

 **Mechanical Models**

ROKR

VIKING DRAGON SHIP

Explore Mysteries Of Ancient Ship



KOTISAARI
ISLAND

SOMMARY
ISLAND

LK802

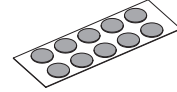
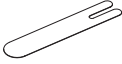
Assembly Instruction

Part List

Bag No. 1

(Tips: suggest to put the parts in a box to prevent loss.)

*Due to customs policy in international shipping, the wax may not be included. Please prepare them yourself.

Item	Screwdriver	Double-sided tape	Transparent gasket	Steel shaft	Steel shaft	Steel shaft	Screw	O-ring
Item number	P1	P2	P3	P4	P5	P6	P7	P8
Illustration								
Quantity	1	1	1	4	6	1	2	4

Bag No. 2

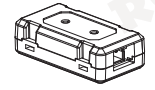
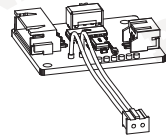
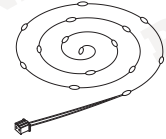
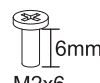
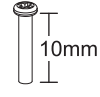
Bag No. 3

Bag No. 4

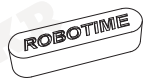
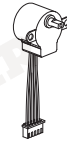
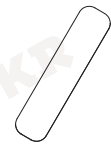
Bag No. 5

Bag No. 6

Bag No. 7

Item	Motor gasket	Power box	Circuit board	Light strip	Flat head machine screw	Flat head tapping screw	Flat head tapping screw	Pan head tapping screw
Item number	P9	P10	P11	P12	P13	P14	P15	P16
Illustration								
Quantity	1	1	1	1	11	6	12	16

Bag No. 8

Item	Shaft sleeve	Center part	Gear	M3 steel shaft	Wax	Motor	Sandpaper stick	Sandpaper
Item number	P17	P18	P19	P20	P21	P22	P23	P24
Illustration								
Quantity	26	1	2	2	1	1	1	1

WARNING:

- The product is for people who are over 14 years old. Kids should assemble under the guidance of adults.
- The product is not suitable for children under 3 years old.
- The product contains small parts and electronic components. Adults should guide and supervise children in the correct use of the product to prevent ingestion or choking.
- The product shall only be used with a transformer or a power supply for it.
- The transformer or power supply is not a toy or model.
- The power supply used with the electric toy shall be regularly examined for damage to the supply cord, plug, enclosure or other parts, and in the event of damage, it shall not be used until the damage has been repaired.
- Do not connect the wire to the output socket.
- The product is not to be connected to more than the recommended number of power supplies.



Product Display

ATTENTION:

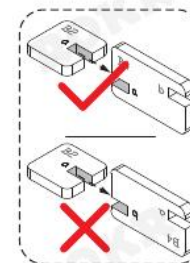
1. Take off the pieces from the board according to each step before assembling and place them properly in case of missing.
2. Please carefully read the instruction book when assembling and keep it properly for later verification.
3. Polish the parts with sandpaper to enhance aesthetic feeling and gear lubrication.
4. Repair with glue prepared by yourself if the wooden pieces would be broken.
5. There are letters on some parts as shown and assemble them together with the same letters.

- This product is only to be connected to equipment of Class II.
- The instructions must be retained since it contains important information.

MAINTENANCE:

- Keep the product away from the source of ignition and water to prevent any damage.
- Don't use chemical reagents like alcohol and ammonia water to clean the product.
- Use clean and soft fabric to clean the product and polish the board burrs lightly with sandpaper.

6. For some complicated steps, please scan the QR code with remind for assembling videos.
7. There is a little difference between several parts and the pictures on instruction, subject to parts number.
8. There are spare parts on wooden boards.
9. This product is powered by USB connection and does not contain the Type-C power cable, which must be provided by yourself.



*CUSTOMER SERVICE

ROKR Facebook: @rokrofficial Email: service@robotime.com Please contact us on Facebook or email if you have any questions.

FAQs:

Problem	Cause	Solution
1. The assembly doesn't run smoothly.	1. Assemble the wrong parts; 2. The tool is not used while assembling.	1. There are letters on some parts and check if you assemble the wrong parts according to steps. 2. Use the transparent gasket after removing the shaft sleeve to make a gap between parts.
2. The oars get stuck after assembling.	There's too much friction.	Wax the contact surface for lubrication.



Polish the parts with sandpaper



Wax the yellow parts



Special attention in assembly



Printed side



Blank side



Put flat on the table to assemble

x2

Complete 2 same parts

x4

Complete 4 same parts



Flip to assemble



Perspective changed

1

Step 1

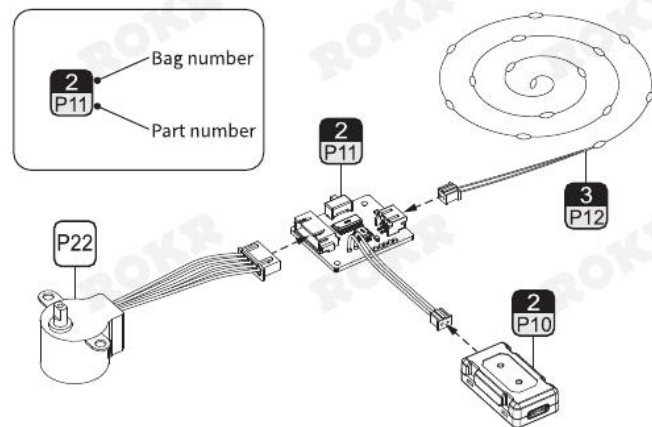
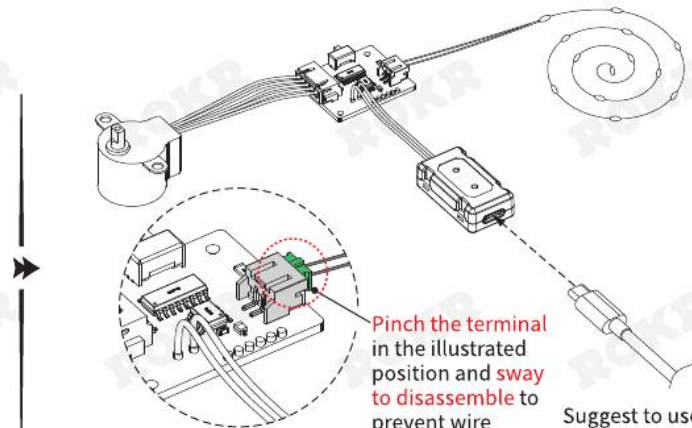
2

Step 2

2
P11

Part P11 in Bag No. 2

Test the electronic part before assembling



Pinch the terminal in the illustrated position and **sway** to disassemble to prevent wire breakage.

Suggest to use a regular charger.

INPUT:
5V==500mA (MIN).



Power on it after assembling.

Check if the light strip and motor work properly. Once the test is done, disassemble the parts. (For some chargers, the light strip works after a brief flash.)



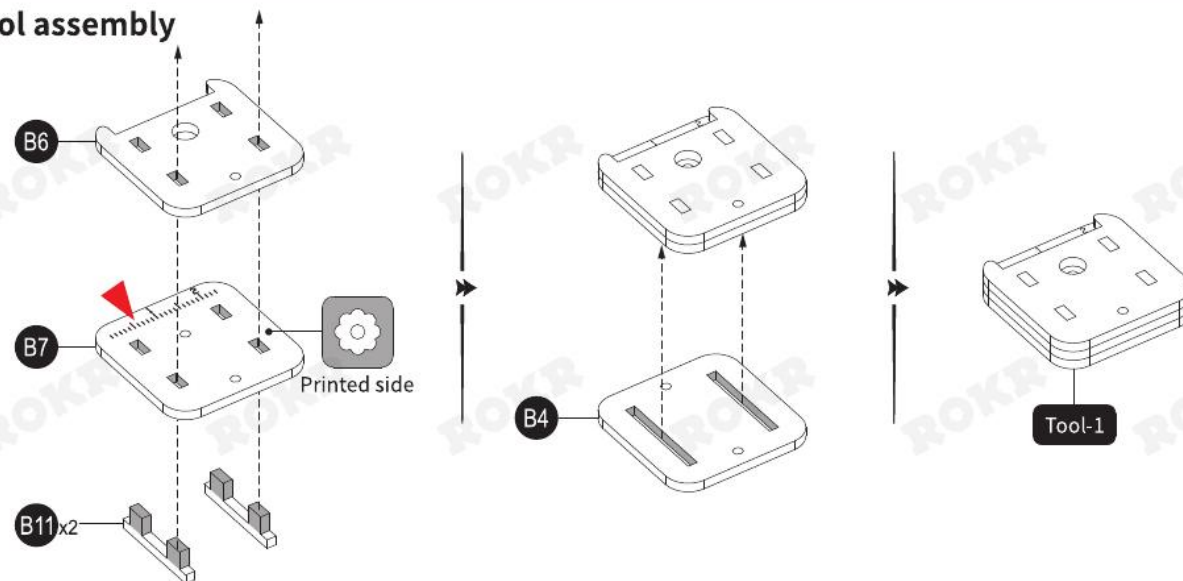
B4

B6

B7

B11 x2

Tool assembly



1

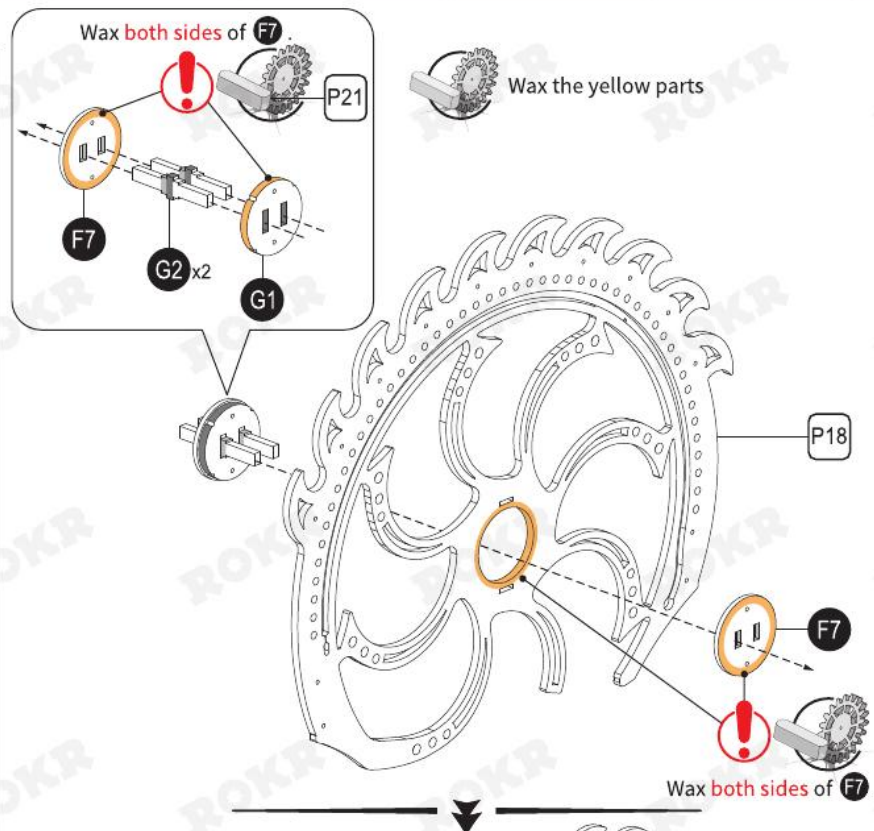
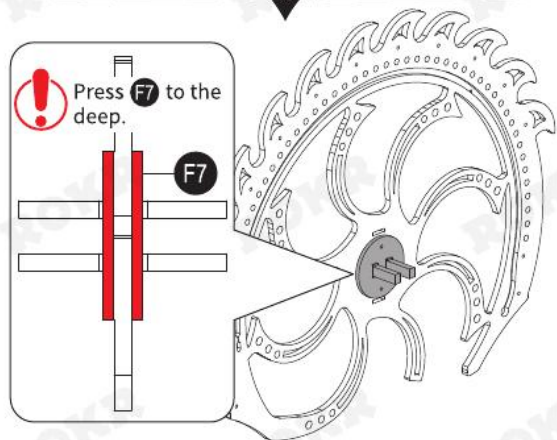
F7 x2

G1

G2 x2

P18

P21



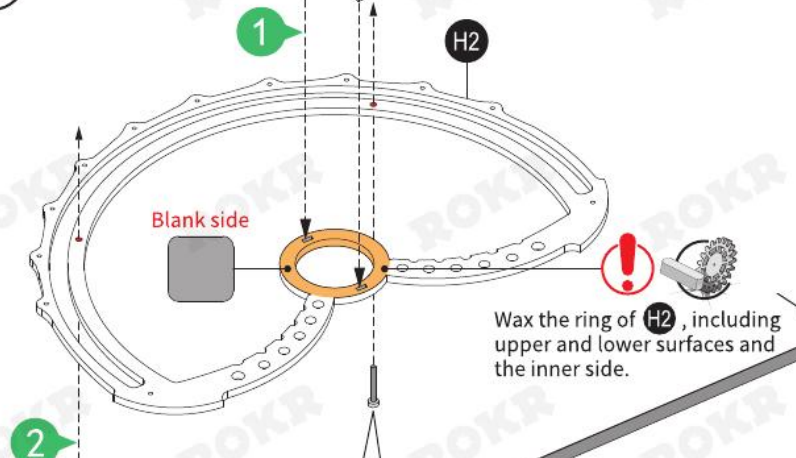
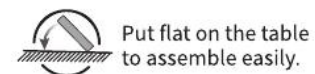
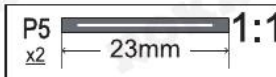
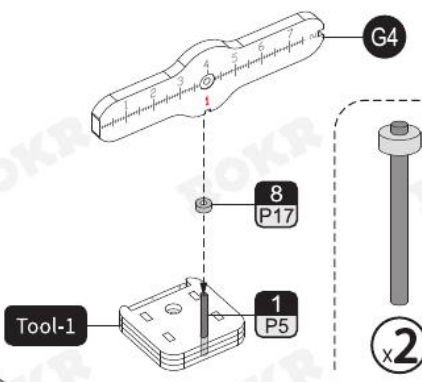
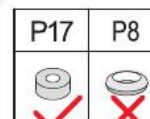
A2 x2

G4

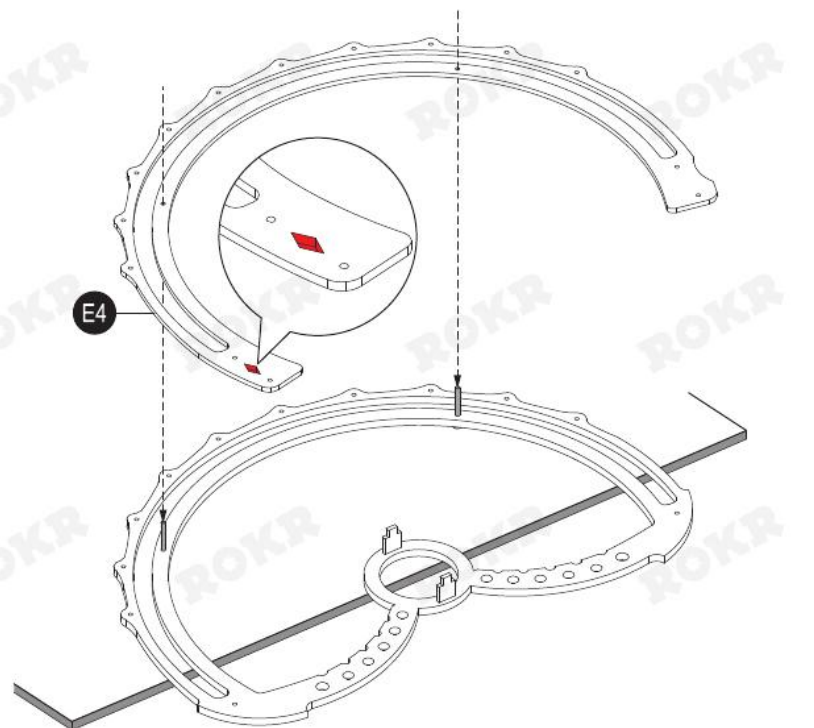
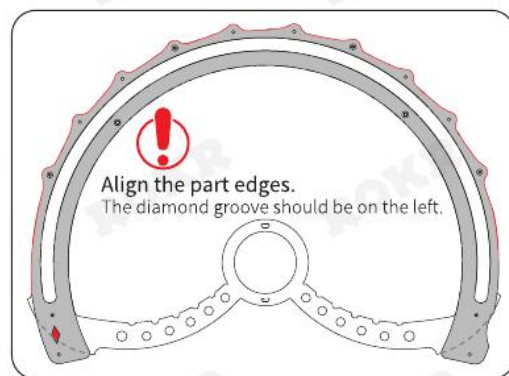
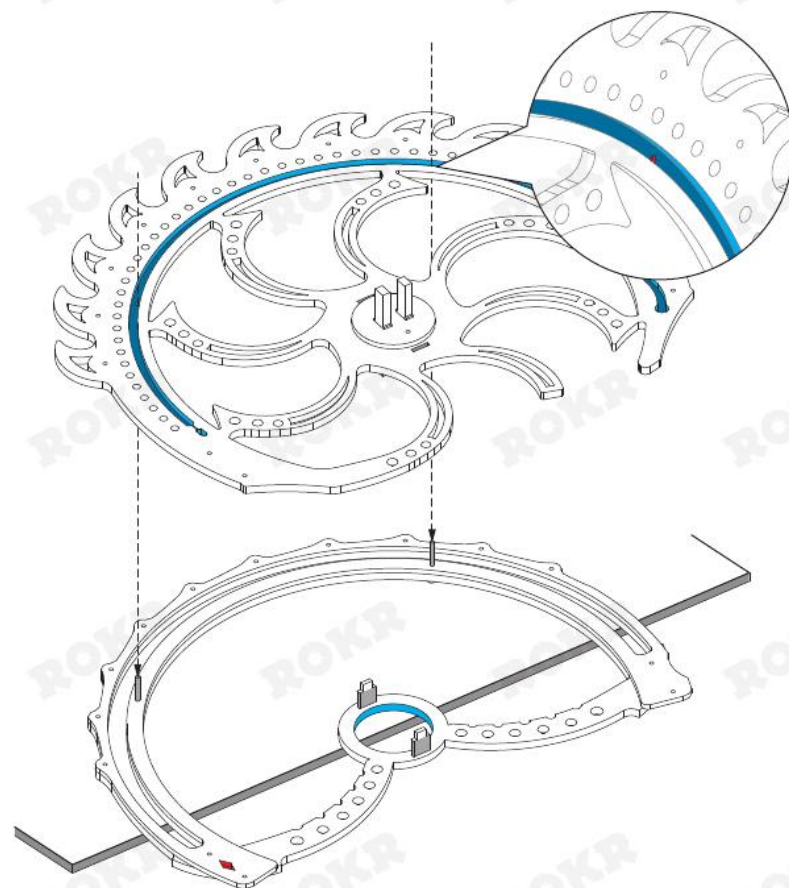
H2

1 P5 x2

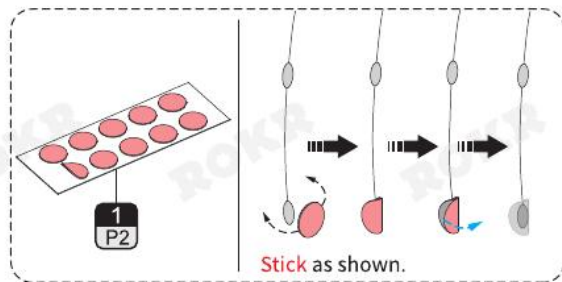
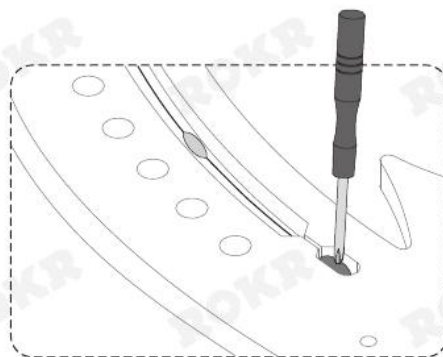
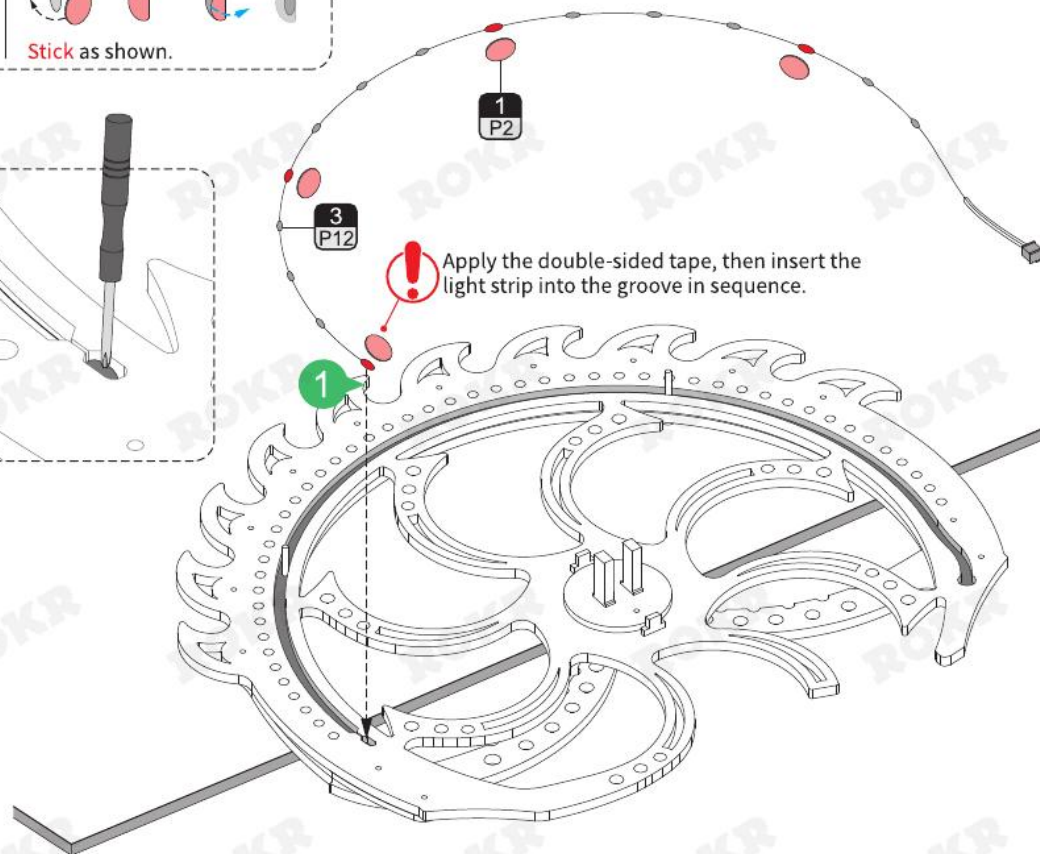
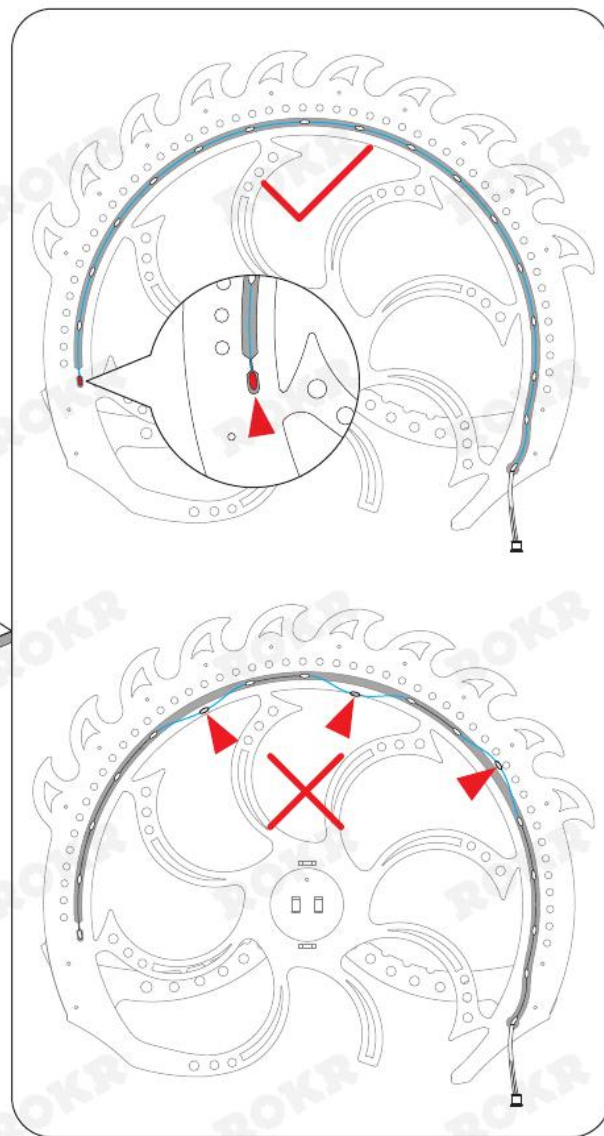
8 P17 x2



E4

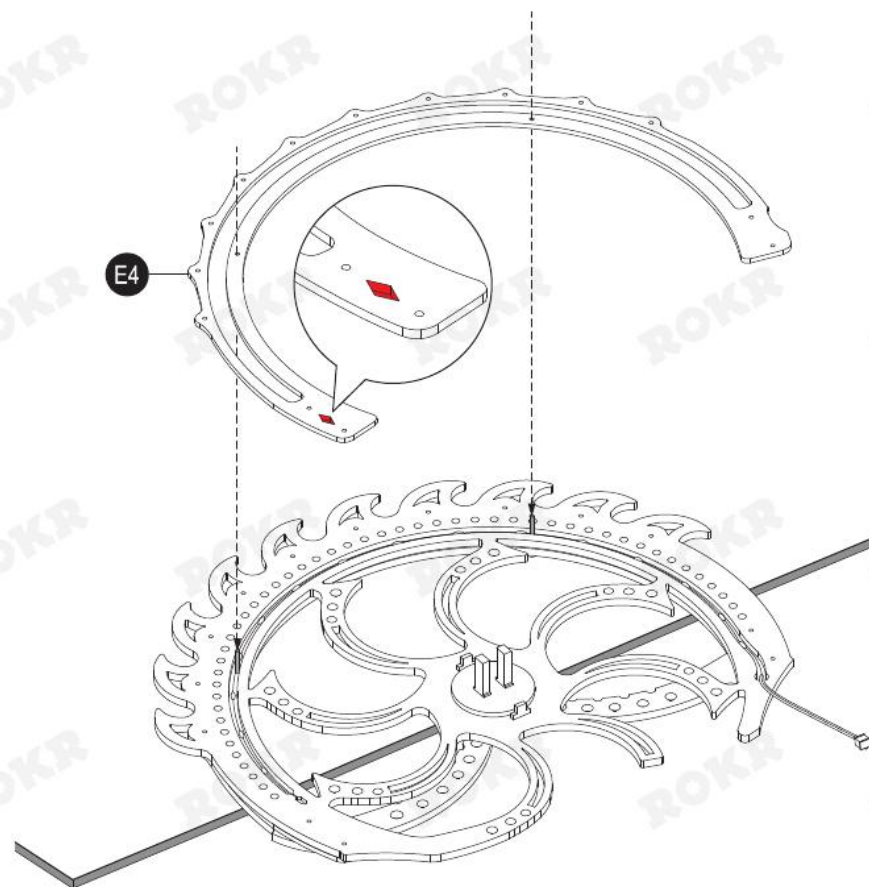


1
P2
3
P12

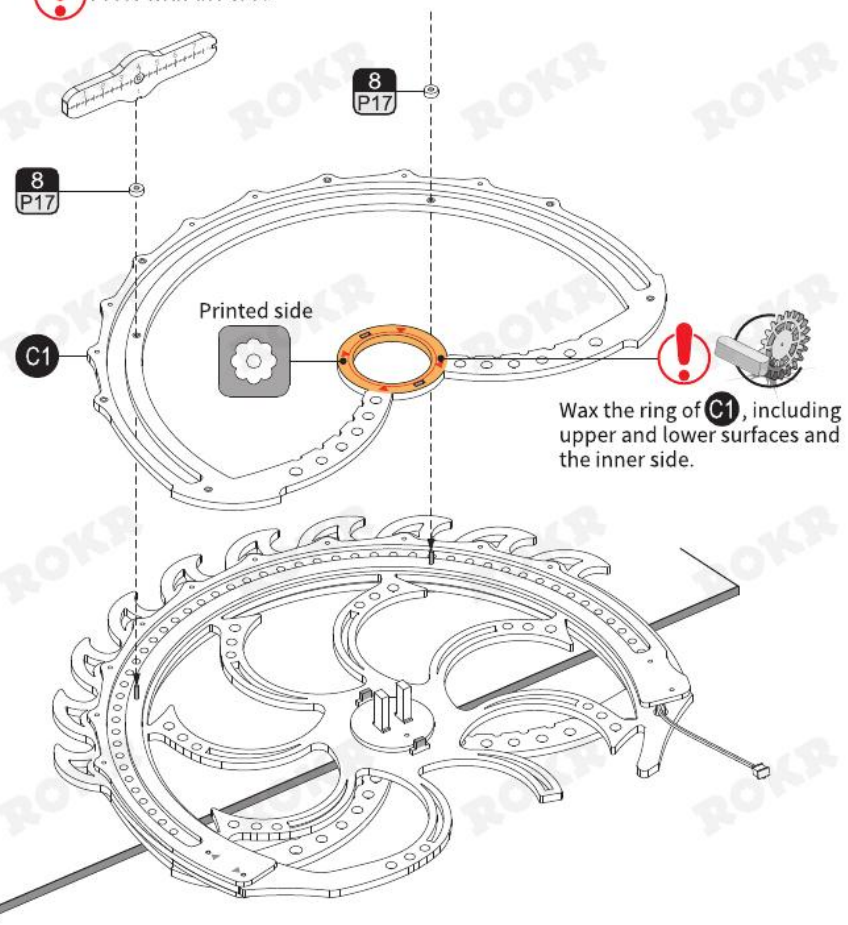


C1

E4

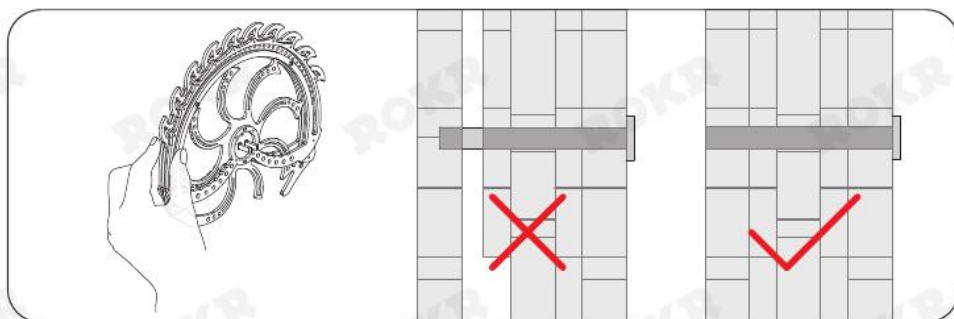
8
P17 x2

! Press with the tool.

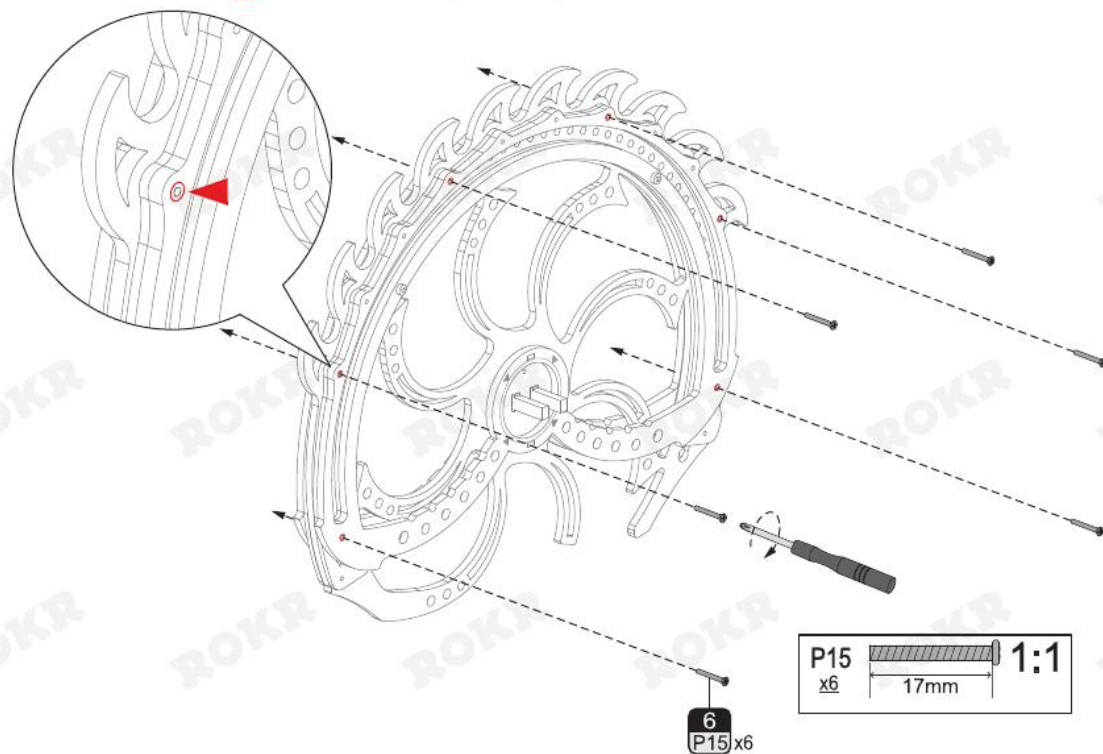


! Check if the light strip is inserted into the groove.

6
P15 x6



! Pinch both ends together before tightening the screws. Ensure the screws do not protrude beyond the surface of the board.



2

B1-a

B1-b

B8-a

B8-b

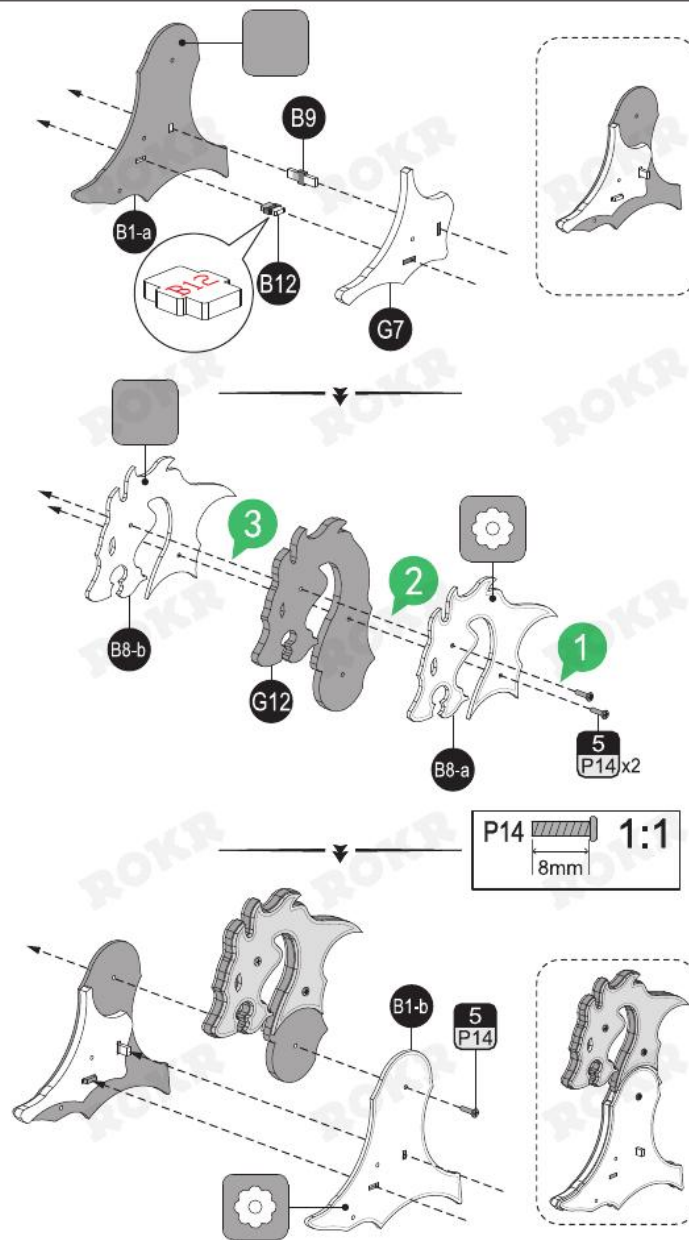
B9

B12

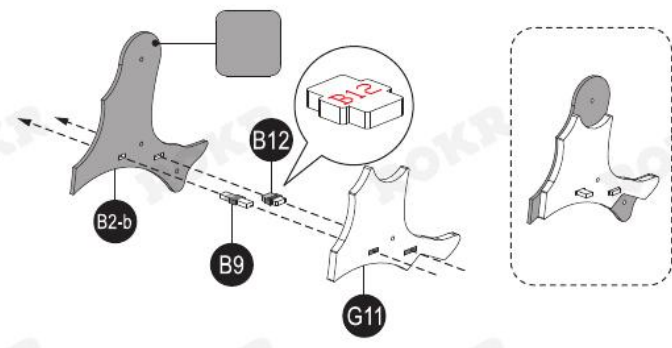
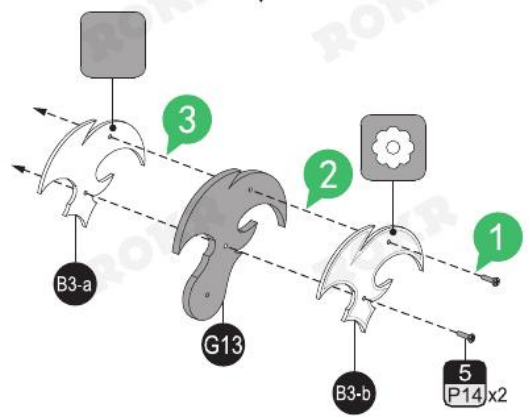
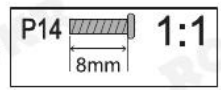
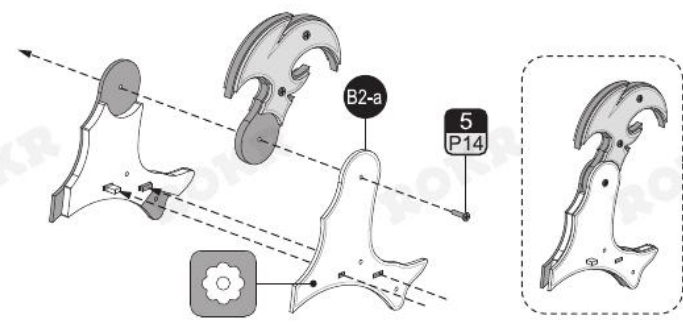
G7

G12

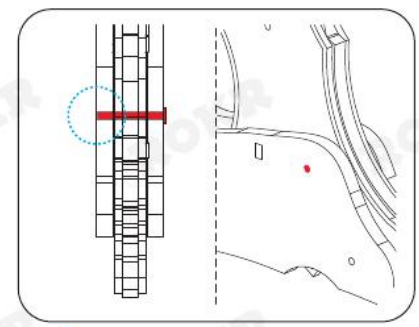
5 P14 x3



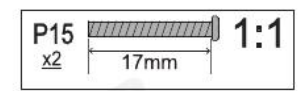
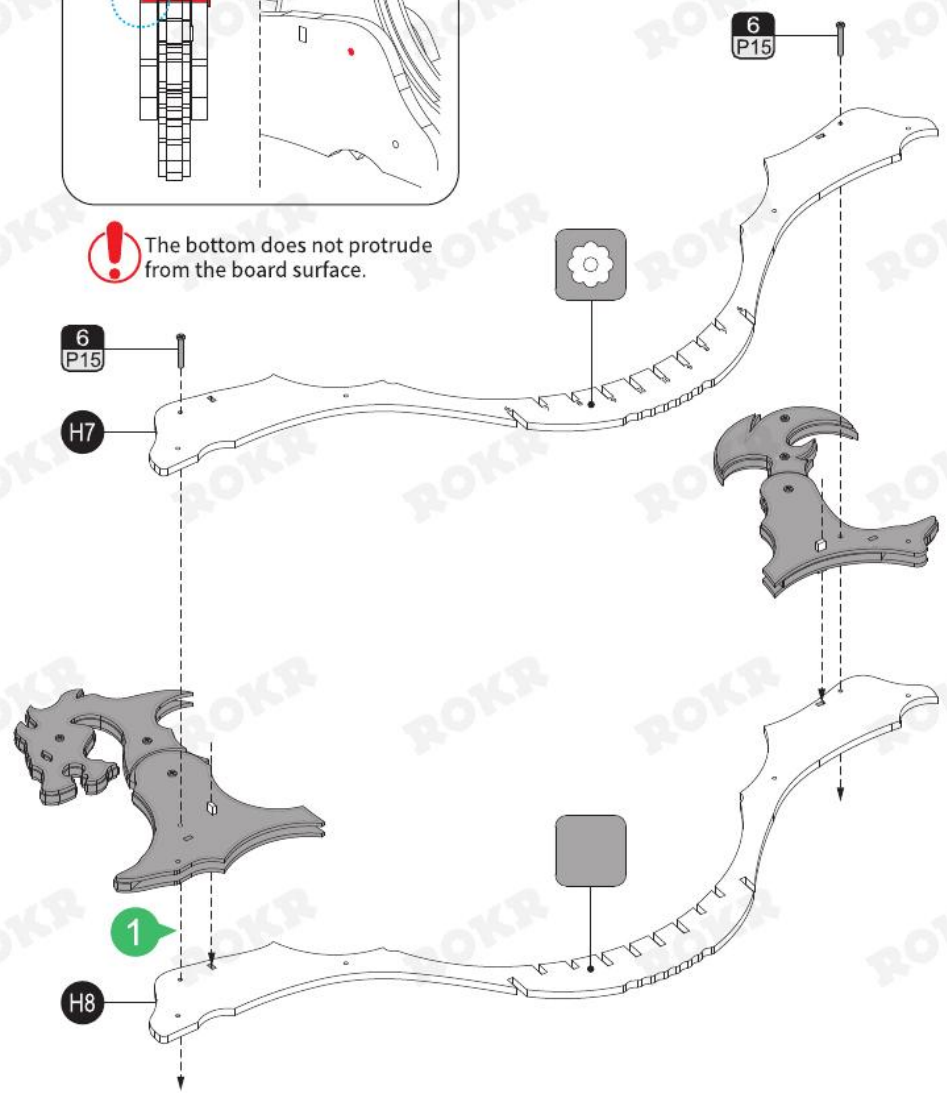
- B2-a
- B2-b
- B3-a
- B3-b
- B9
- B12
- G11
- G13
- 5 P14 x3



- H7
- H8
- 6 P15 x2

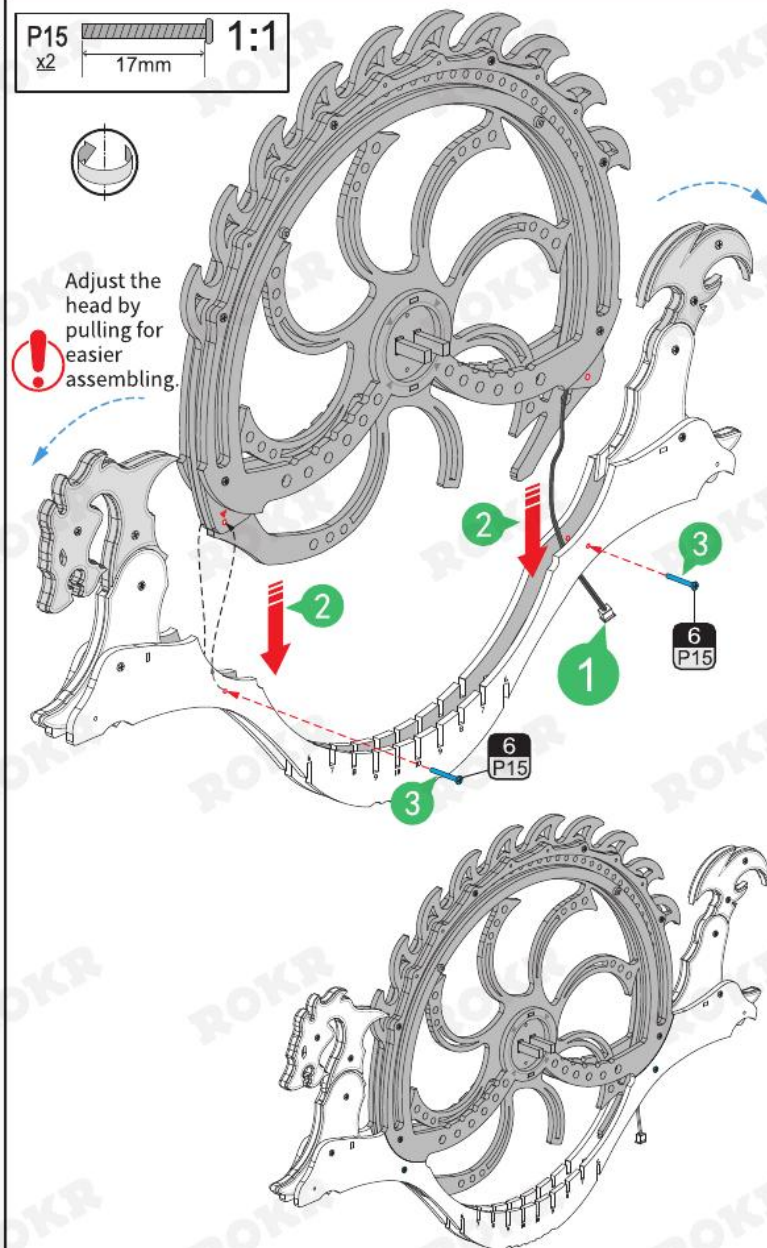


! The bottom does not protrude from the board surface.



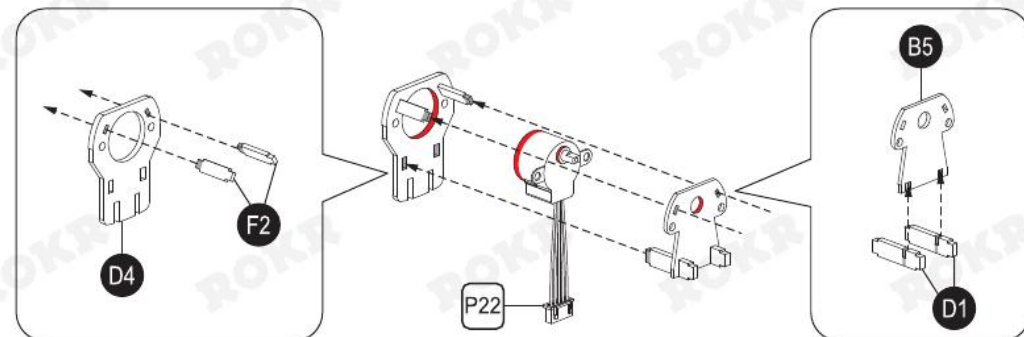
6
P15 x2

P15 1:1
x2 17mm



3

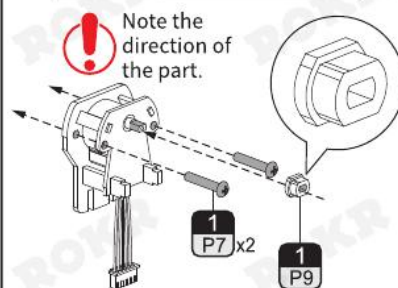
B5
D1 x2
D4
F2 x2
P22



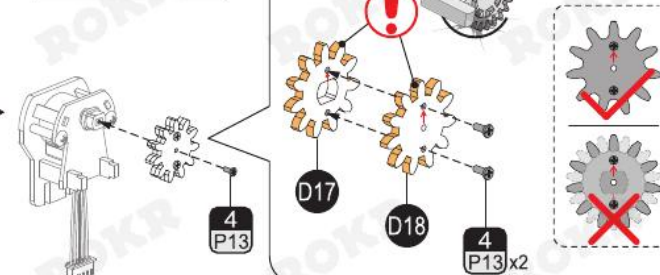
D17
D18
1 P7 x2
1 P9
4 P13 x3

P7 1:1
x2 22mm

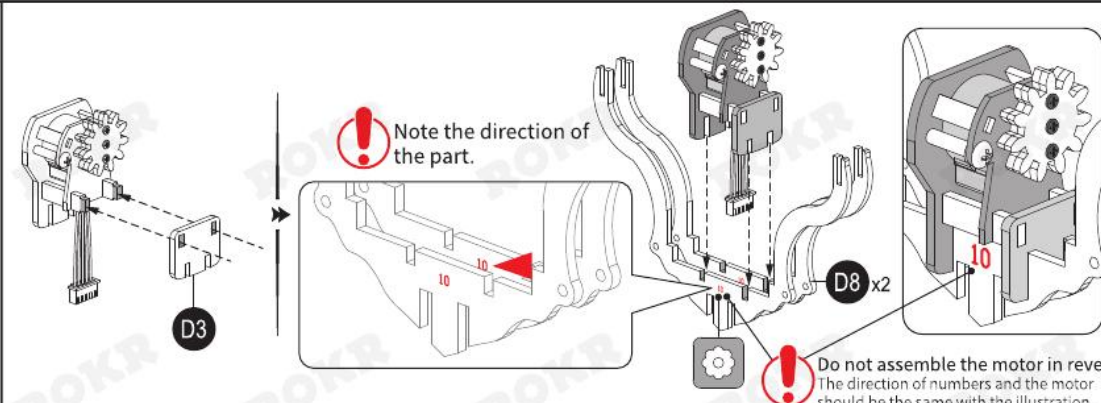
Note the direction of the part.



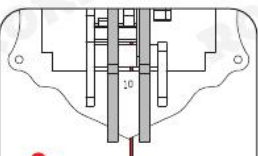
P13 1:1
x3 6mm



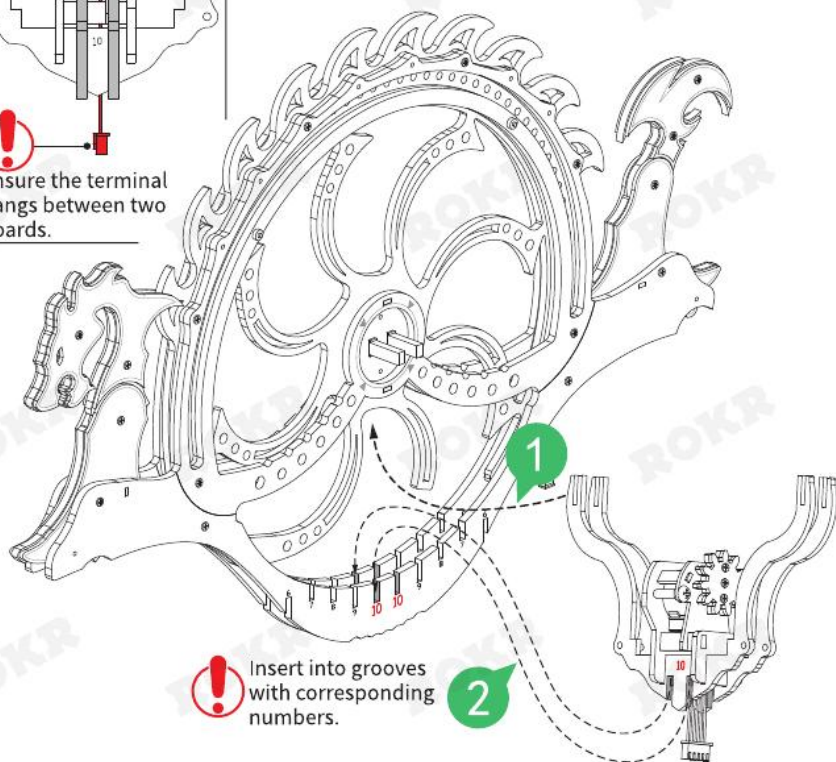
D3
D8 x2



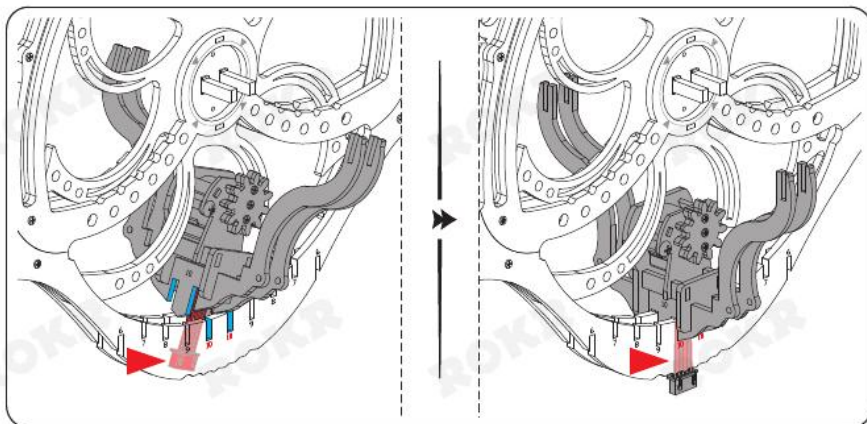
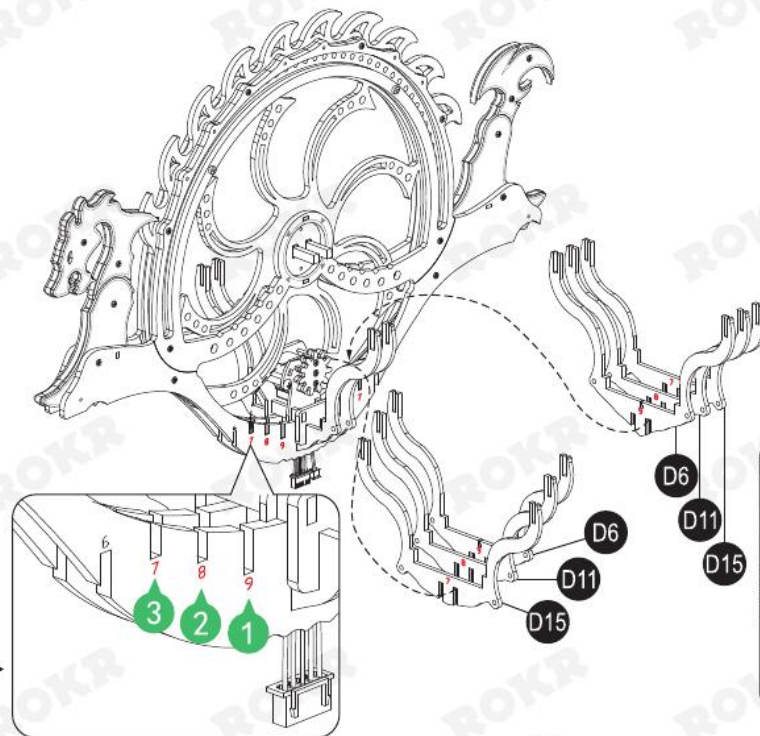
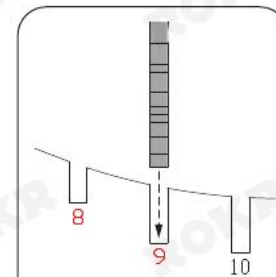
D15_{x2}



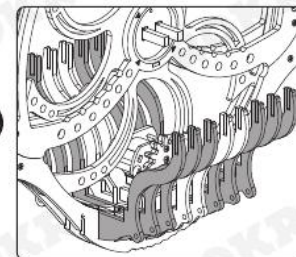
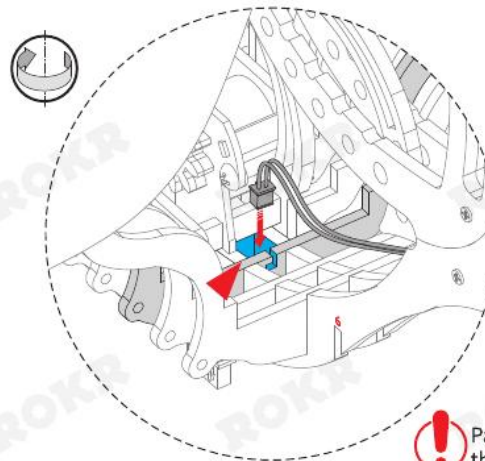
 Ensure the terminal hangs between two boards.



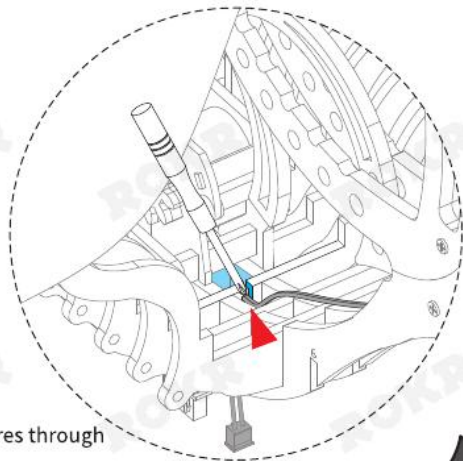
 Insert into grooves with corresponding numbers.



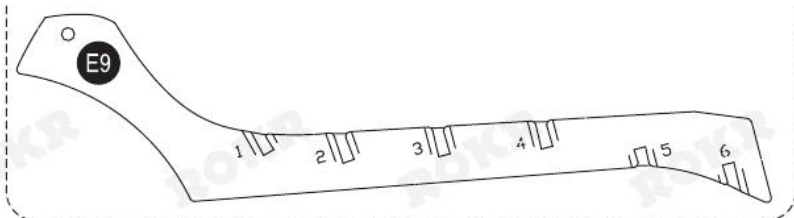
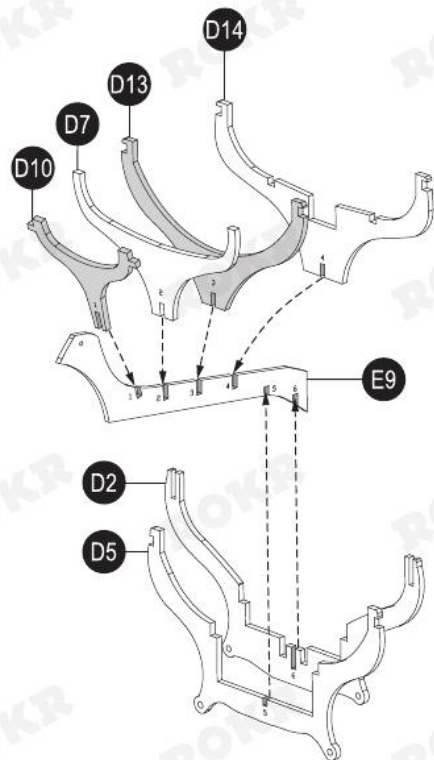
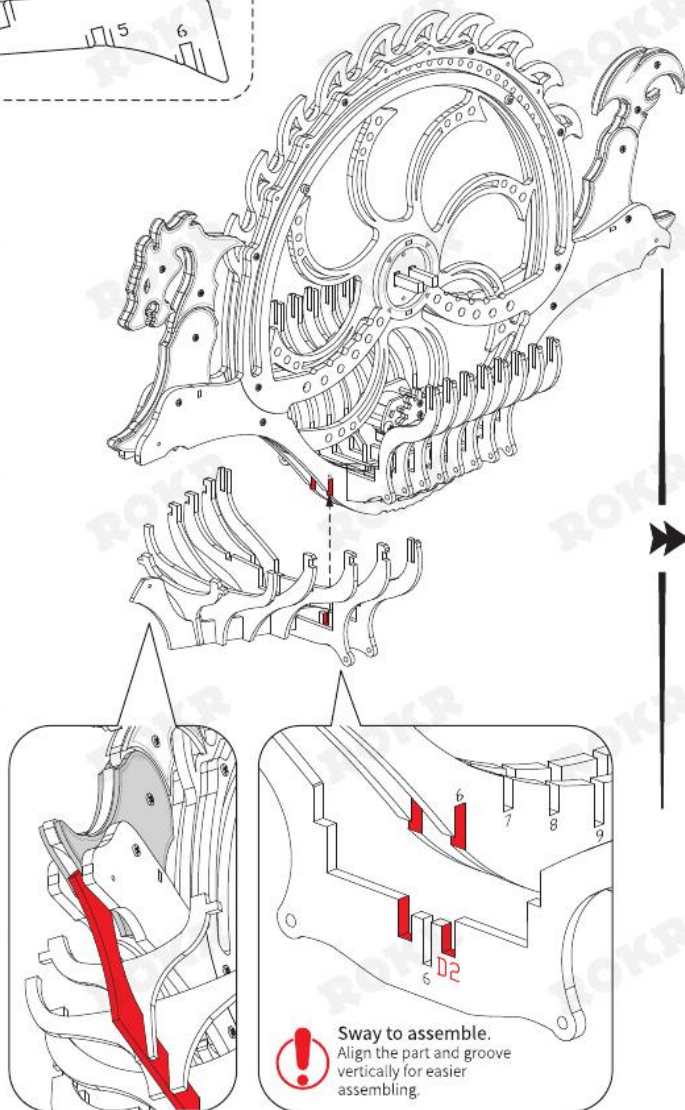
 **Sway to assemble.**
Align the part and groove vertically for easier assembling.



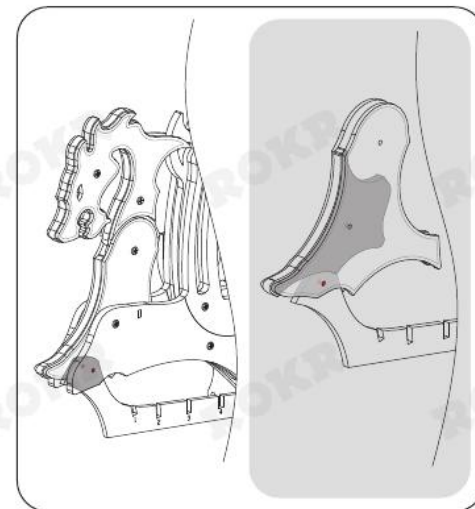
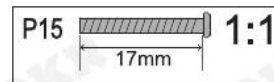
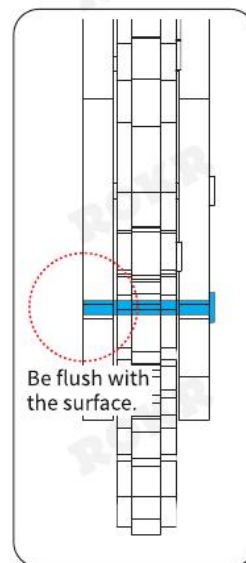
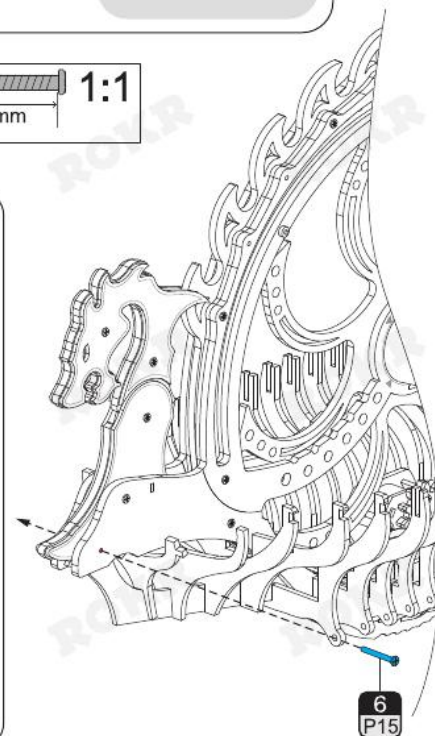
 Pass the wires through the hole.



D2
D5
D7
D10
D13
D14
E9
6
P15

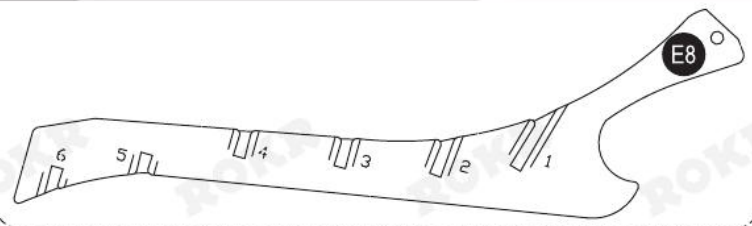
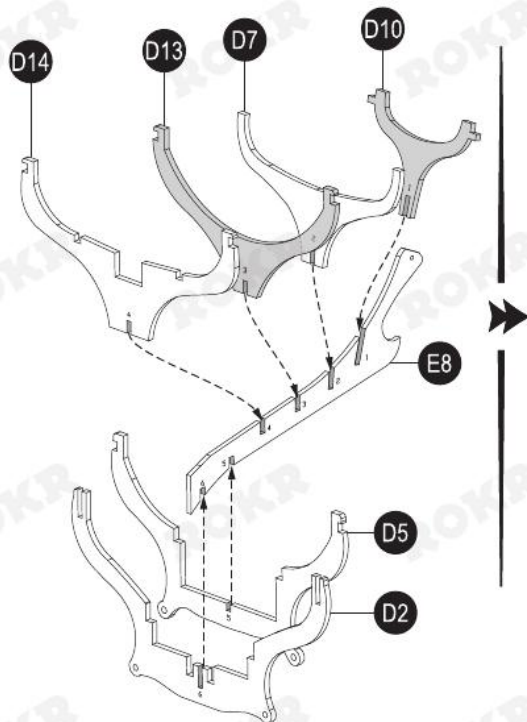
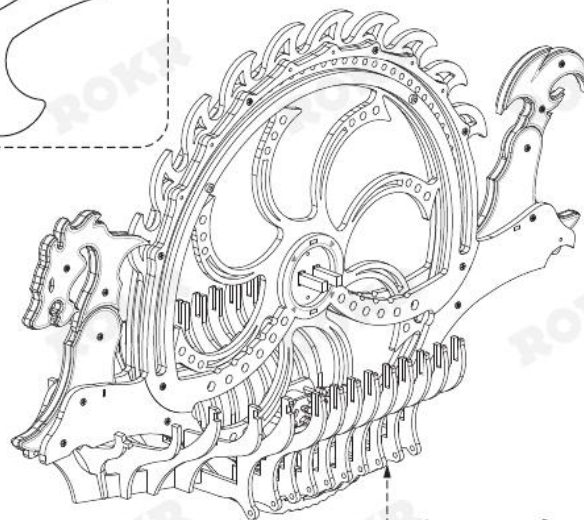
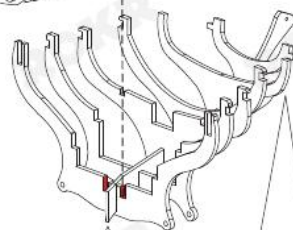
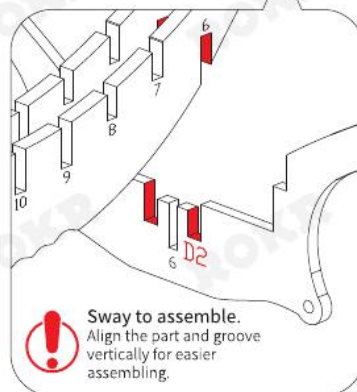
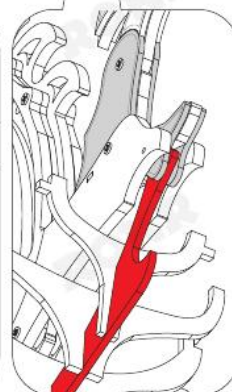
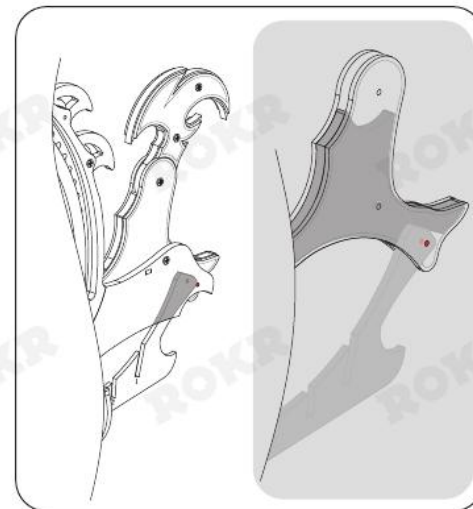
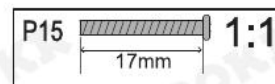
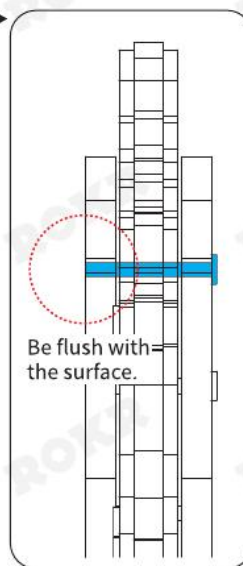
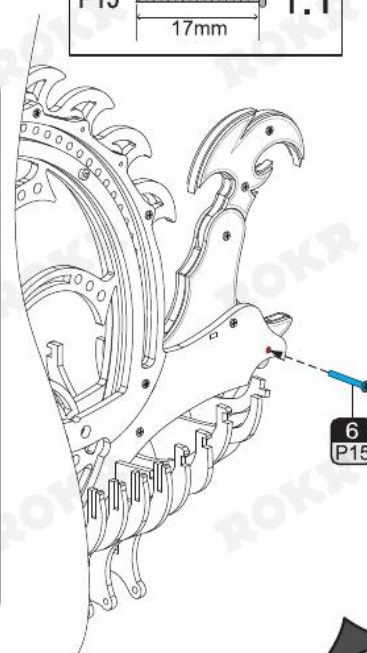


 Sway to assemble.
Align the part and groove
vertically for easier
assembling.



6
P15

D2
D5
D7
D10
D13
D14
E8
6
P15

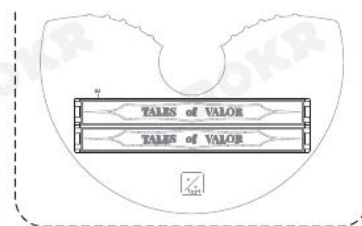


4

C3

G6 x2

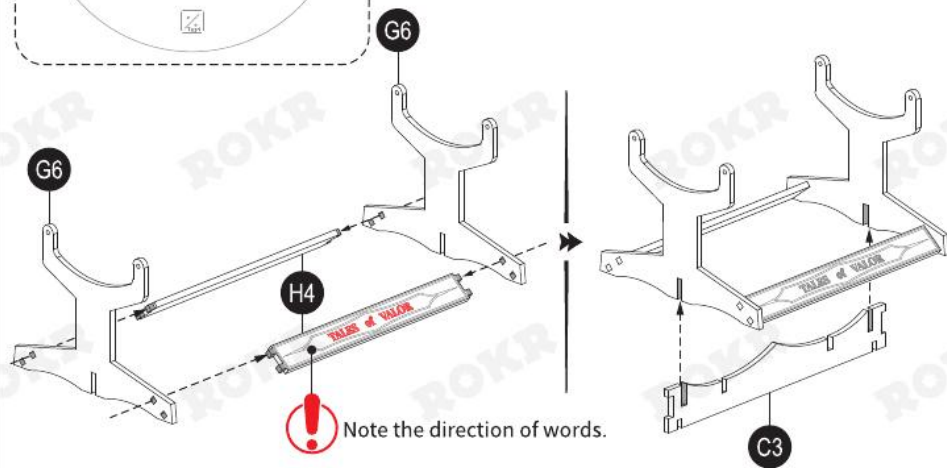
H4 x2



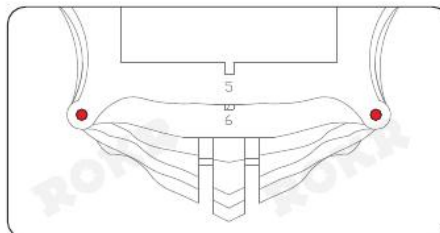
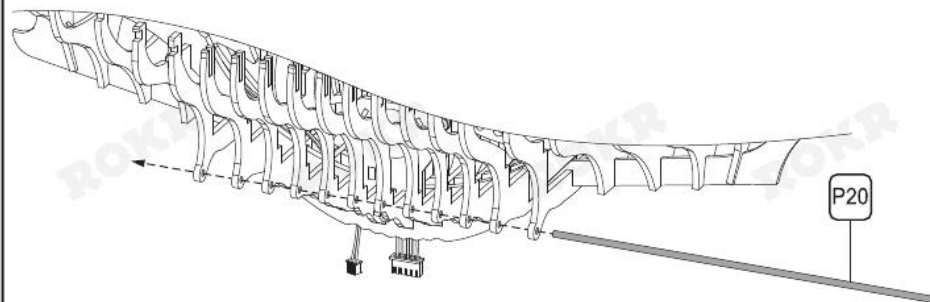
P20

190mm

1:1

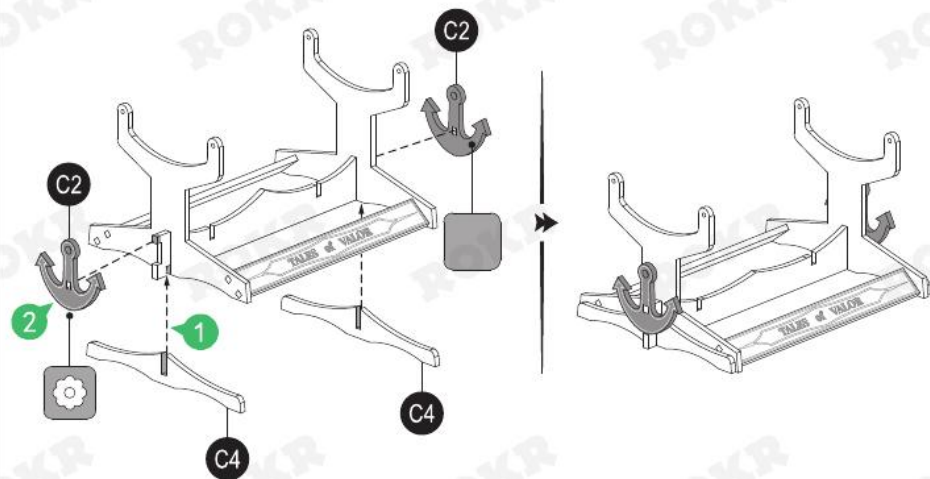
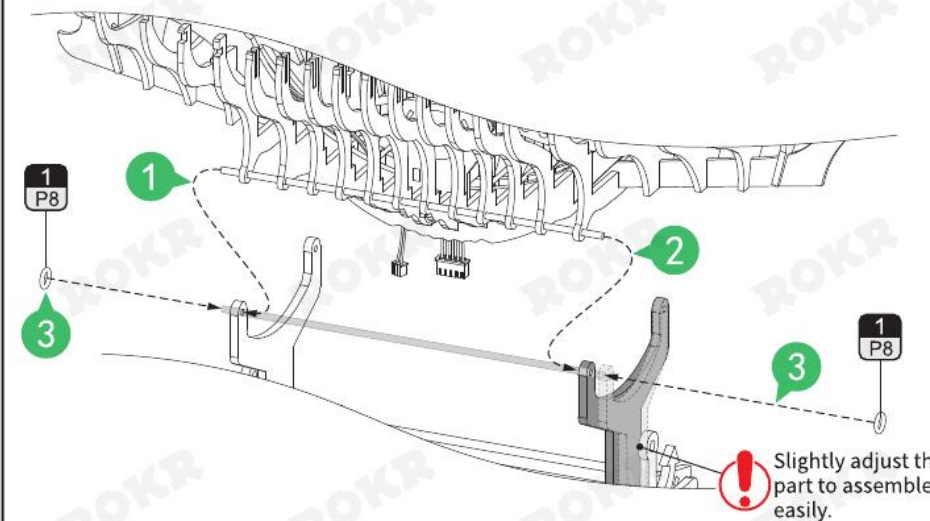
1
P8 x2

P20



C2 x2

C4 x2

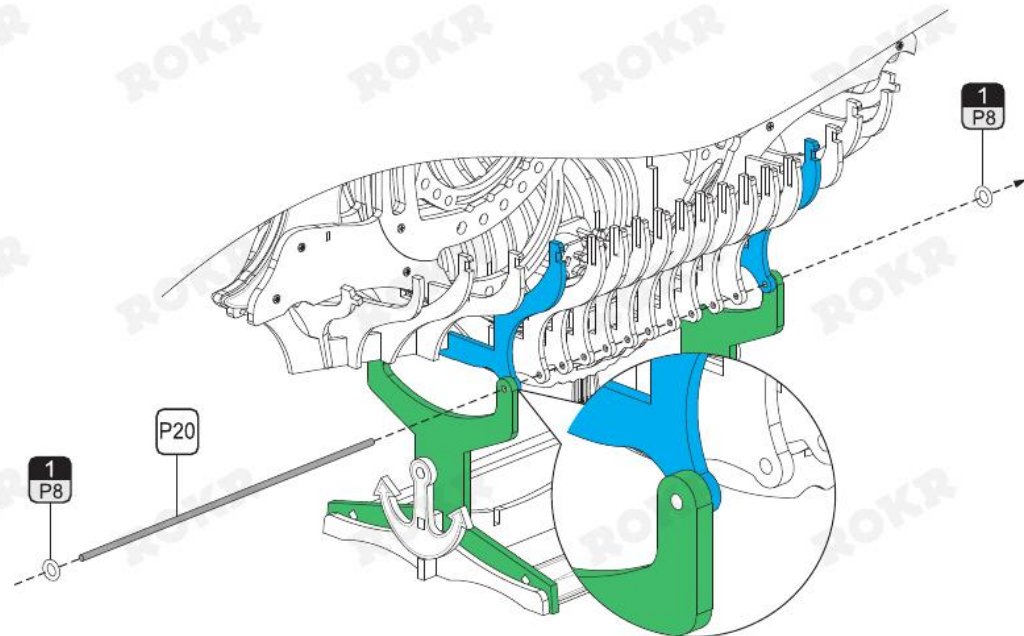


D16 x2

G5 x2

1
P8 x2

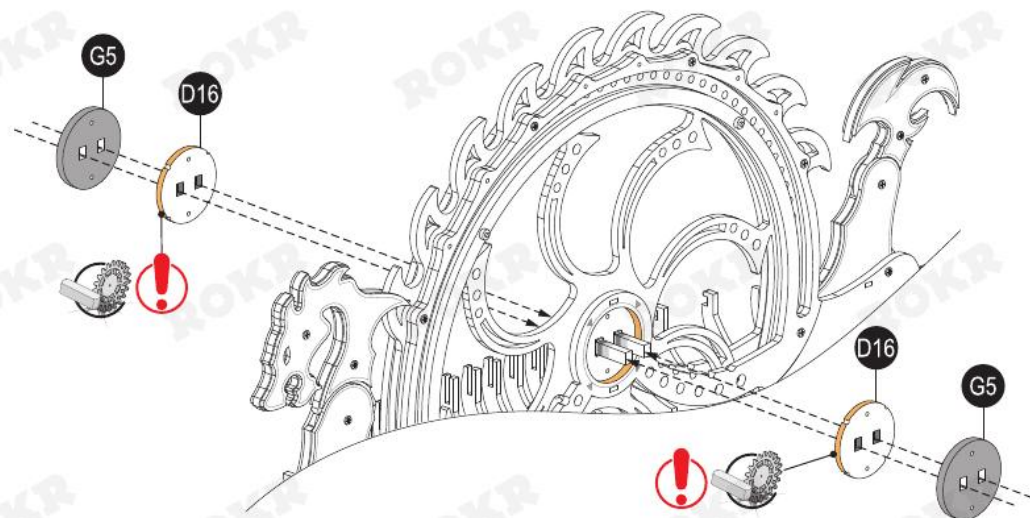
P20



1
P8

1
P8

P20

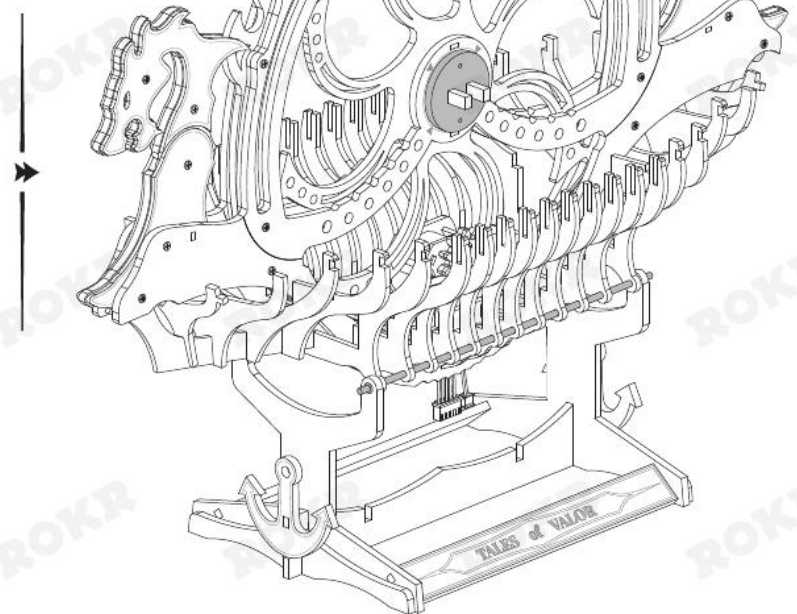


G5

D16

D16

G5



5

E3 x2

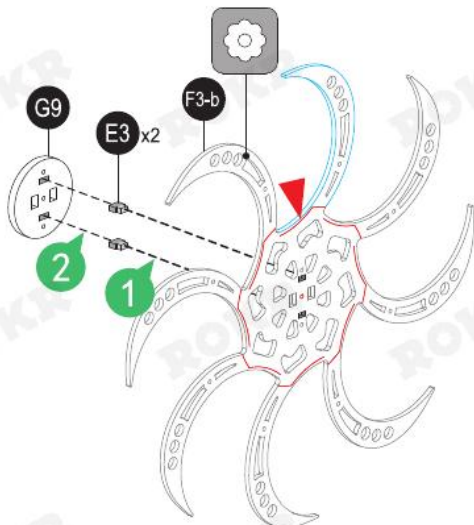
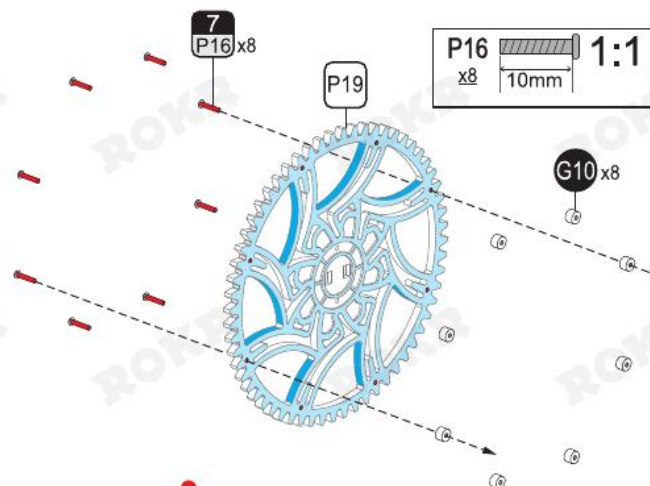
F3-b

G9

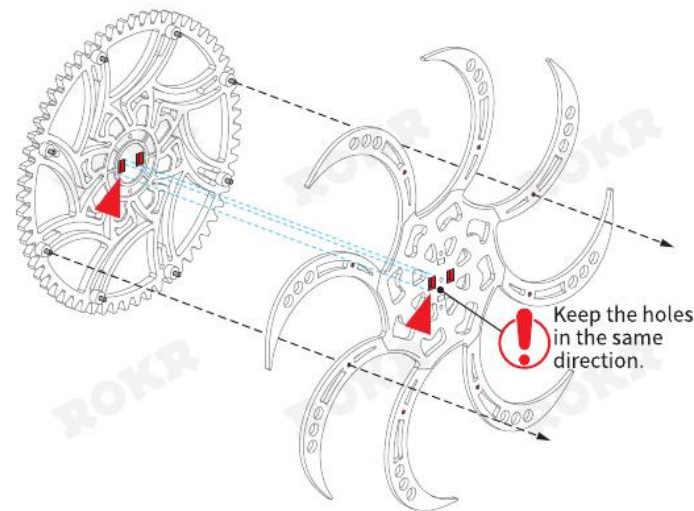
G10 x8

7
P16 x8

P19

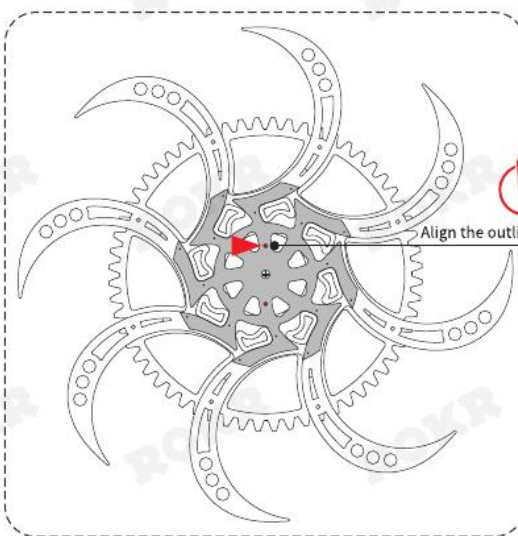


1. Note the direction of parts.
2. Assemble screws one by one.

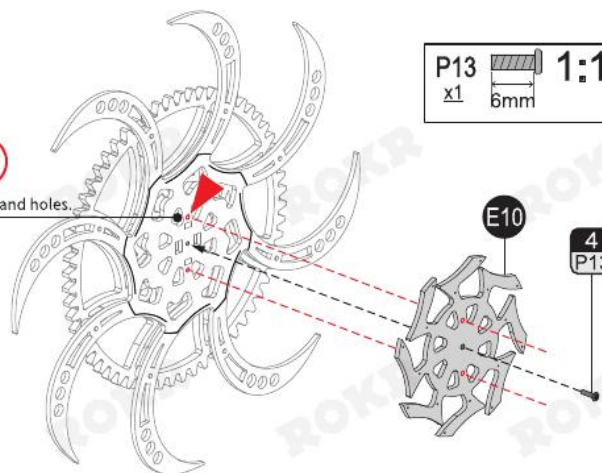


Keep the holes
in the same
direction.

E10

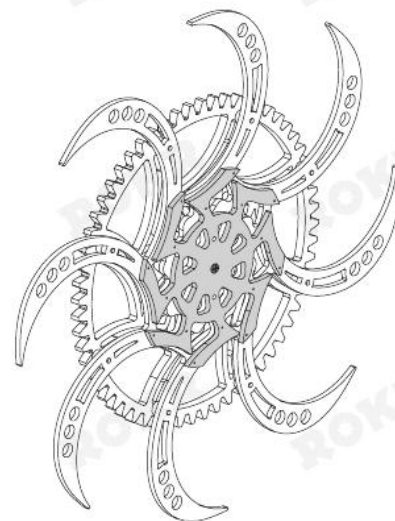
4
P13

Align the outline and holes.

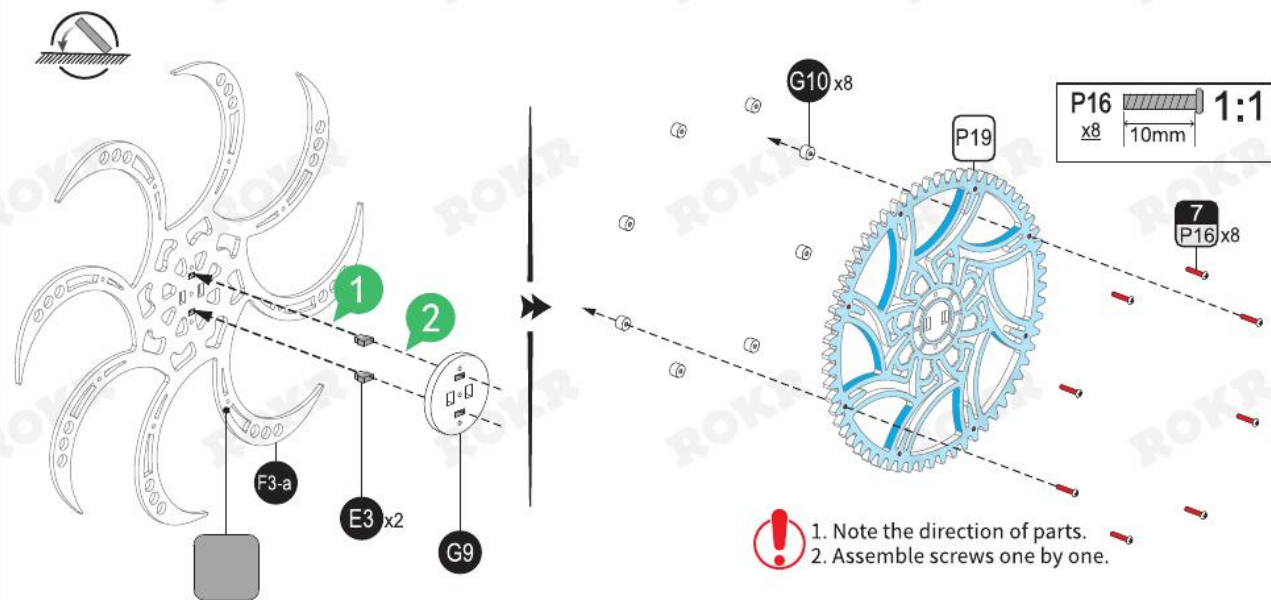
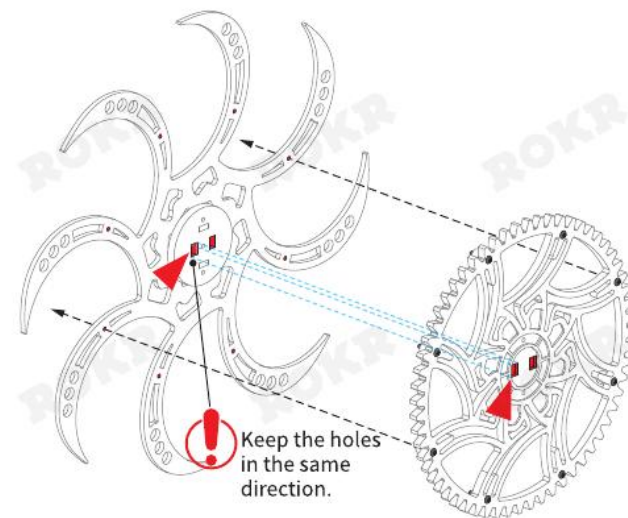


P13
x1
6mm
1:1

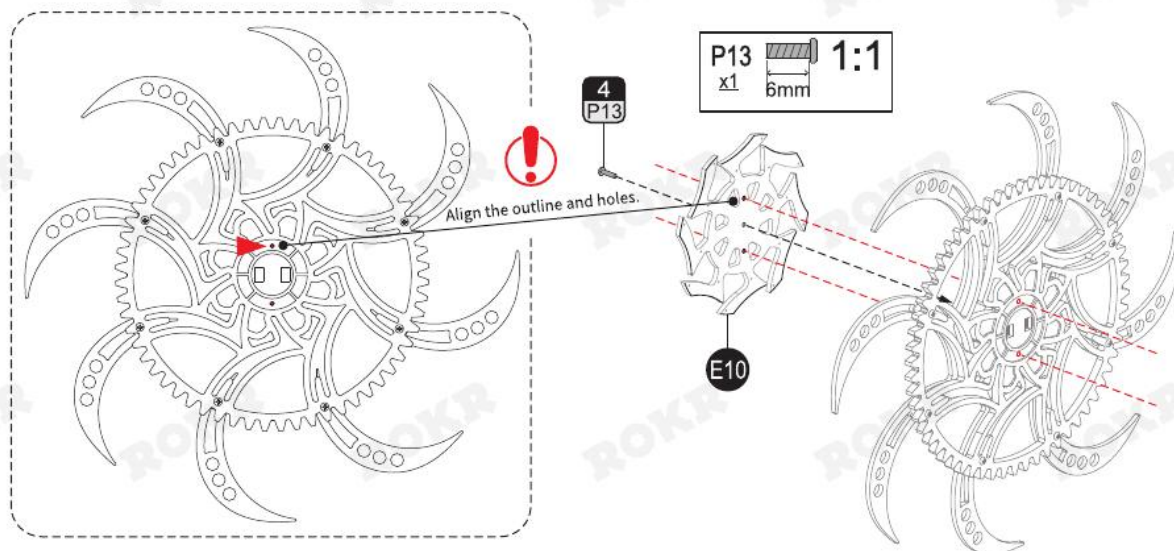
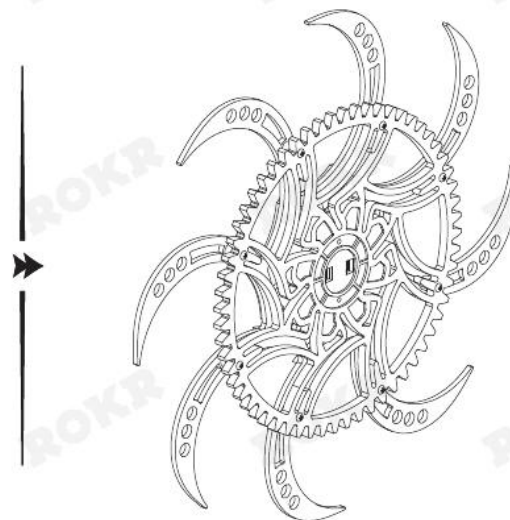
E10

4
P13

E3 x2
F3-a
G9
G10 x8
7
P16 x8
P19



E10
4
P13



6

E1-a

E2-a

E6-b

E7

F6

F8

F12

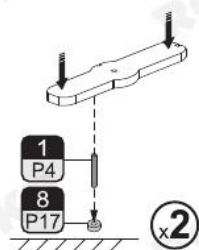
1
P4 x24
P13 x28
P17 x2

E7

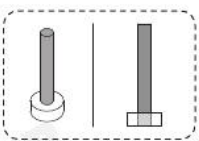


F12

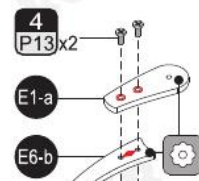
P4  1:1
x2 15mm

1
P48
P17

x2

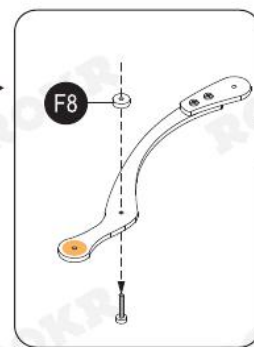


P13  1:1
x2 6mm

4
P13 x2

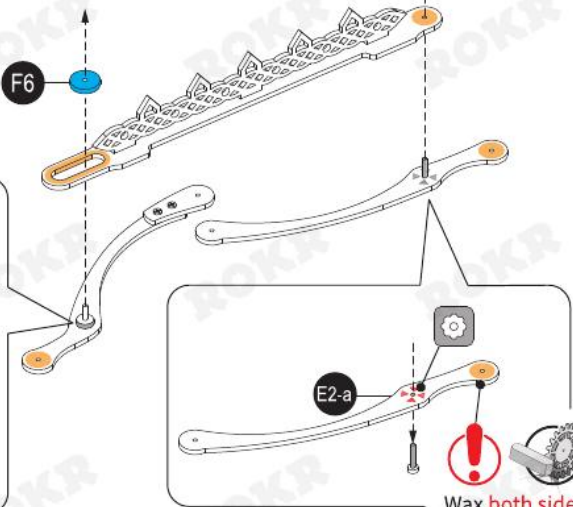
E1-a

E6-b

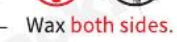
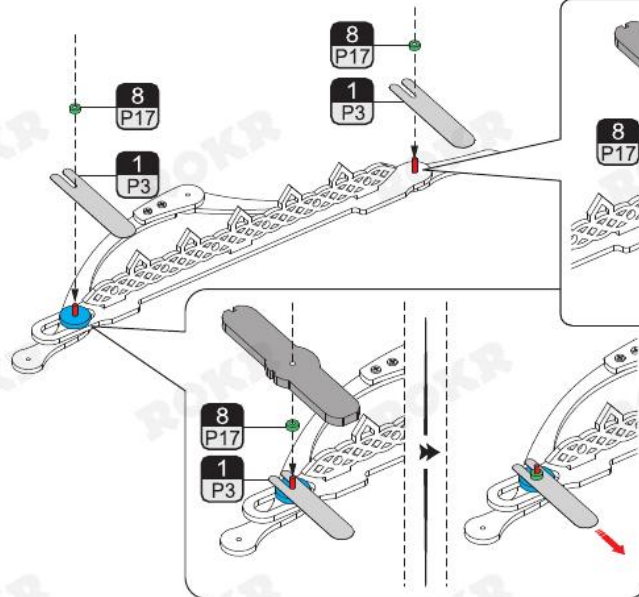
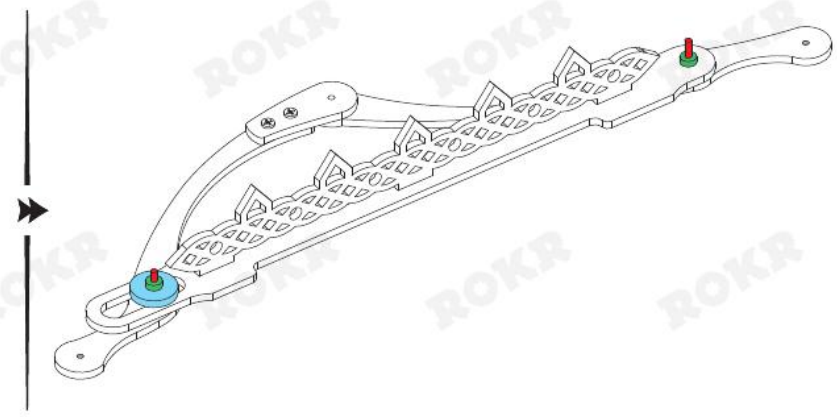


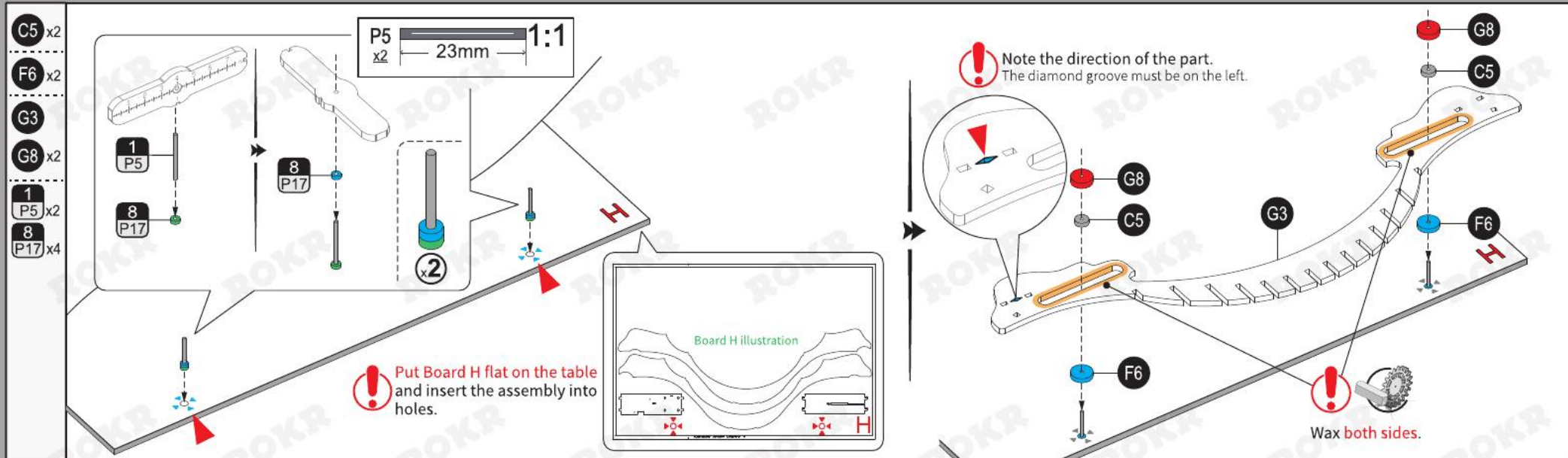
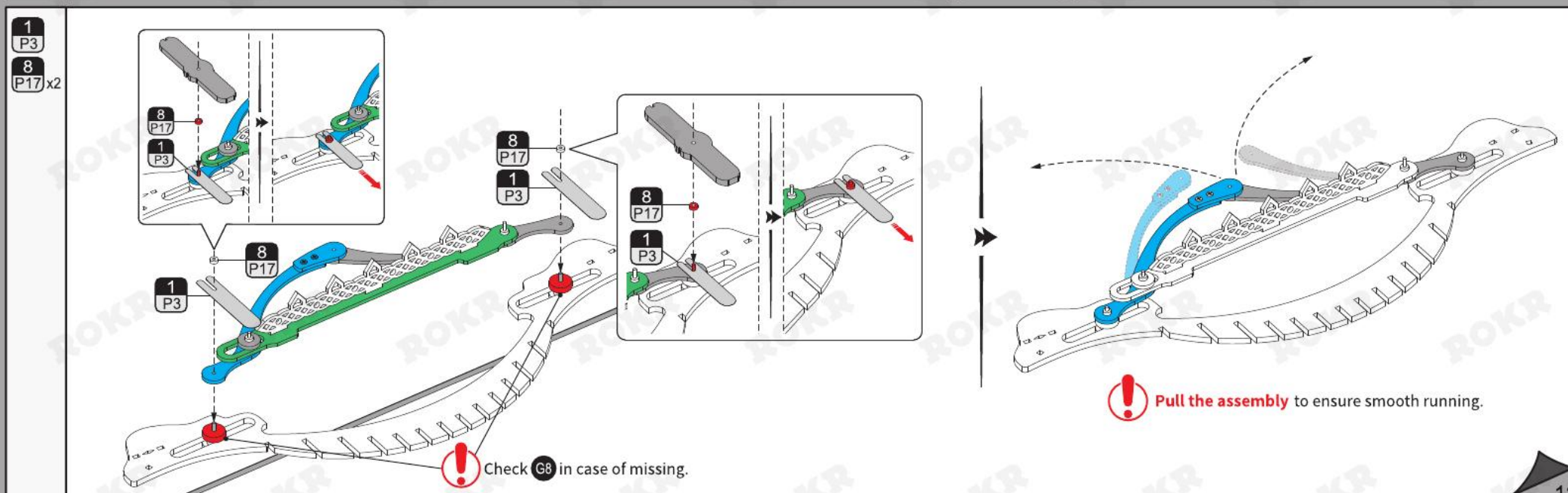
F8

F6



E2-a

1
P38
P17 x28
P171
P38
P171
P38
P171
P3



E1-b

E2-b

E6-a

E7

F6

F8

F12

1 P4 x2

4 P13 x2

8 P17 x2

Wax both sides.

P4 x2 15mm 1:1

P13 x2 6mm 1:1

1 P4

8 P17

4 P13 x2

E1-b

E6-a

F6

F8

E2-b

Wax both sides.

1 P3

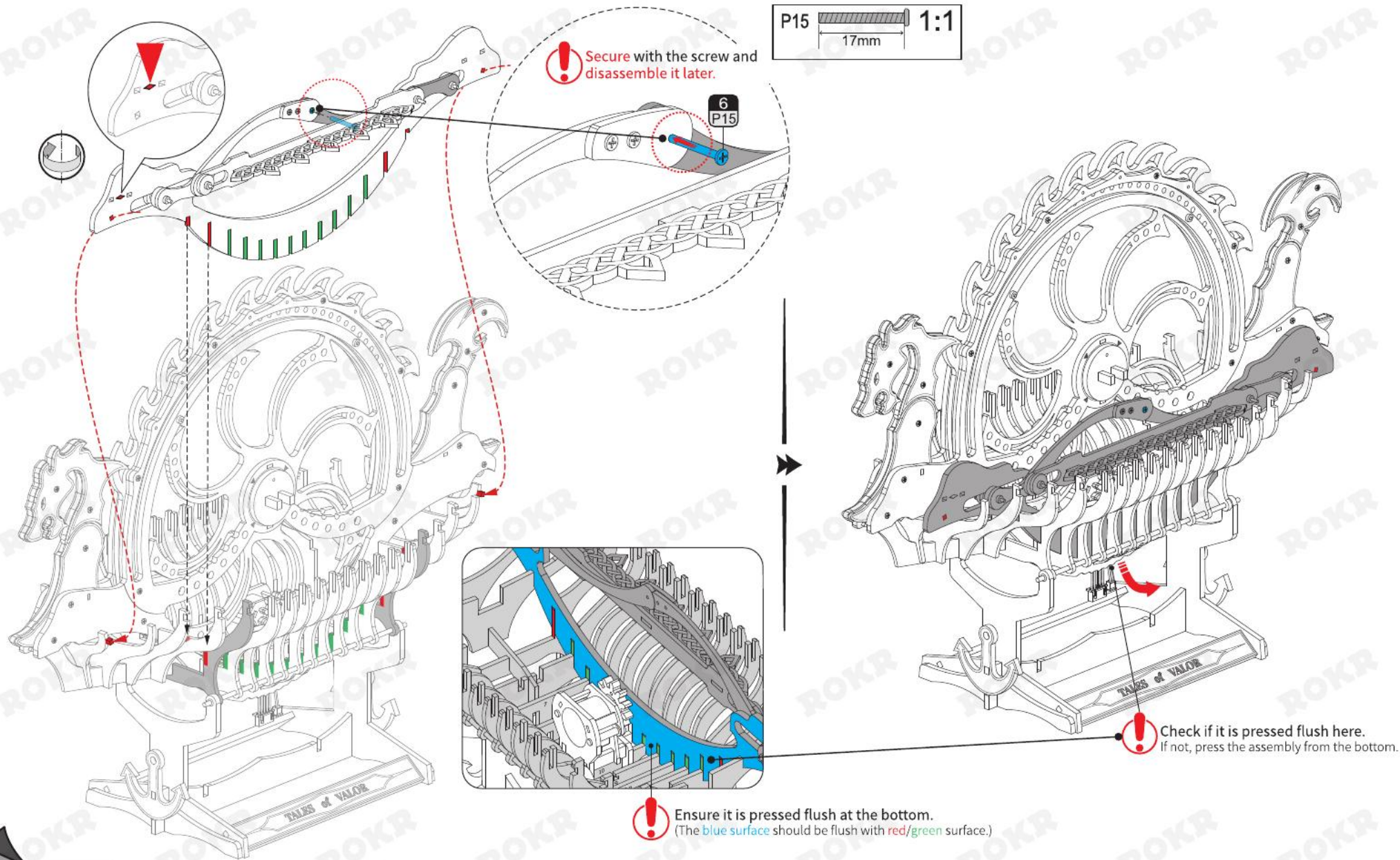
8 P17 x2

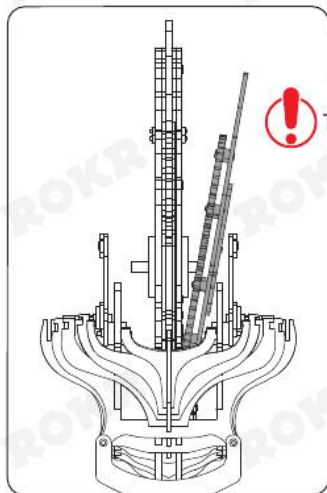
8 P17

1 P3

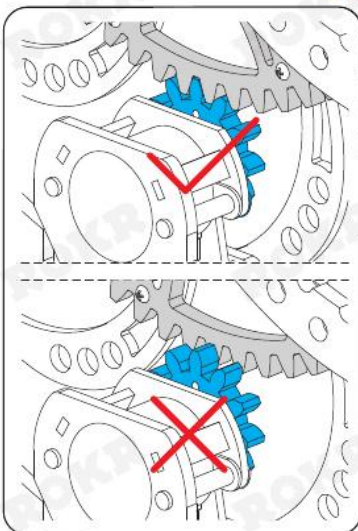
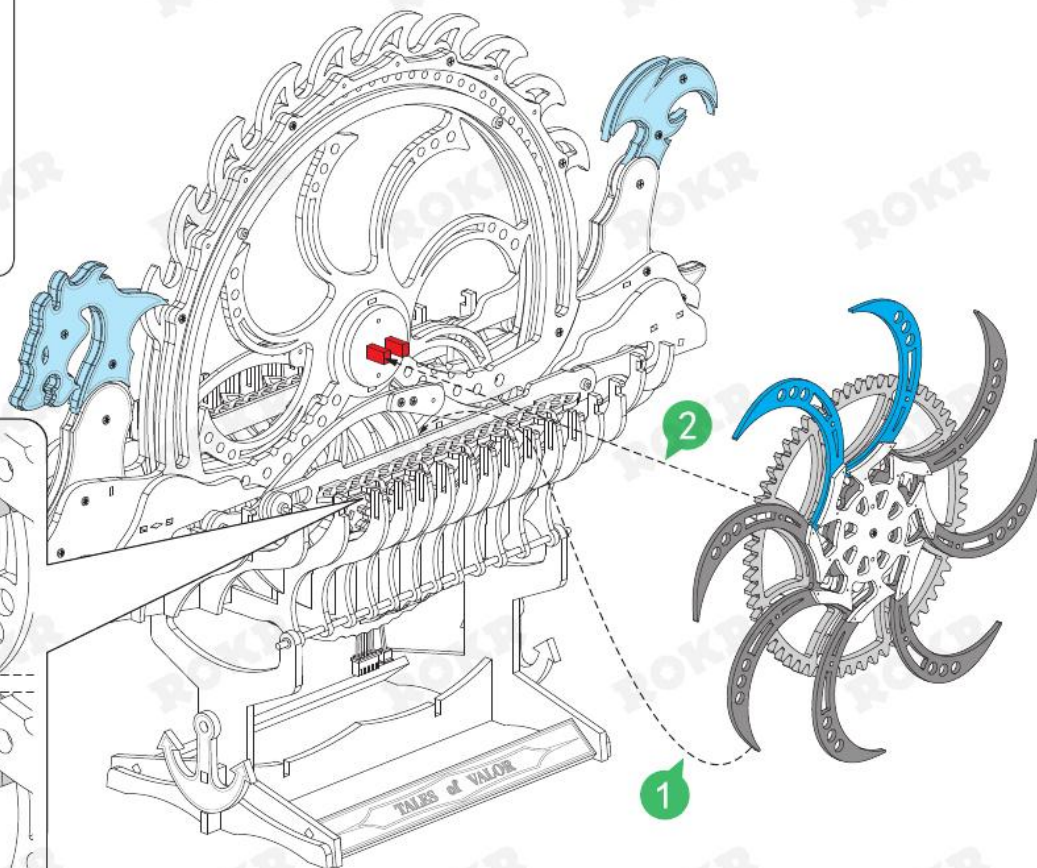
8 P17

1 P3

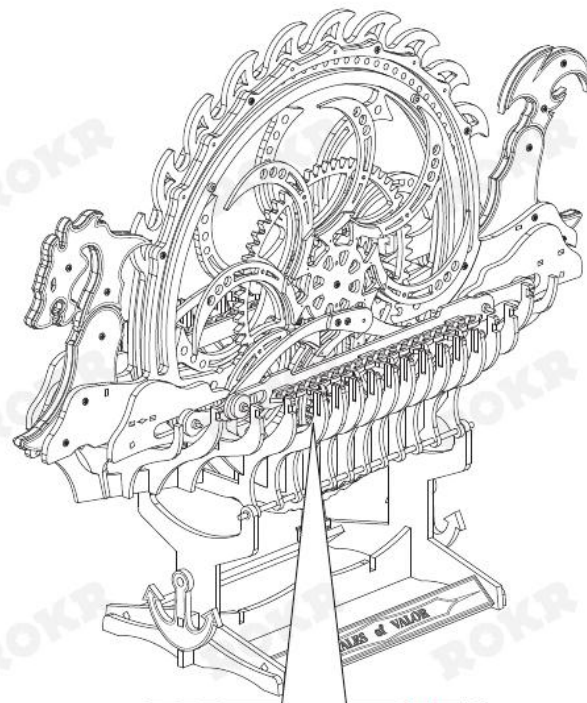
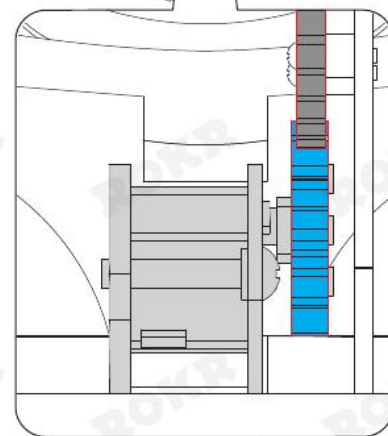




Tilt the assembly to assemble.



Engage the gear teeth, and then press the assembly to the deep. The gears cannot overlap as shown.



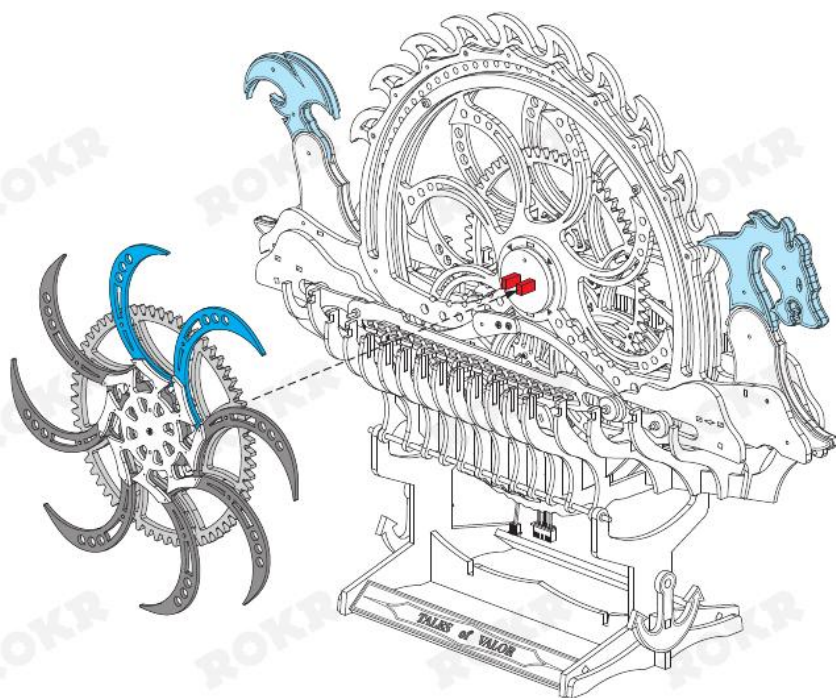
Check if gears engage. There is a little difference in the width of gear above and gear below.

F8 x6

F10 x2

F11 x2

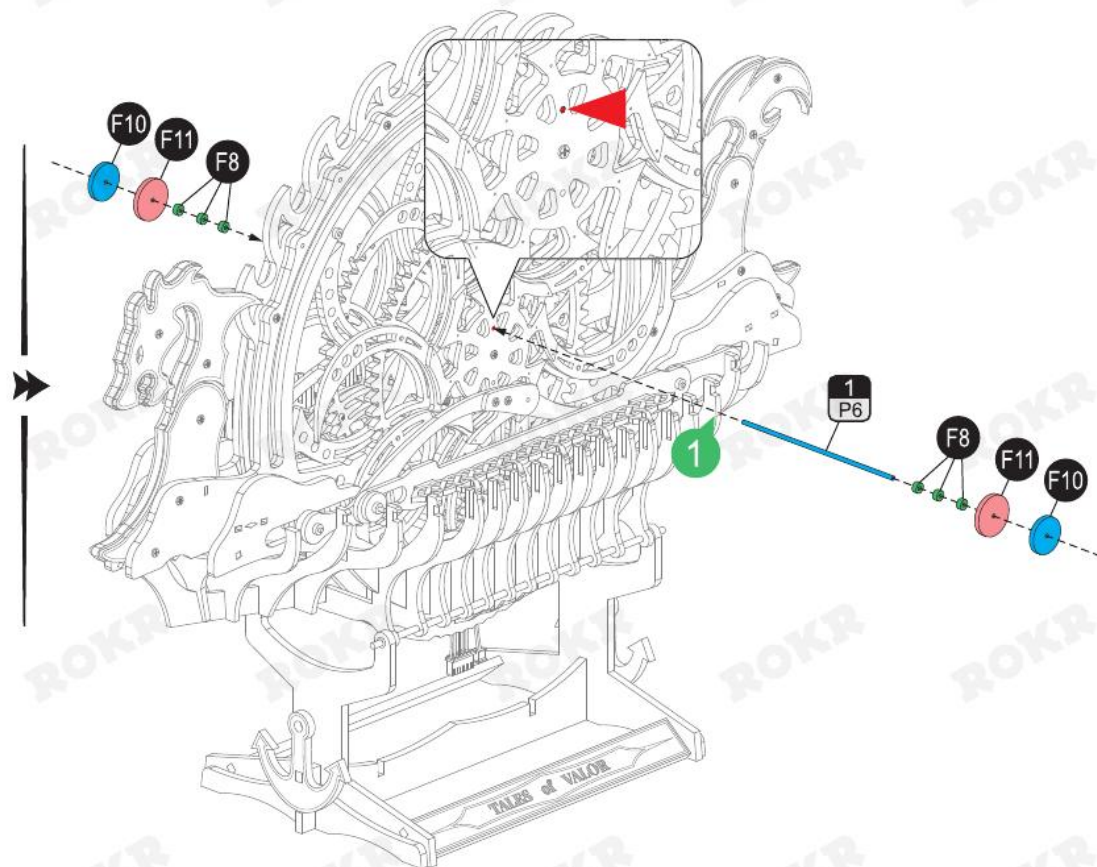
1
P6



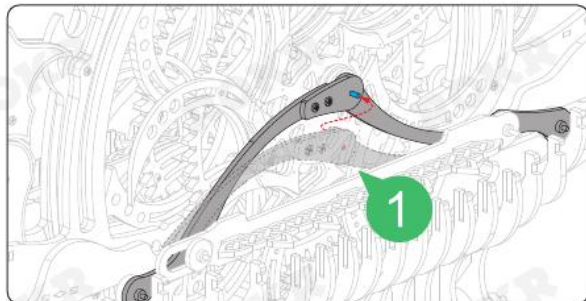
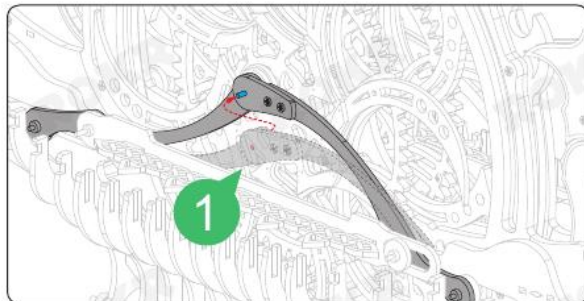
P6
x1

95mm

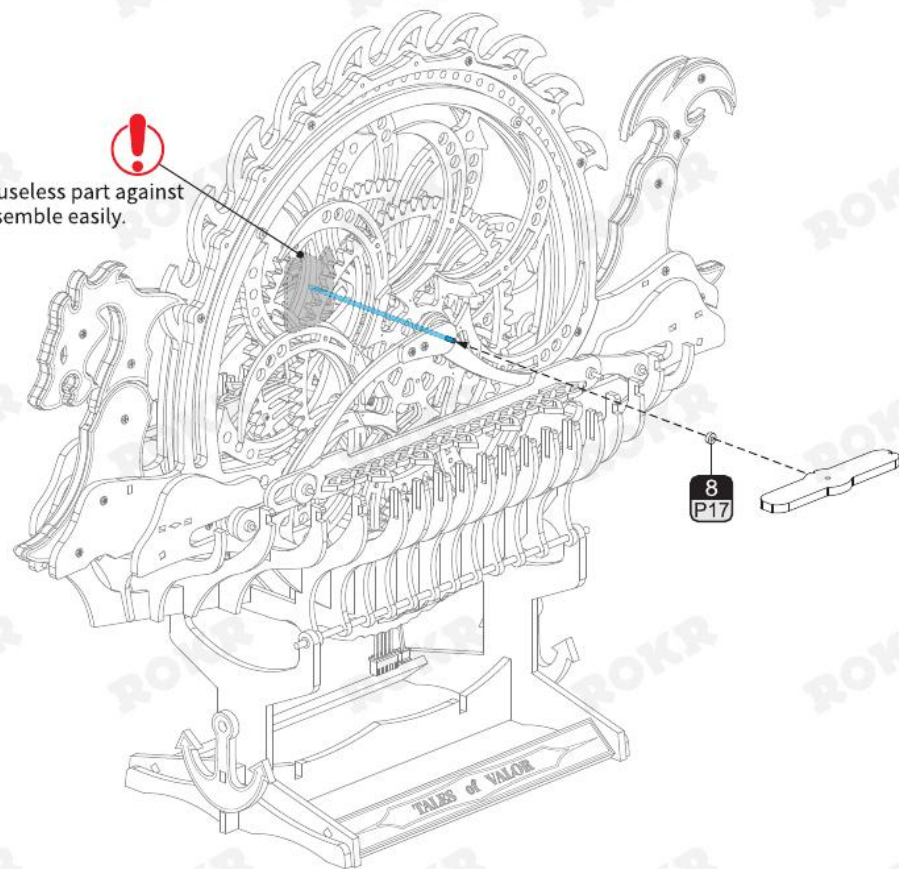
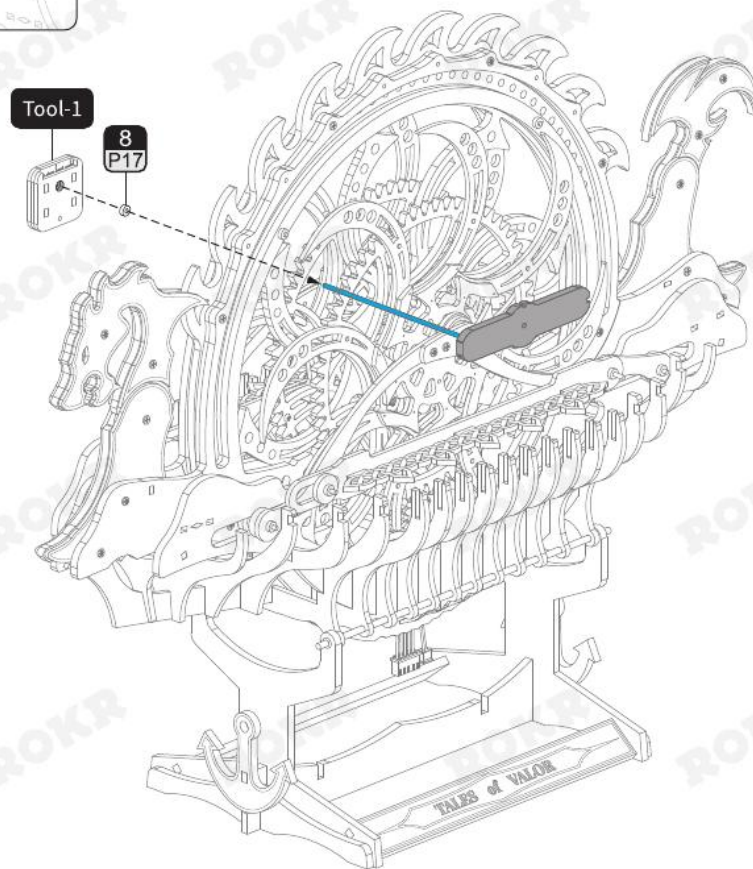
1:1



8
P17x2



Hold a useless part against it to assemble easily.



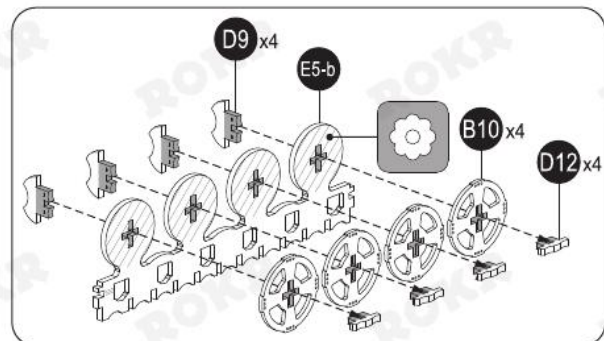
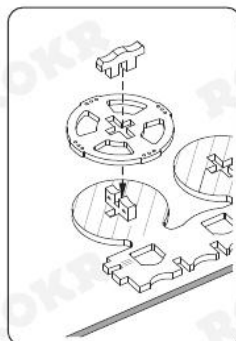
B10 x8

D9 x8

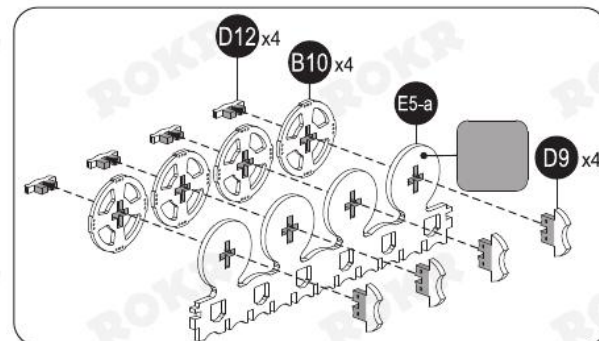
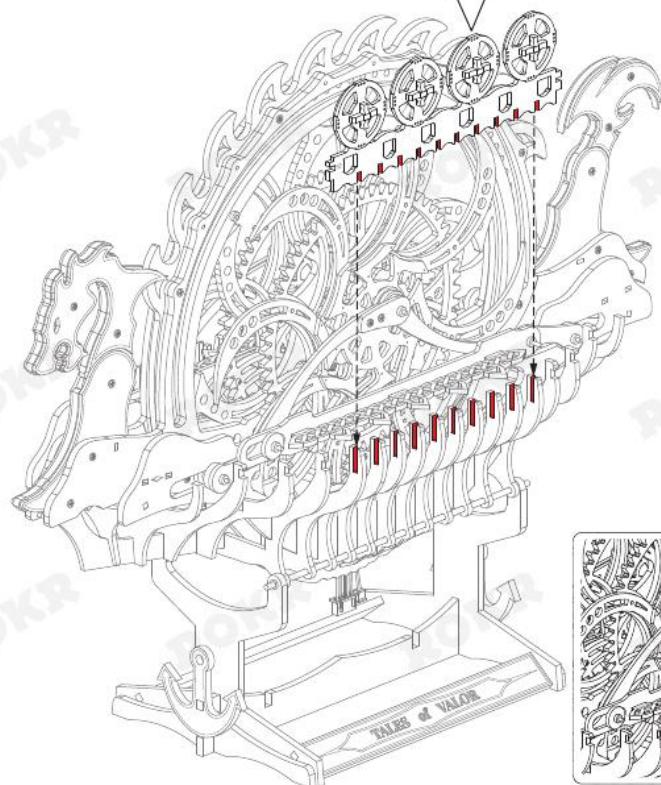
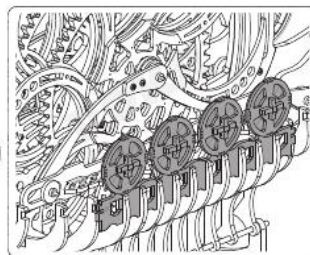
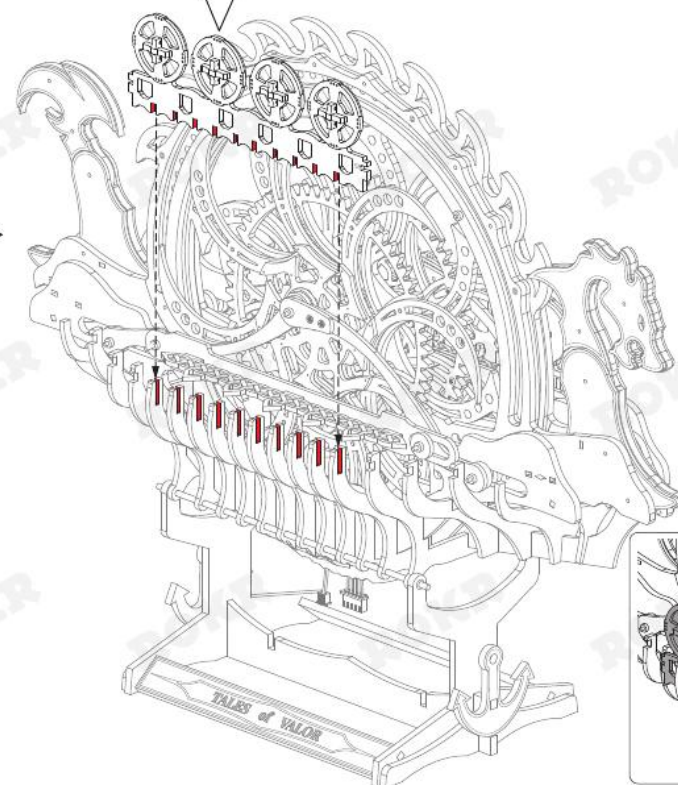
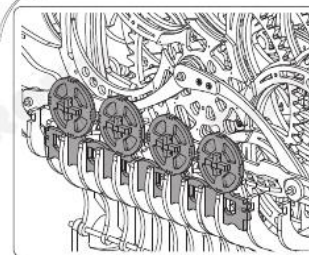
D12 x8

E5-a

E5-b

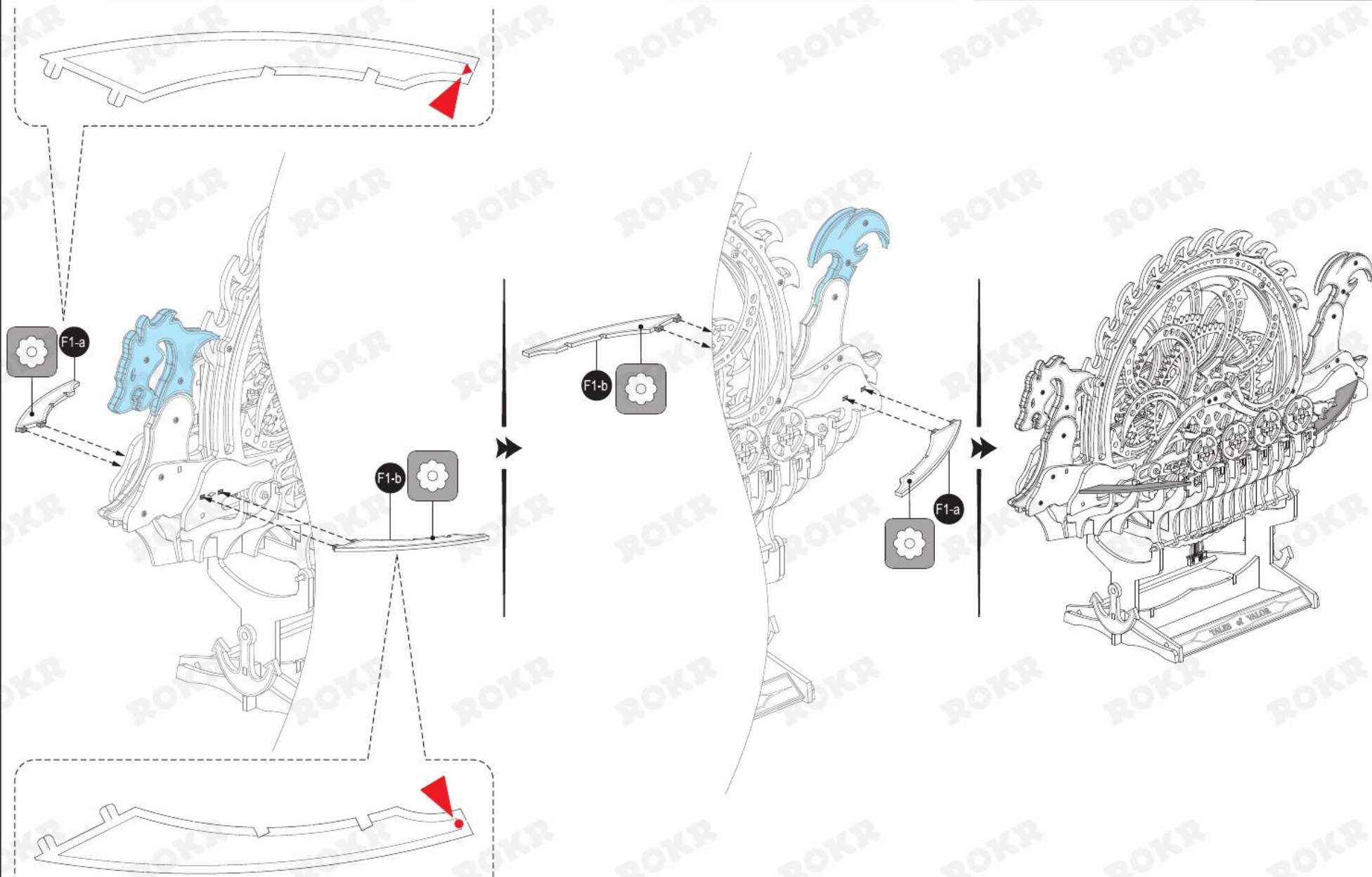


Put flat on the table to assemble easily.



F1-a x2

F1-b x2



7

H3 x2

H5 x2

H9

2 P10

2 P11

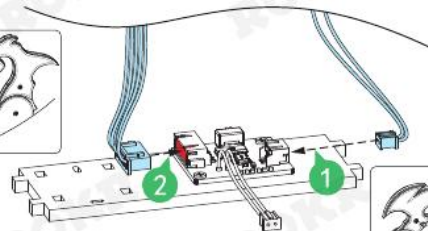
4 P13 x2

P13
x2
6mm
1:1

4 P13 x2

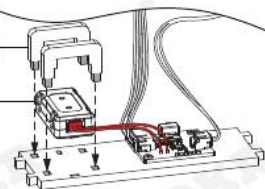
2 P11

H9



H3 x2

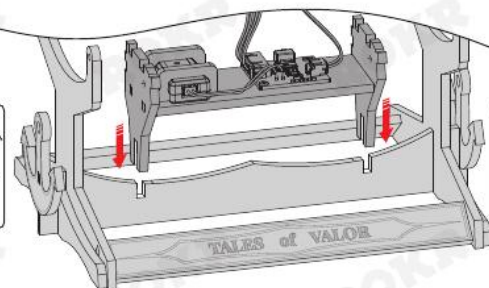
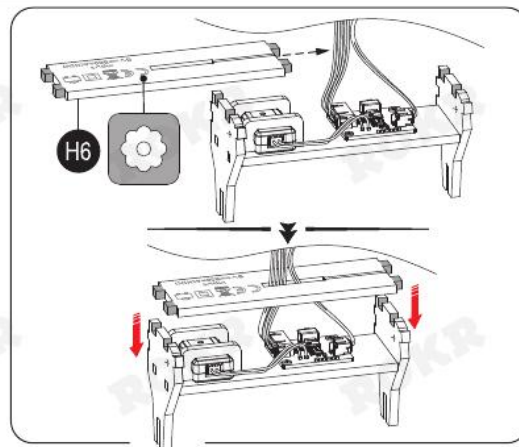
2 P10

Note the direction
of H5.

H5

H5

H6



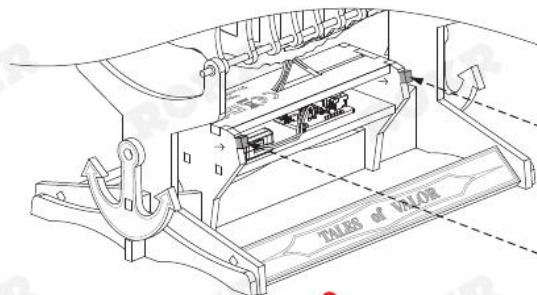
H6

H6



F9

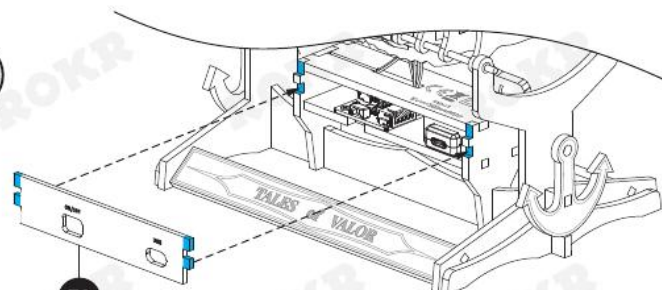
H1



H1



Arrange the wires and then assemble.



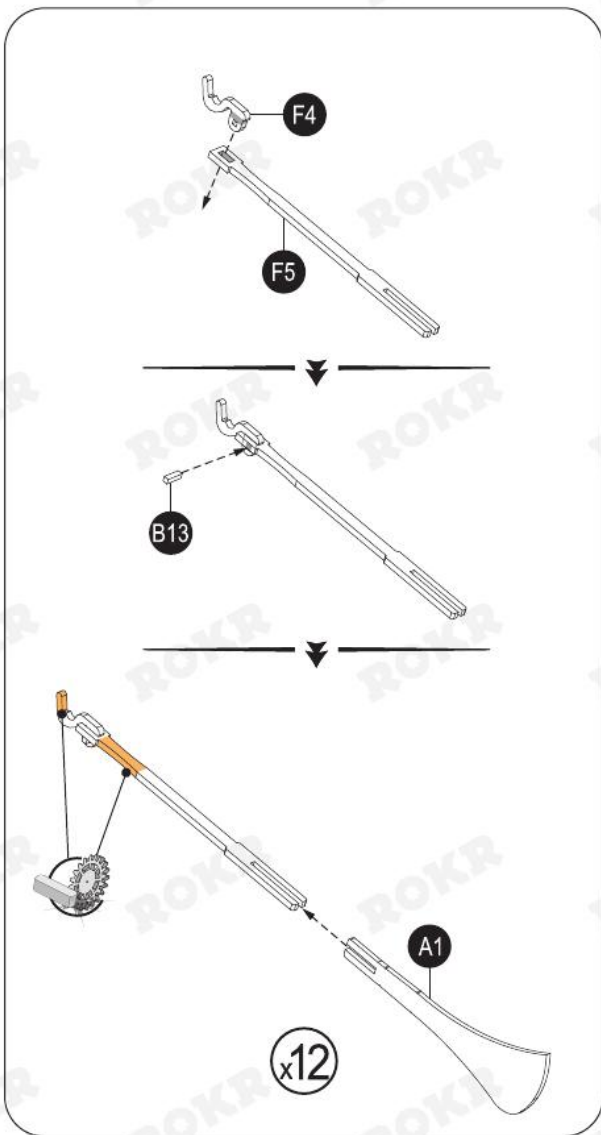
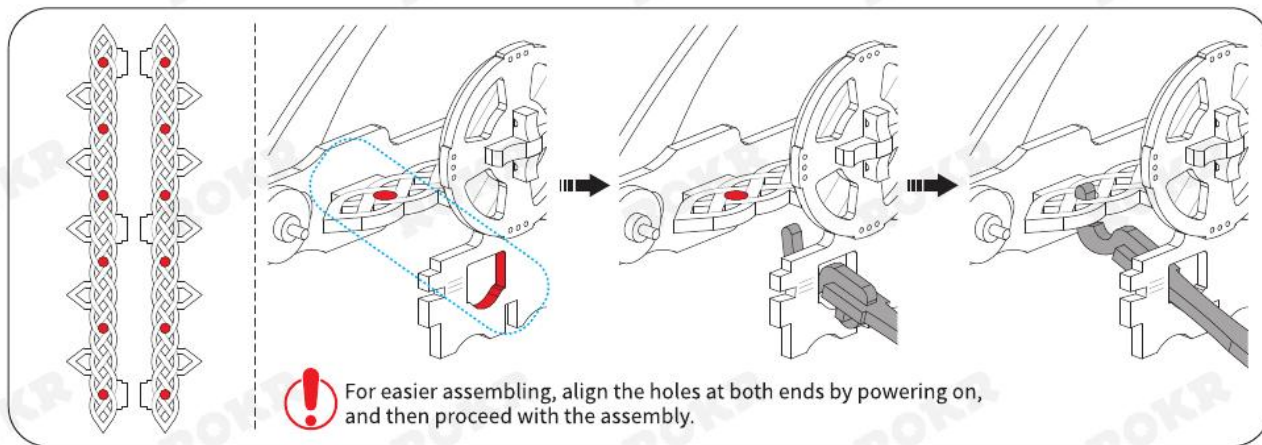
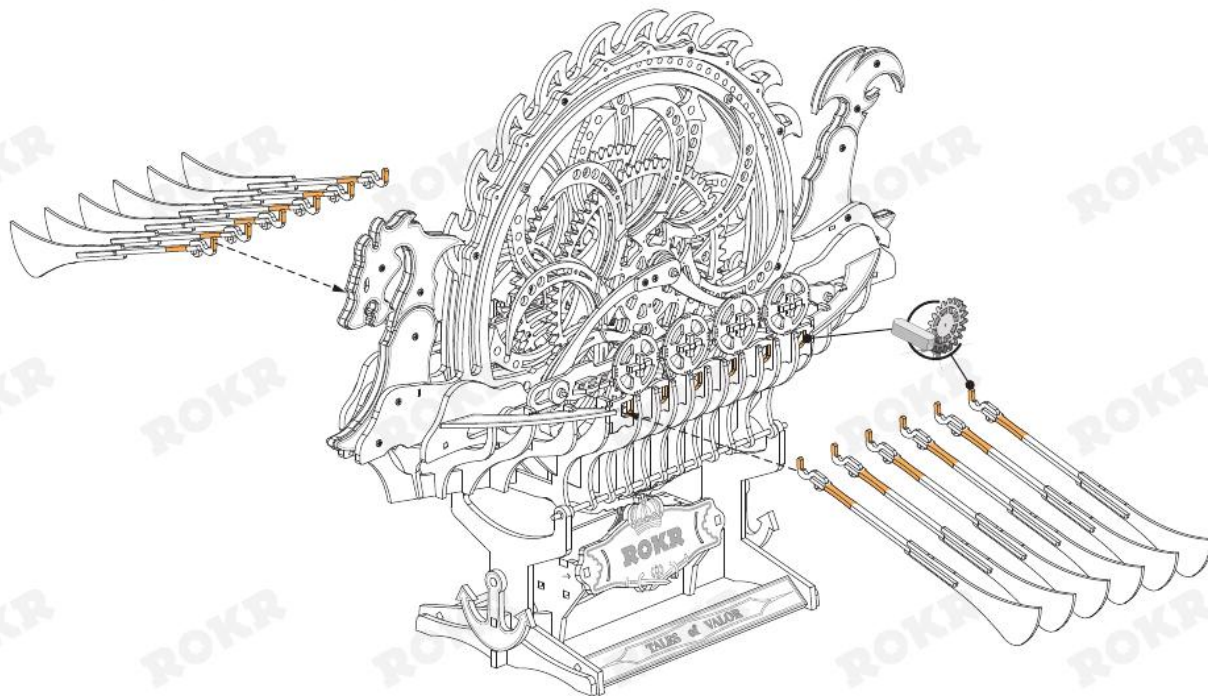
F9

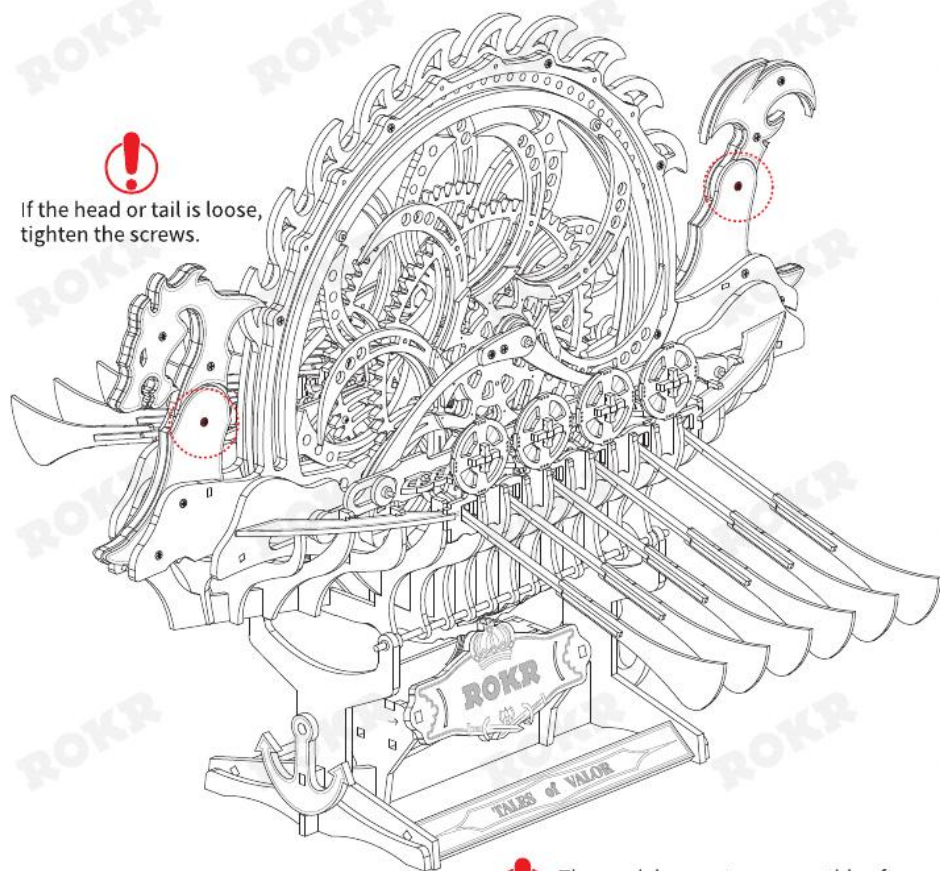
A1 x12

B13 x12

F4 x12

F5 x12

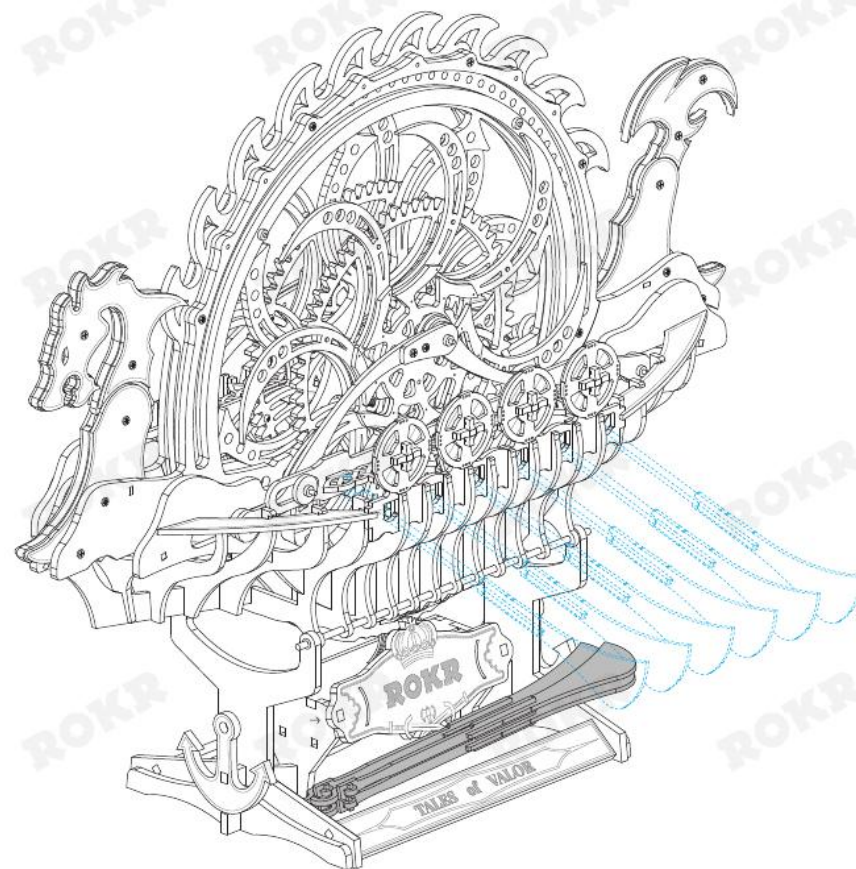




! If the head or tail is loose, tighten the screws.

! The model cannot run smoothly after connecting to the power:

1. Check if the parts are waxed;
2. Check if the oars get stuck;
3. Slightly turn the gears to assist in rotation.



! Due to the larger size of the model, you can remove the oars for convenient storage. The removed oars of one side can be placed on the base.

Tales Of Valor



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