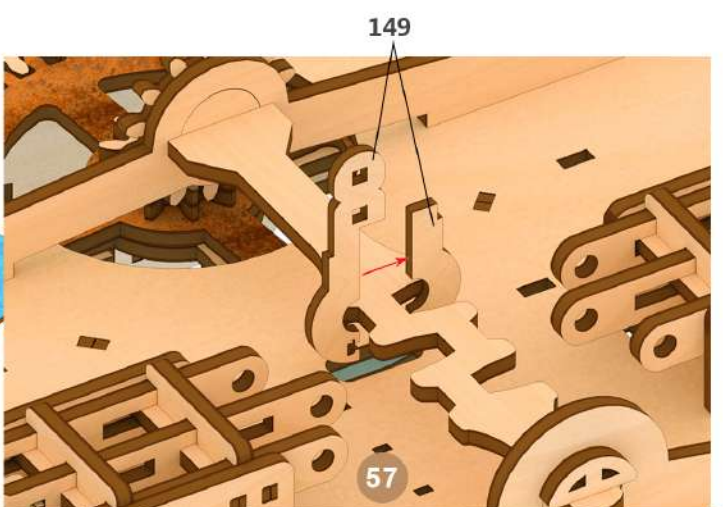
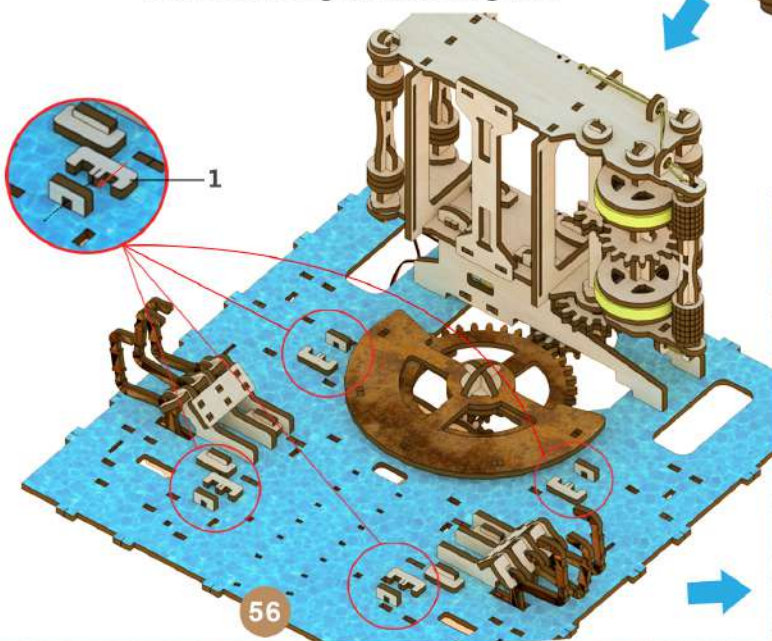
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54

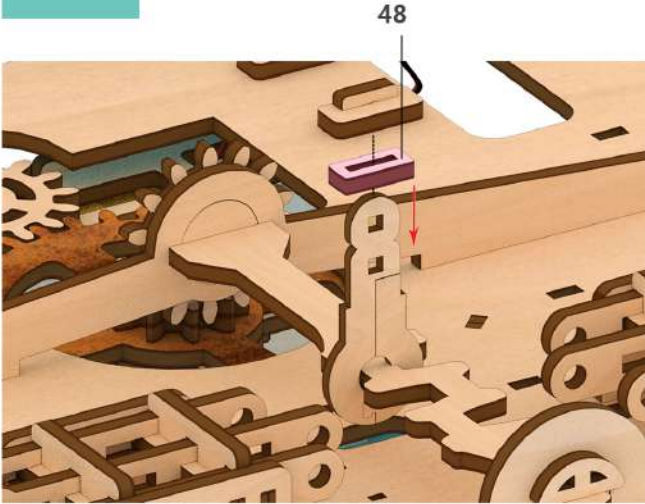
10



Make sure the gears are fit together



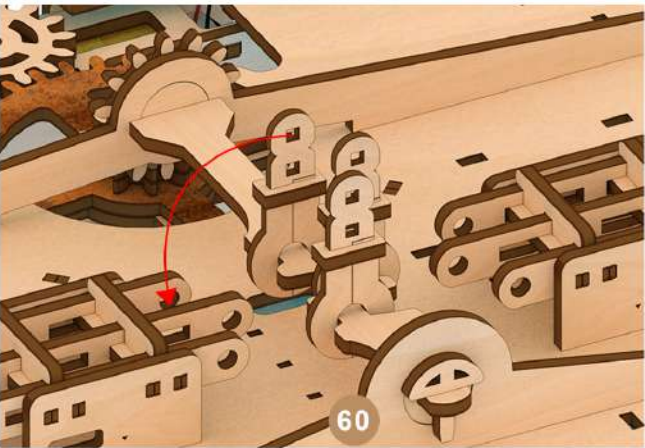
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58

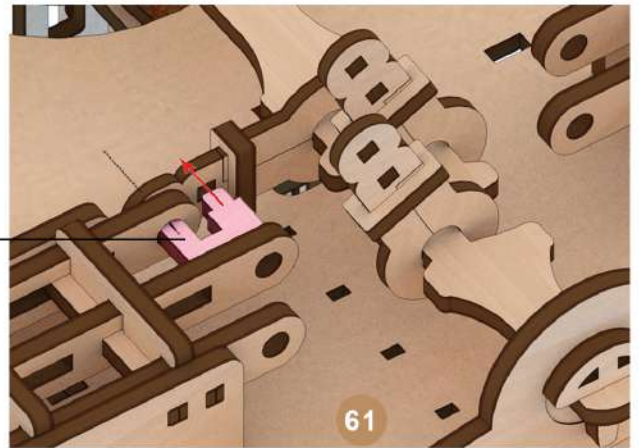


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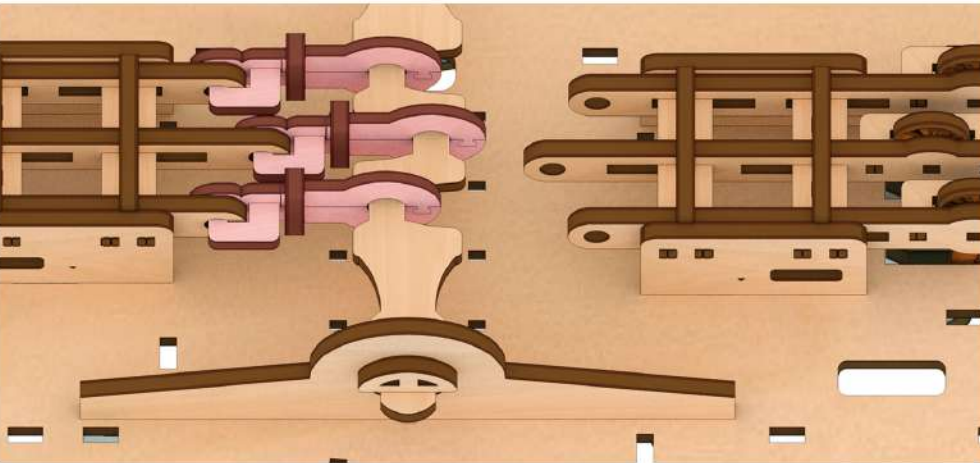
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Connect crankshaft and water pumps



61

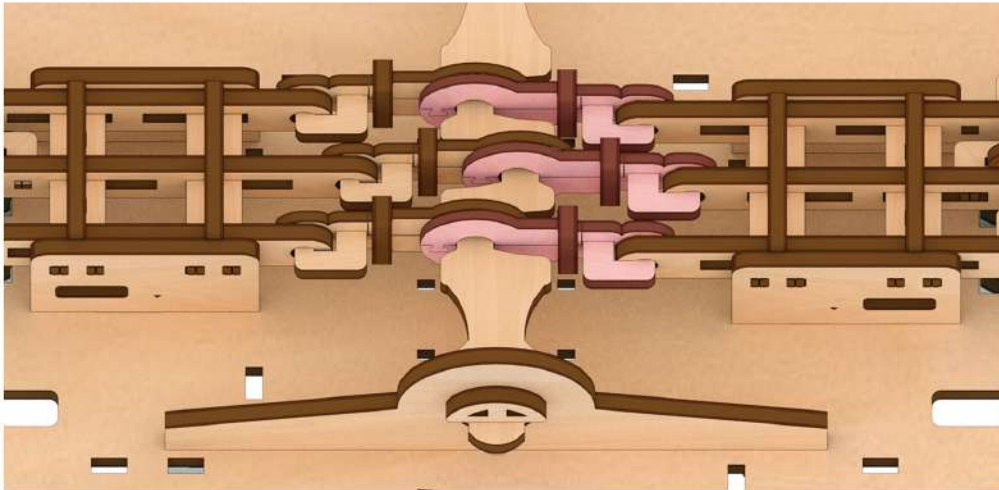
Connect crankshaft and water pumps



62

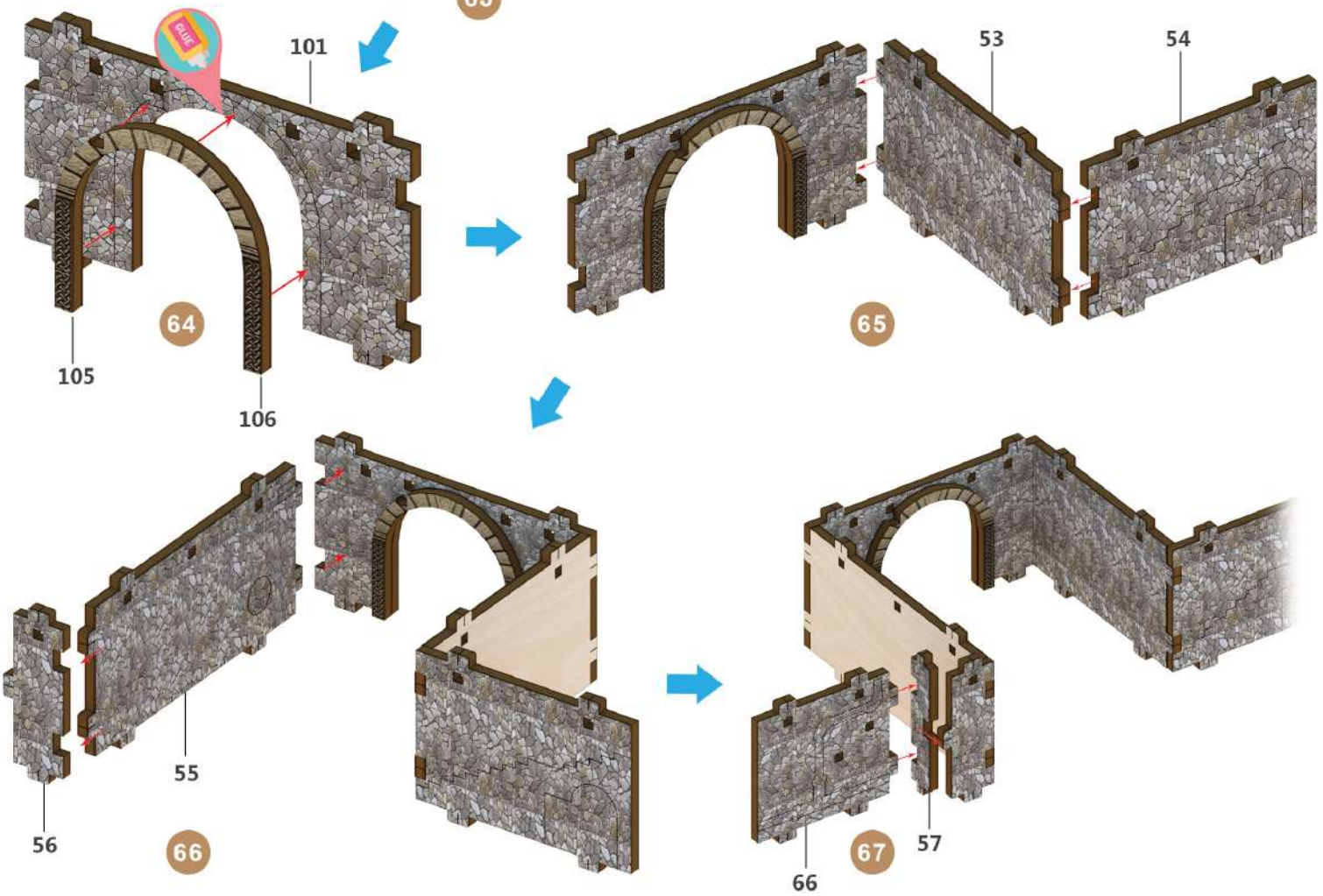
Connect crankshaft and water pumps by add parts number (11) as shown in the graphics

12

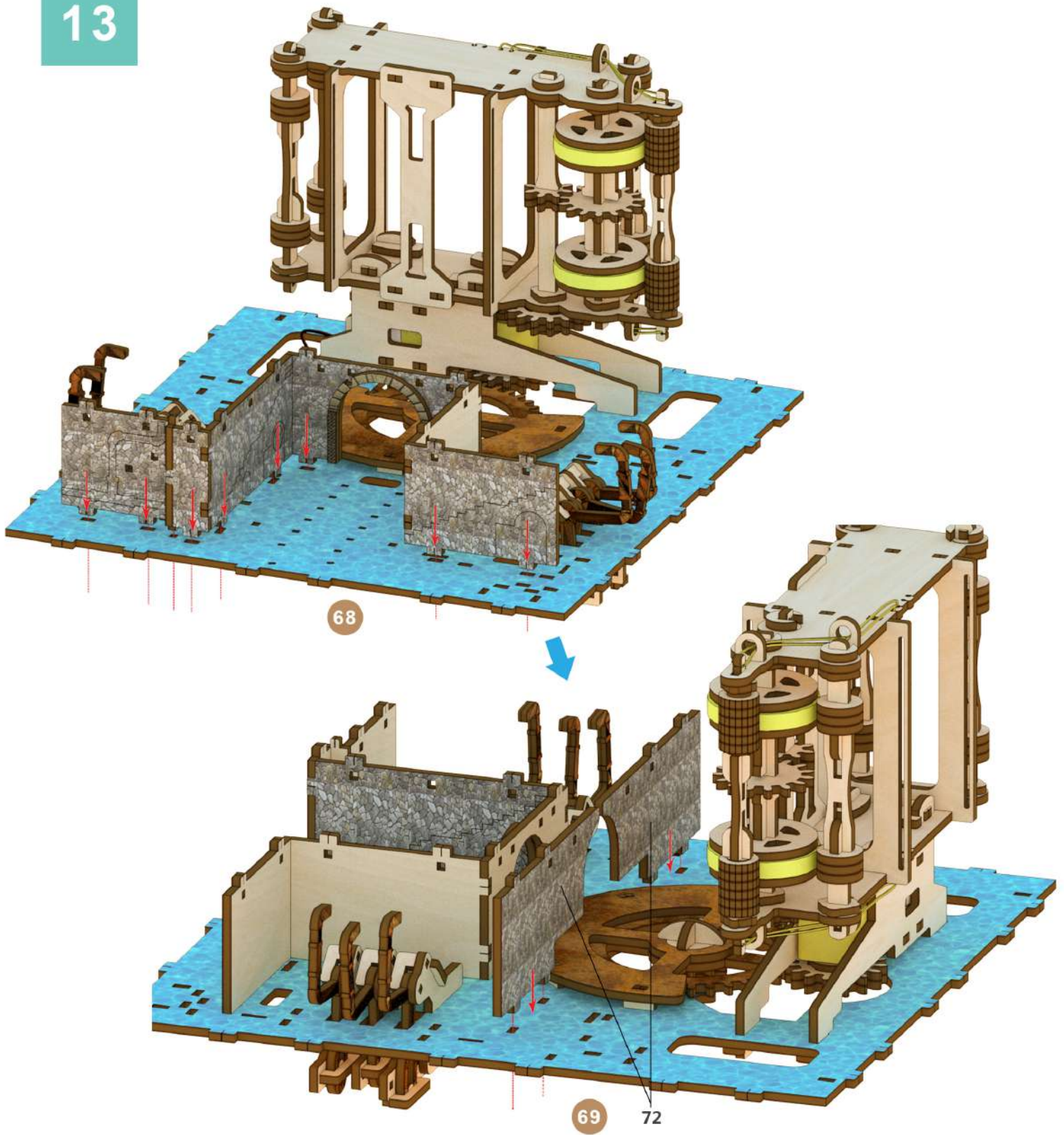


Pay attention to the position and order of the parts. Place your model exactly according to the view in the graphic.

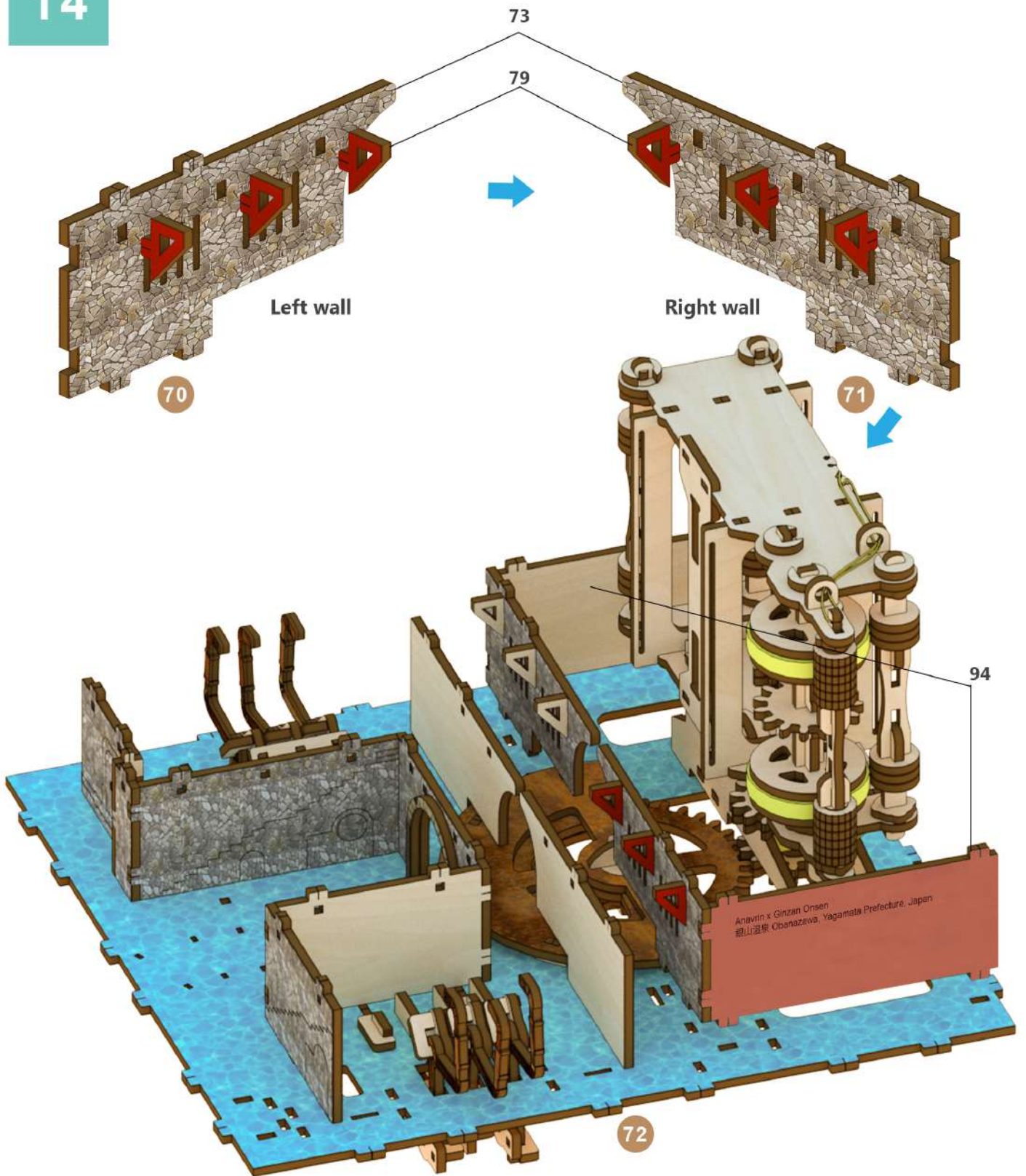
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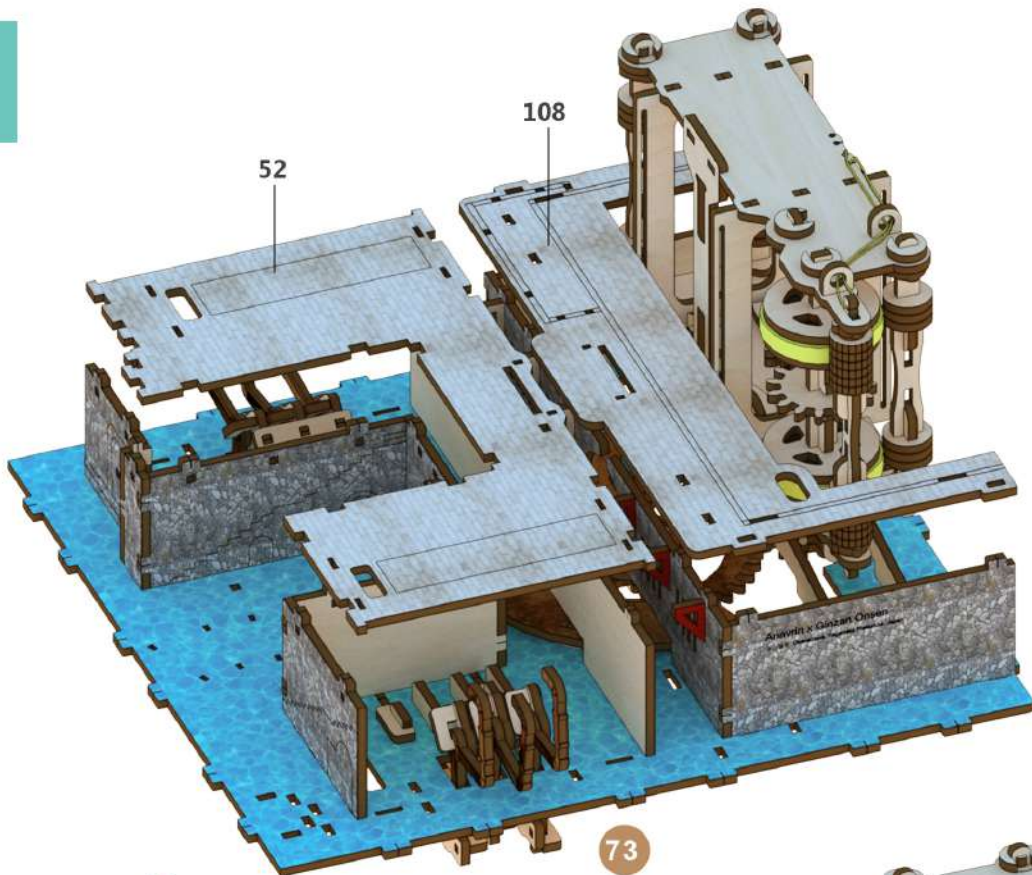
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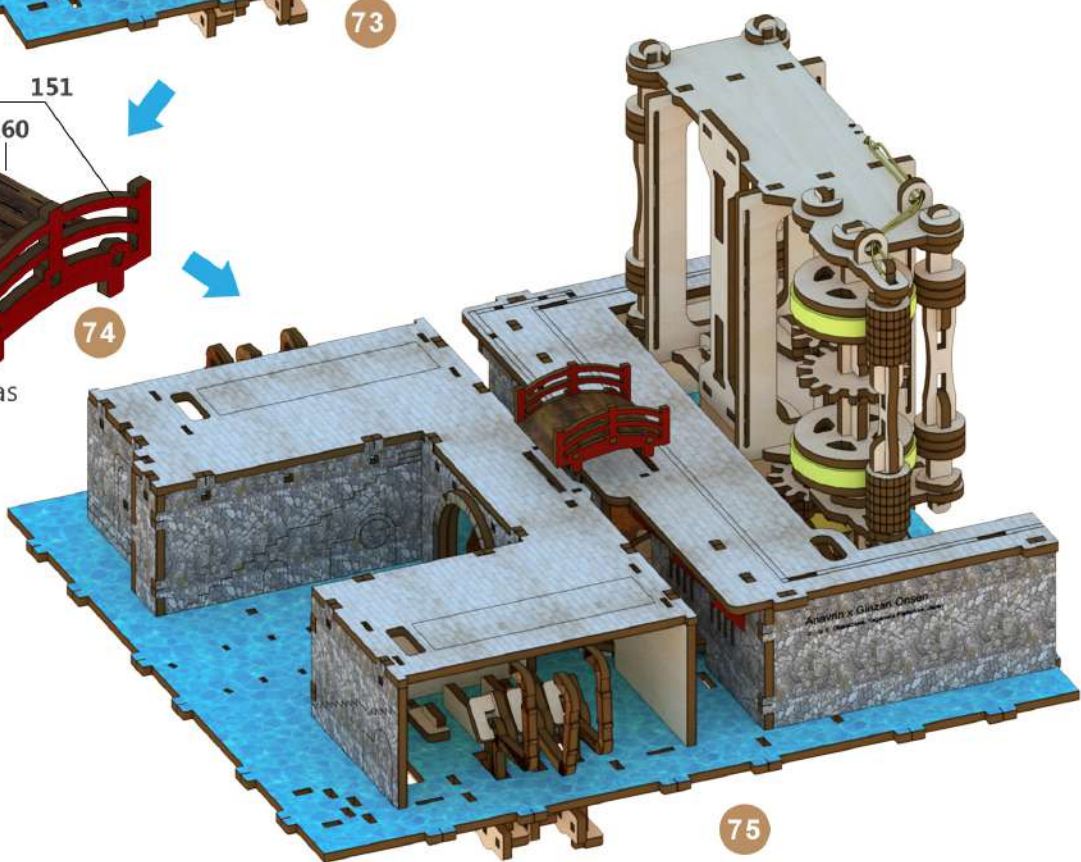
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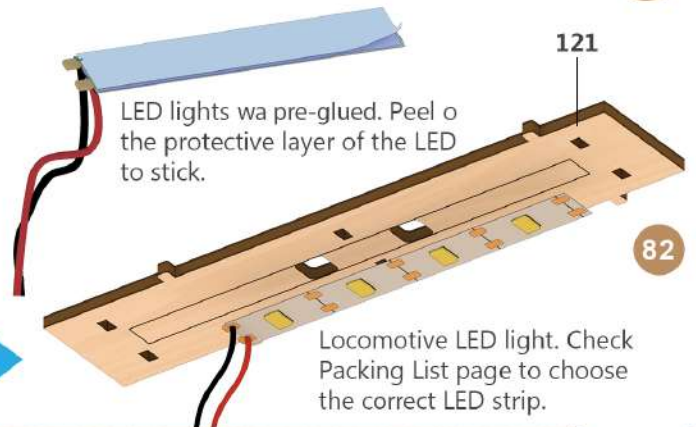
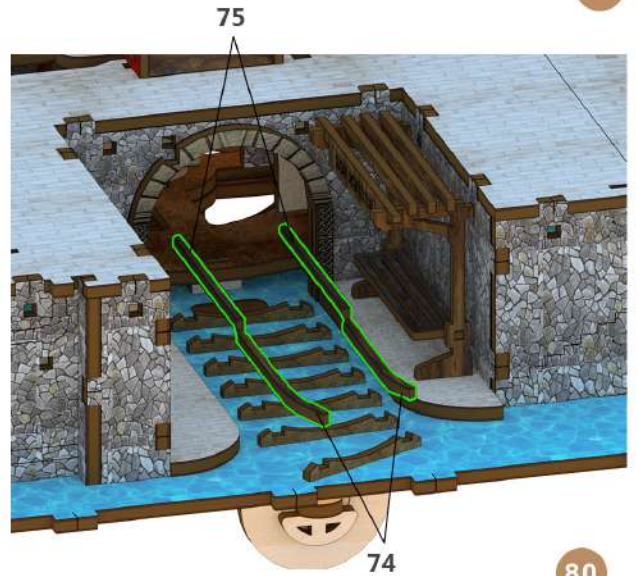
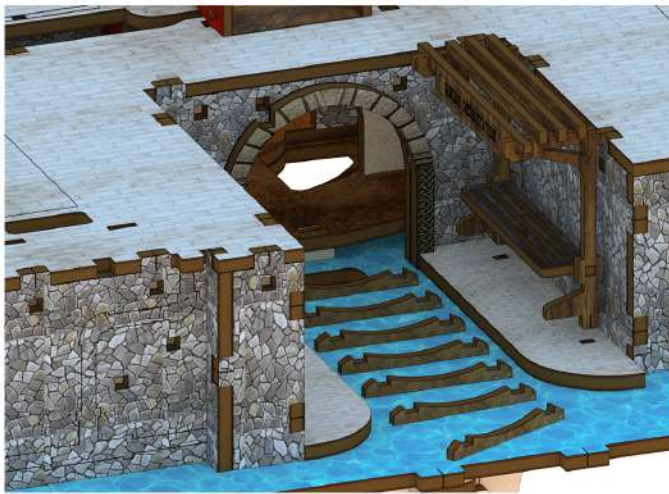
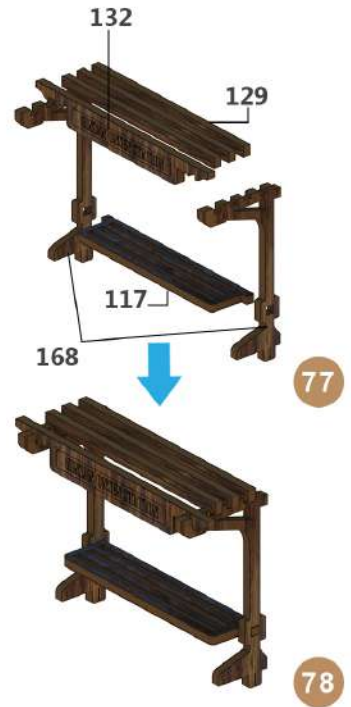
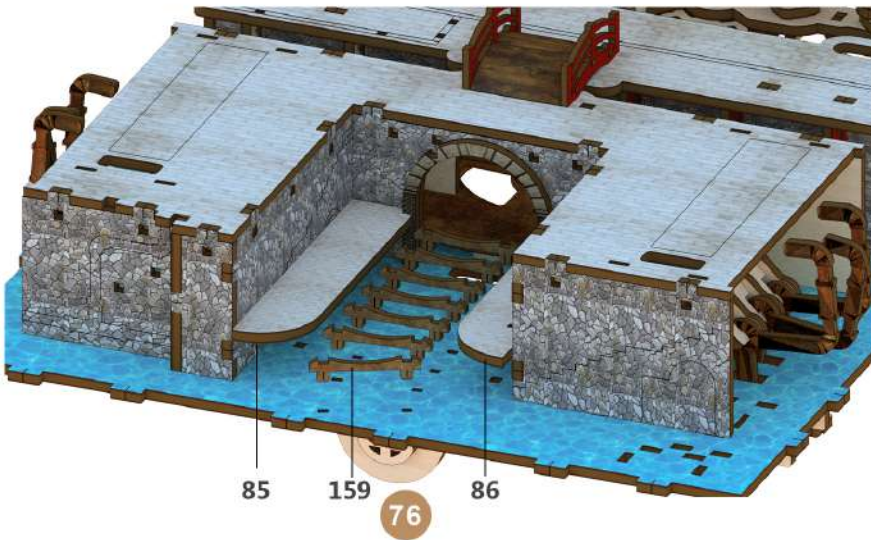
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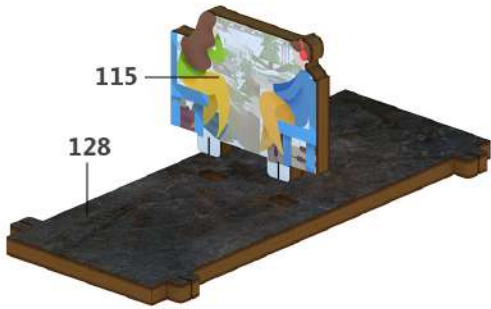
Bend the curved bridge as shown in the graphic.



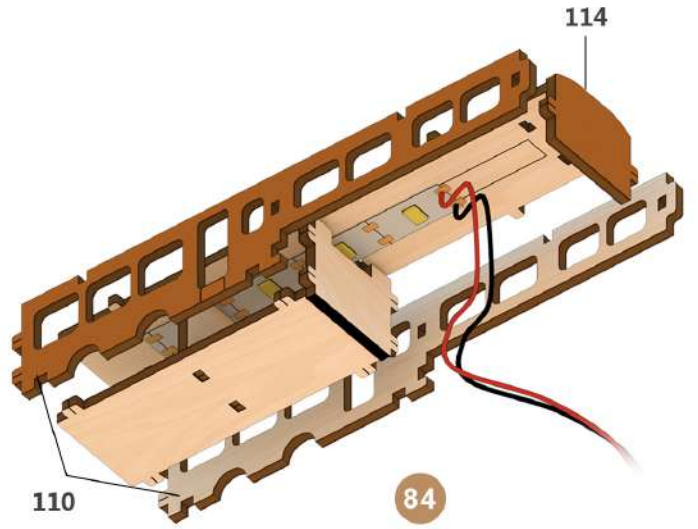
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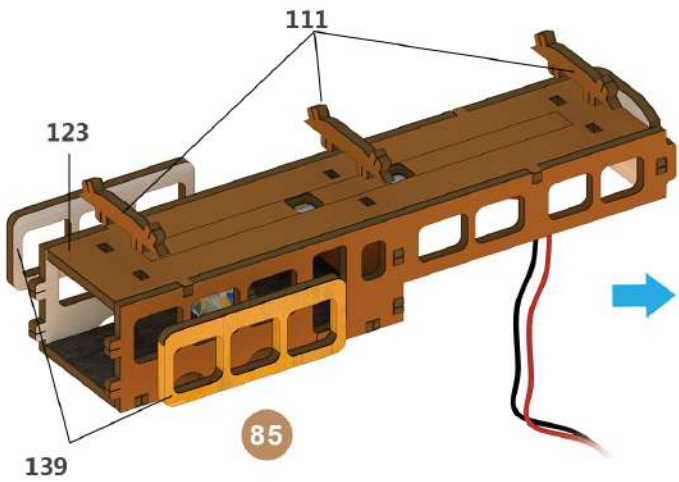
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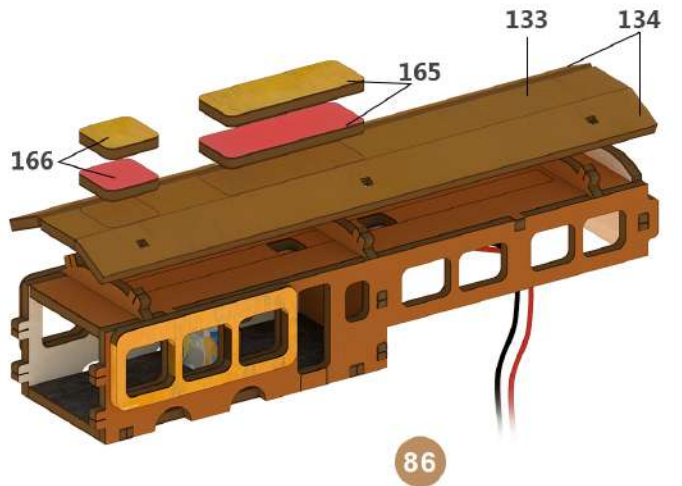
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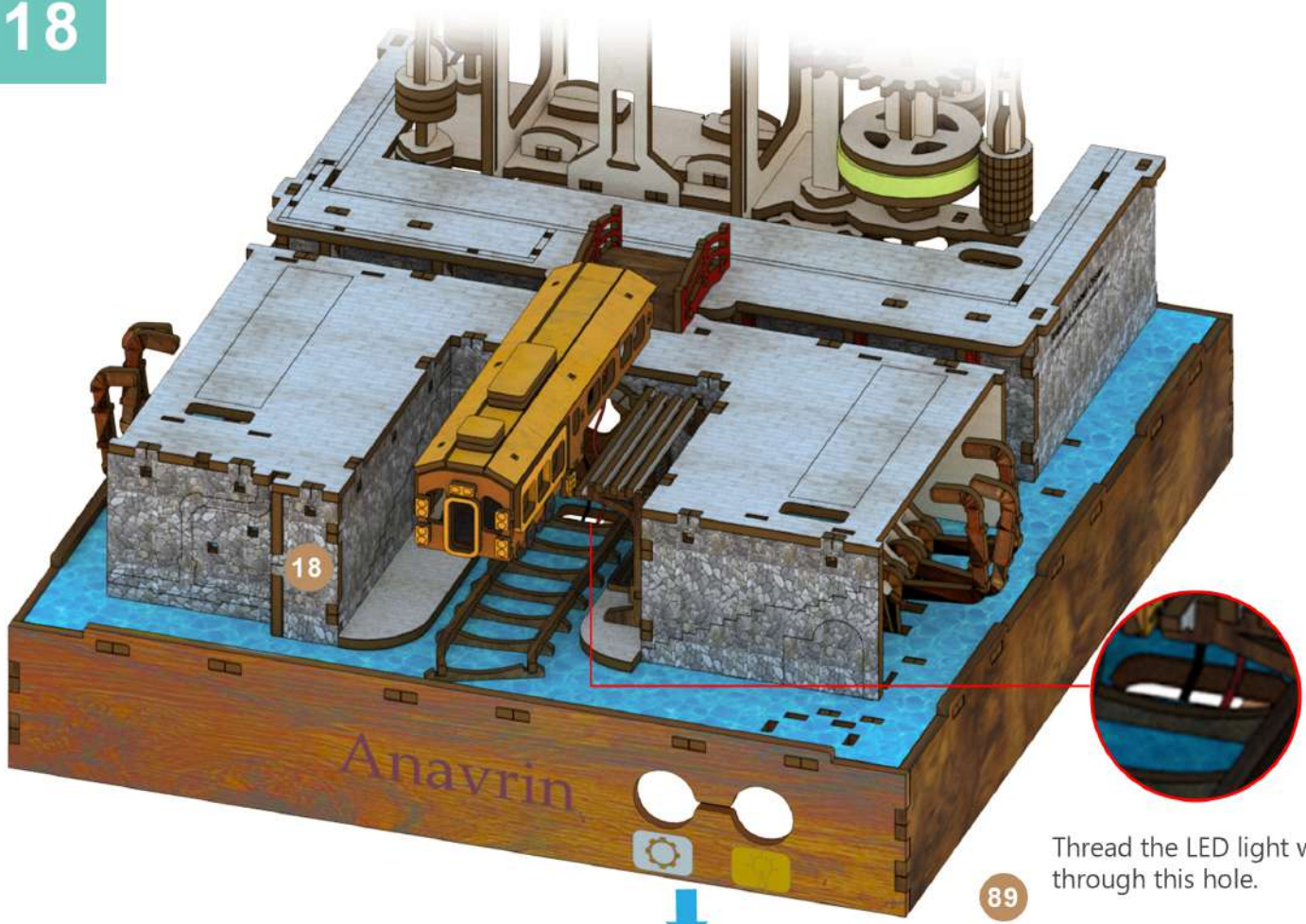


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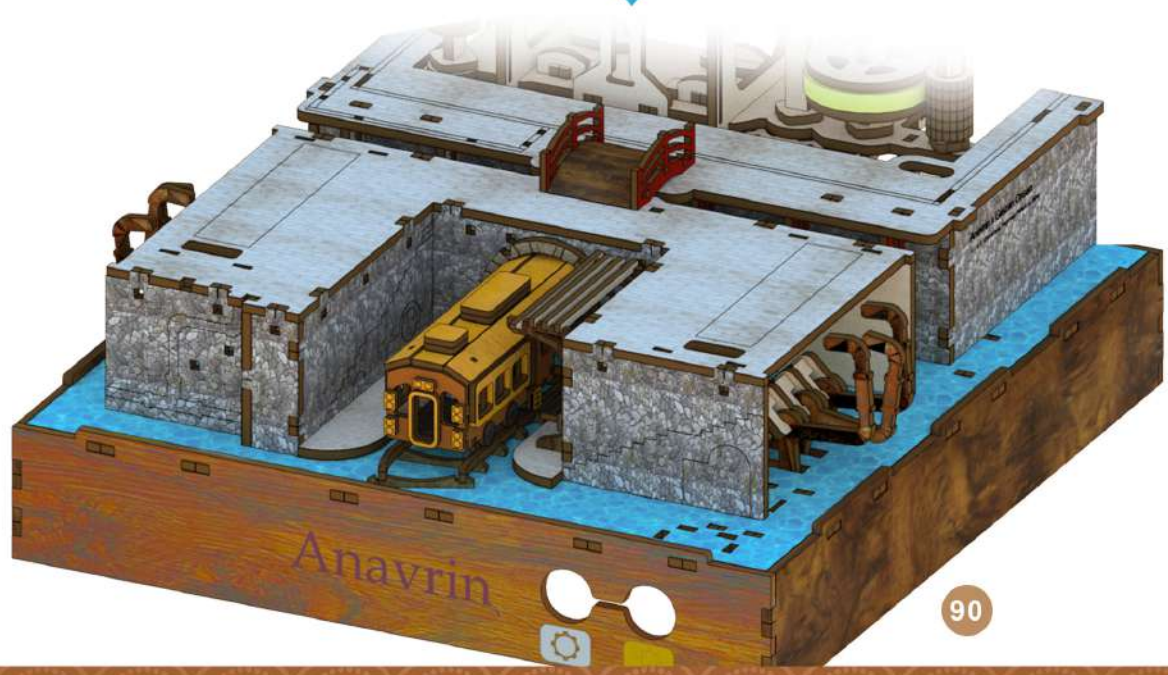
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18



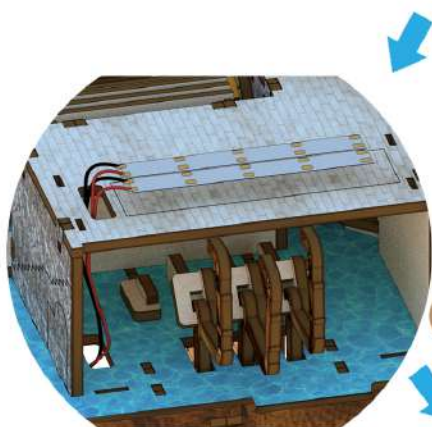
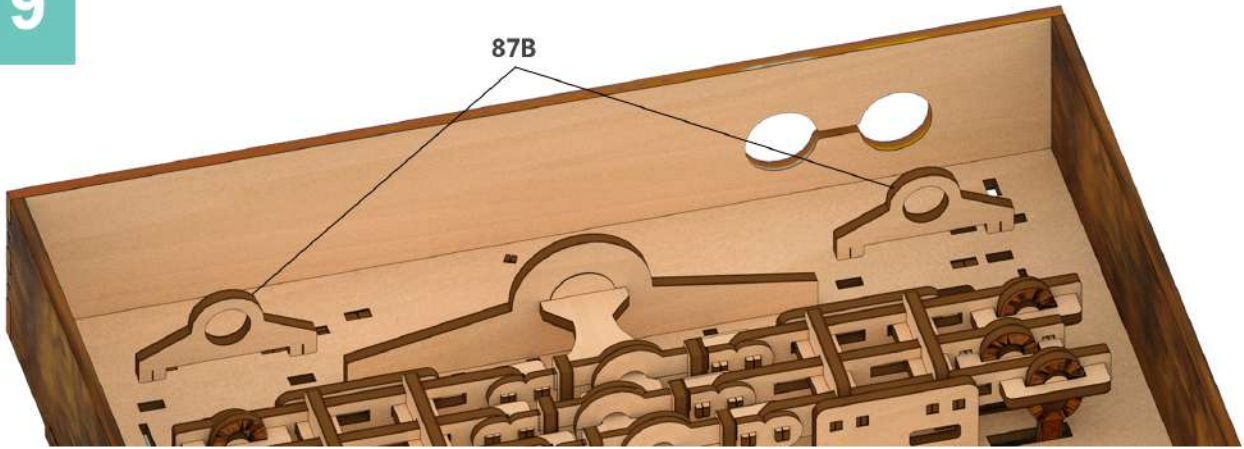
Thread the LED light wire through this hole.

89

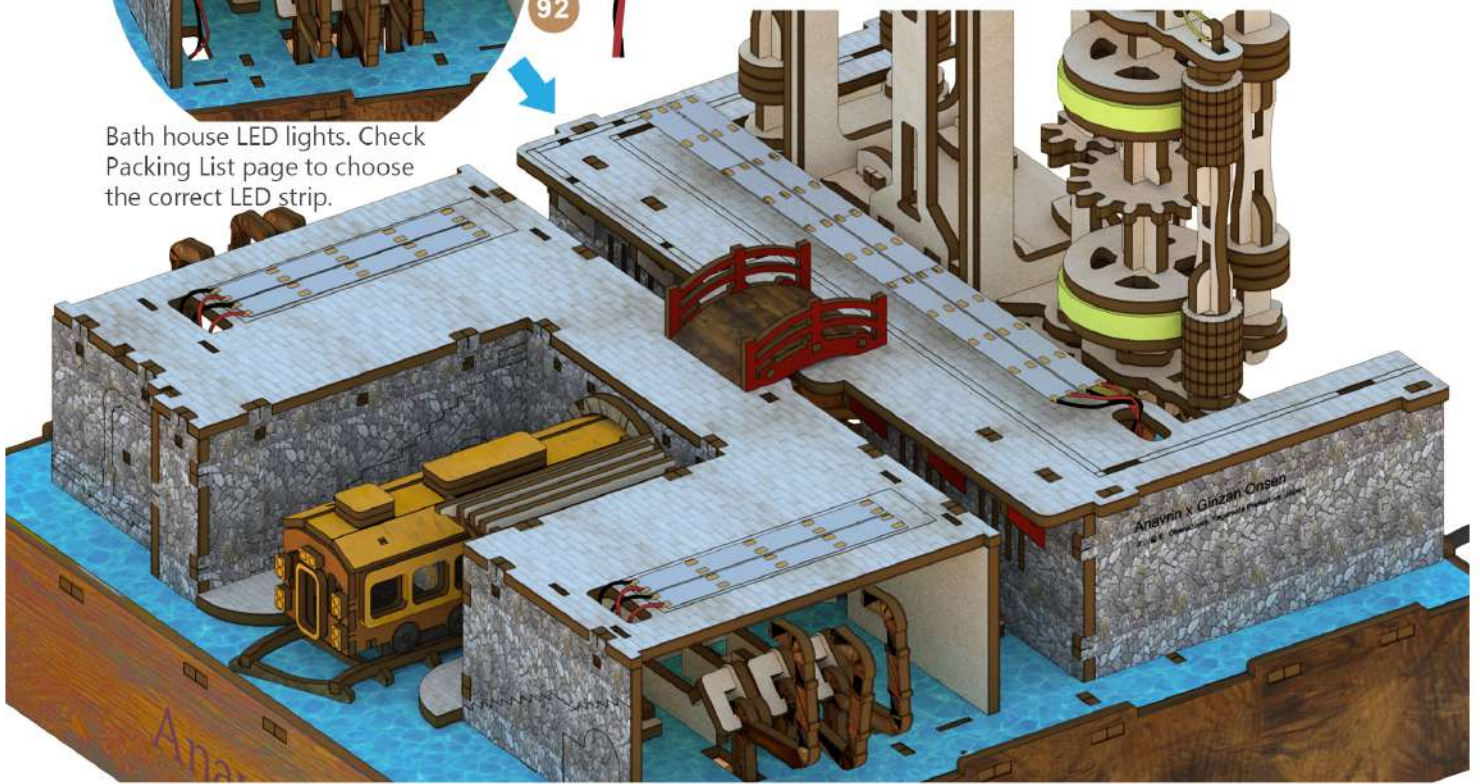
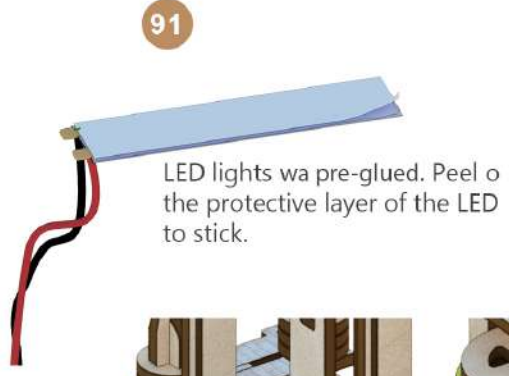


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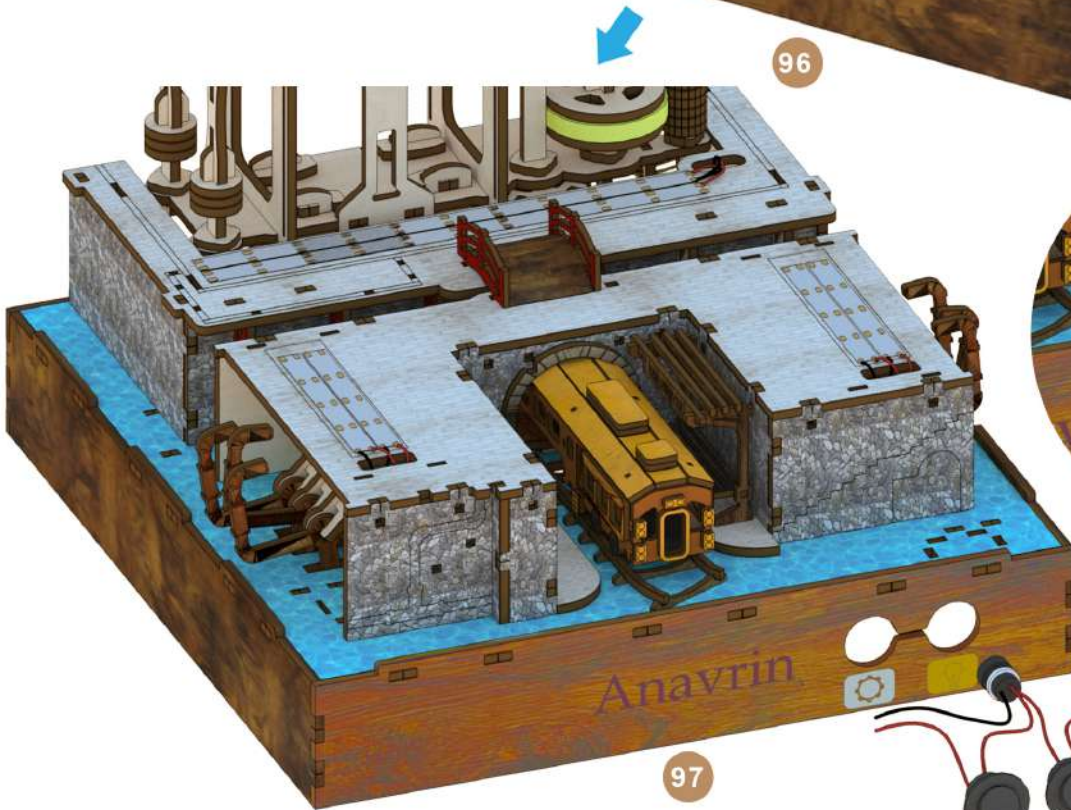
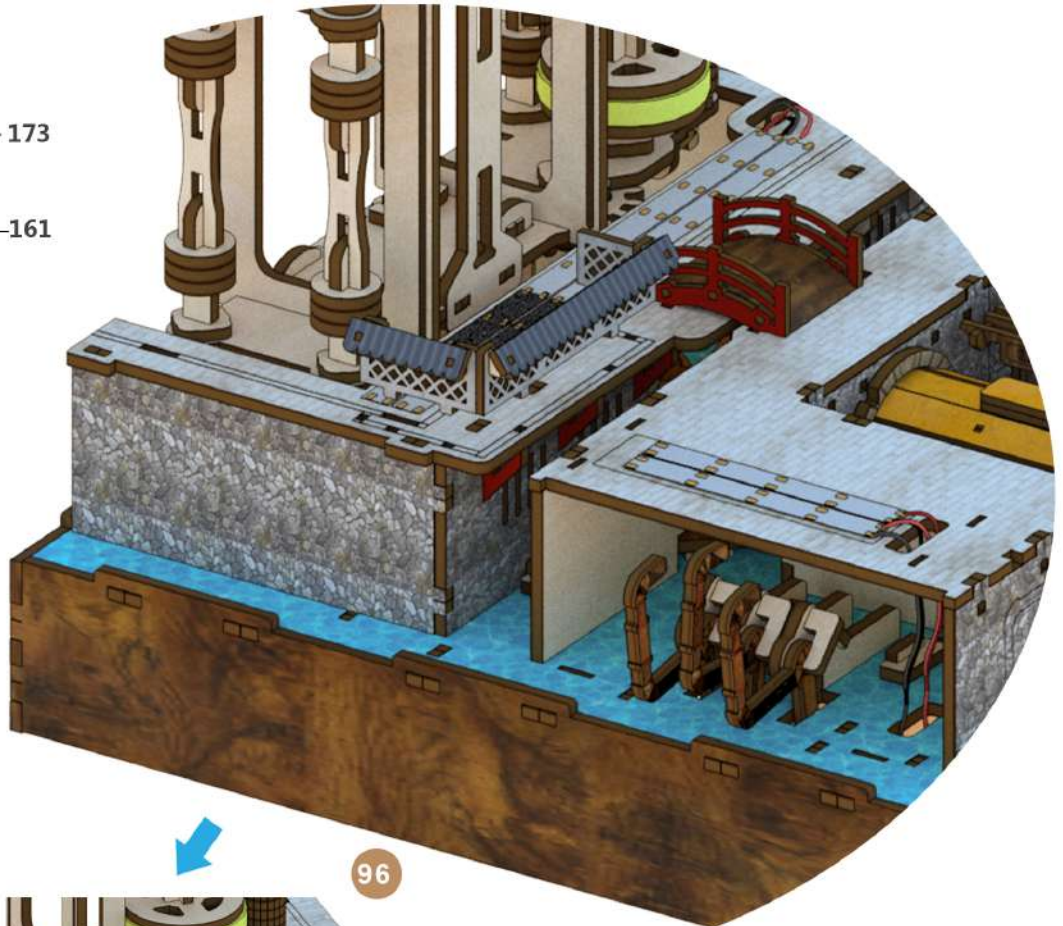
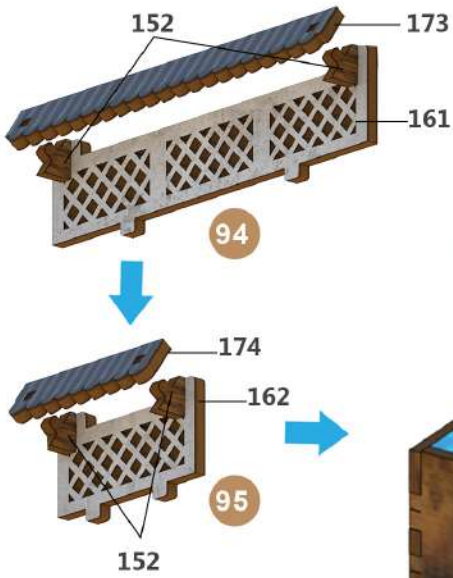
19



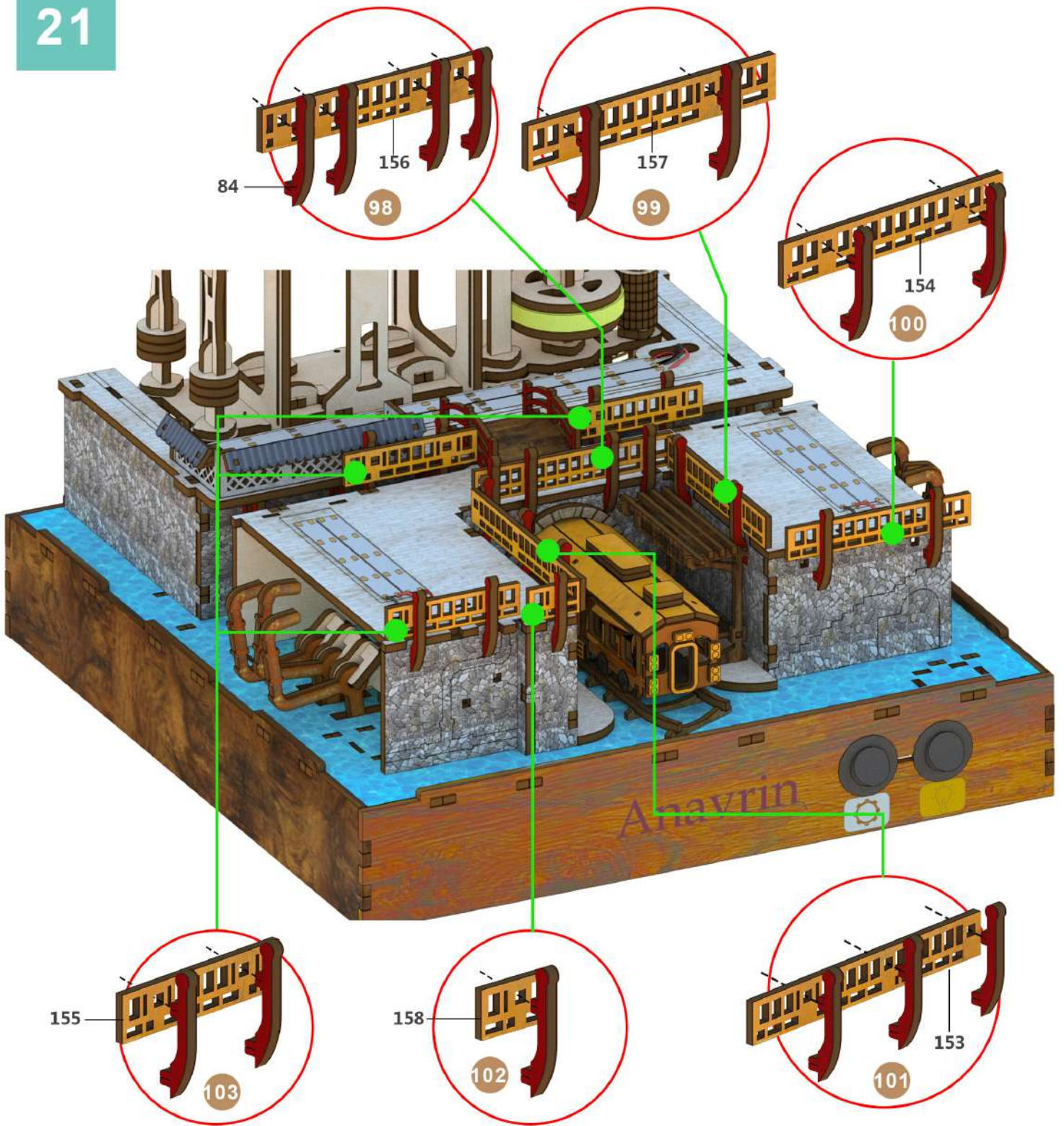
Bath house LED lights. Check Packing List page to choose the correct LED strip.



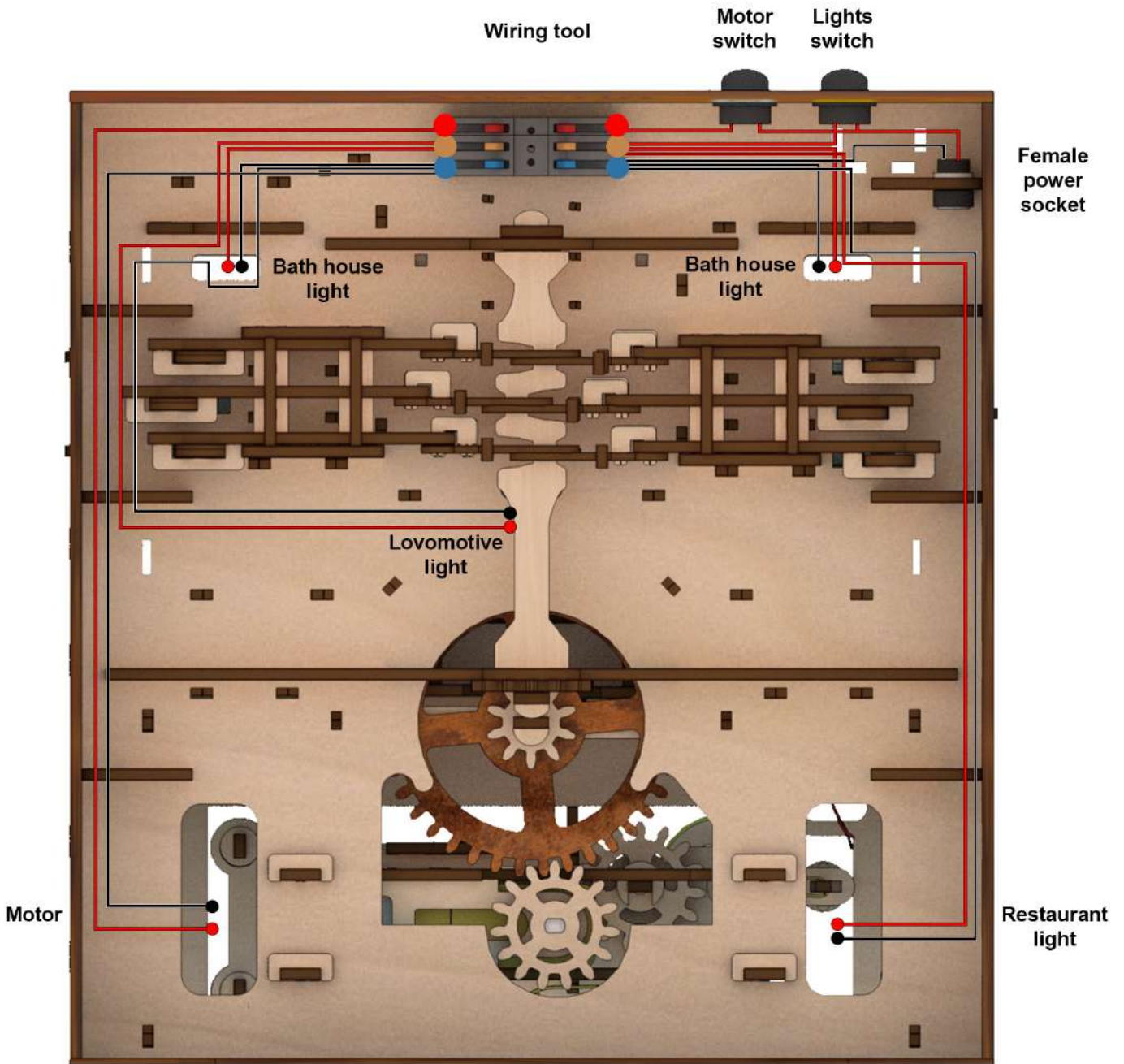
20



Insert the female power socket and switches as shown in graphics



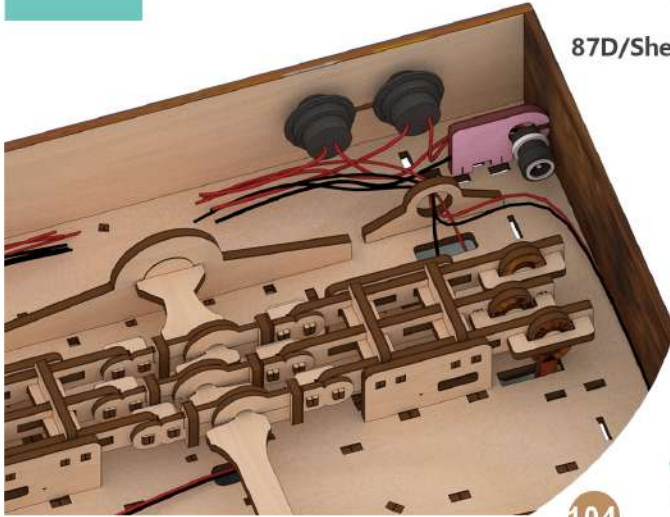
Electrical circuit diagram



Use included wiring tool to connect wires.
Follow step by step graphics in the next page.

23

Step-by-step instructions for assembling electrical wires

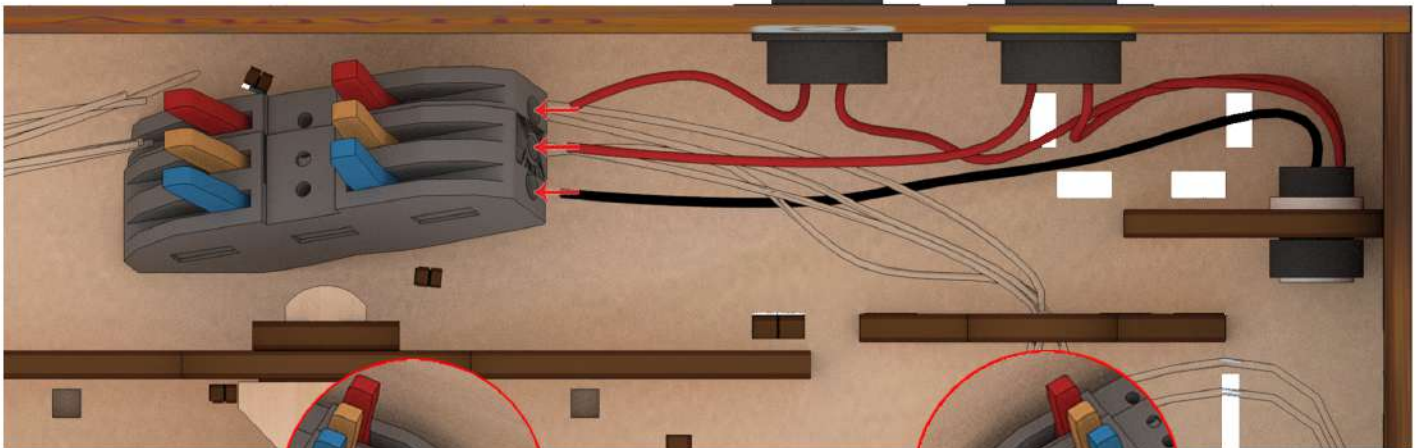


87D/Sheet R

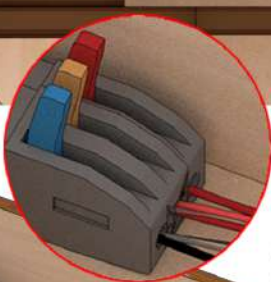
104



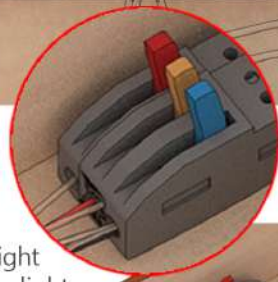
Make sure **10 - 15mm (0.4 - 0.6 inch)** of the metal part of the wire is **exposed** before connecting with a wiring tool.



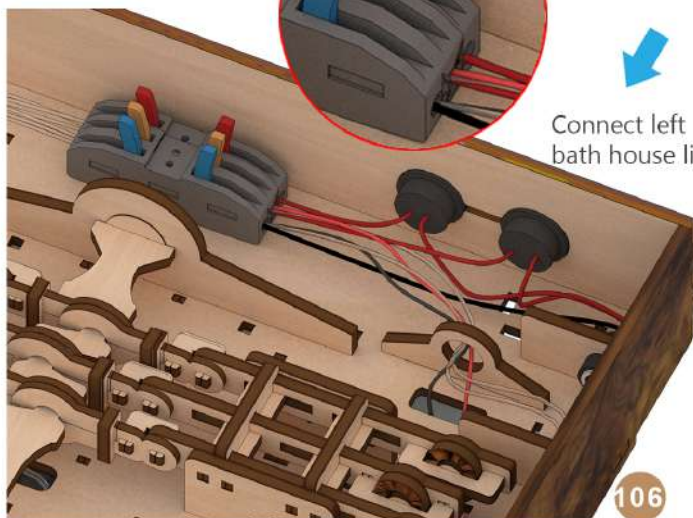
105



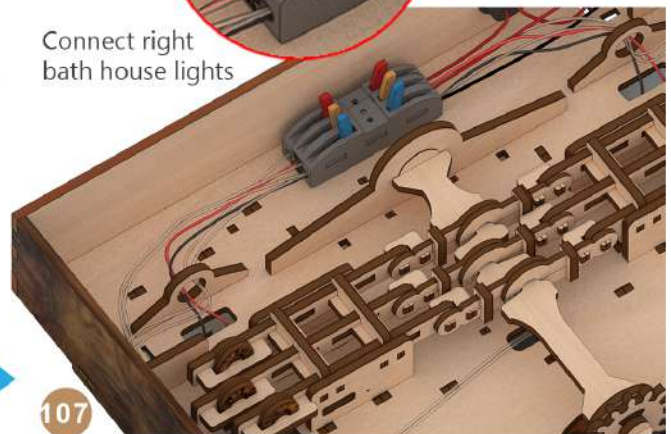
Connect left bath house lights



Connect right bath house lights



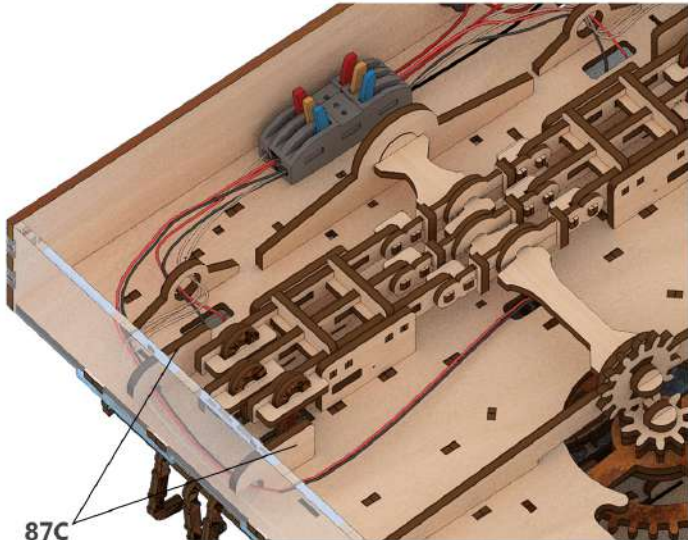
106



107

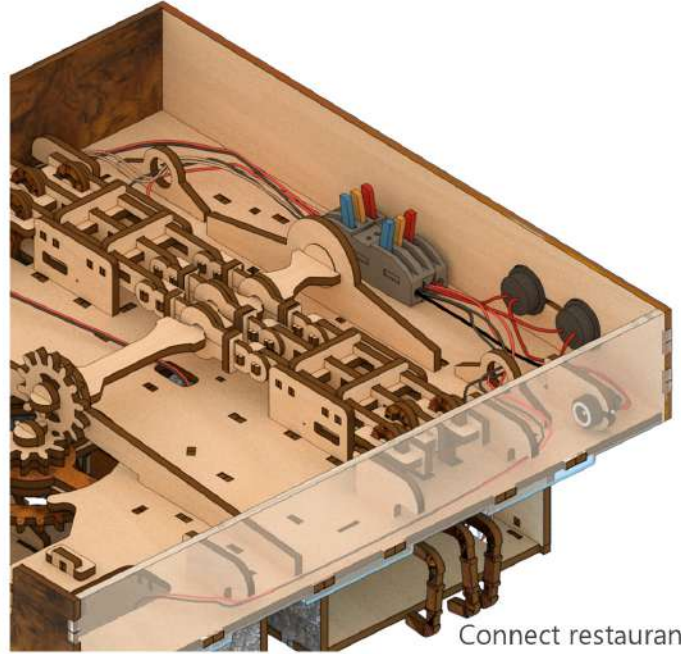
24

Step-by-step instructions for assembling electrical wires



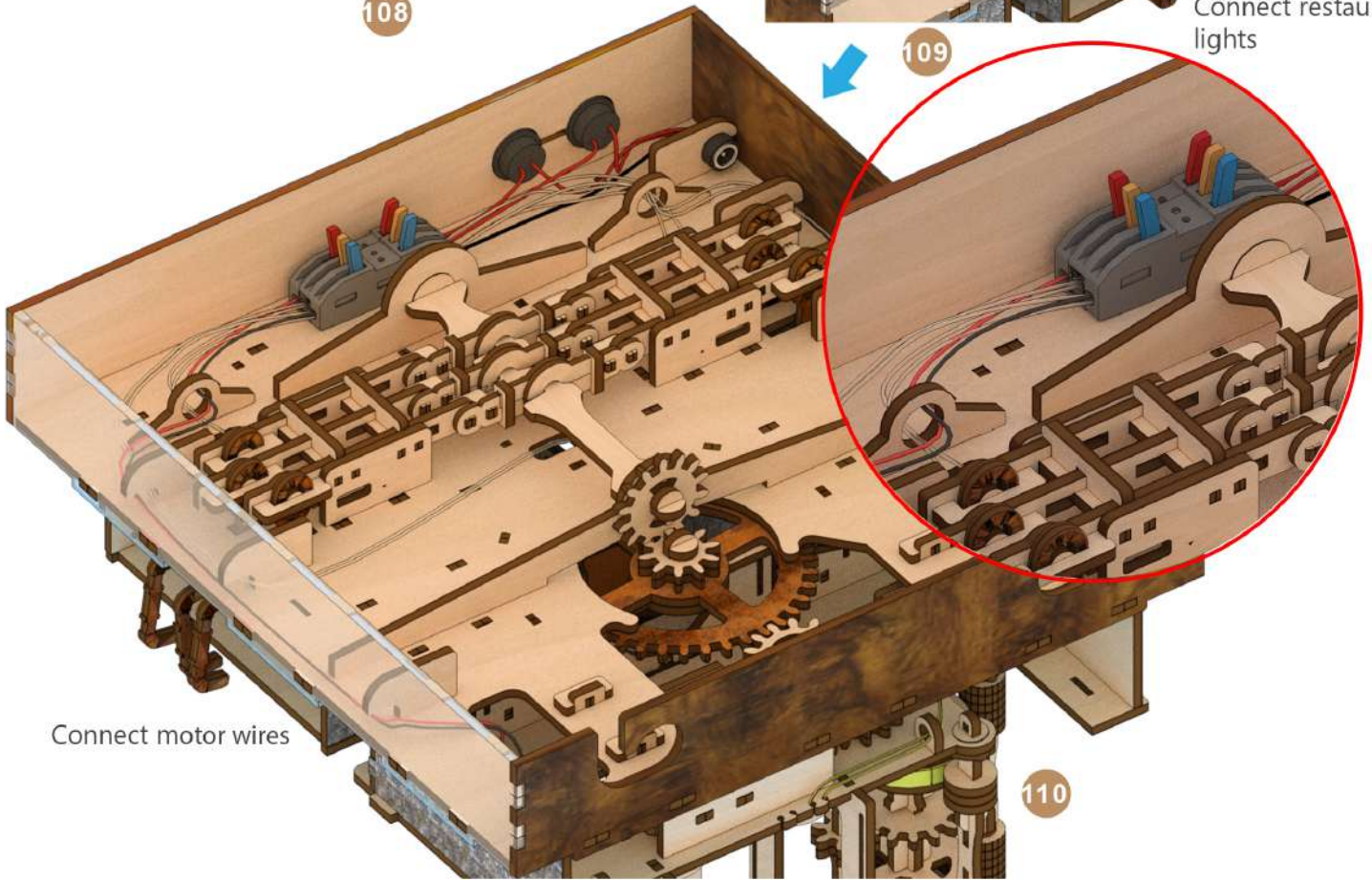
Connect locomotive lights

108



Connect restaurant lights

109

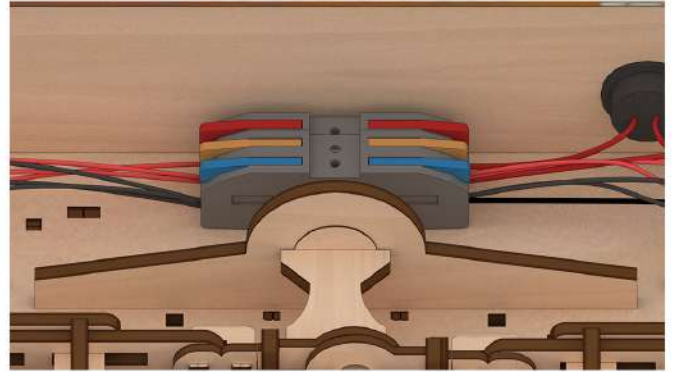
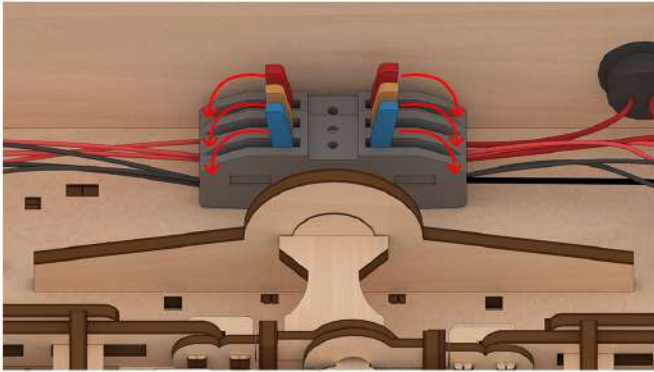


Connect motor wires

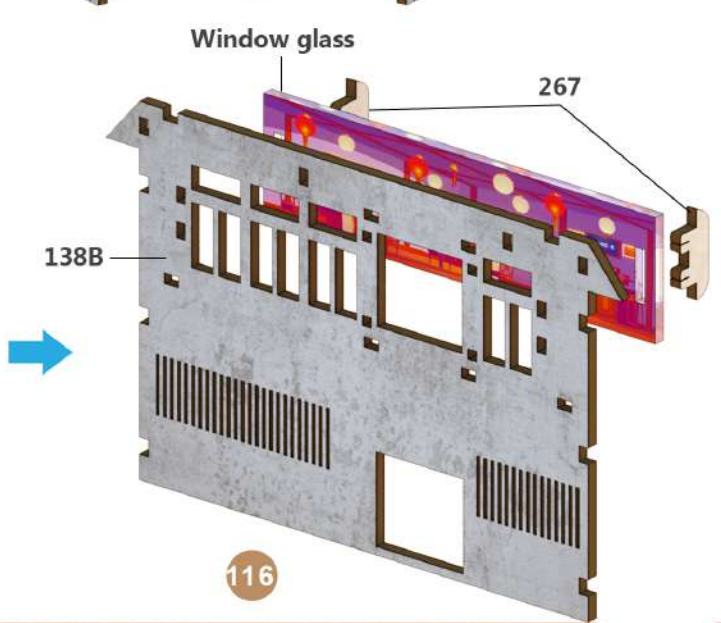
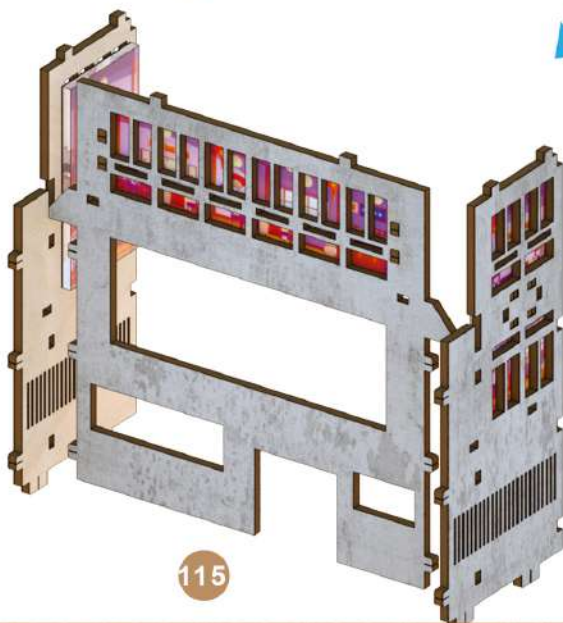
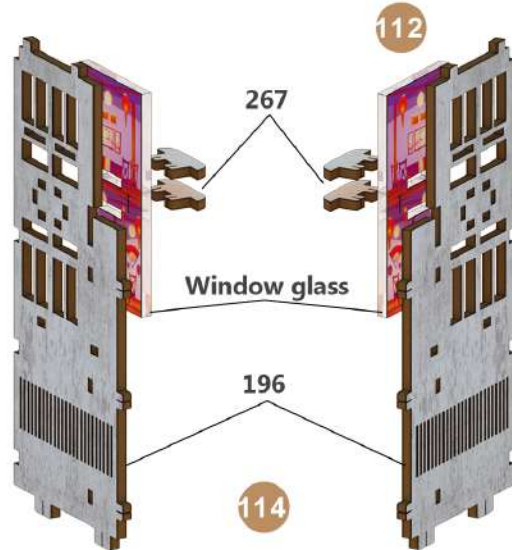
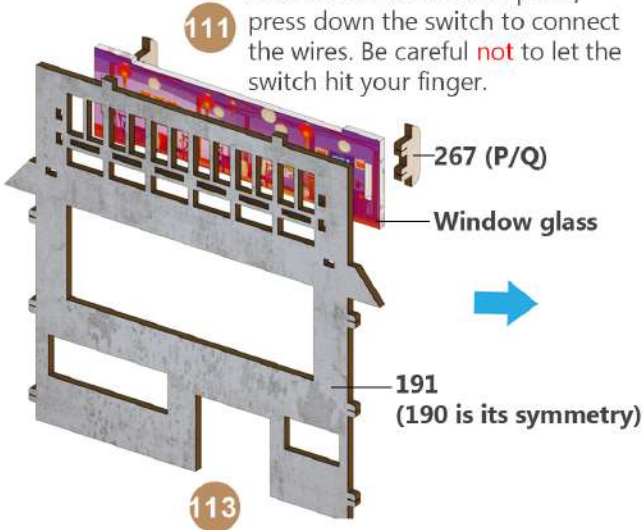
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25

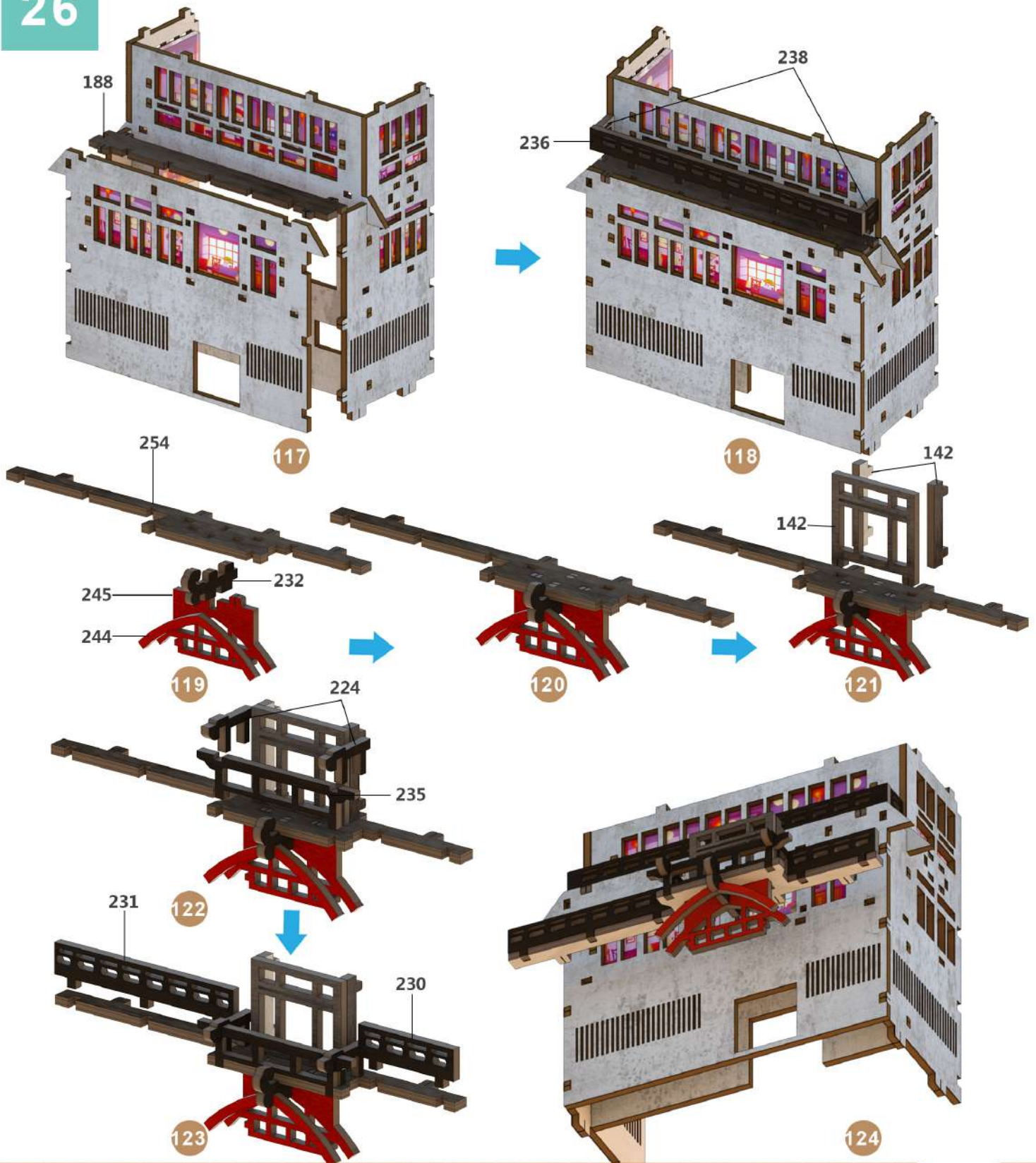
Step-by-step instructions for assembling electrical lines



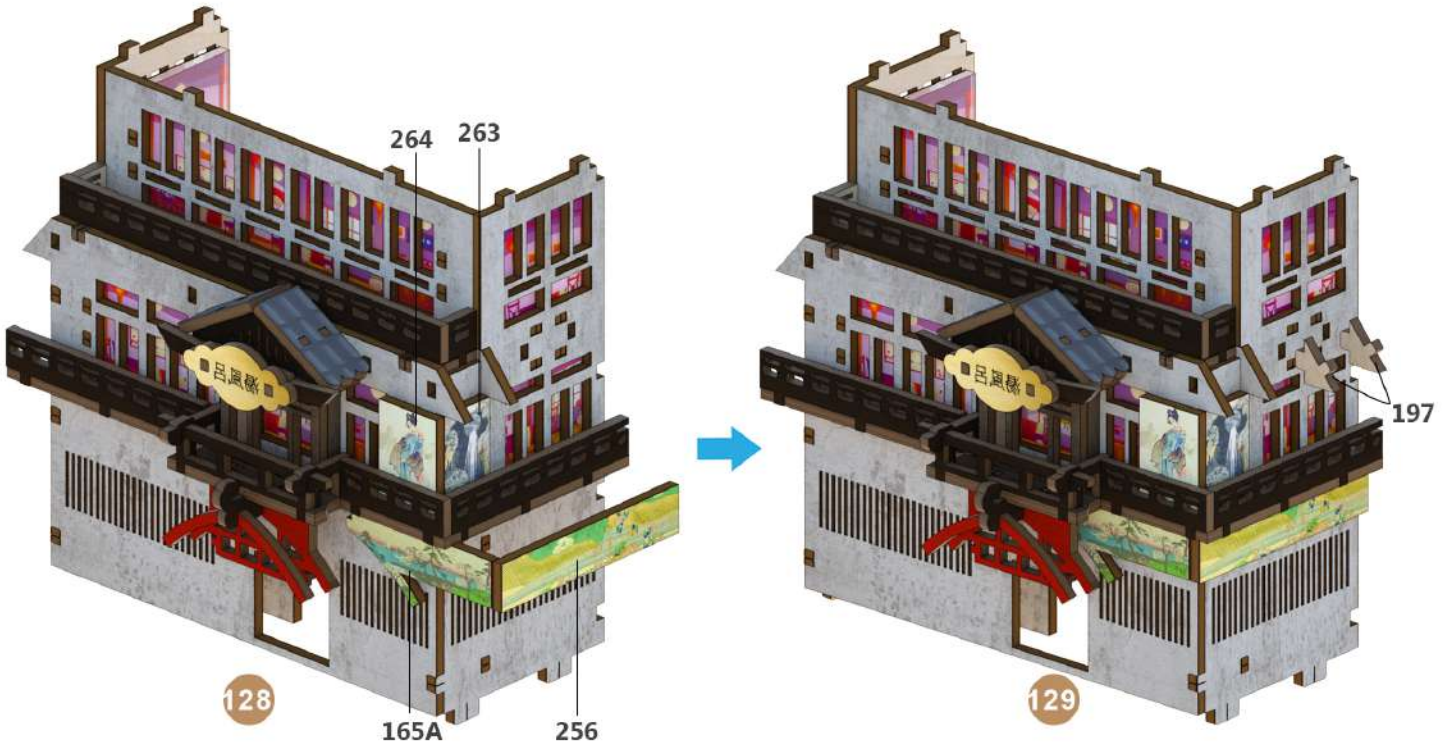
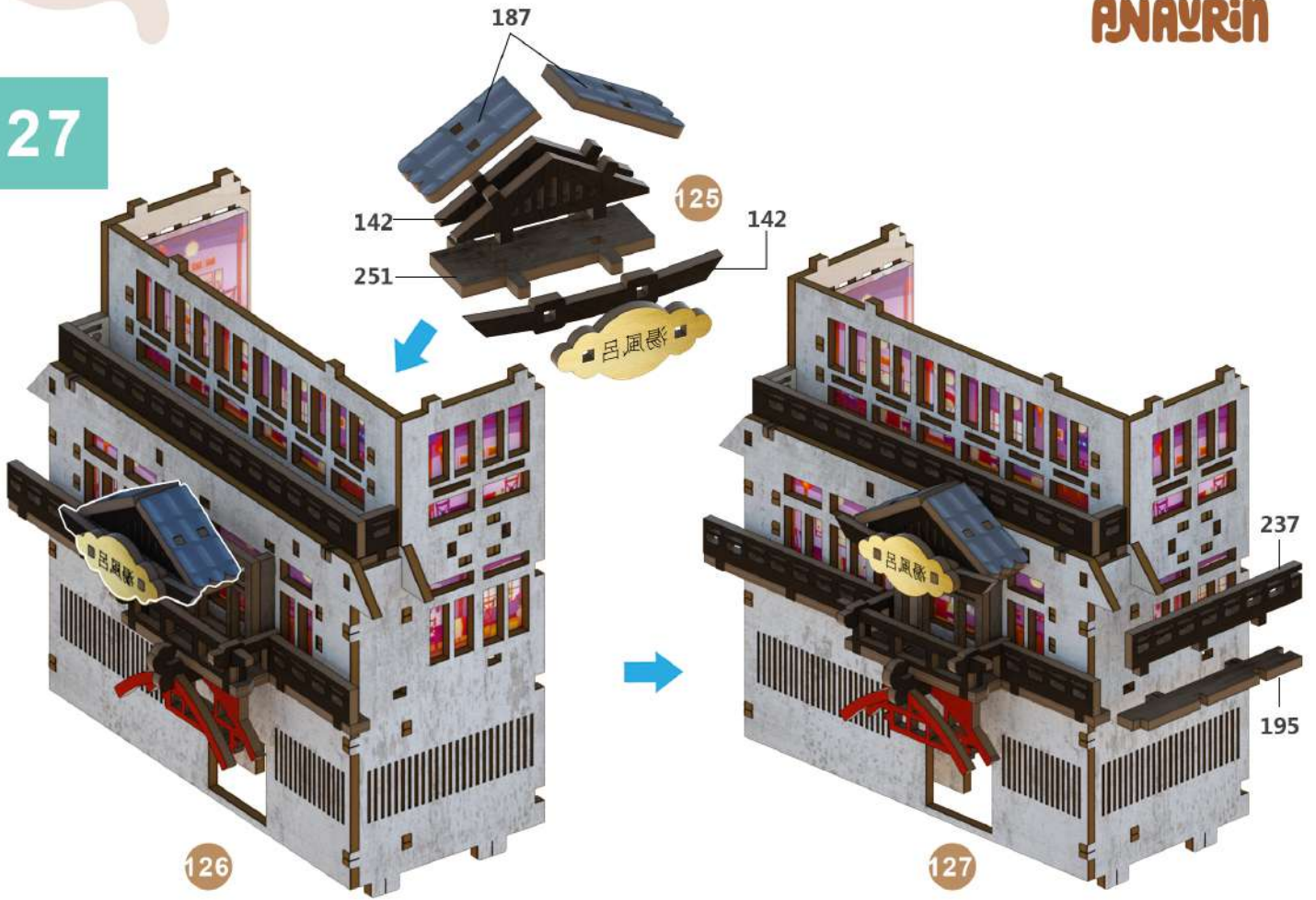
After all the wires are in place, press down the switch to connect the wires. Be careful **not** to let the switch hit your finger.



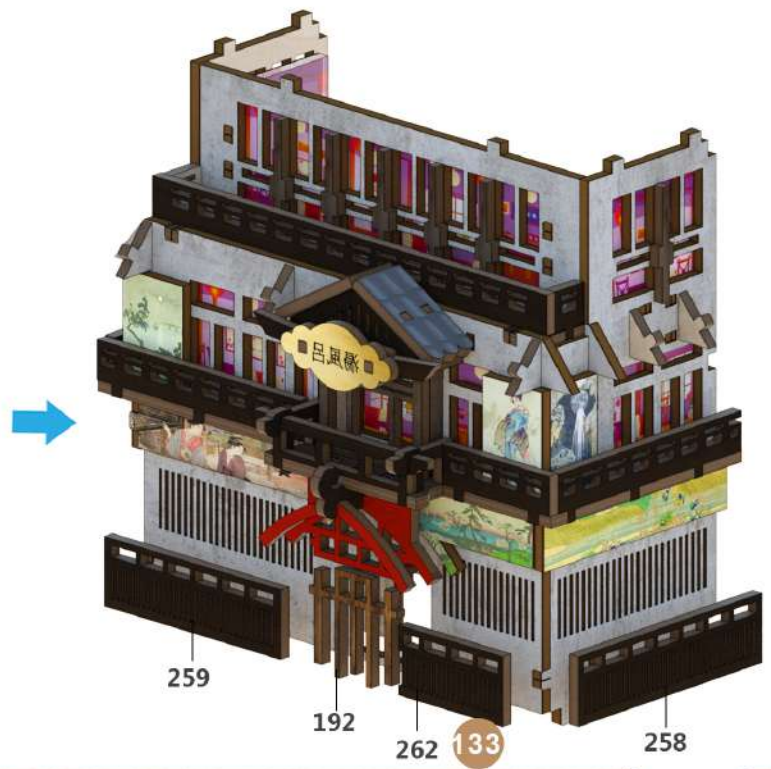
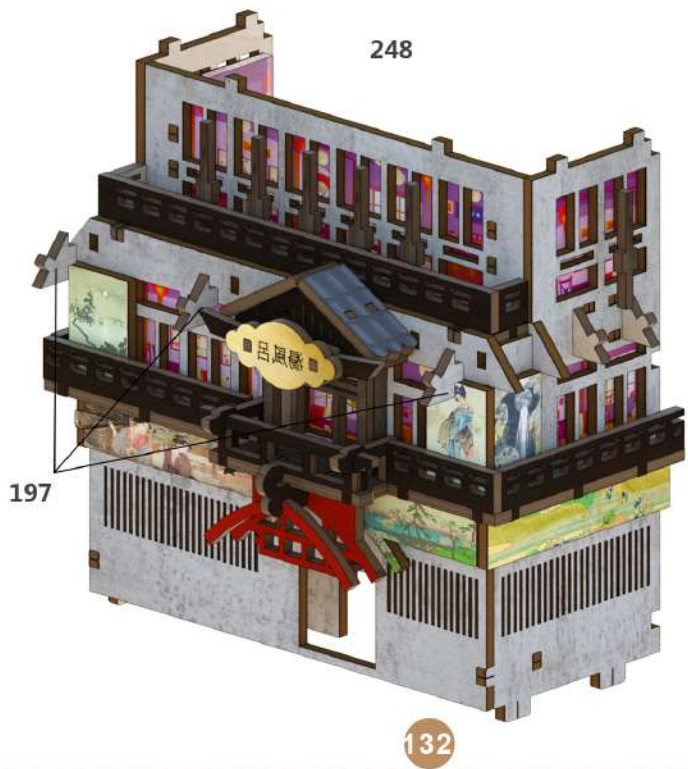
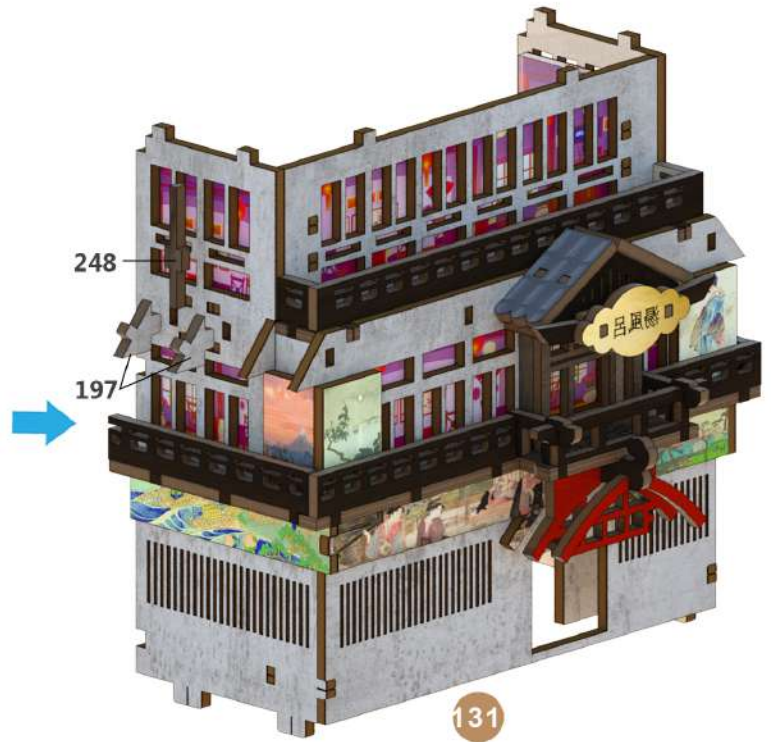
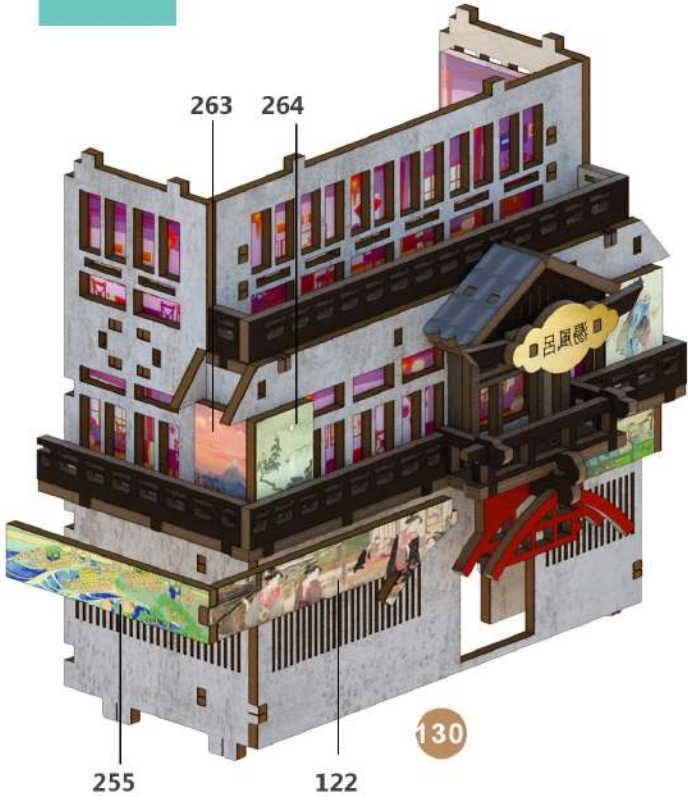
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27



28



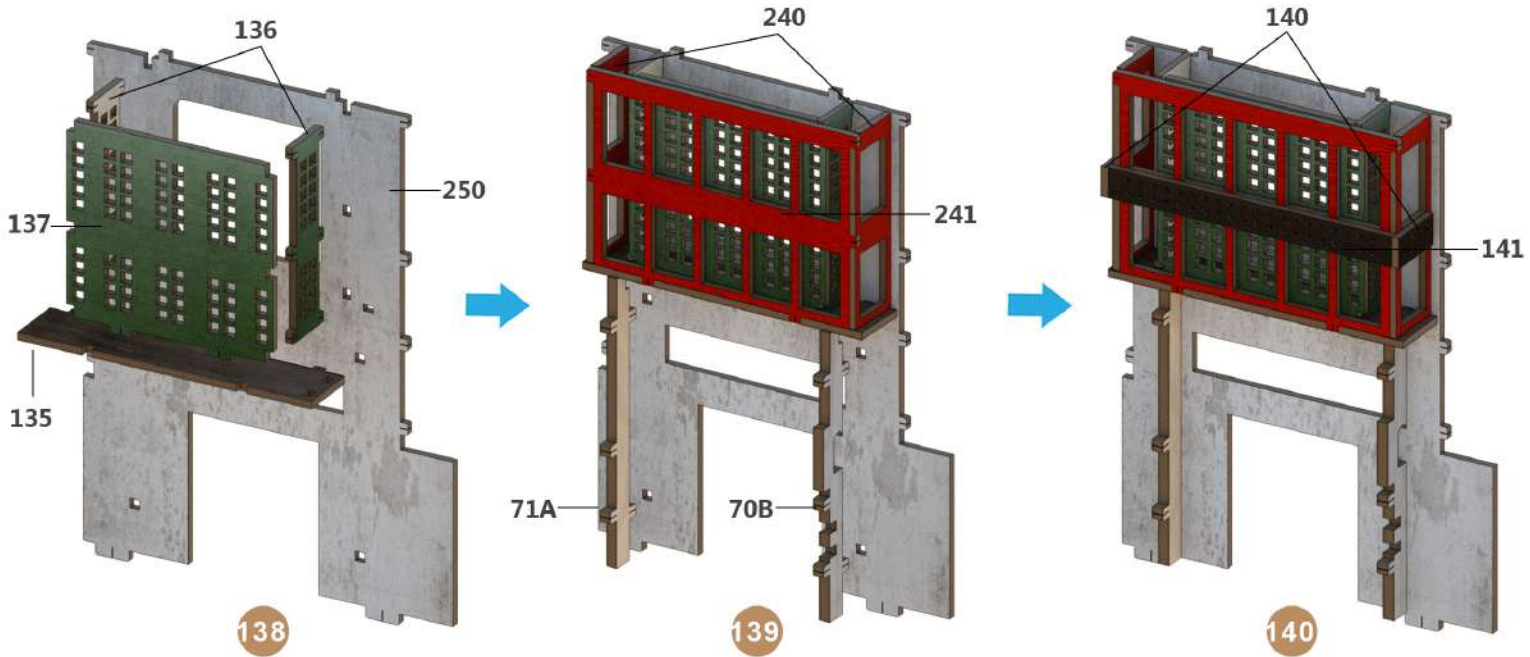
29



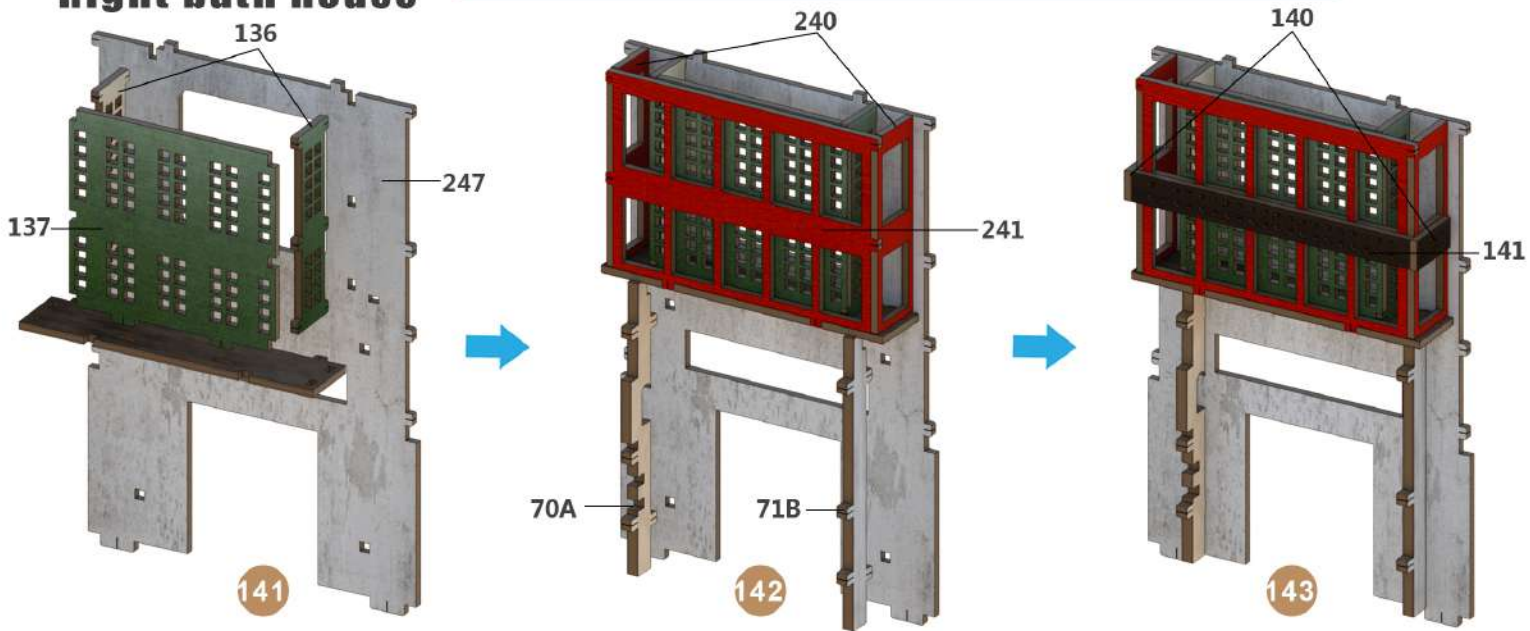
Do the same to make other side bath house in **symmetry**

30

Left bath house

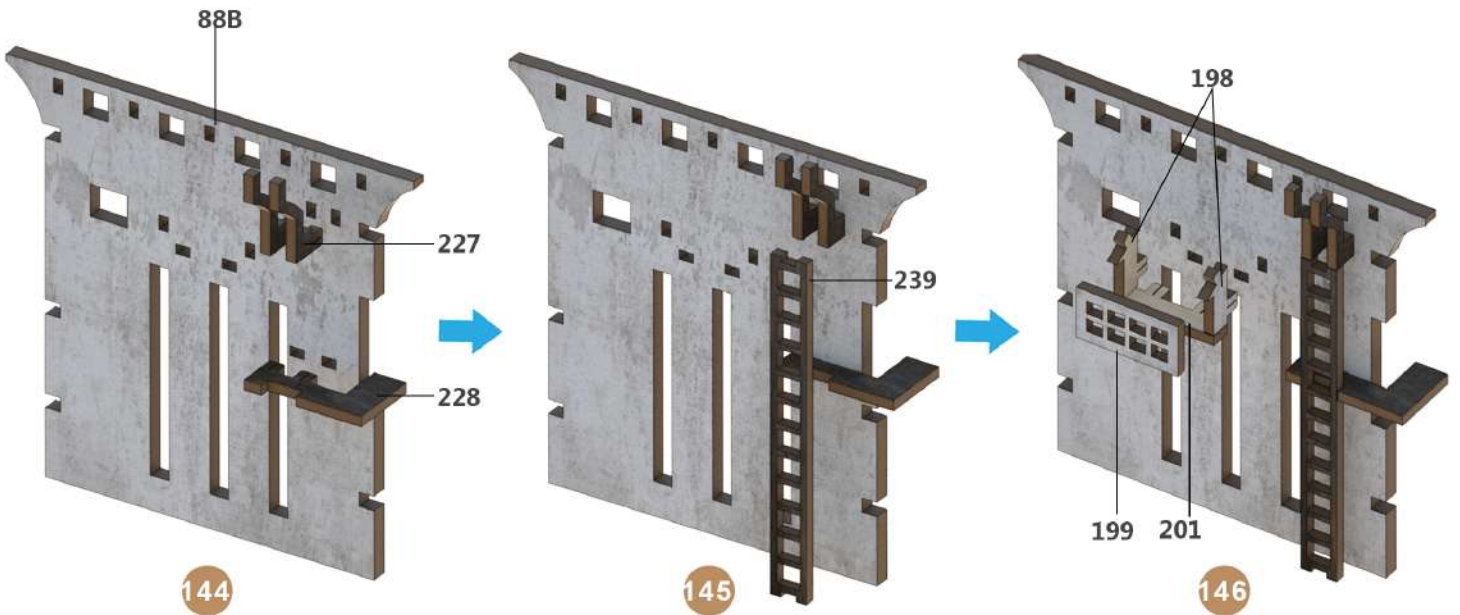


Right bath house

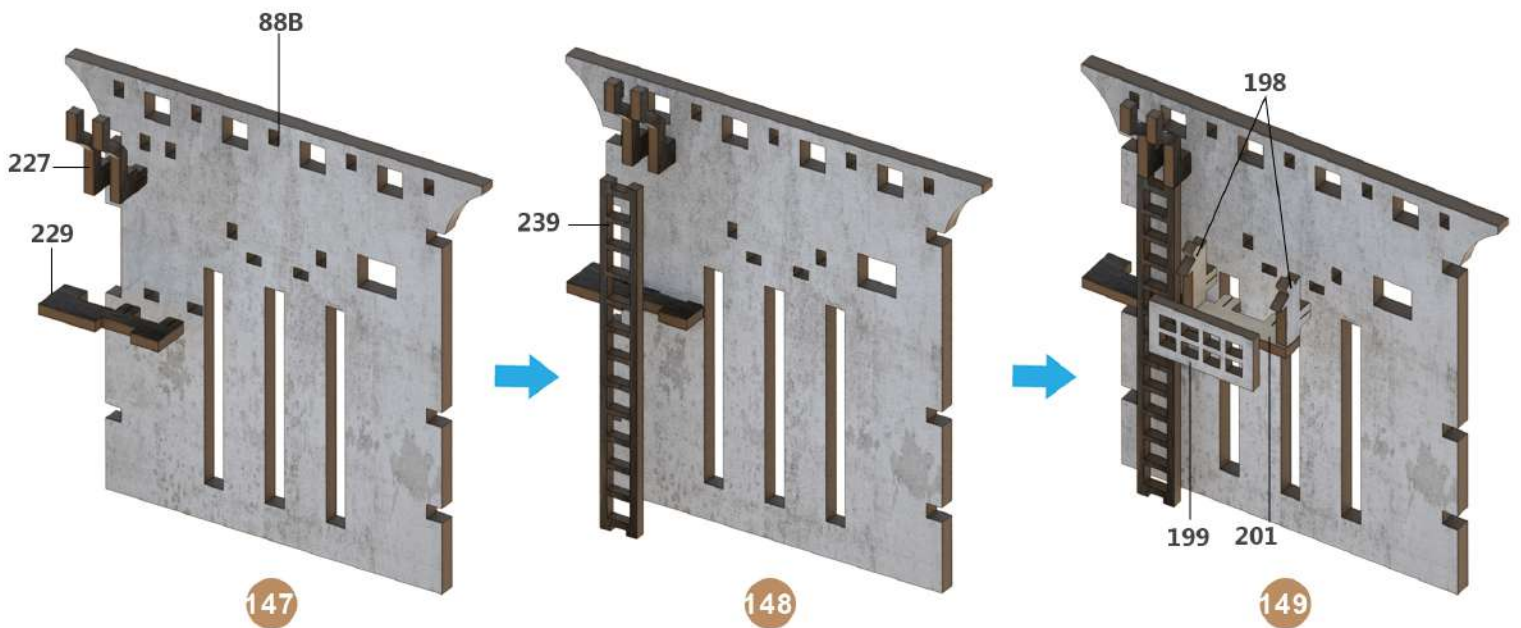


31

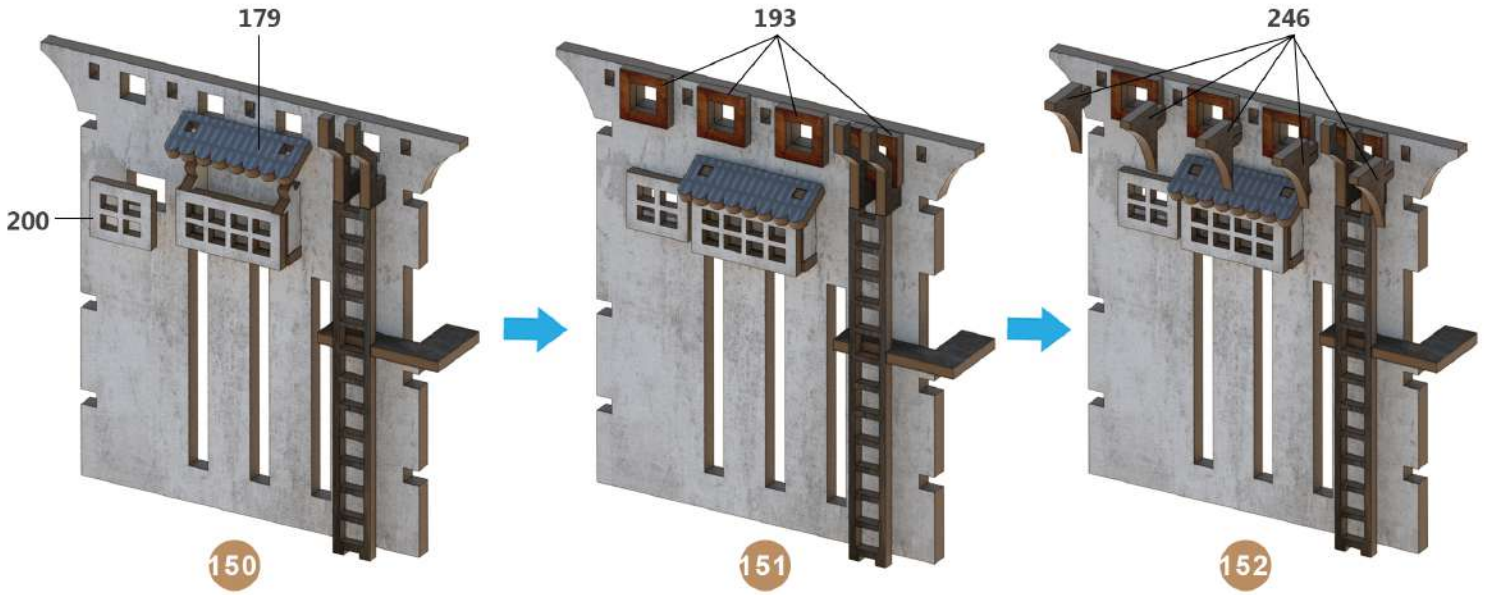
Left bath house



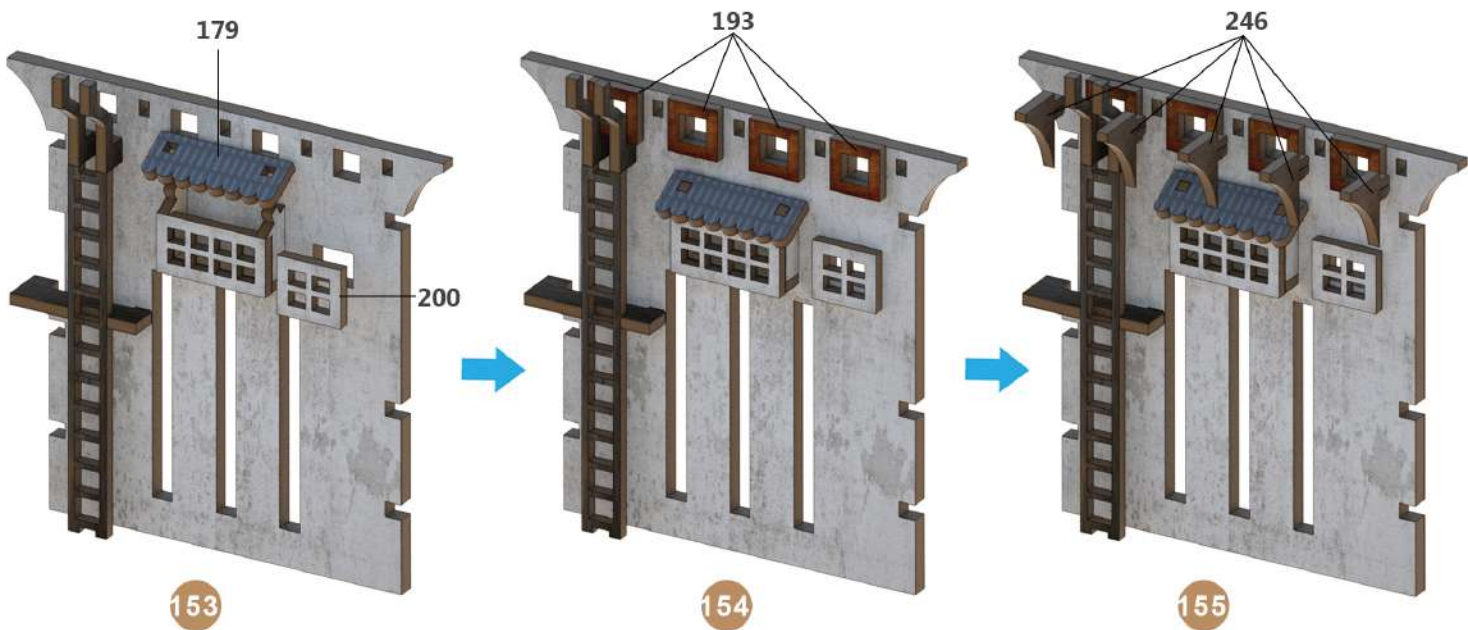
Right bath house



Left bath house



Right bath house



33

Left bath house

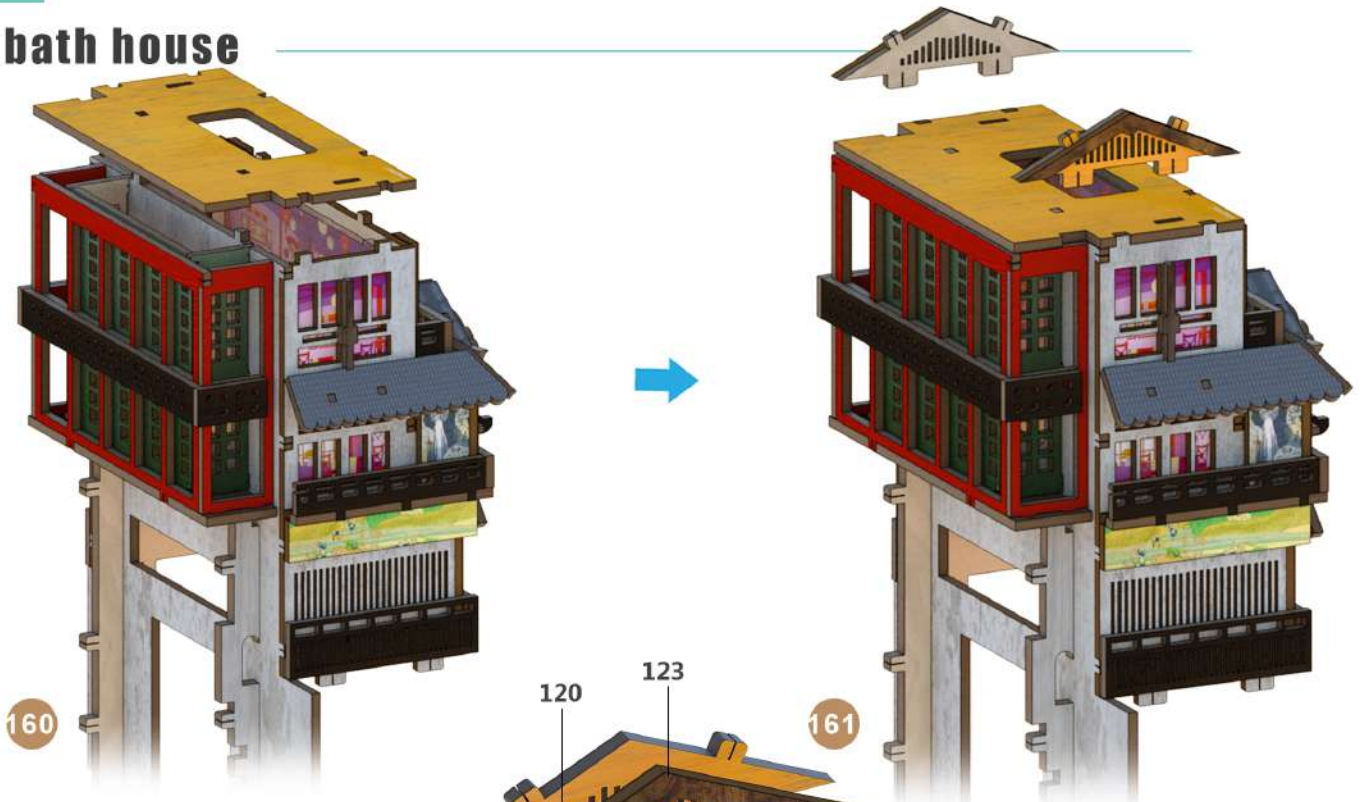


Right bath house

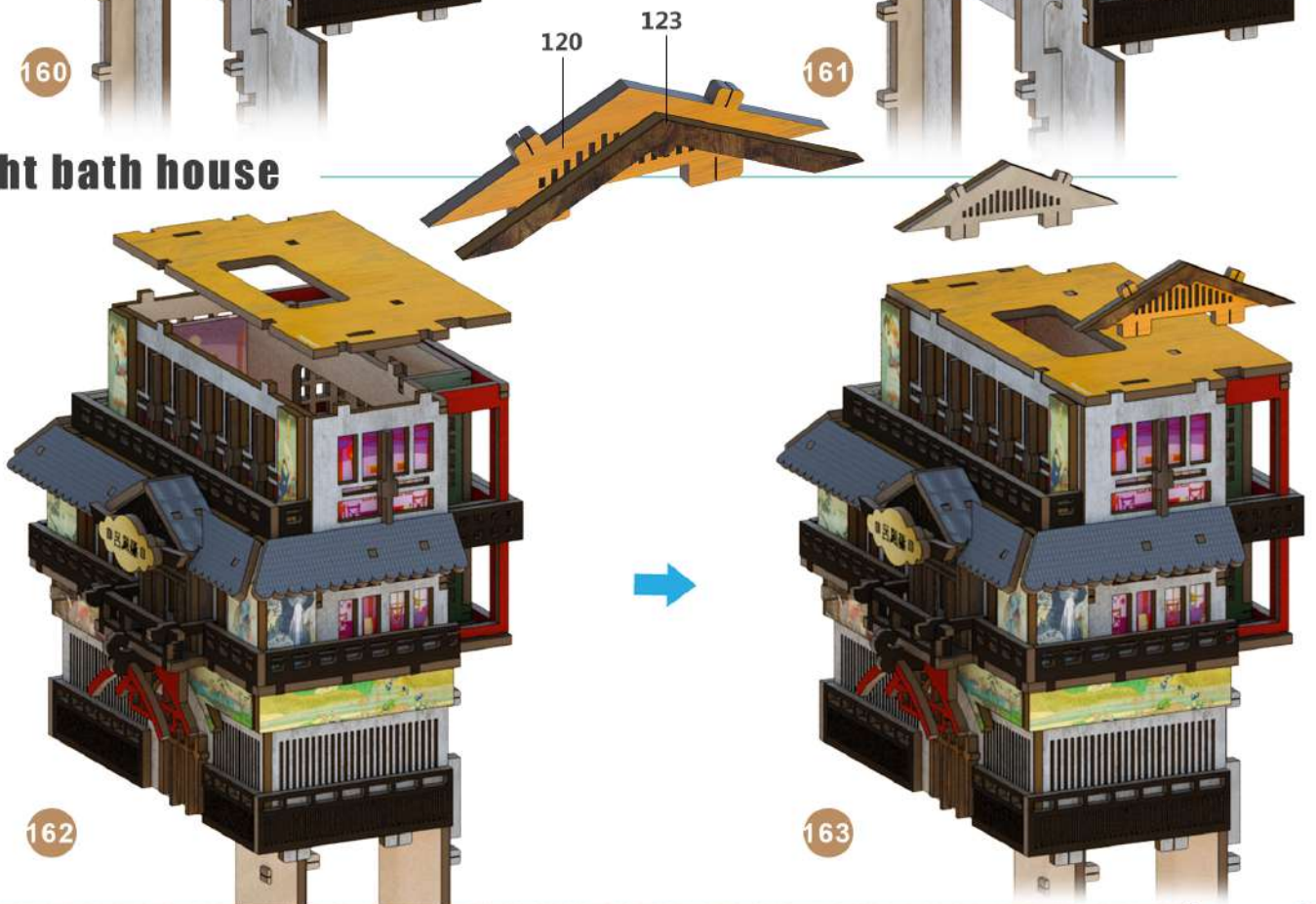


34

Left bath house



Right bath house

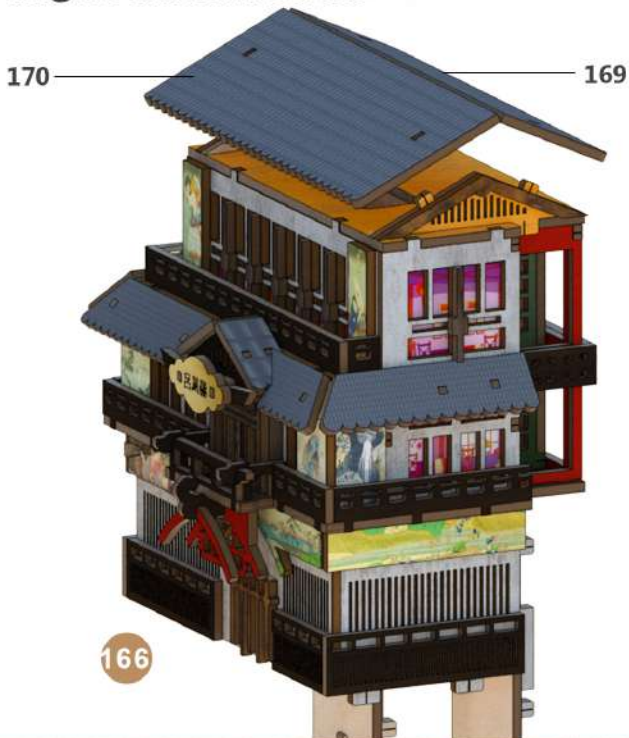


35

Left bath house



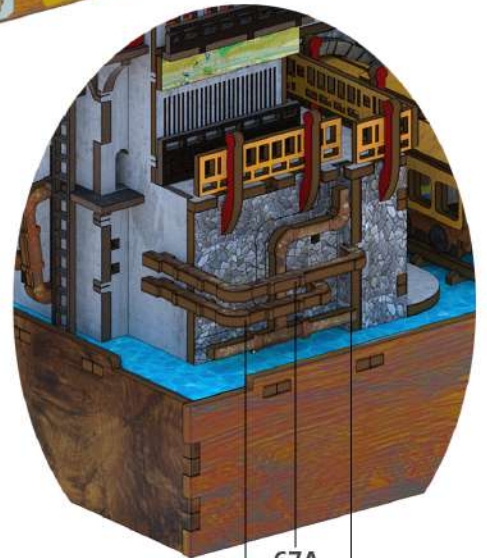
Right bath house



36

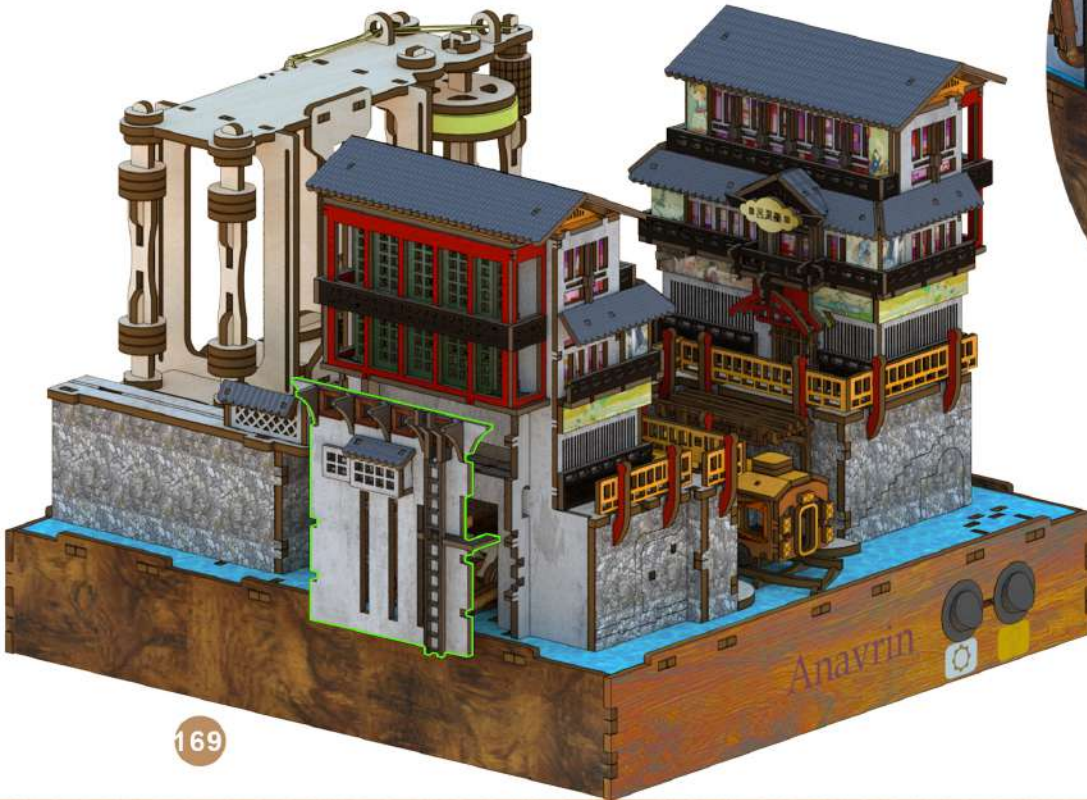


168

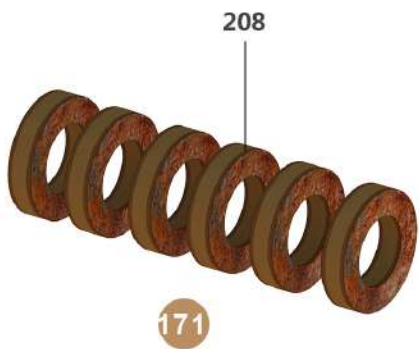
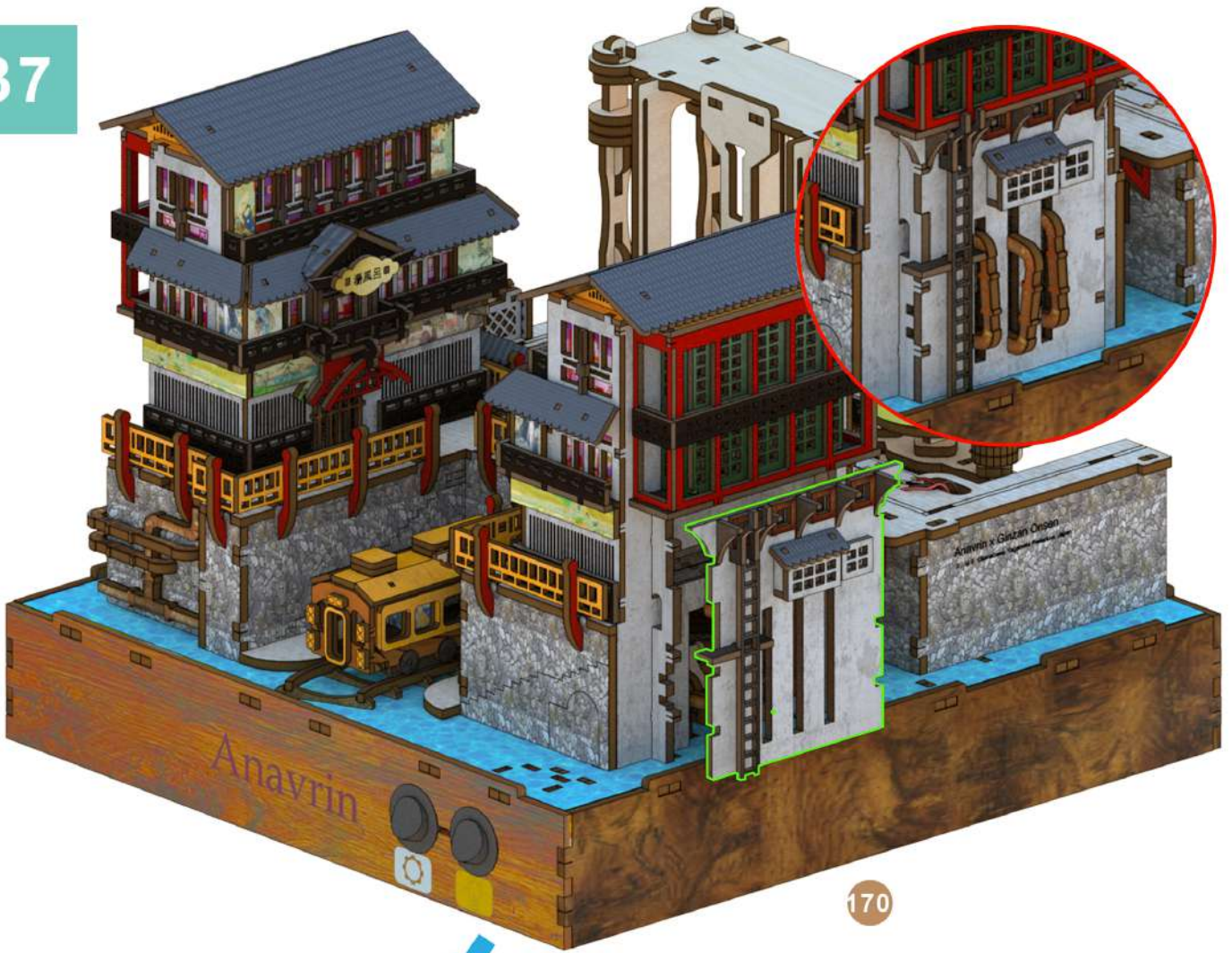


67A
67B 68

169

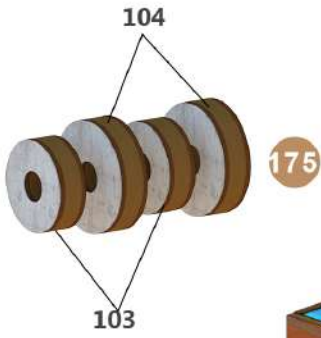
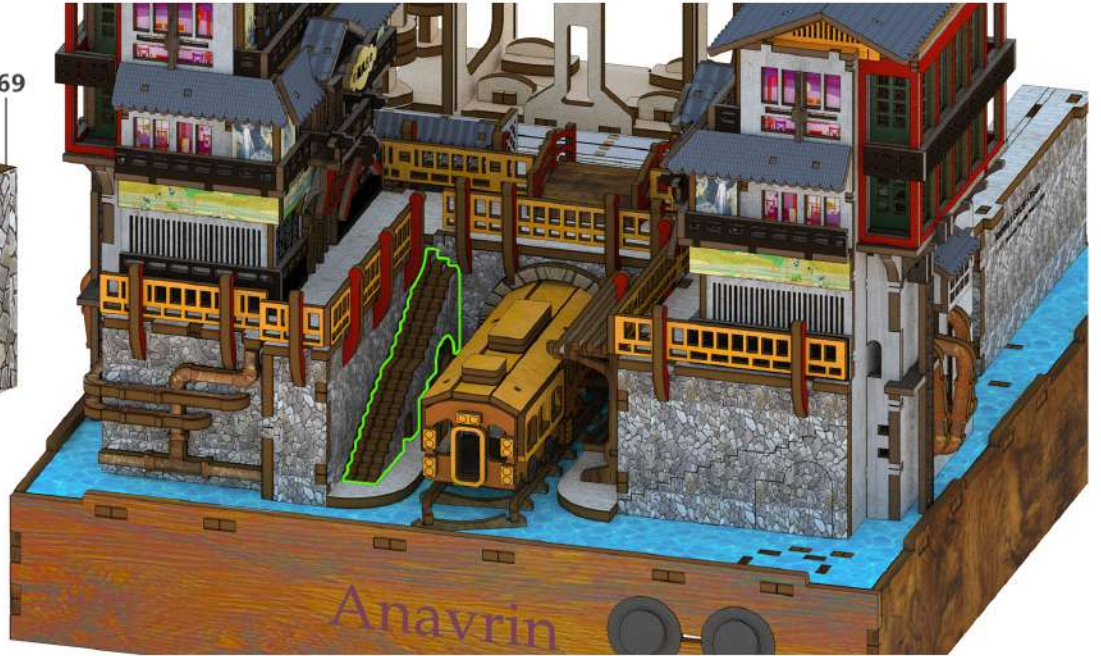
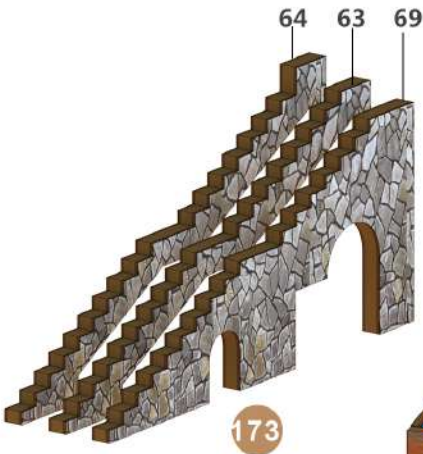


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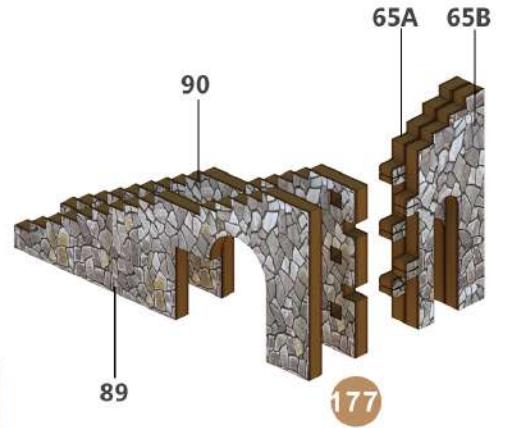
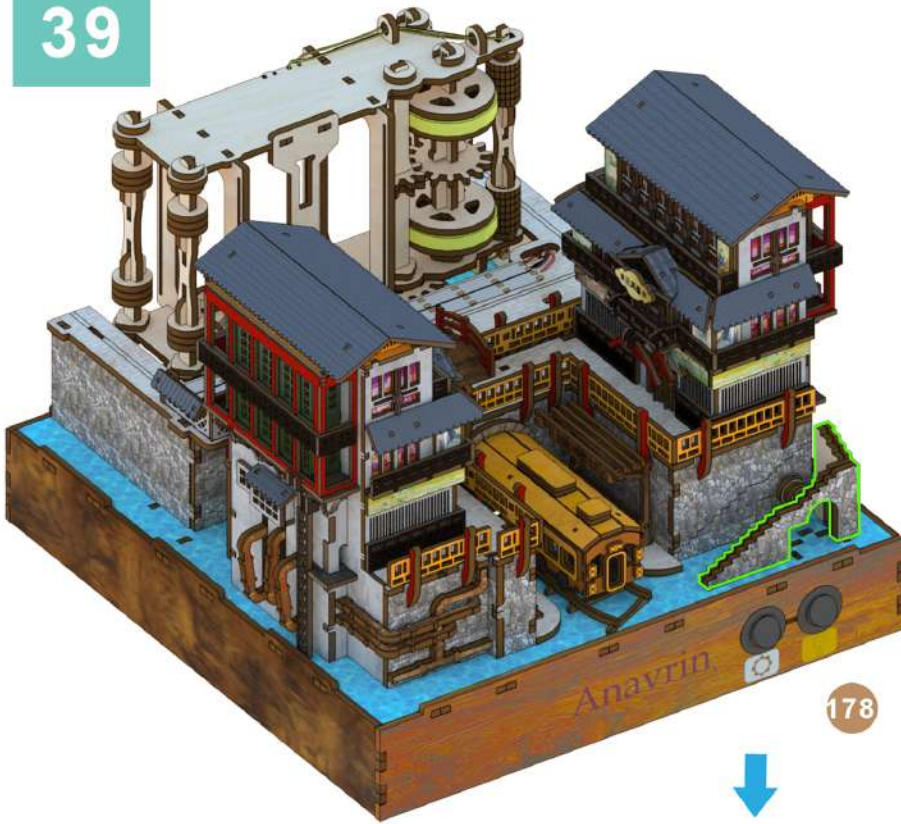


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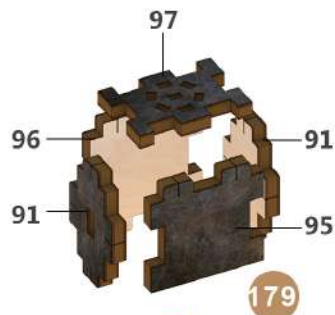
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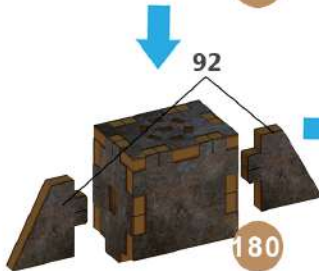
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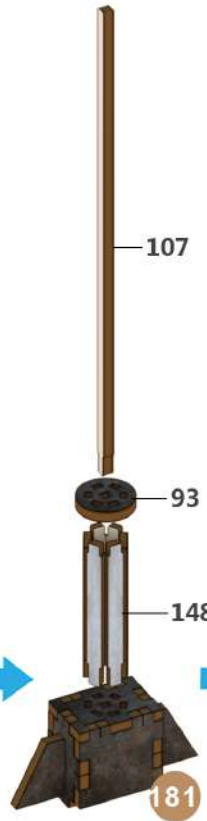
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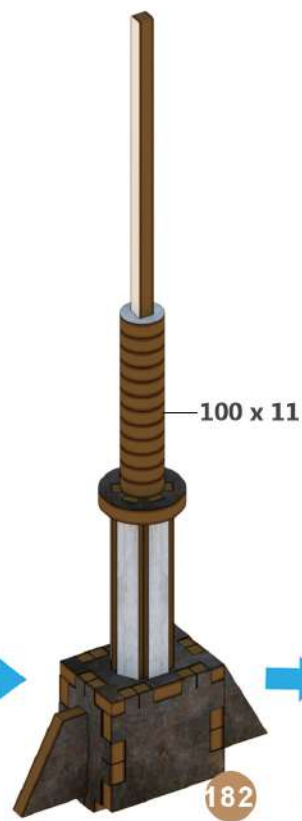
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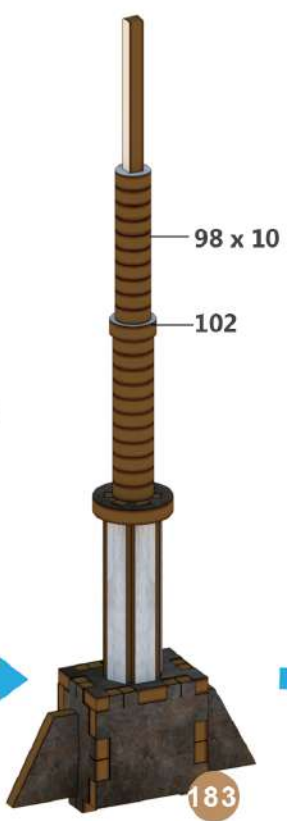
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181



182

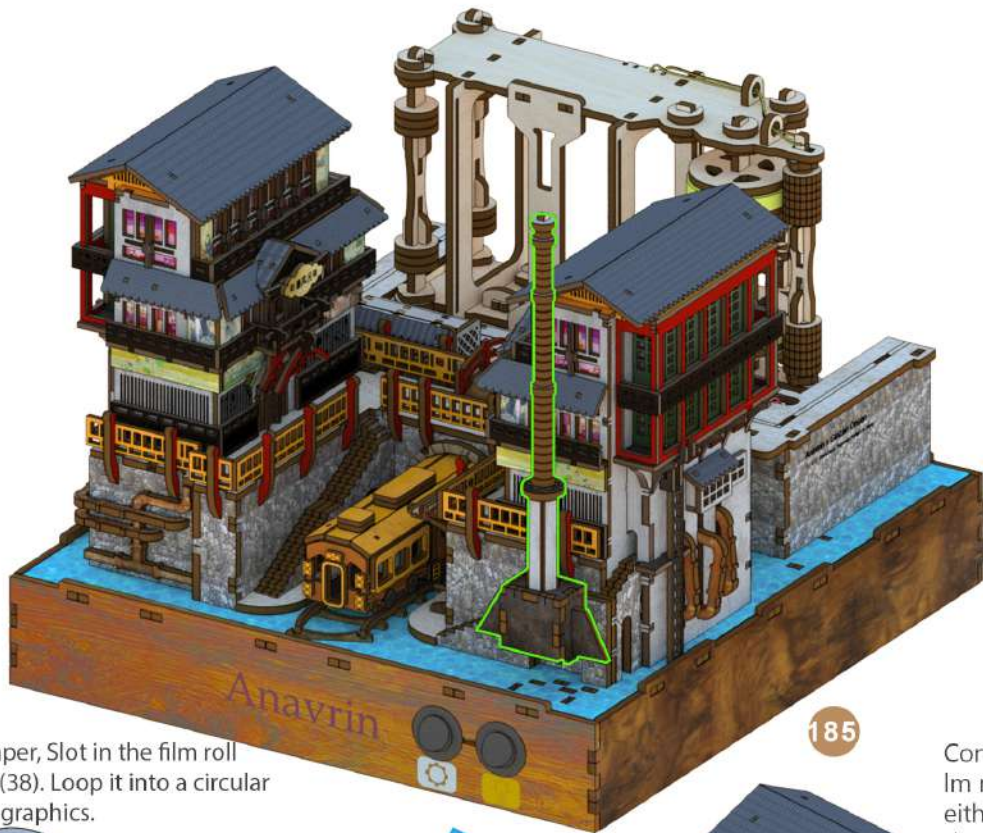


183



184

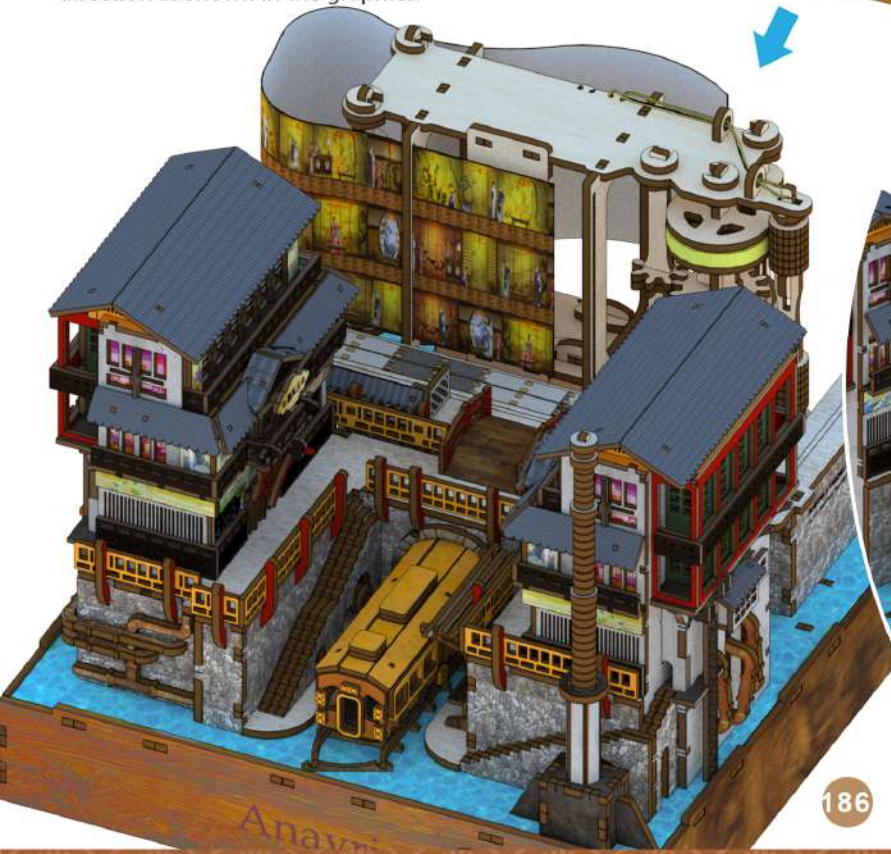
40



Cut the film out of the paper, Slot in the film roll into the openings of part (38). Loop it into a circular direction as shown in the graphics.

185

Connect both ends of the film roll into a loop with either paper glue or double-sided tape

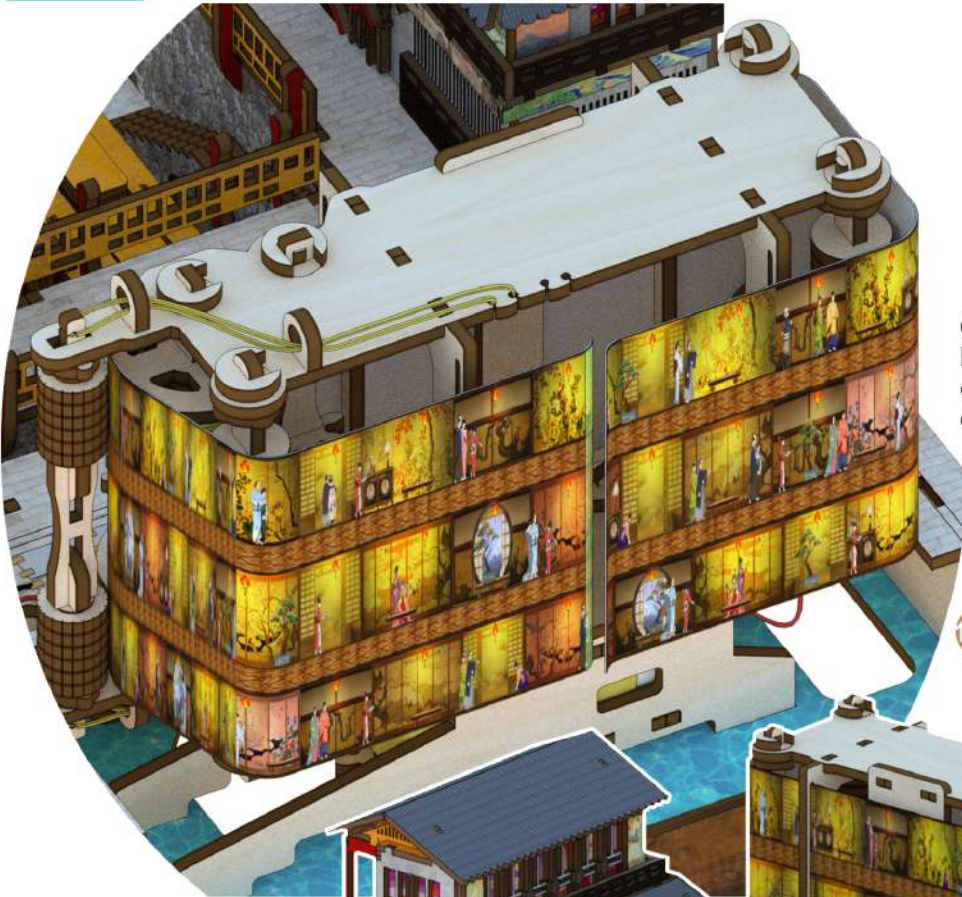


186



187

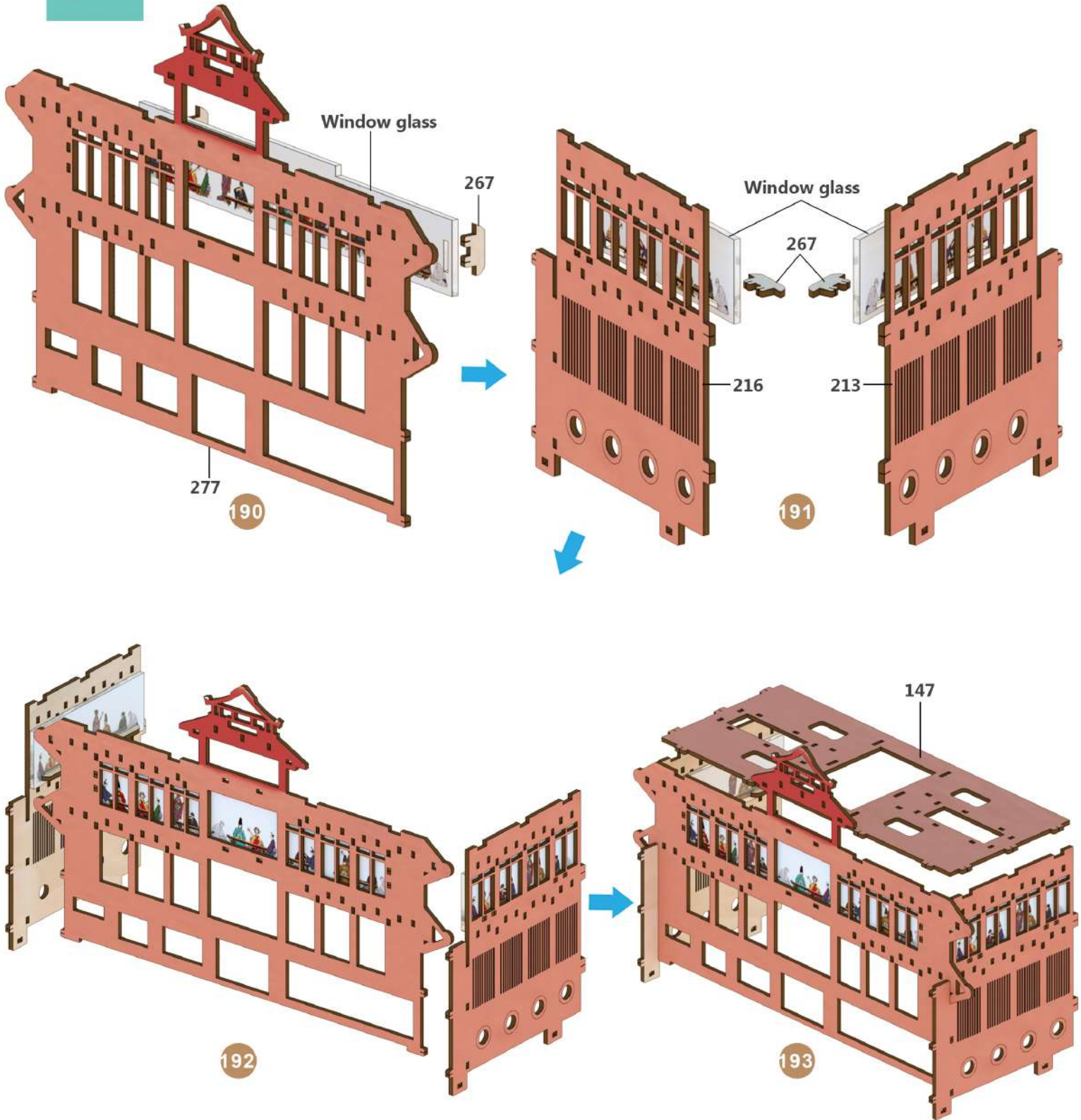
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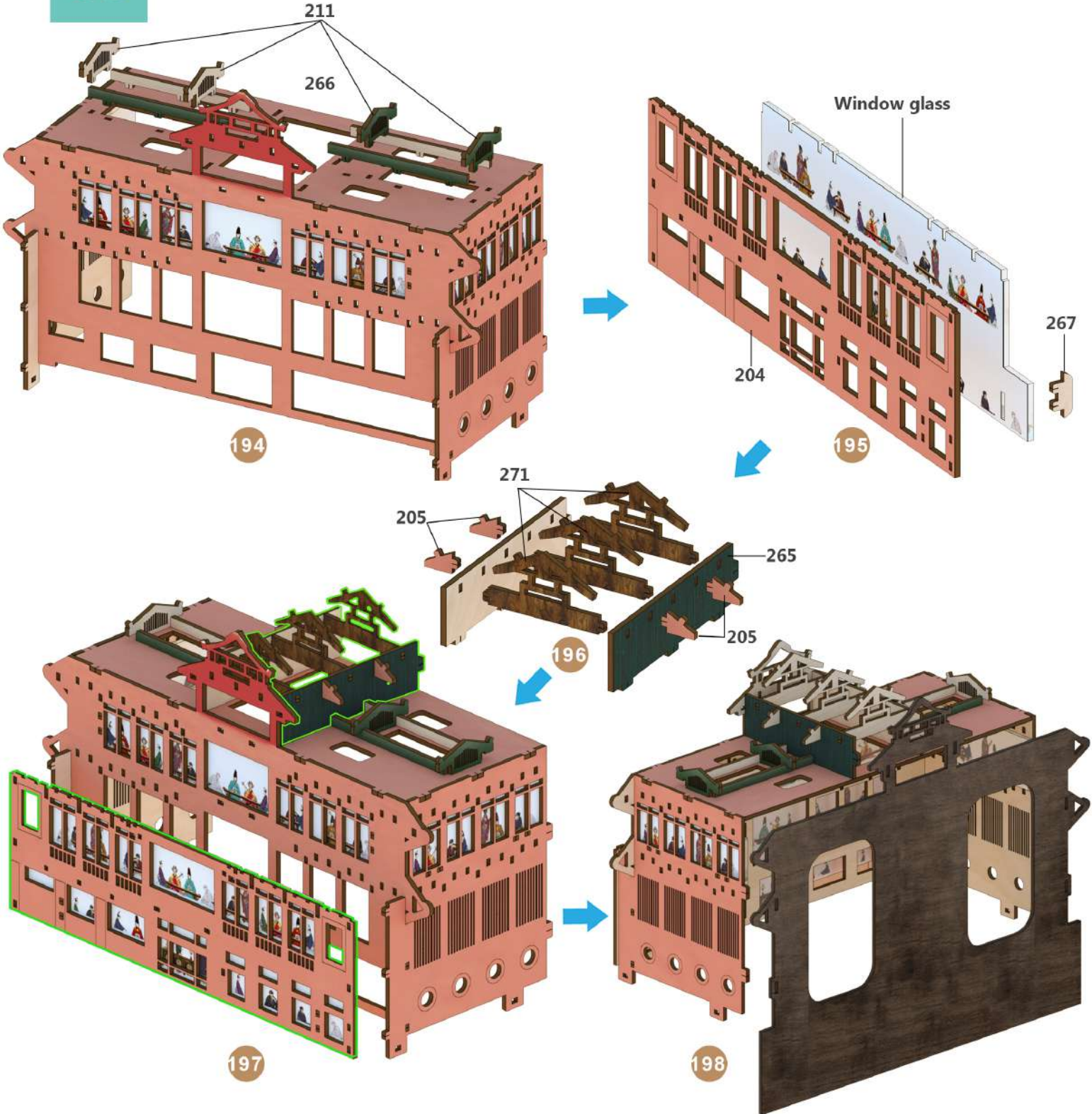
Connect both ends of the 1m roll into a loop with either paper glue or double-sided tape

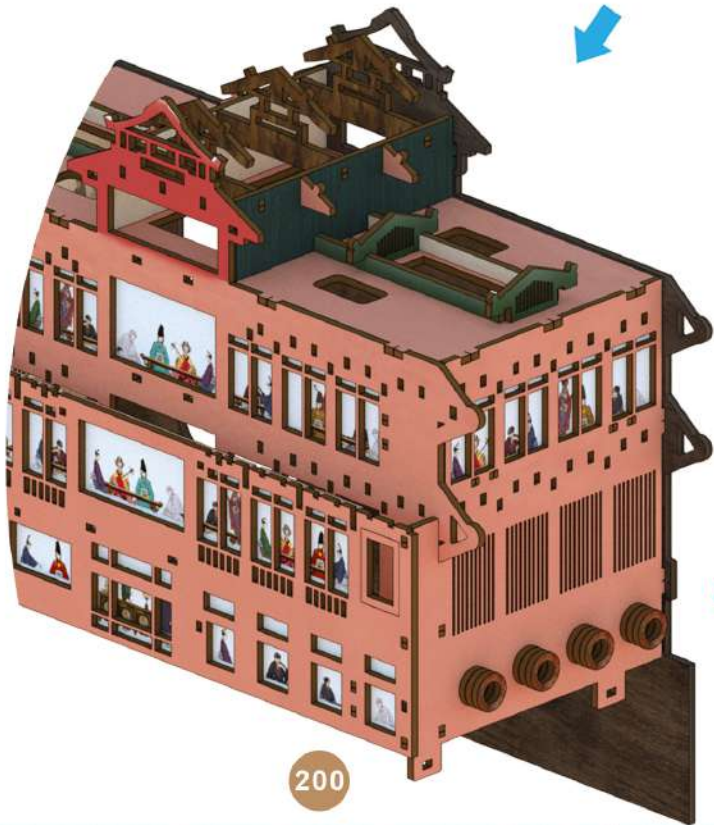
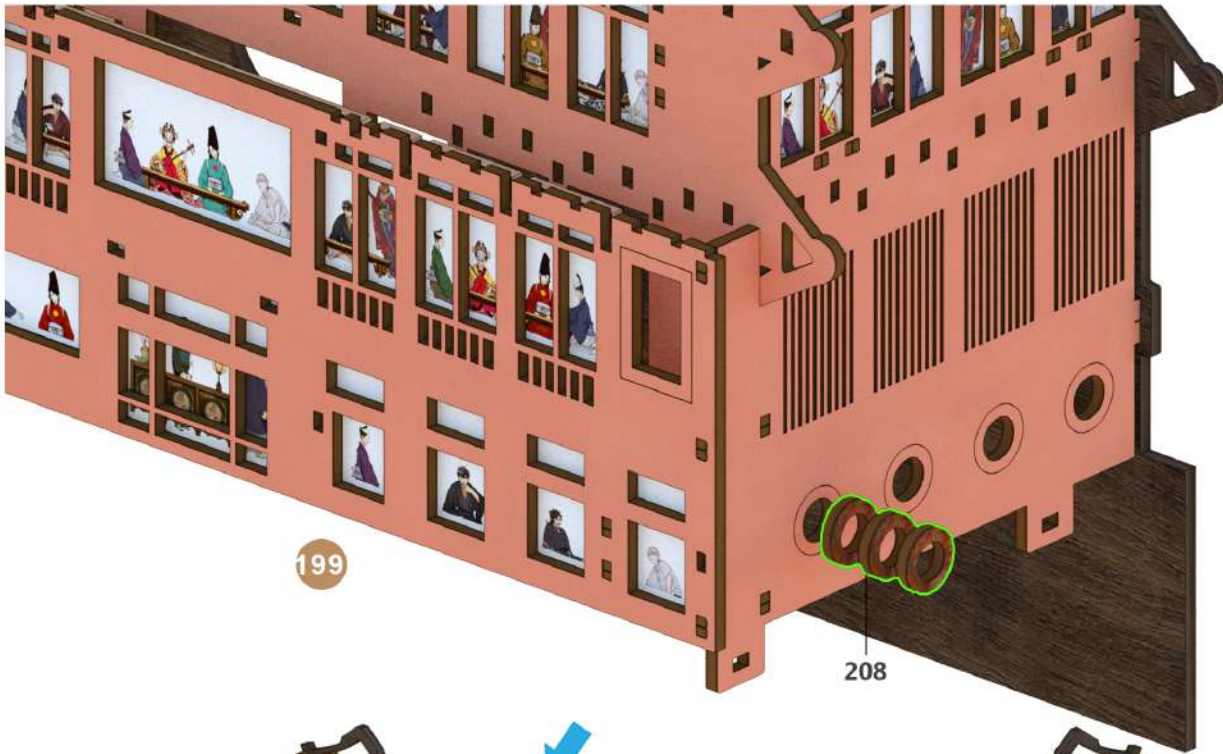


42

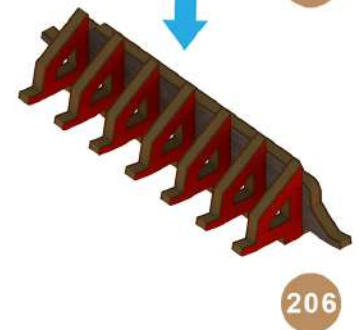
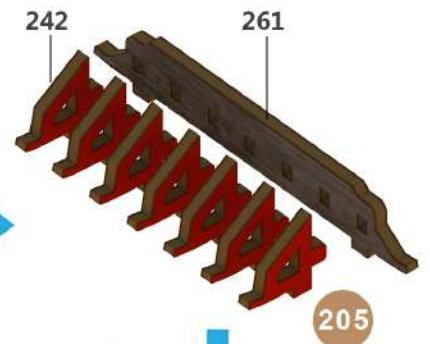
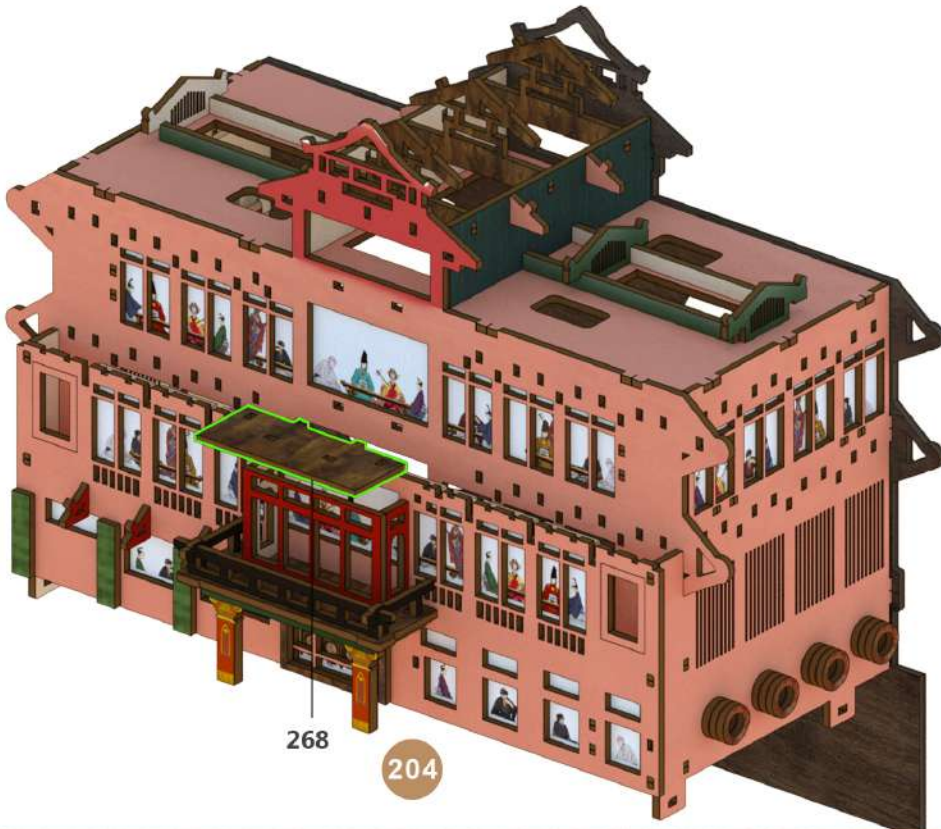
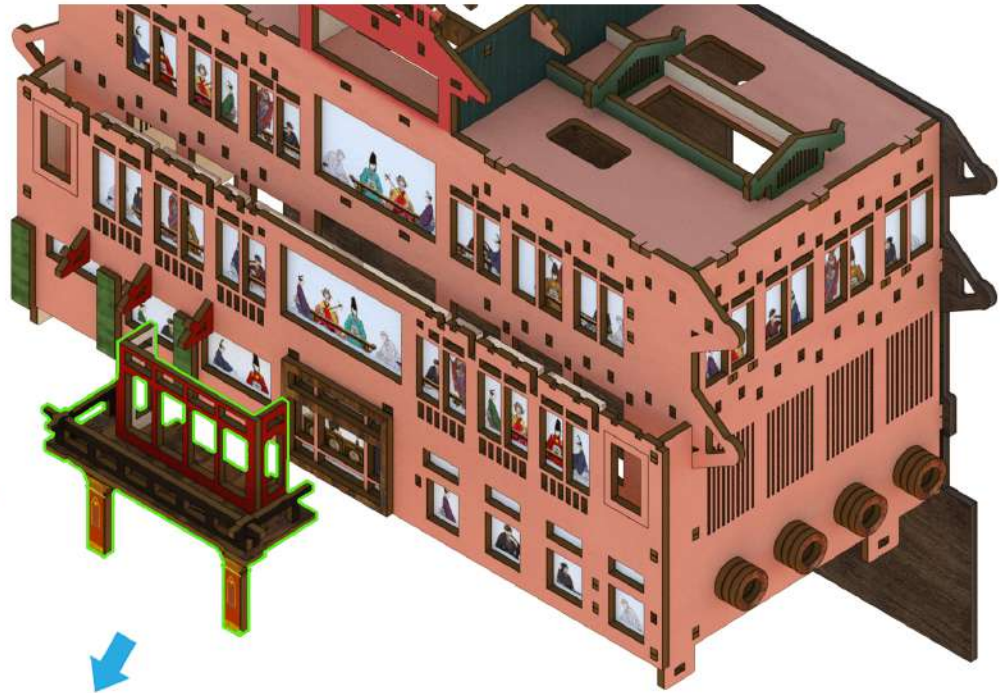
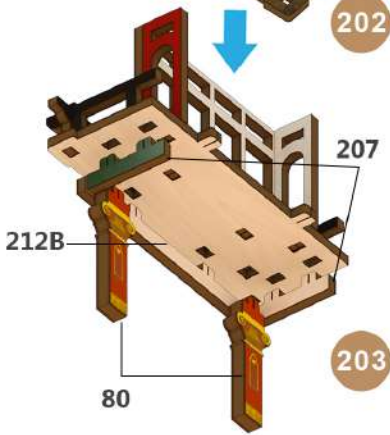
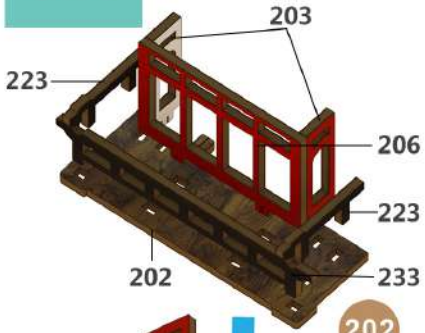


43

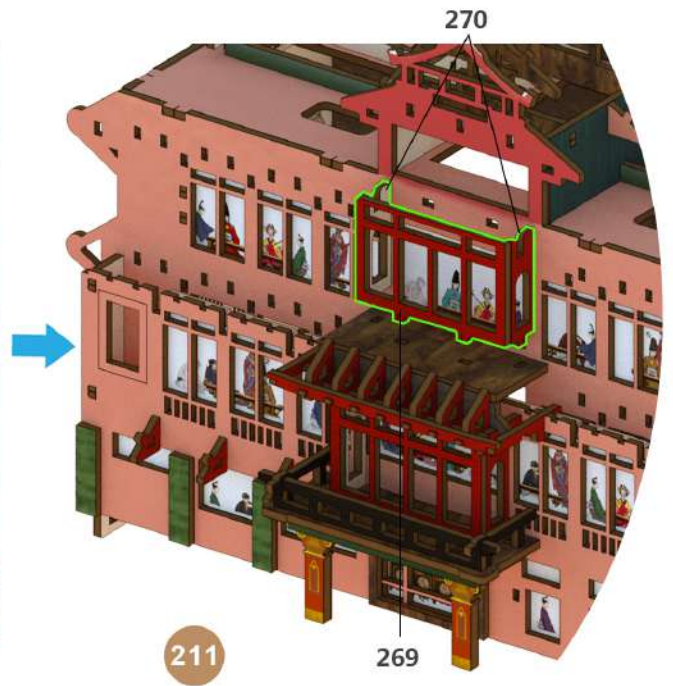
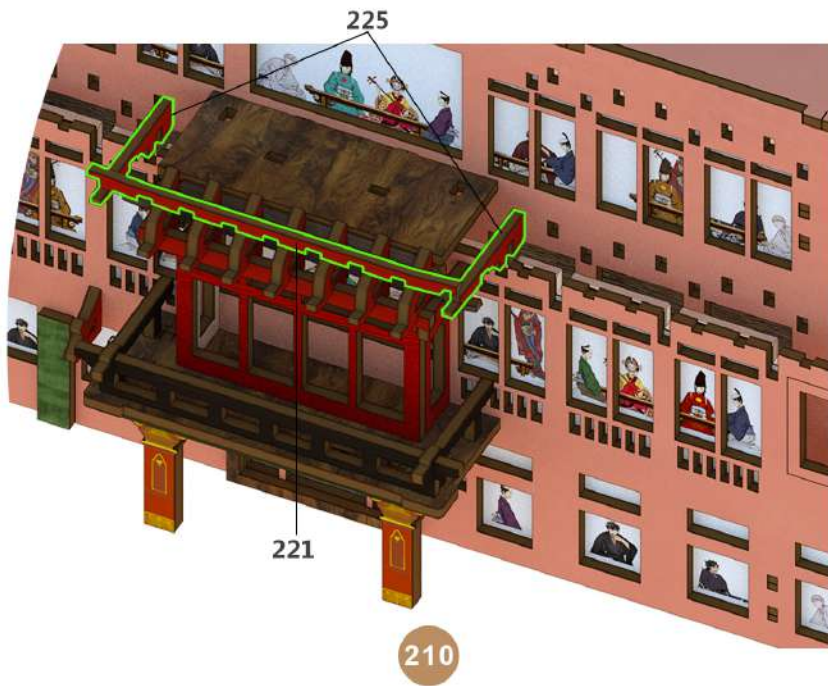
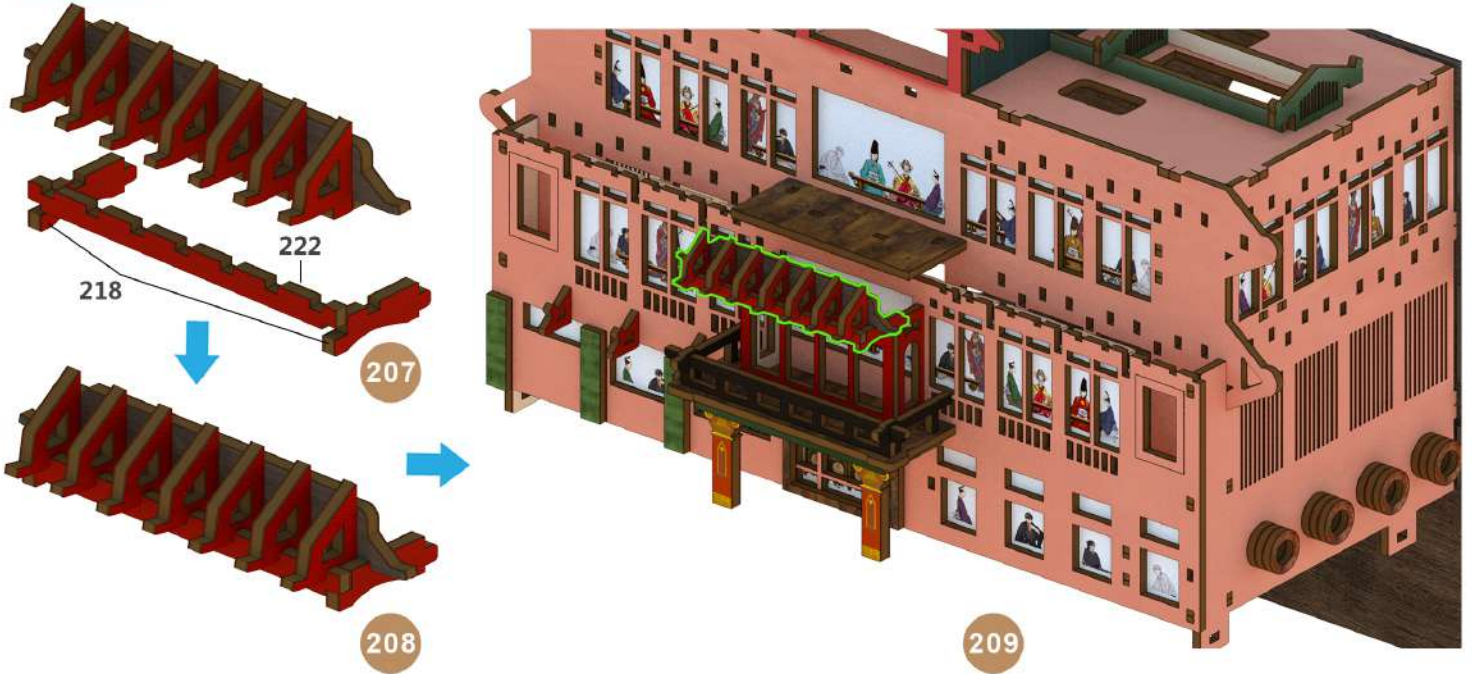




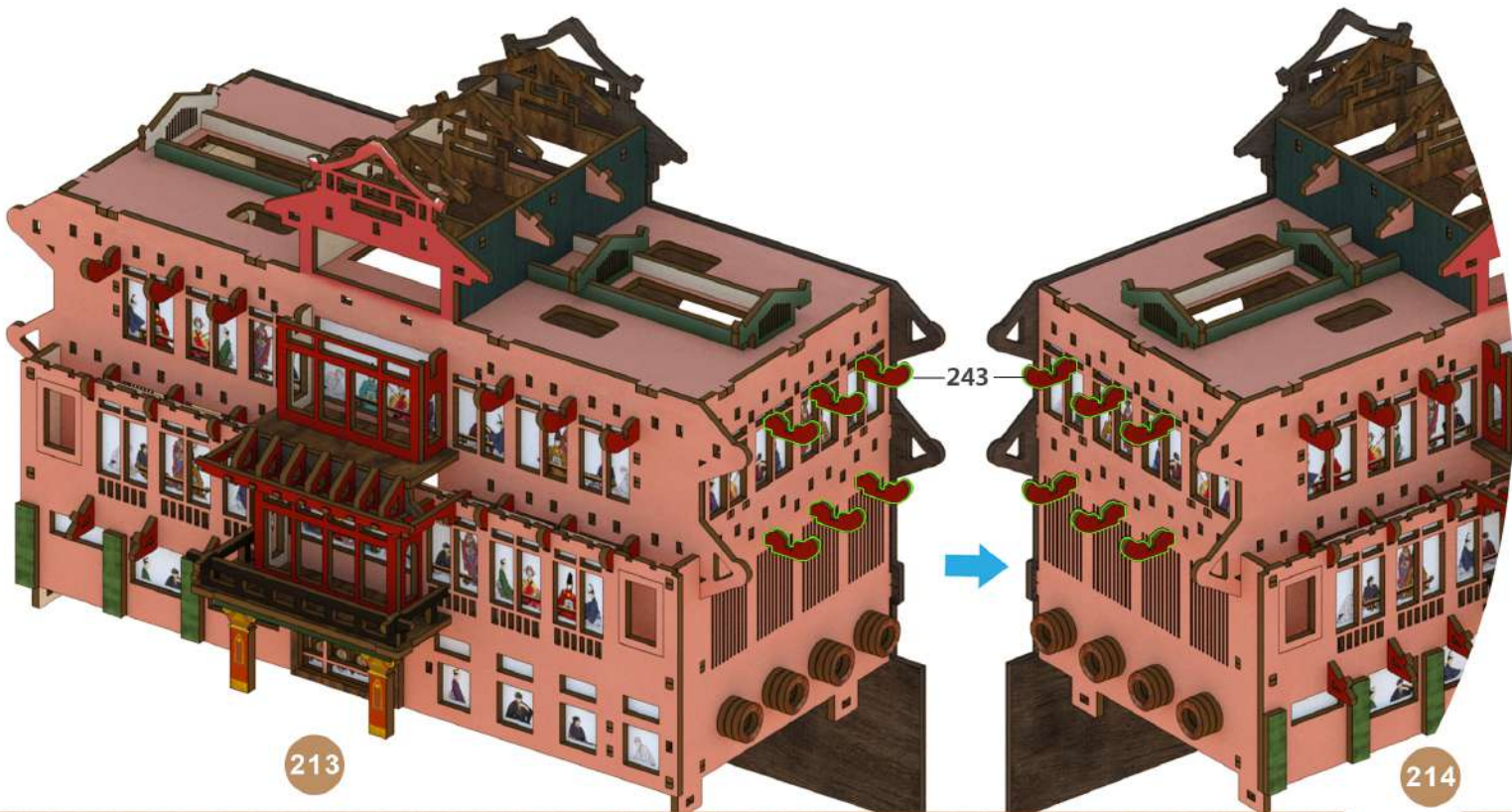
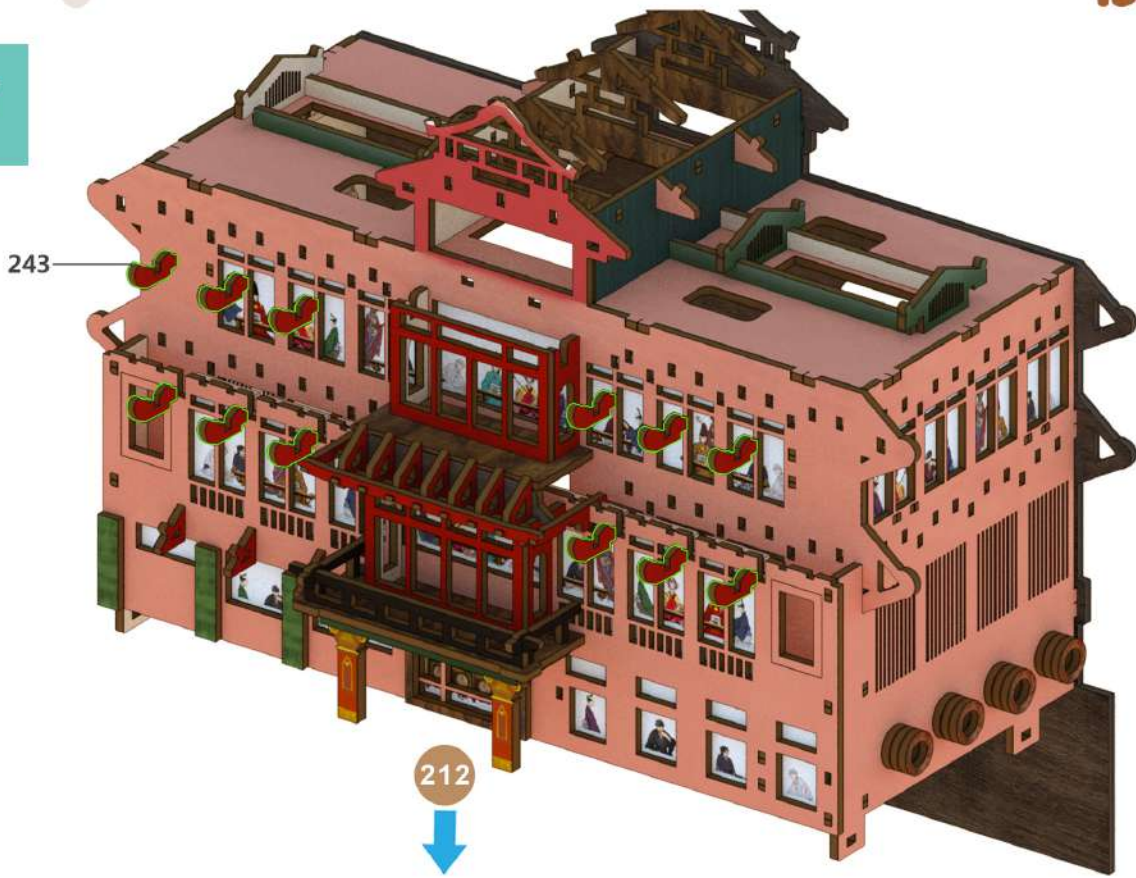
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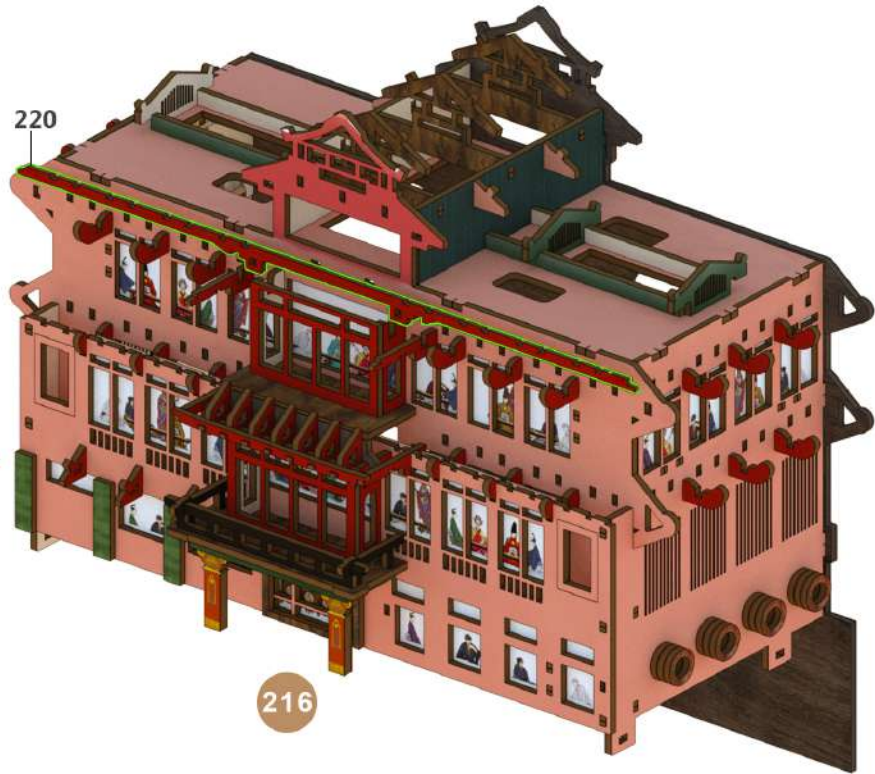
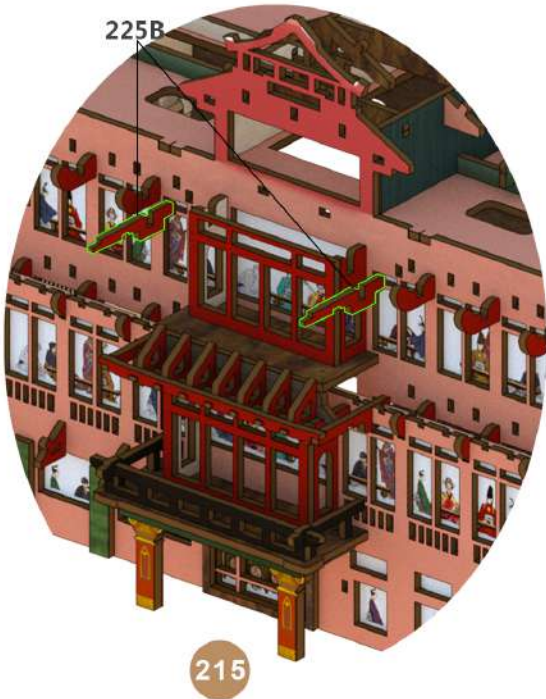


46



47

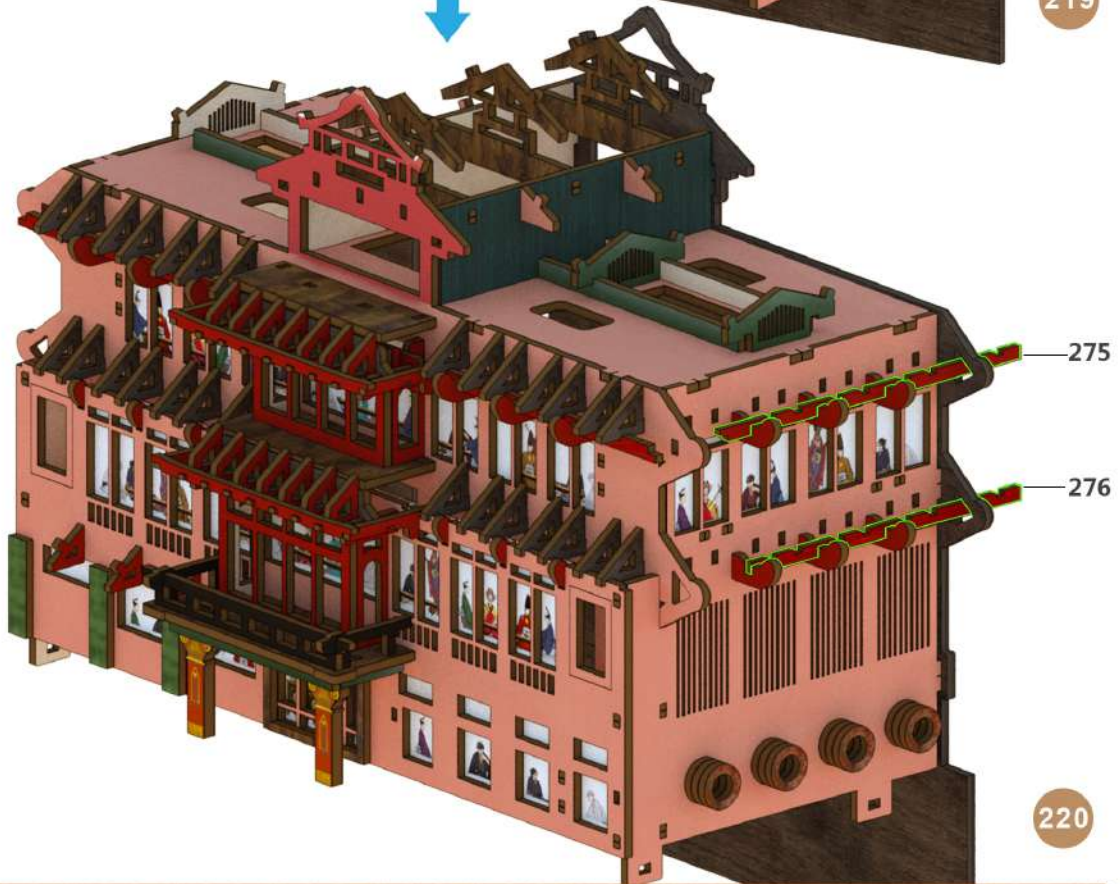




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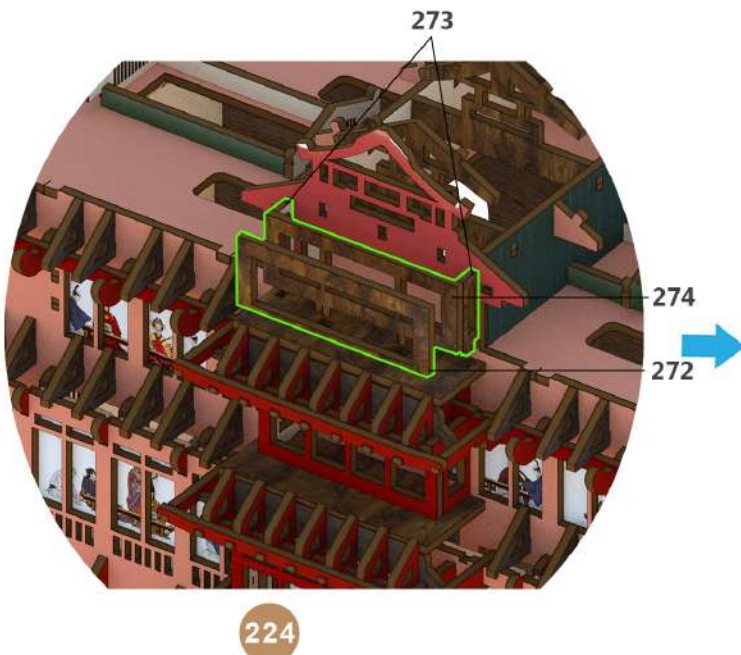
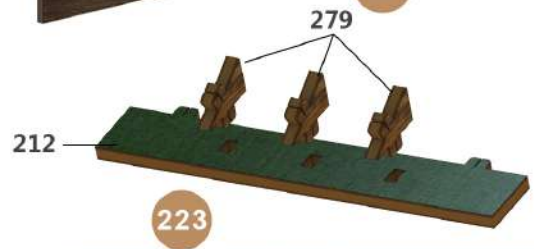
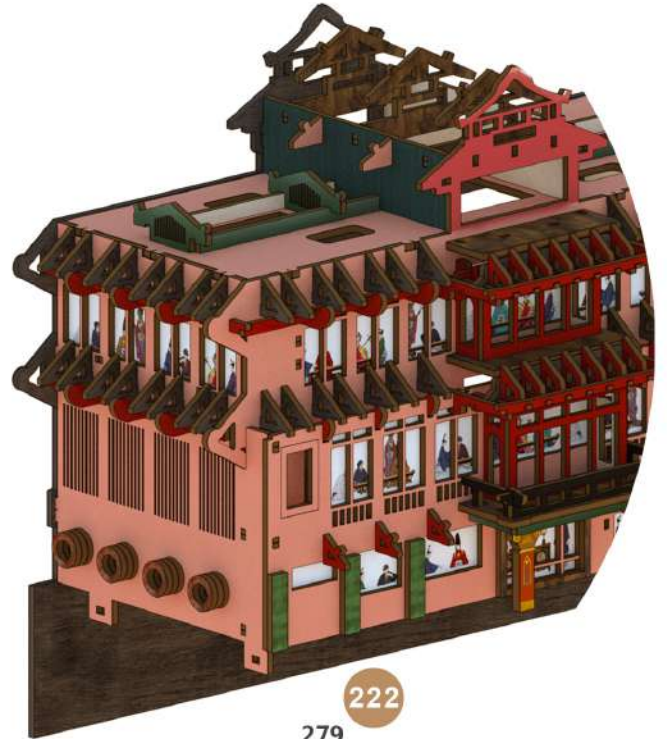
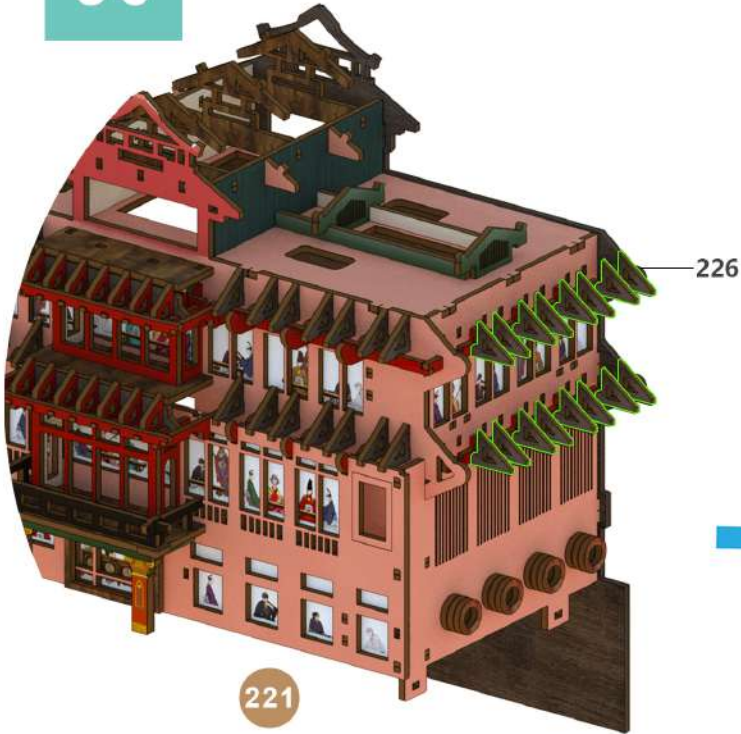


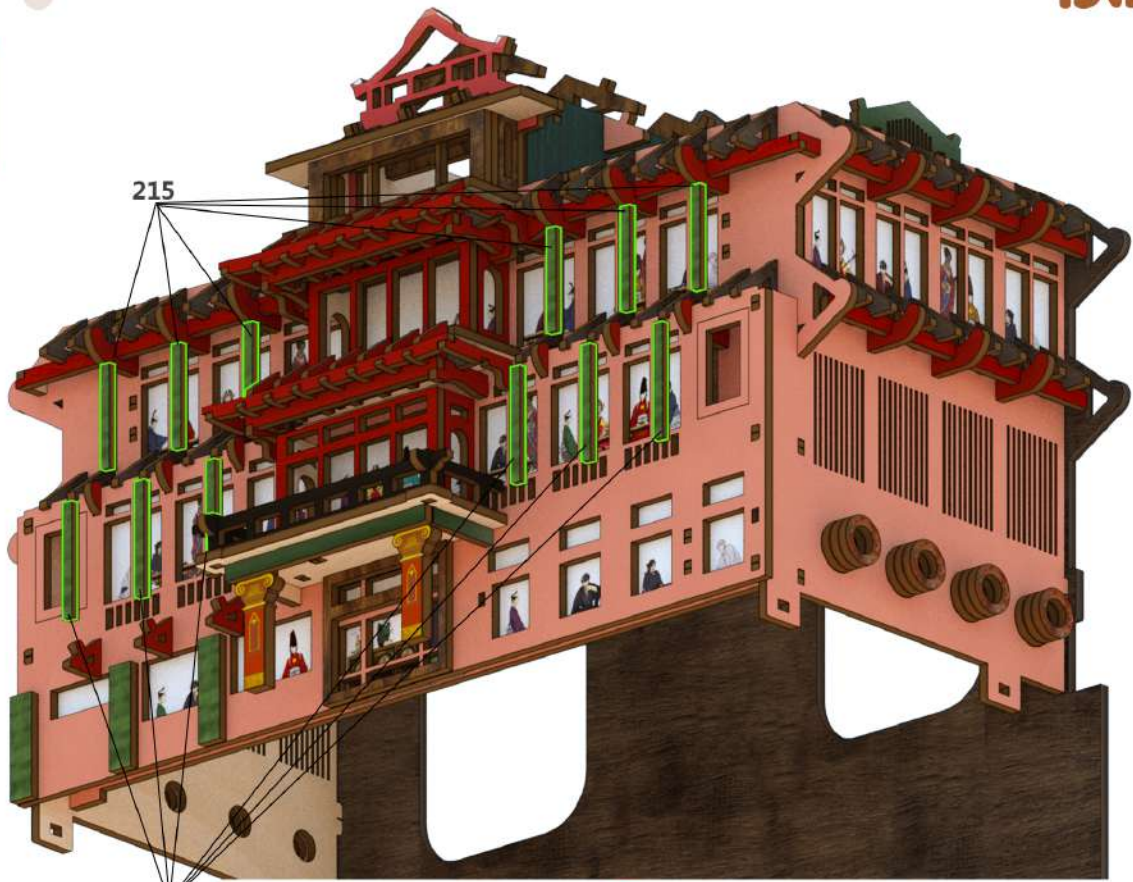
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220

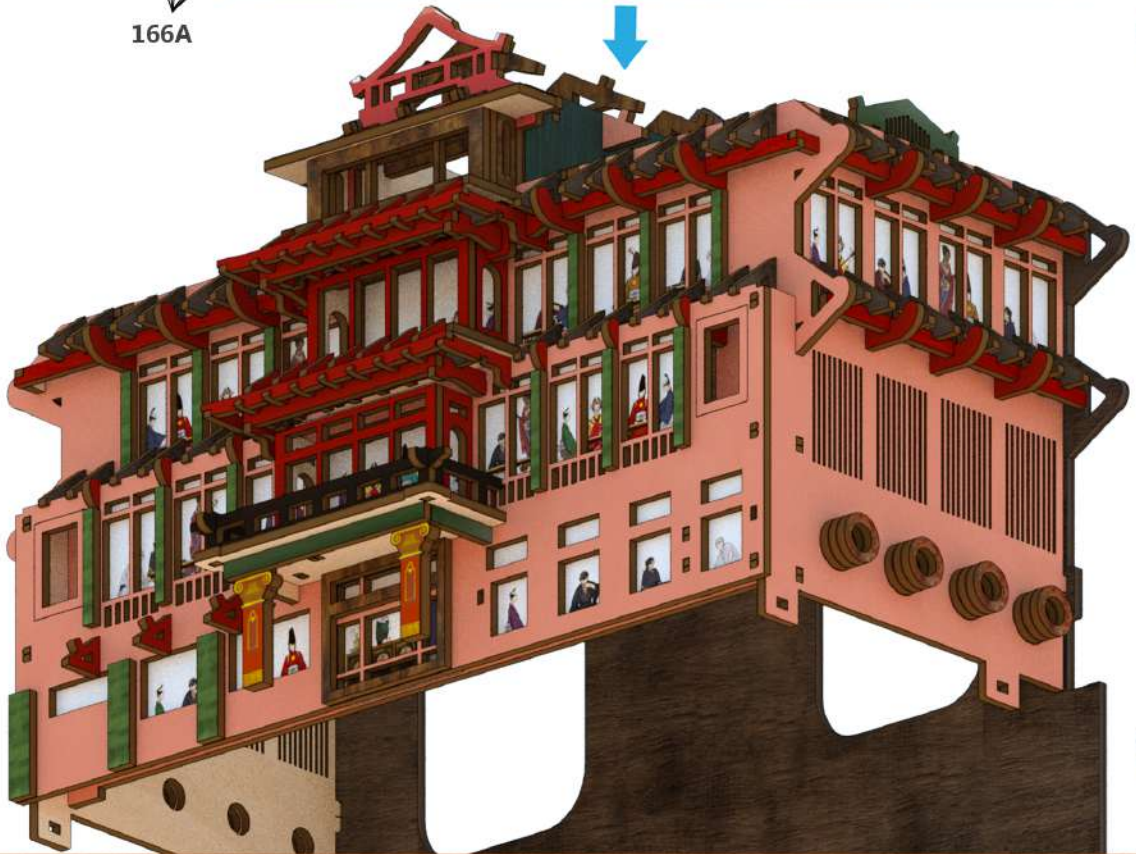
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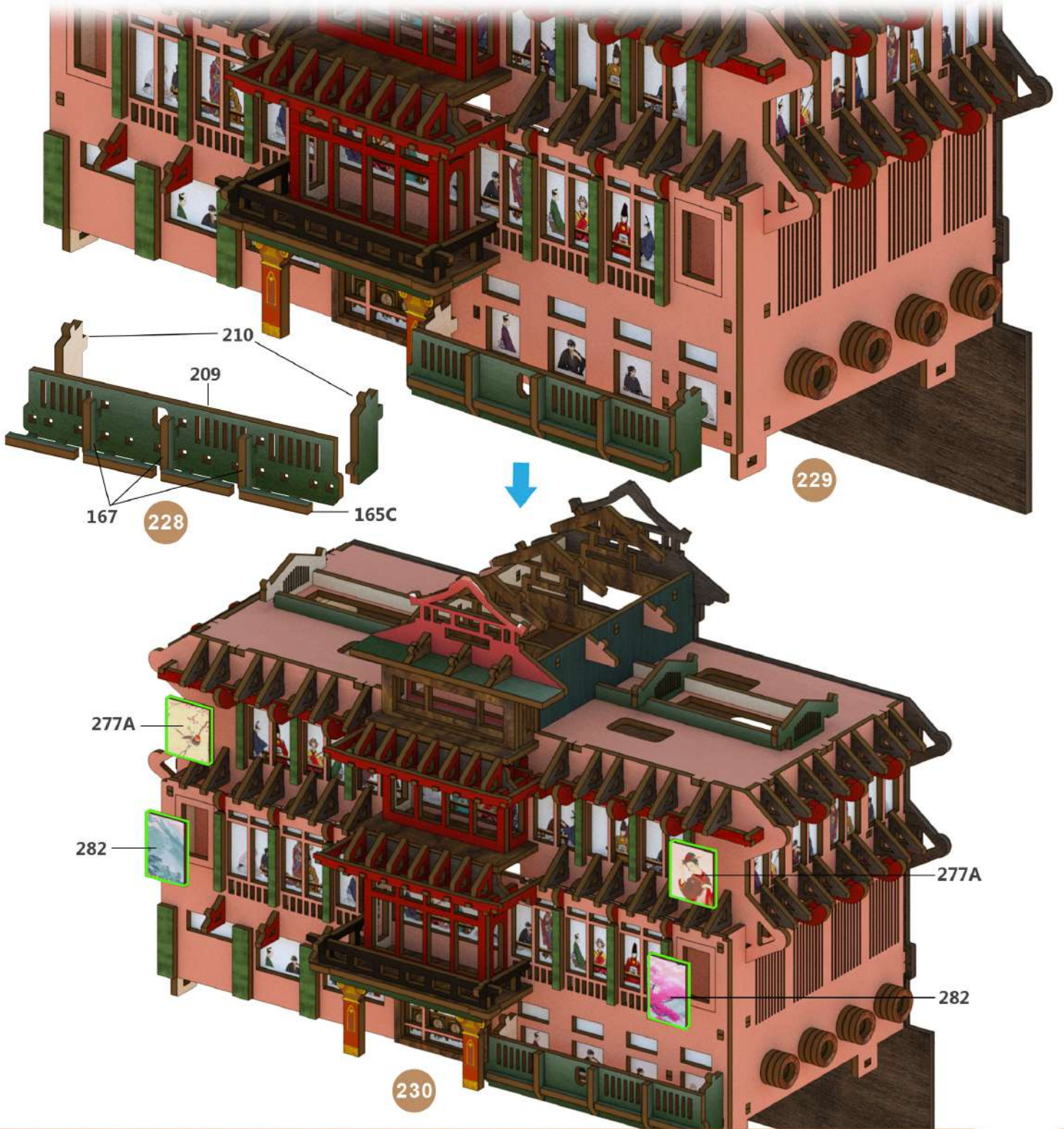


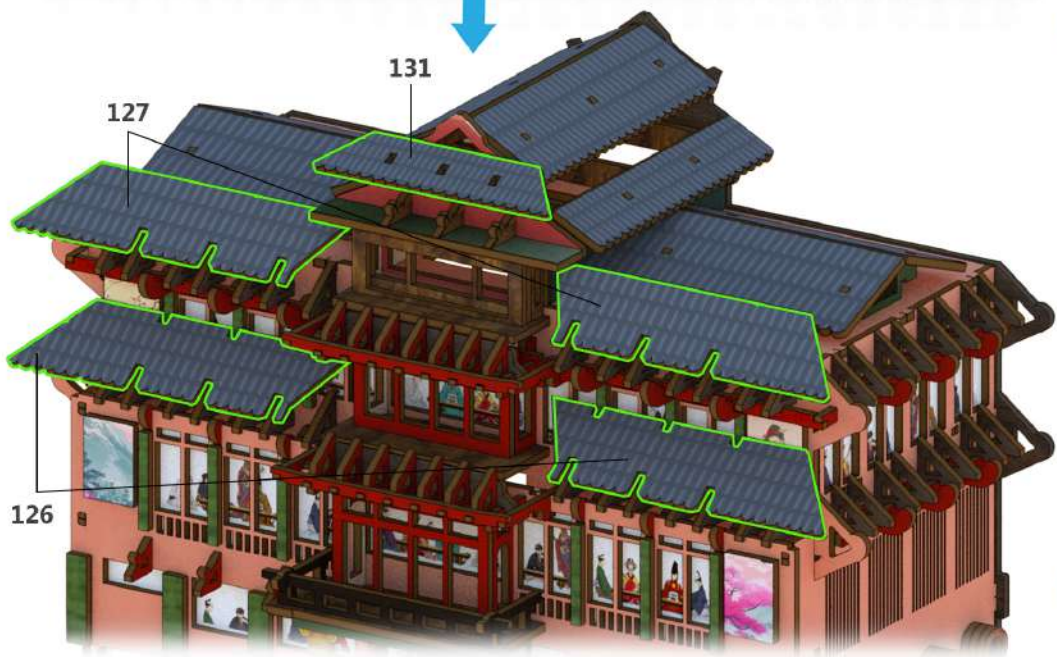
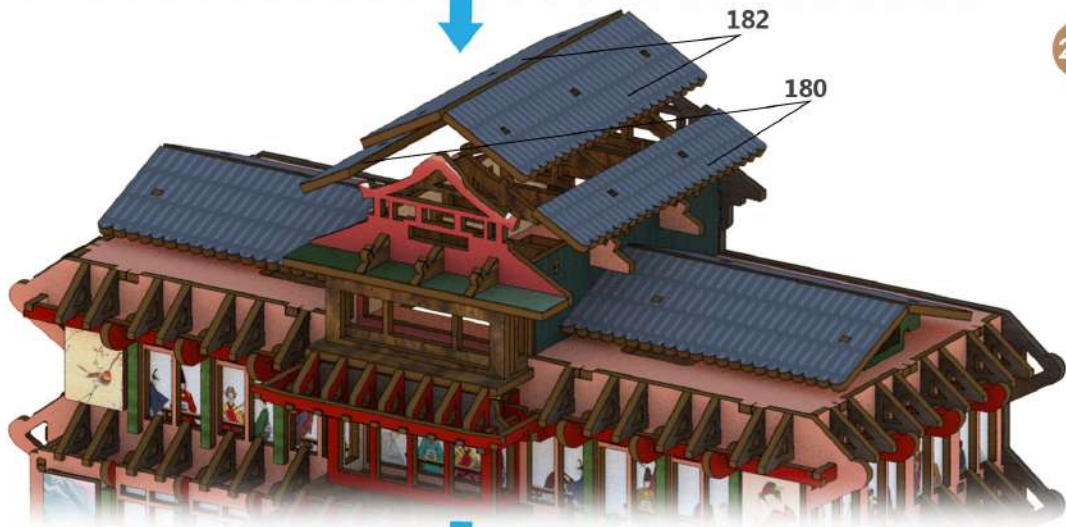
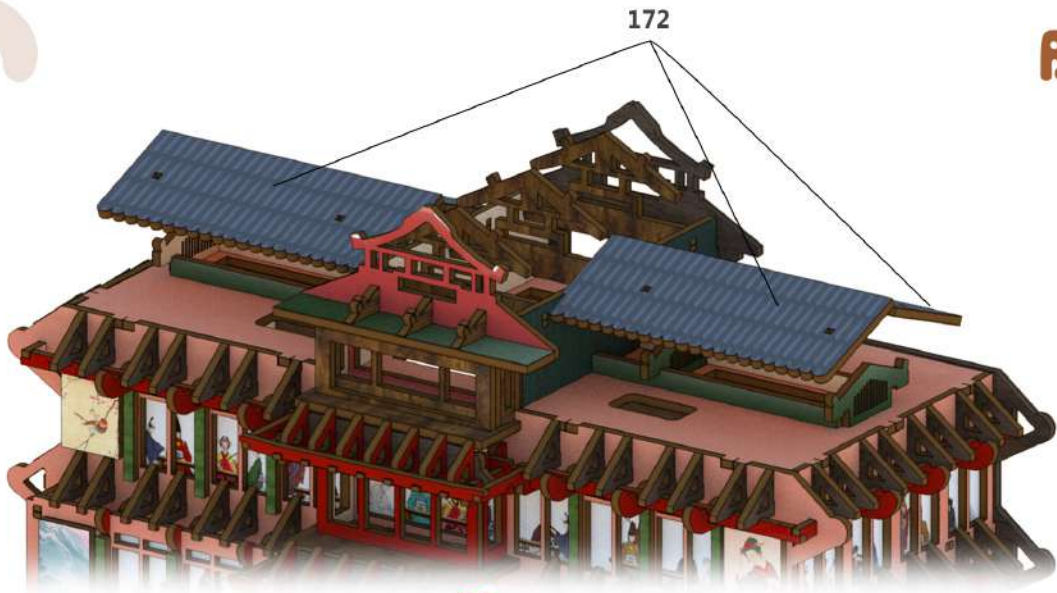
166A

226



227





231

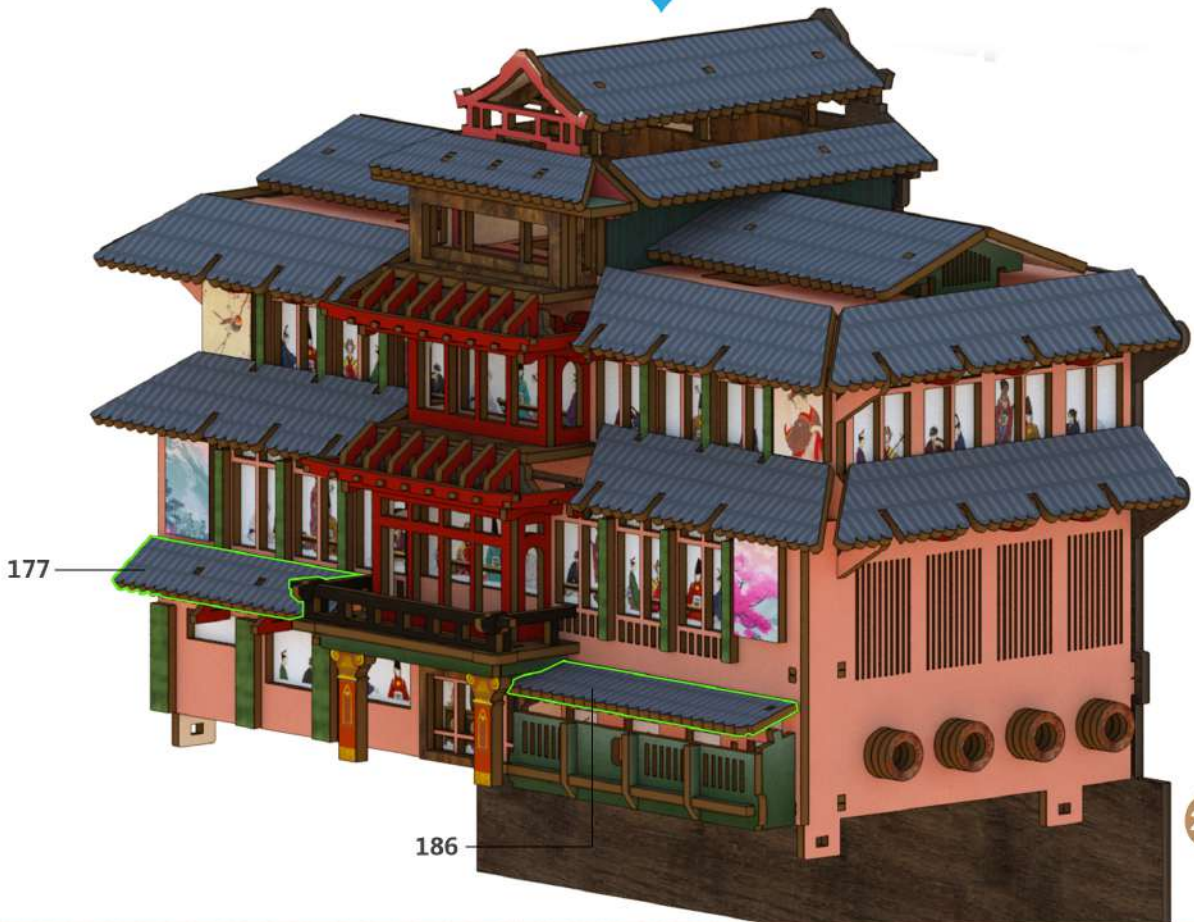
232

233

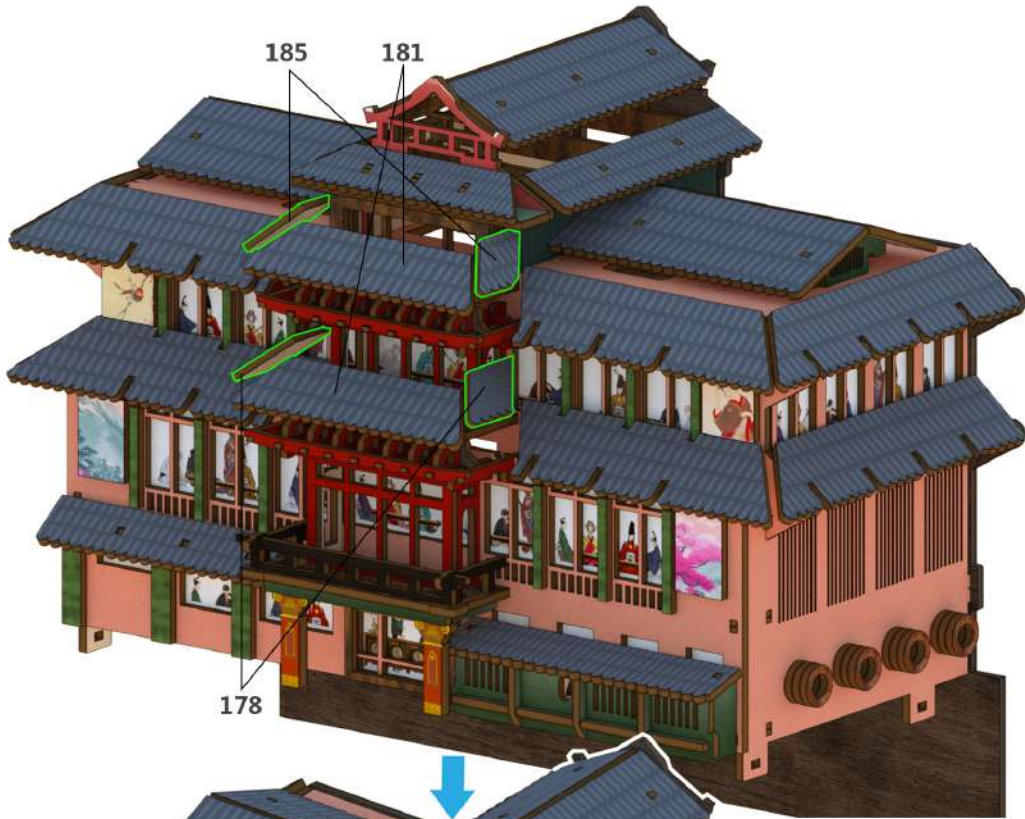
54



234



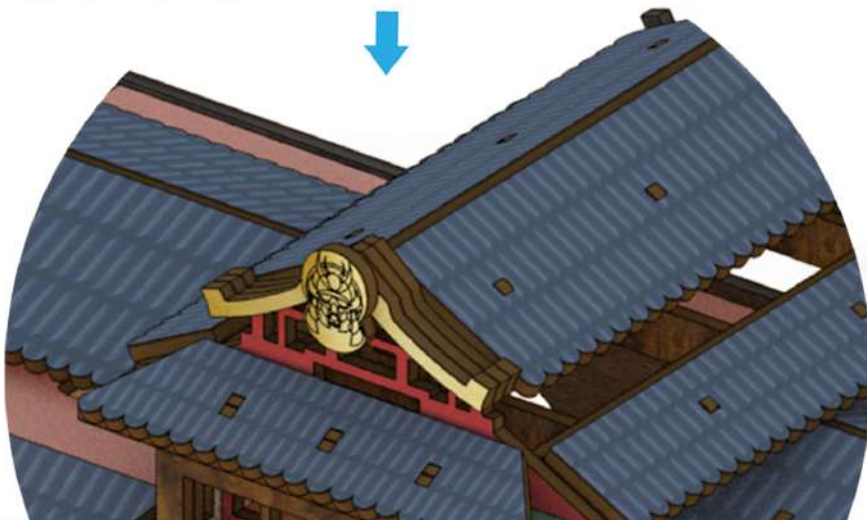
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236

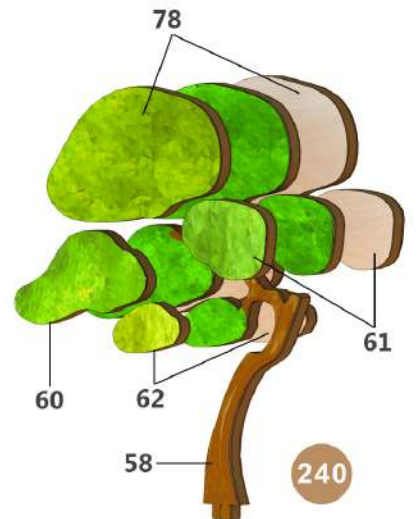
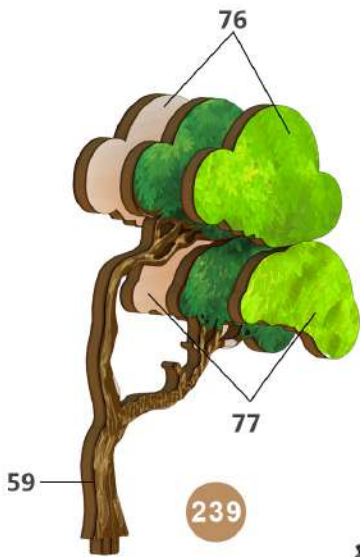
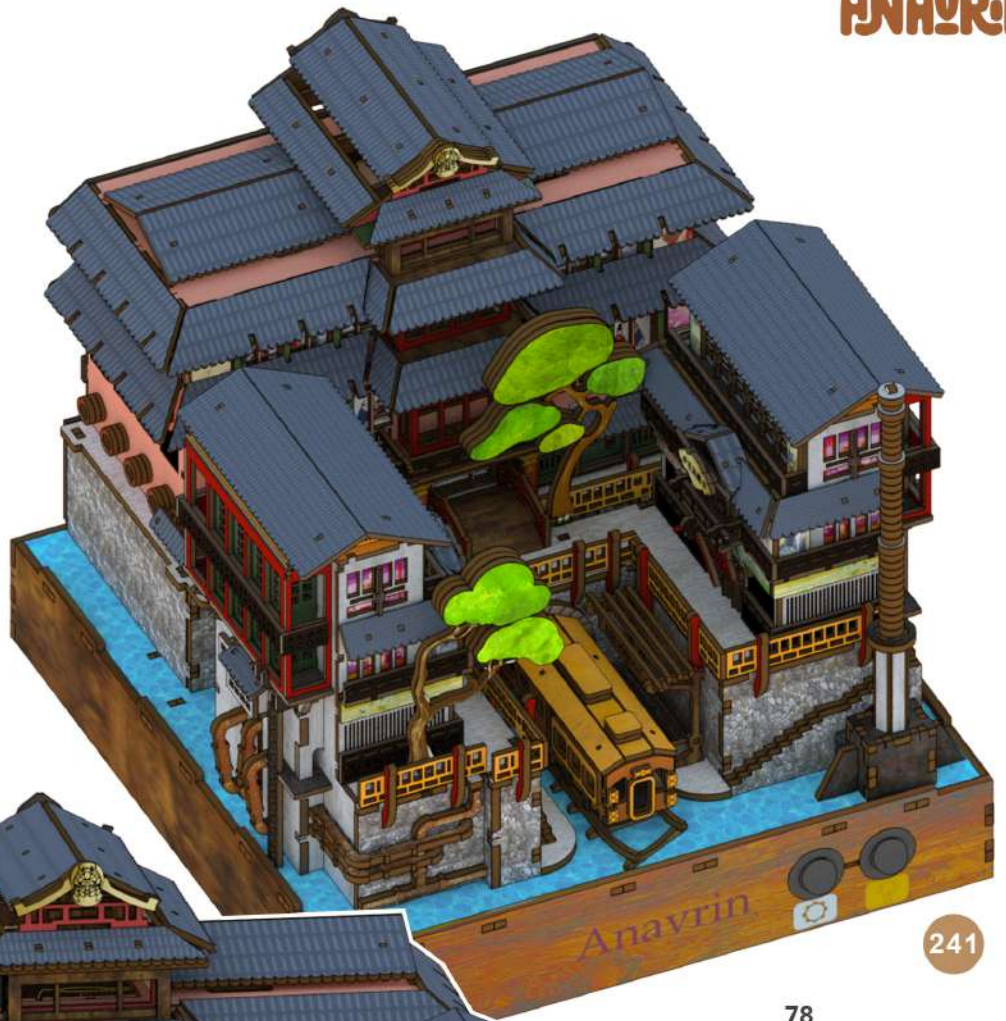


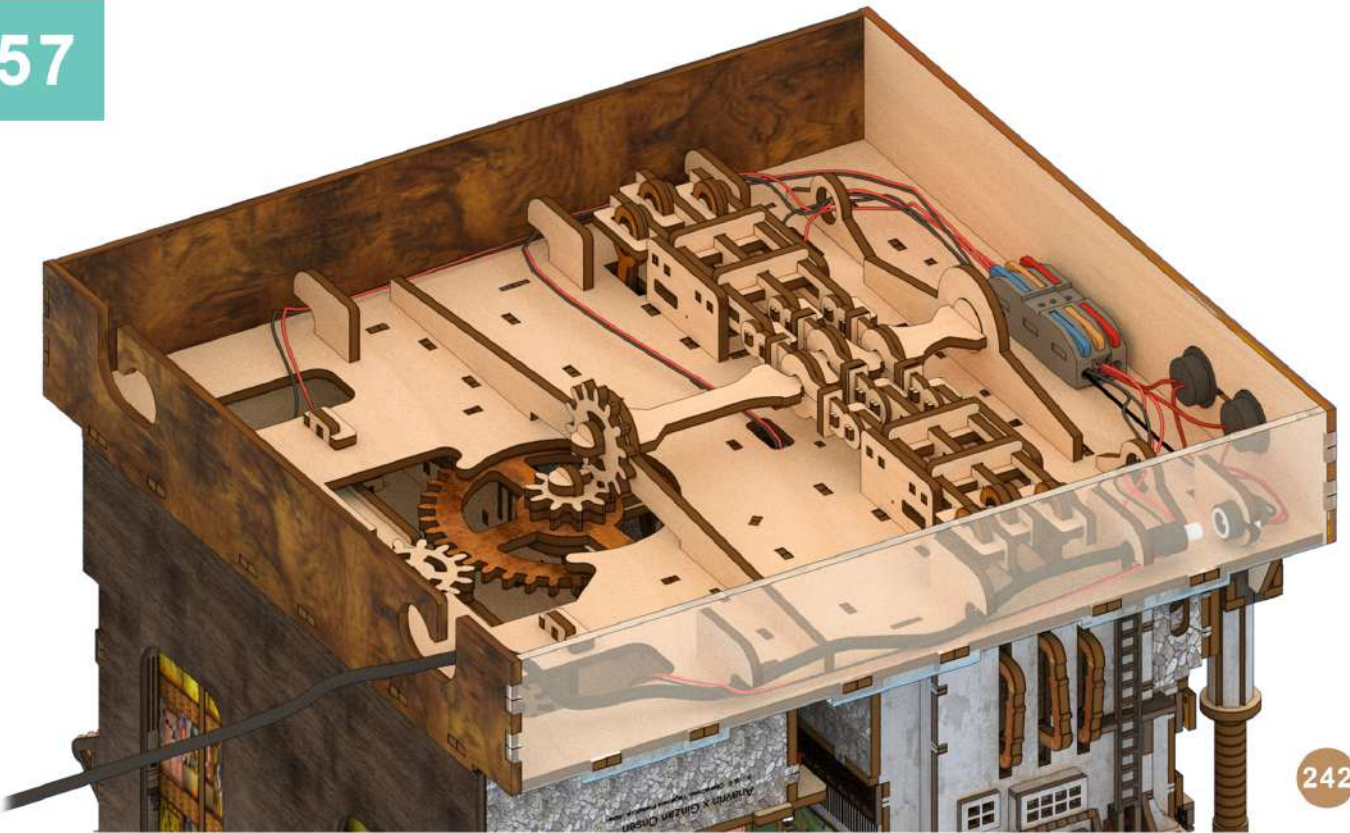
237



238

56





242

Connect the USB jack - 5.5 x 2.1 into the female socket as shown in graphic.



Connect the model to a suitable power source: 5V - DC/1-2A

ANAVRIN