

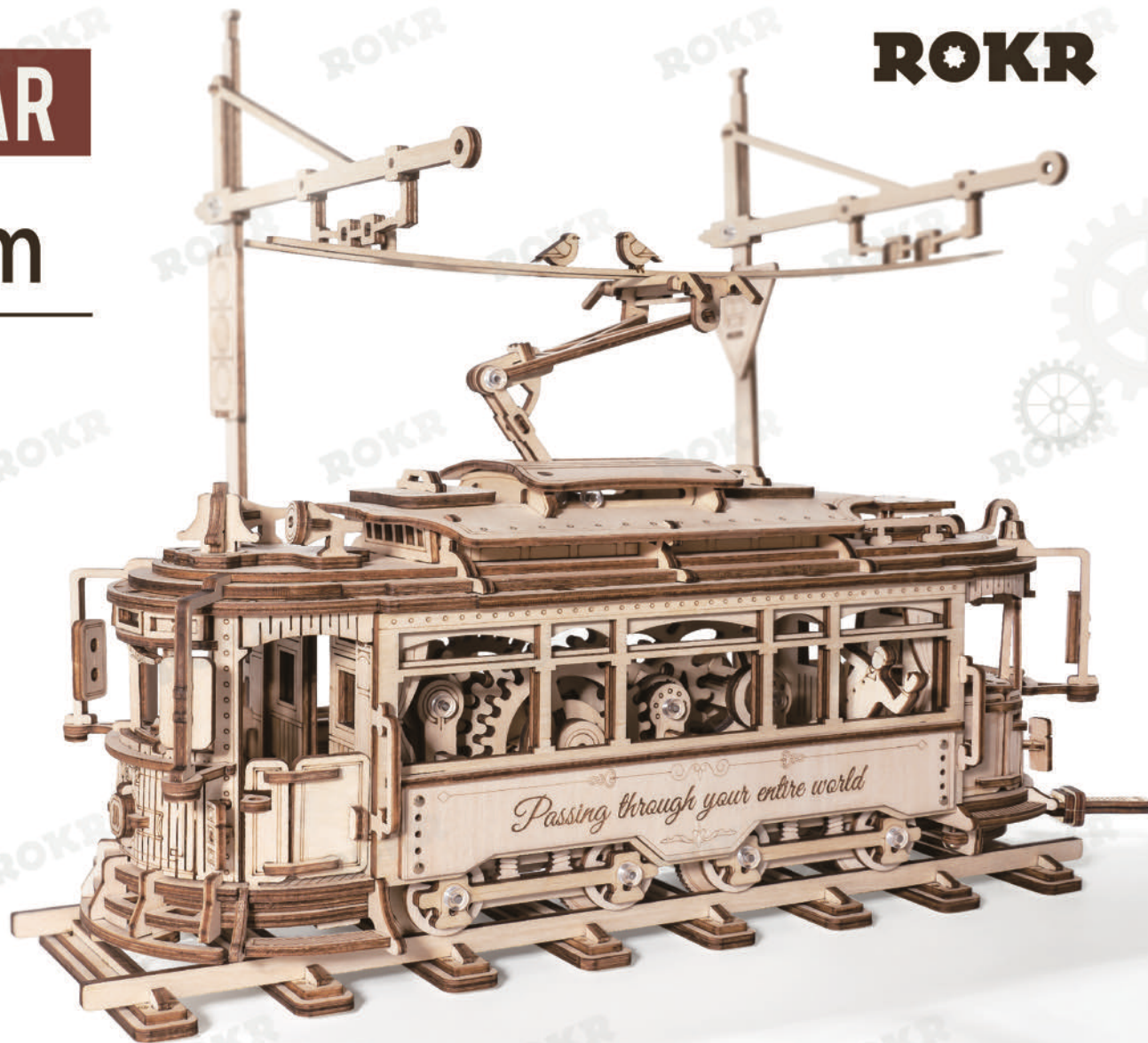
MECHANICAL GEAR

Classic City Tram

ROKR

LK801

ASSEMBLY INSTRUCTION



WARNING:

1. The product is for people who are over 14 years old. Kids should assemble under the guidance of adults.
2. The instruction must be retained since it contains important information.

MAINTENANCE:

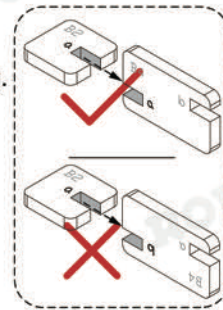
1. Keep the product away from the source of ignition and water to prevent any damage.
2. Don't use chemical reagents like alcohol and ammonia water to clean the product.
3. Use clean and soft fabric to clean the product if necessary.

ATTENTION



Product Display

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.
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.



*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. How to solve the fracture of parts?	1. Parts are fragile and applied with too much force. 2. Some parts are marked with pressure application point. Do not press non-pressure application point or at the end of the long pieces.	1. Take off the pieces carefully. 2. Some fragile pieces have spare ones to replace. 3. Contact our customer service for free replacement parts. 4. Adhesive can be used if the decorative part (non-drive function part) breaks.
2. It's hard to assemble parts. What should I do?	1. Some parts related to transmission will be slightly tight, and tools can be used to assist in pressing.	1. Check for assembling errors. 2. Press with the tool.



Polish the parts with sandpaper



Special attention in assembly



Flip to assemble



Complete 4 same parts



Printed side



Wax the gray parts



Ensure the parts running smoothly



Perspective changed



Step 1



Blank side



Ensure the connection of gears smoothly



Remove protective film



Complete 2 same parts



Step 2

Part List (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	Spring roll	Plastic ratchet	Steel shaft	Steel shaft	Steel shaft	Steel shaft	Steel shaft	Steel shaft	Steel shaft	Steel shaft
Item number	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
Illustration										
Quantity	1	1	5	3	1	2	3	1	1	4

Item	screw	screw	Round head rivet	Plastic gasket	Transparent shaft sleeve	Steel ball	Screwdriver	Wax
Item number	P11	P12	P13	P14	P15	P16	P17	P18
Illustration								
Quantity	5	2	8	4	32	3	1	1

1

E1

E2

E7

E12

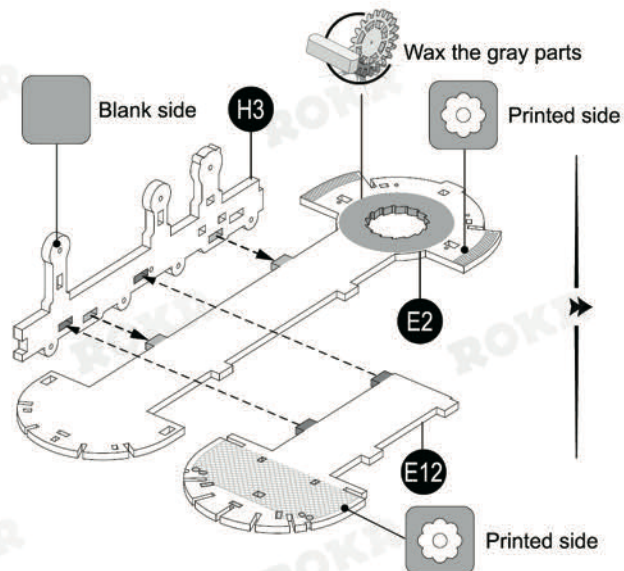
G12

H2

H3

P4 x2

P15 x2



P4 15mm 1:1

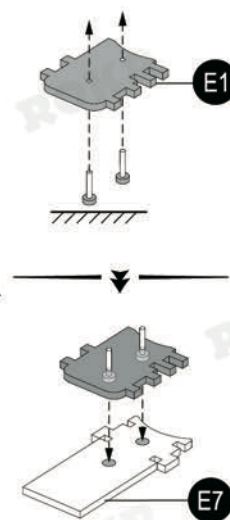
Press with the tool G12.

G12

P4

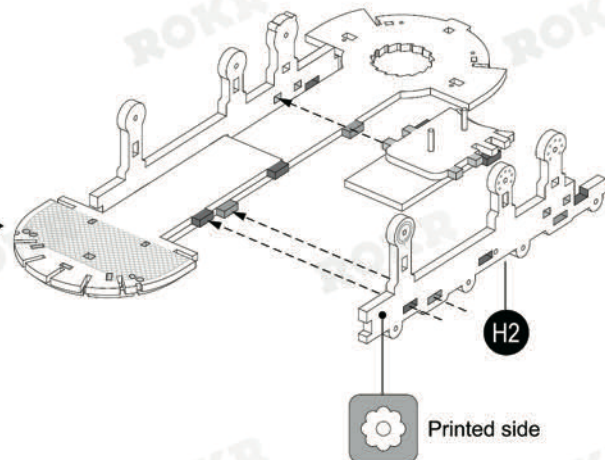
P15

x2



E1

E7

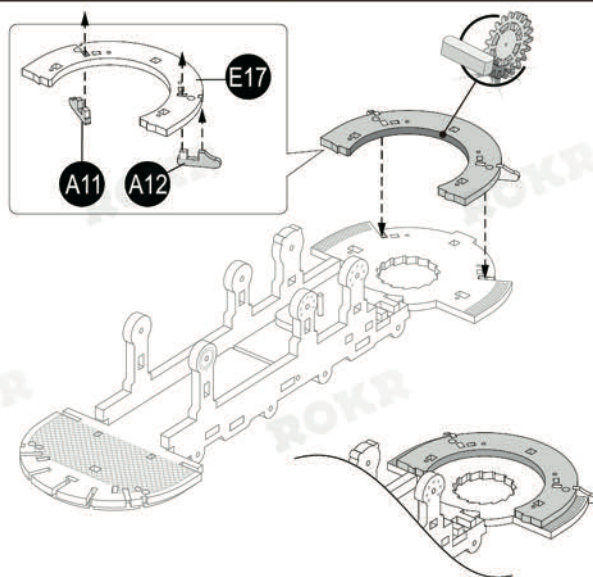


Printed side

A11

A12

E17



2

H10

H11

F1

P3 x3

P3 10mm 1:1

Press with the tool G12.

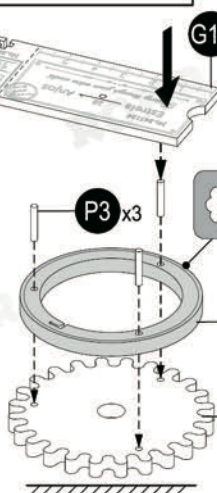
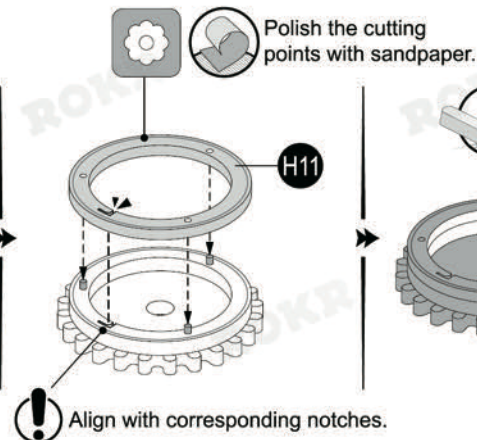
G12

P3 x3

F1

H10

The side with indentation faces upward.



Polish the cutting points with sandpaper.

Align with corresponding notches.



Wax the gray parts, including the back of the gear.

C32x2

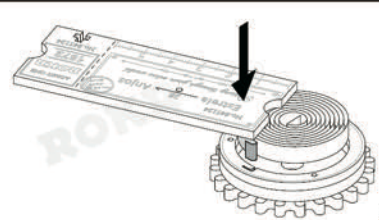
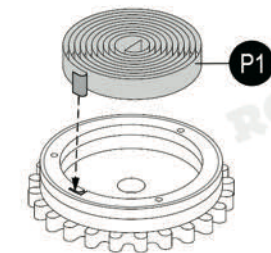
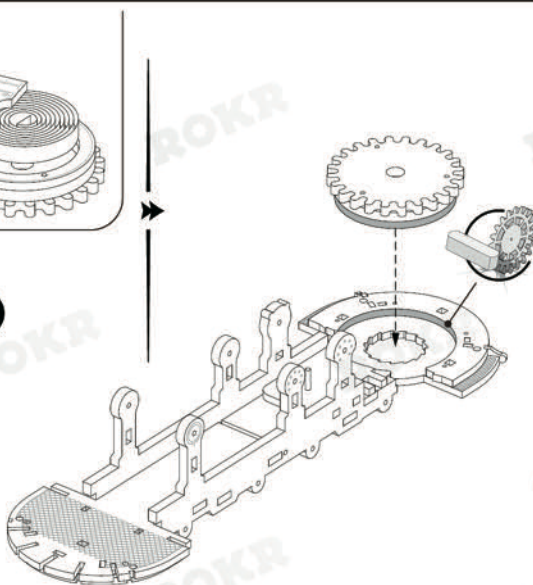
E16

E18x2

H8

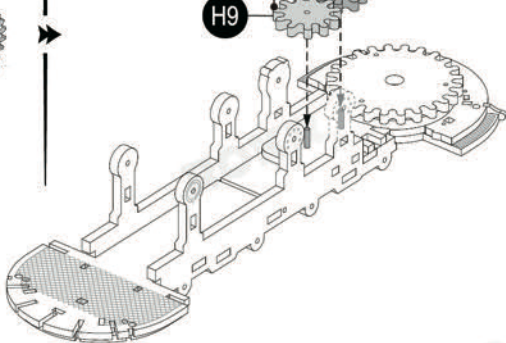
H9

P1



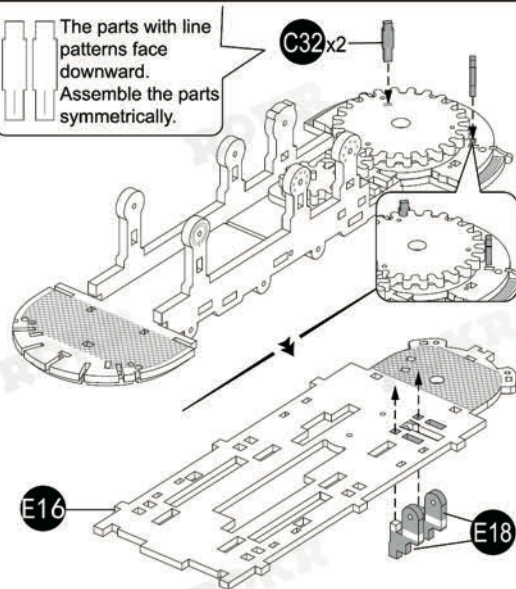
Ensure the connection of gears smoothly

Wax the whole parts.



The parts with line patterns face downward. Assemble the parts symmetrically.

C32x2



E3 x2

E6 x4

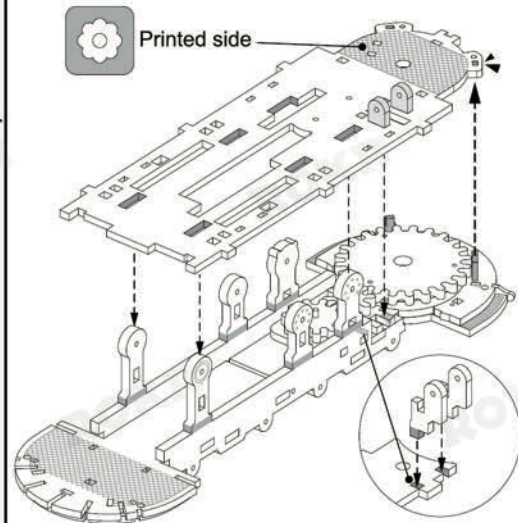
P2

P12x2

P17

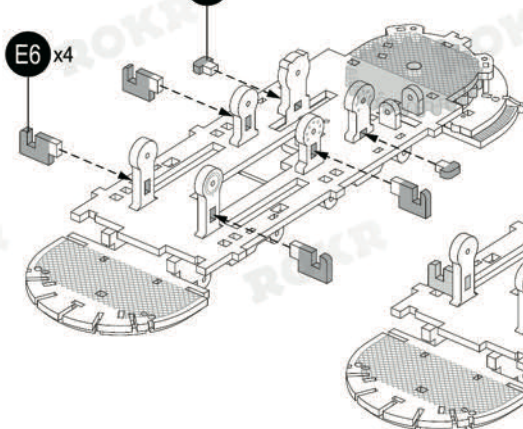


Printed side



E3 x2

E6 x4



Do not overtighten the screw, otherwise it will cause gears not to rotate.

P17

P12x2

P12

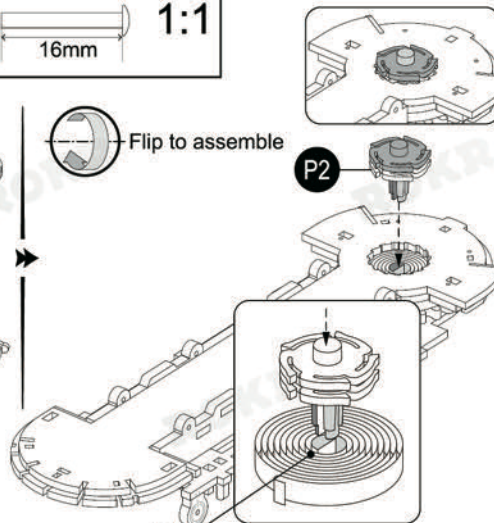
16mm

1:1



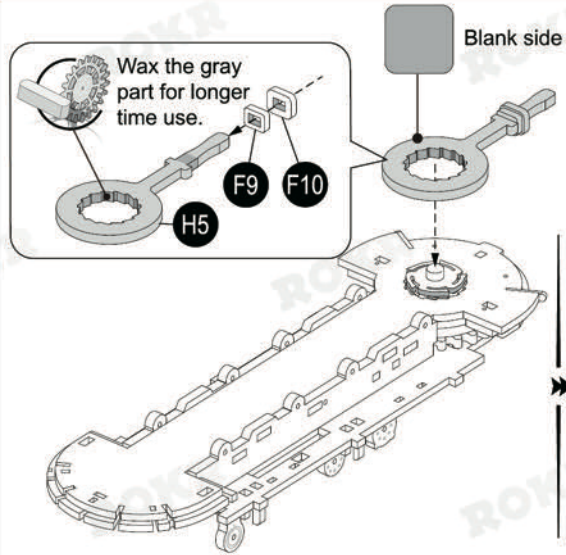
Flip to assemble

P2

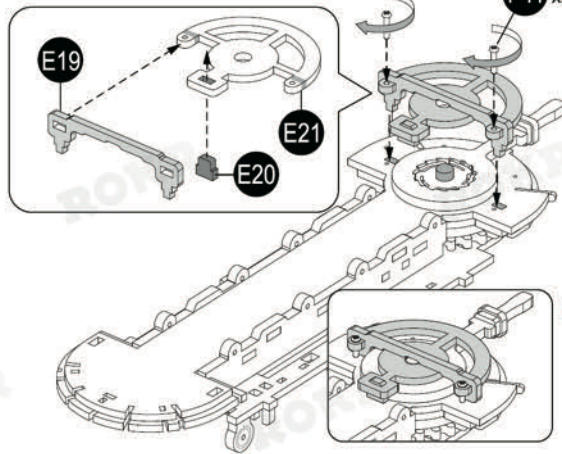


Hook the inner groove of P2 into the inner hole of the spring.

E19
E20
E21
F9
F10
H5
H21 x2
P8
P11 x2
P15 x2

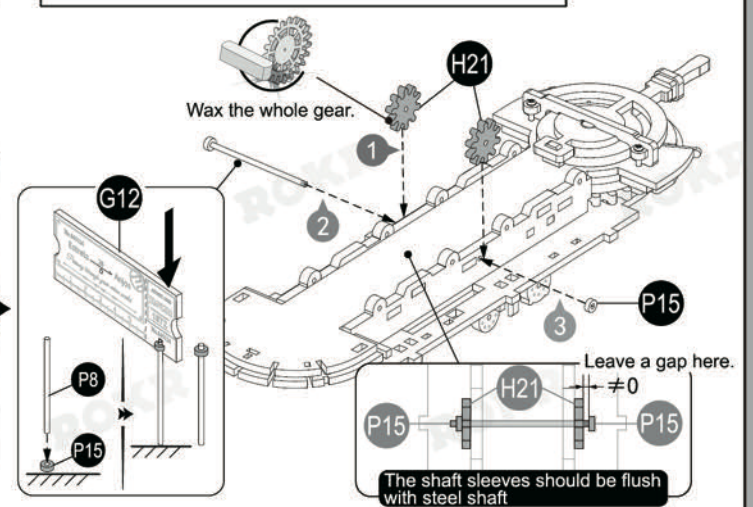


P11 10mm 1:1

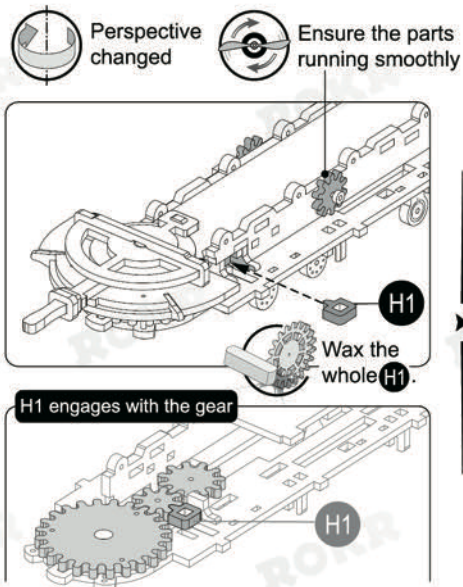


The screw heads should be flush with the board. Do not overtighten it.

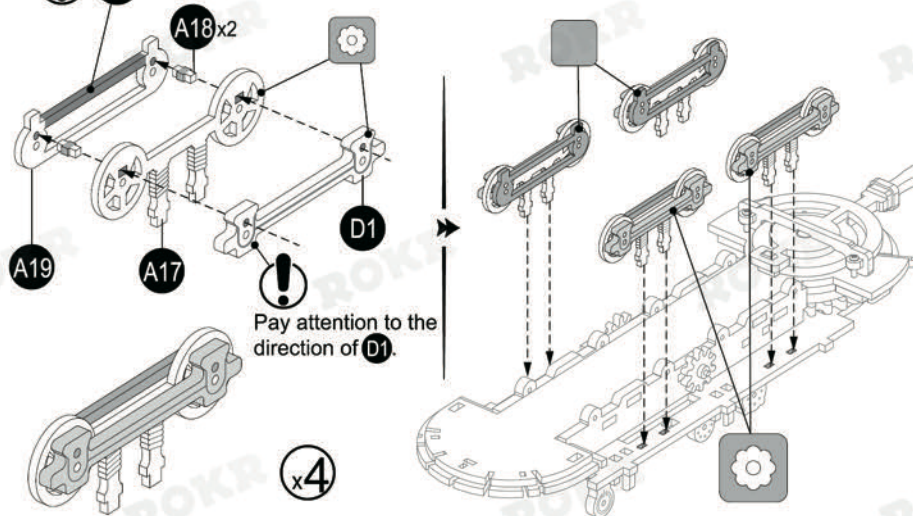
P8 50mm 1:1



A17 x4
A18 x8
A19 x4
D1 x4
H1

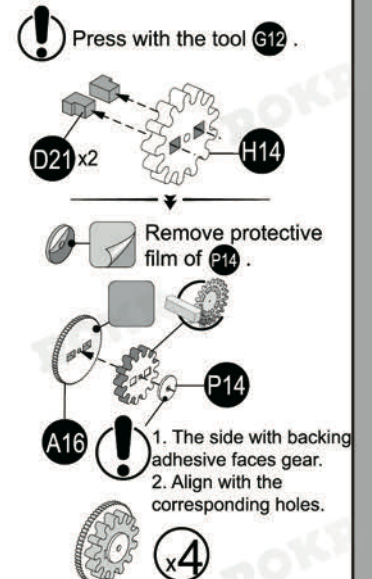


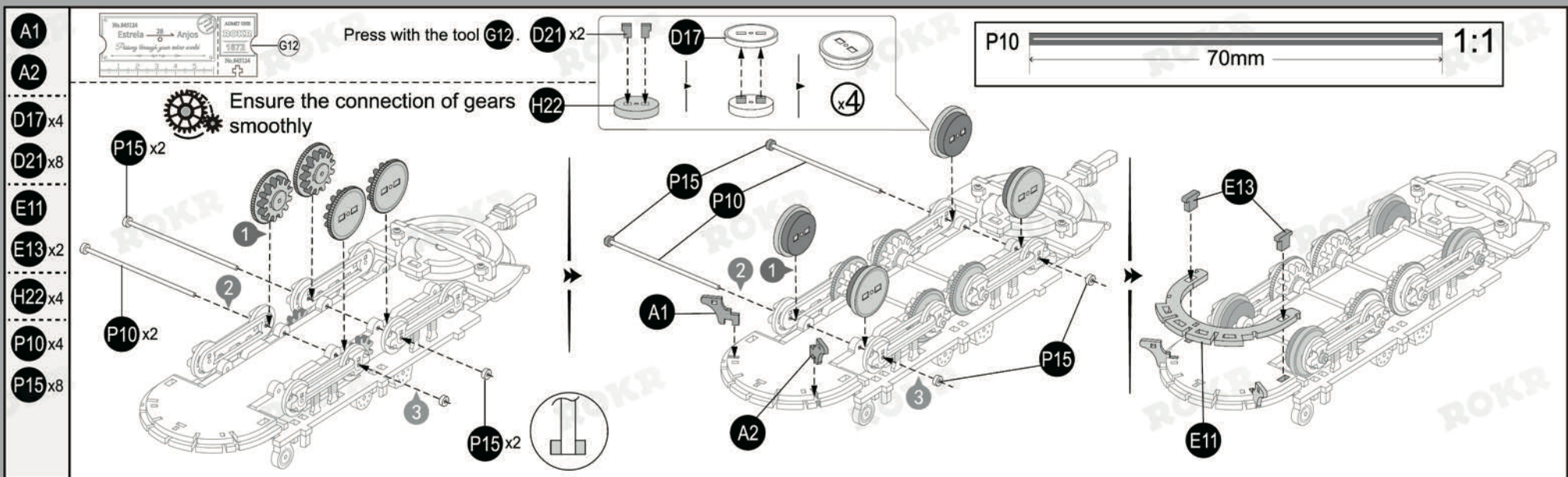
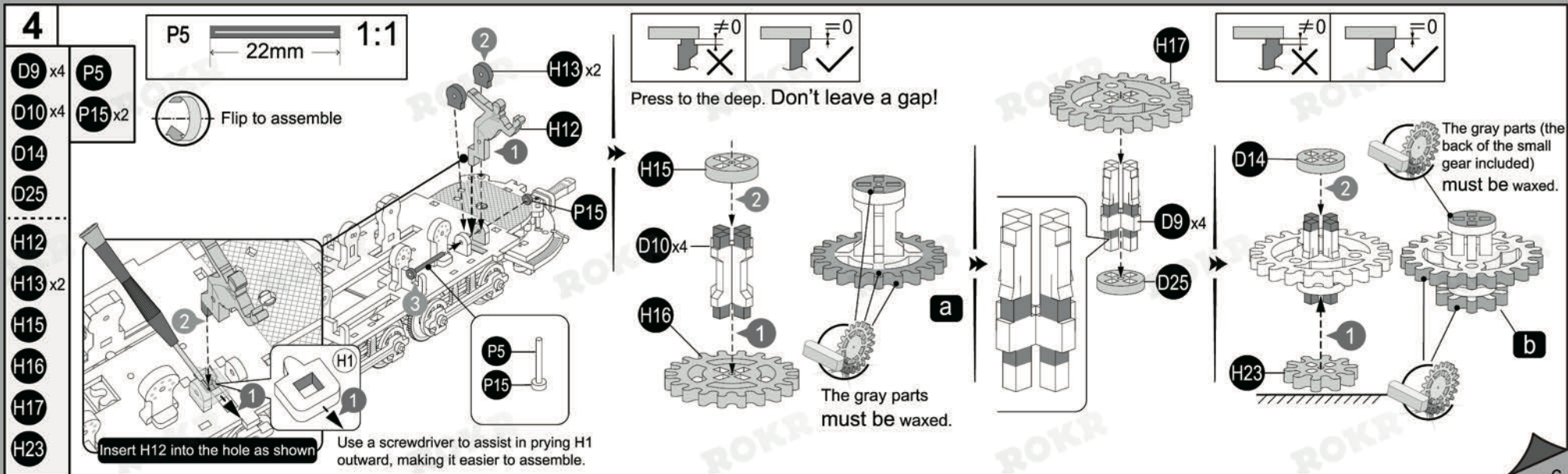
! A19 The gray part of A19 is fragile. Please assemble carefully.

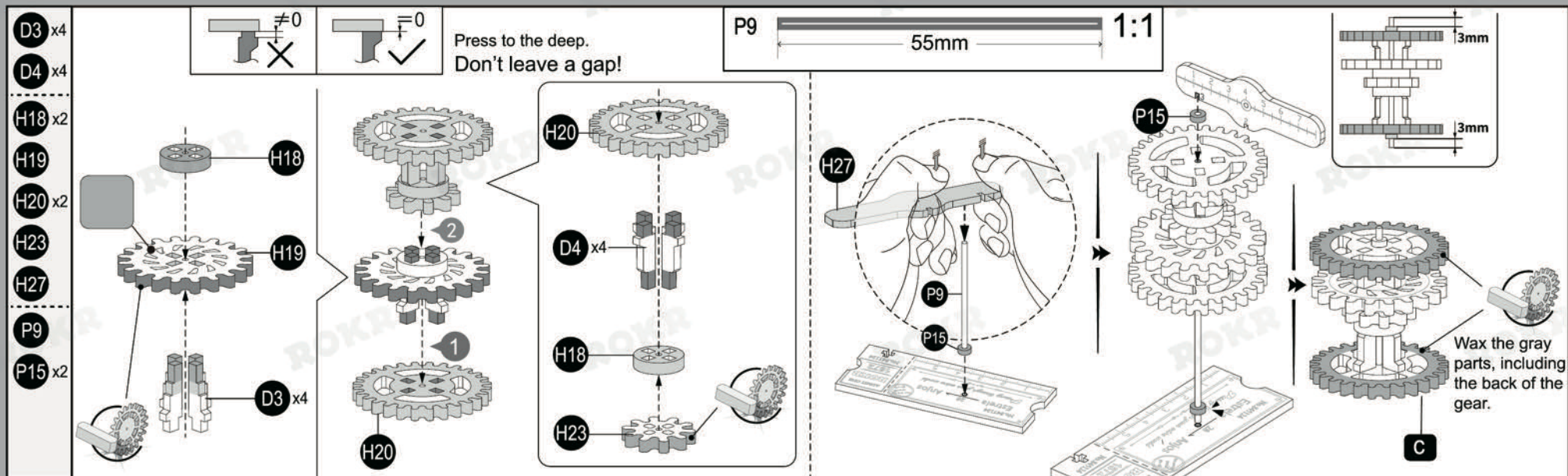
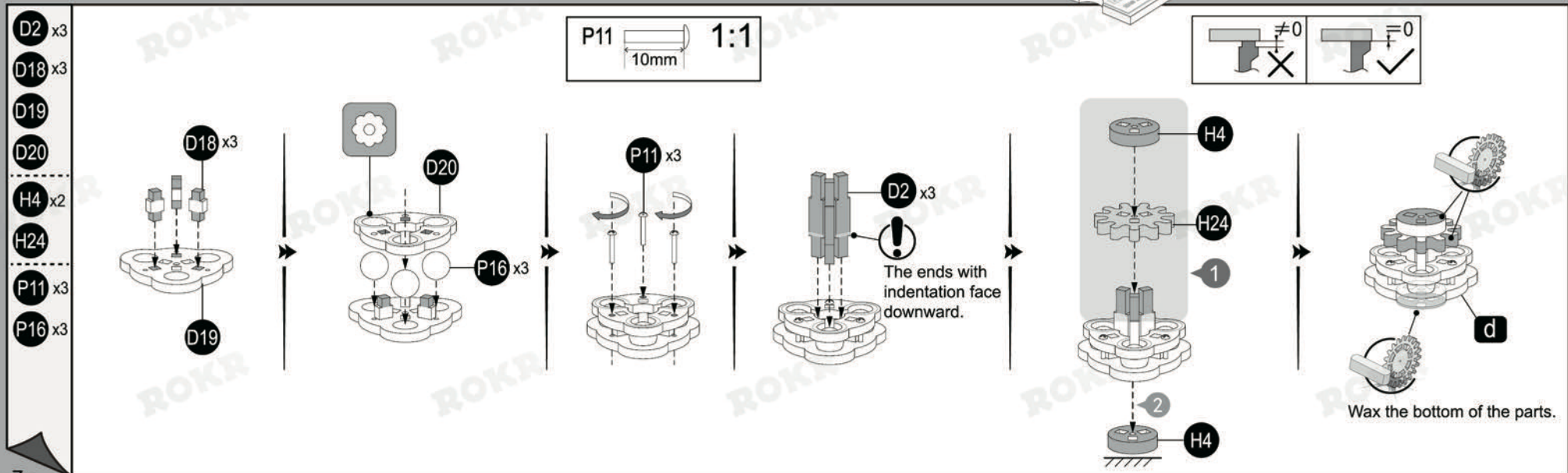


3

A16 x4
D21 x8
H14 x4
P14 x4





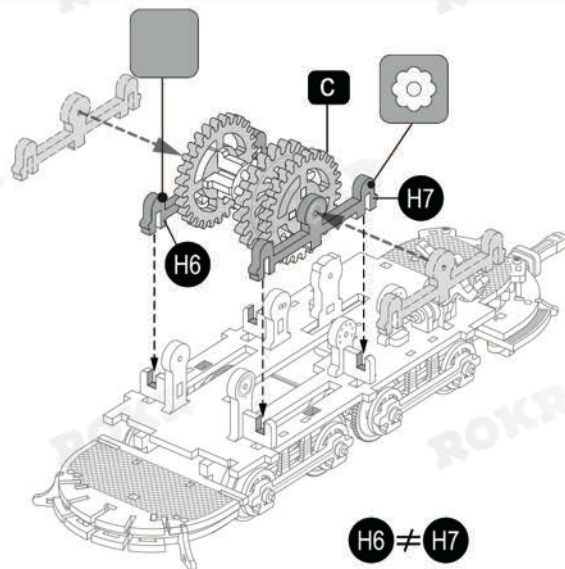


H6

H7

P7 x3

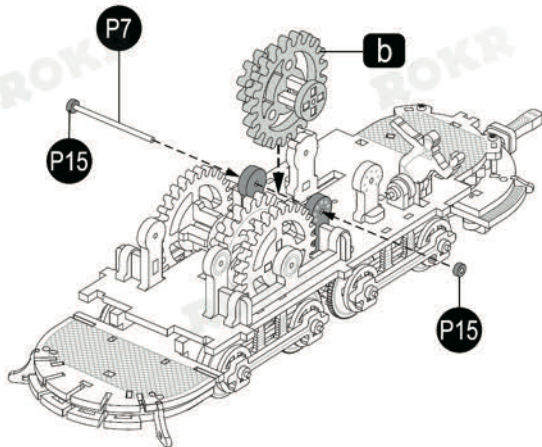
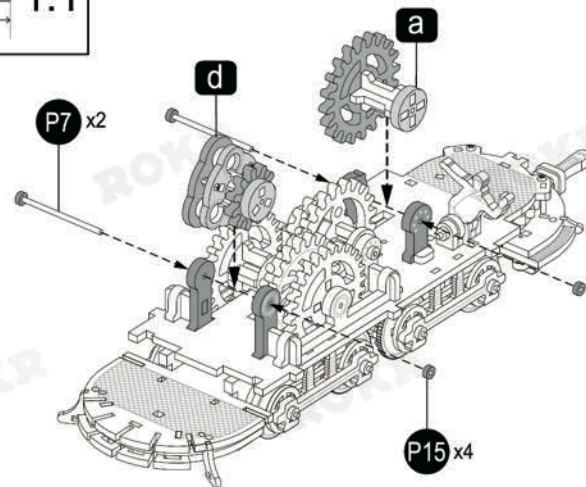
P15 x6



P7

40mm

1:1



Brake lever

OFF ON

Spring lever

H1 engages with the gear

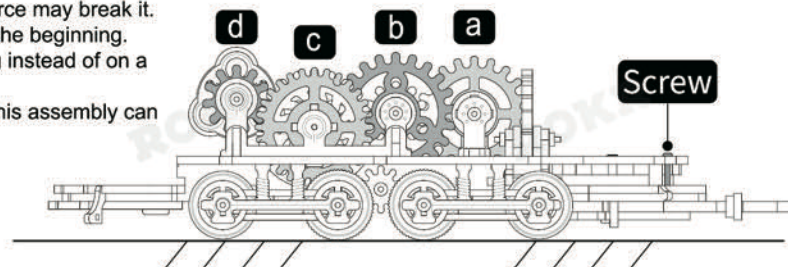
OFF

ON

H1

Test:

1. Pull the **brake lever** into **OFF** position. Try more times since **H1** may not engage with the gear.
2. Pull the spring lever backwards and forwards for 6 to 8 times but **no more than 12 times**. Applying with too much force may break it. Check the assembling errors if it's hard to pull it at the beginning.
3. Place this assembly on **flat ground** when testing instead of on a table to prevent falling and breaking.
4. Pull the brake lever into **ON** position to check if this assembly can move forward.



If this assembly cannot move, please check Part **a**, Part **b**, Part **c** and Part **d**.

1. Make sure they are assembled to the proper positions. Check if the gaps between them are too big.
2. Make sure the gears of Part **a** and Part **c** are waxed.
3. Loosen the screws slightly.

5

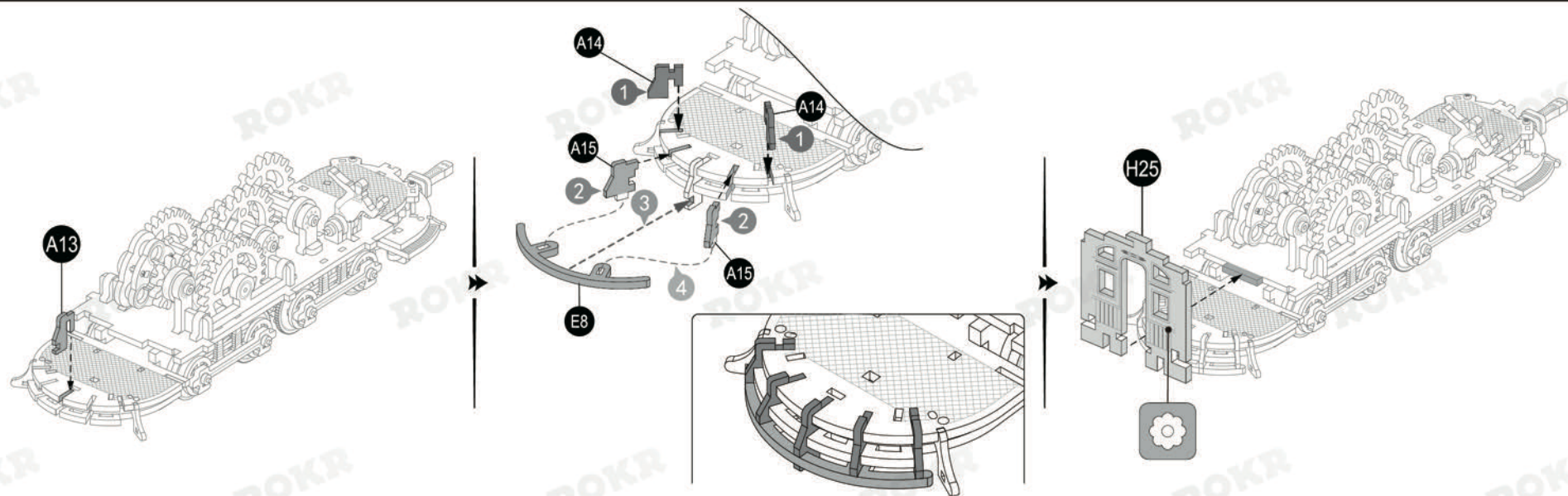
A13

A14 x2

A15 x2

E8

H25



A28

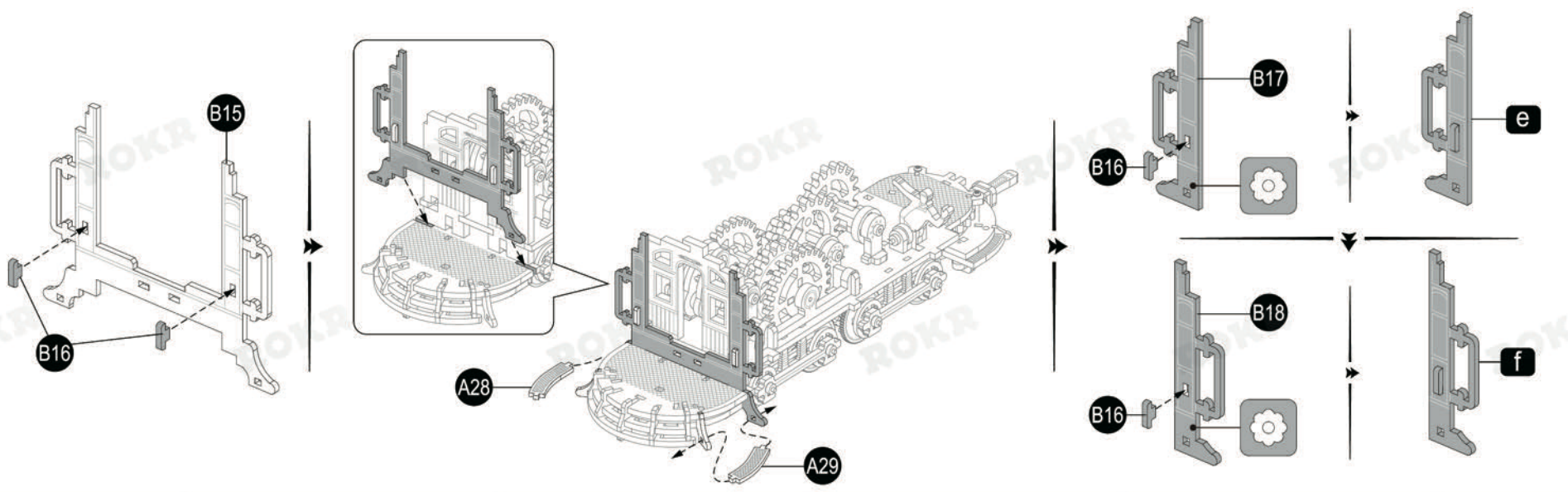
A29

B15

B16 x4

B17

B18



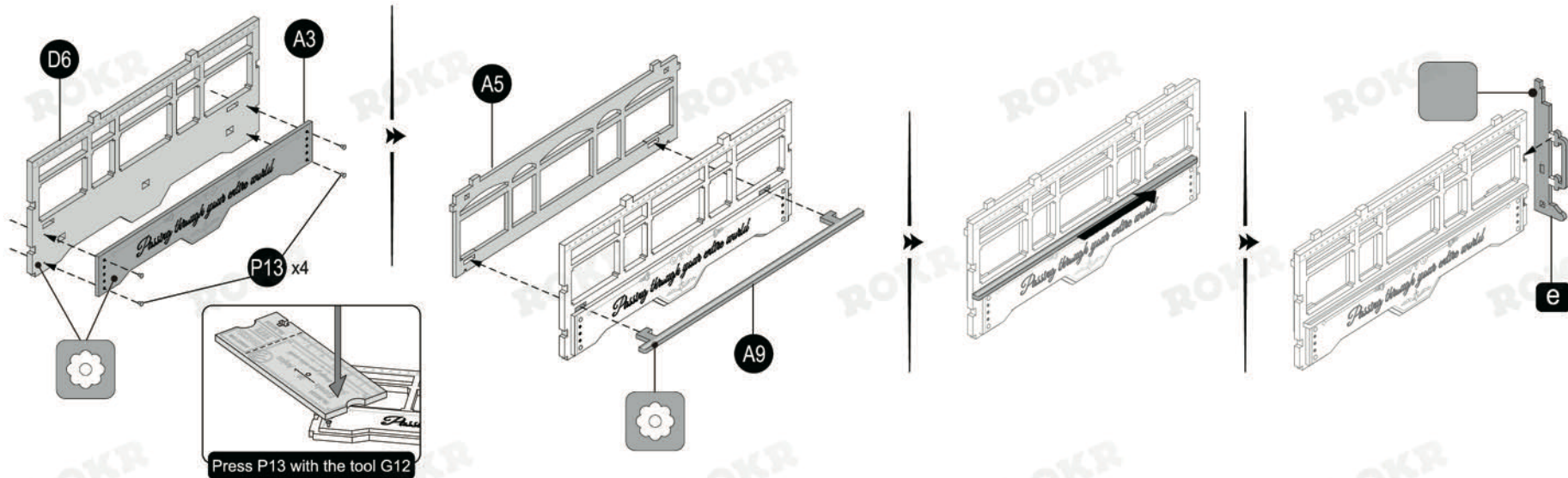
A3

A5

A9

D6

P13 x4



A4

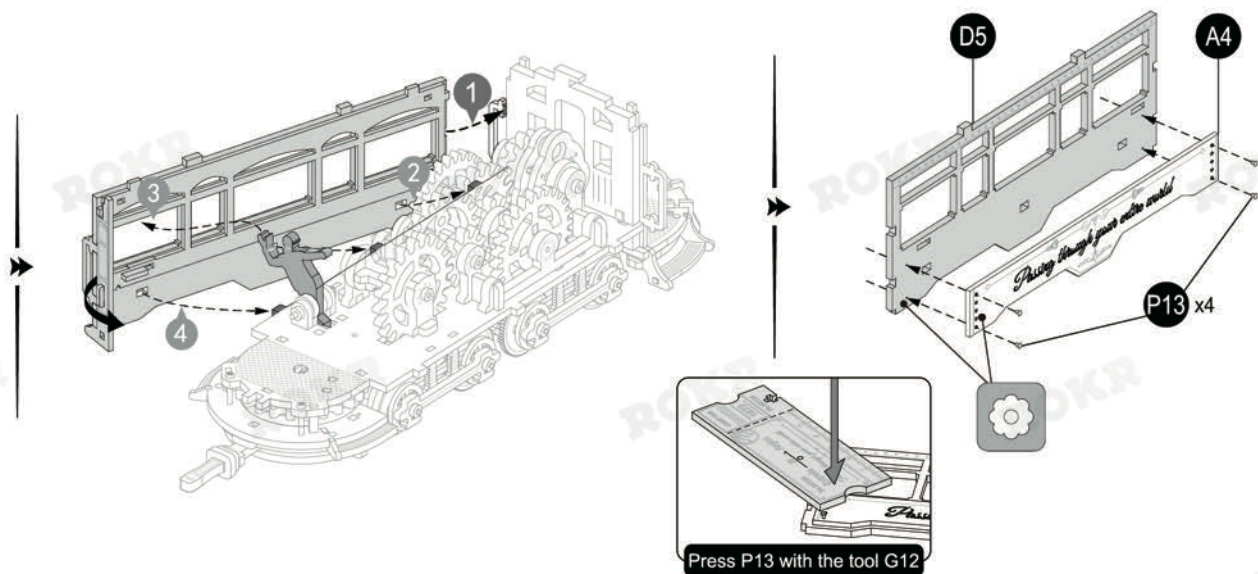
D5

P13 x4

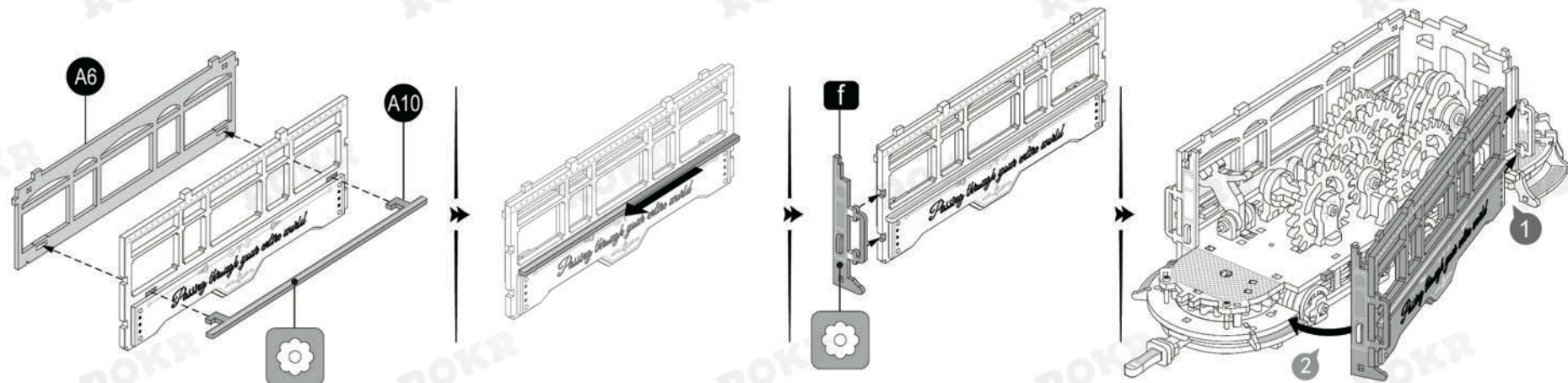
Pull the **brake lever** into OFF position to assemble easily.

Brake lever

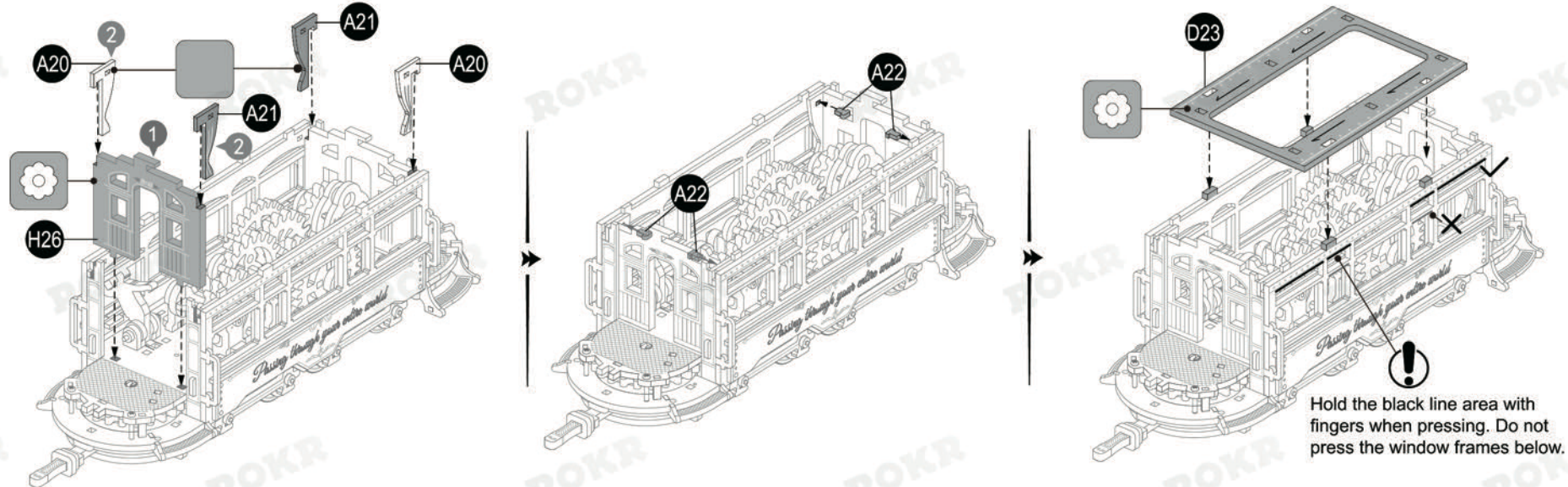
OFF



A6
A10



A20x2
A21x2
A22x4
D23
H26



6

B6

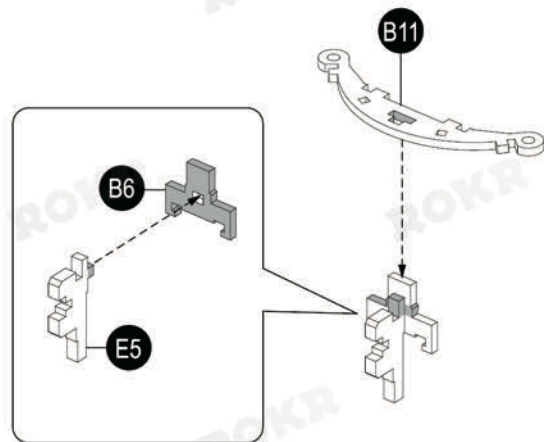
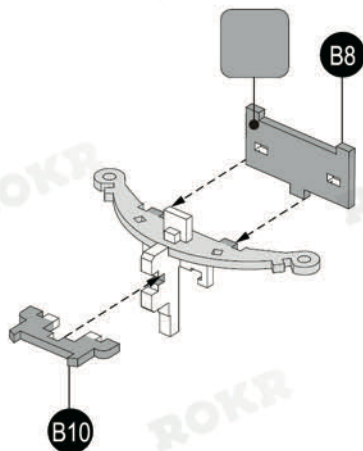
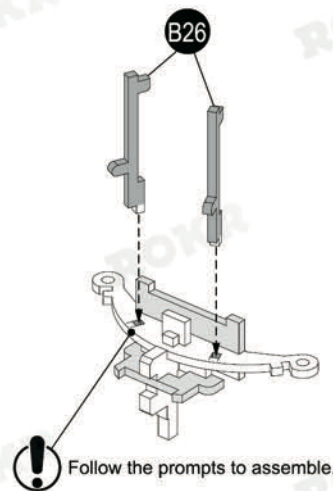
B8

B10

B11

B26 x2

E5

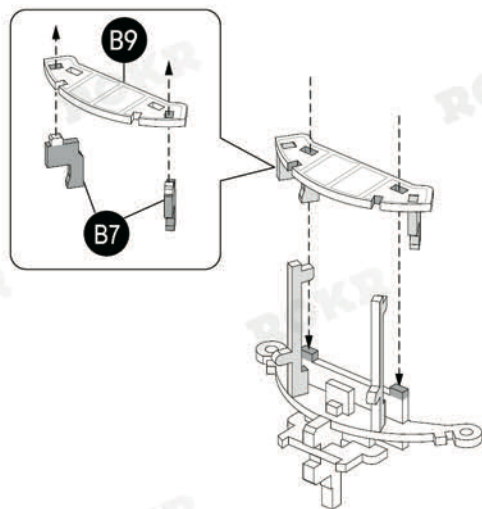
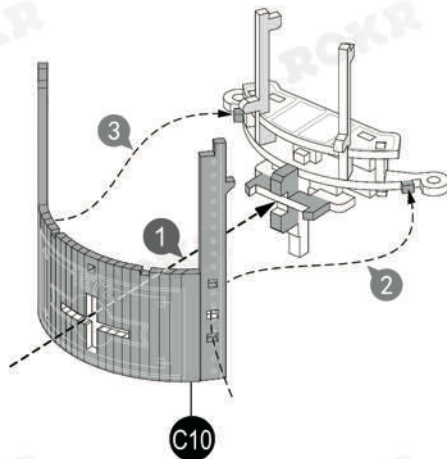
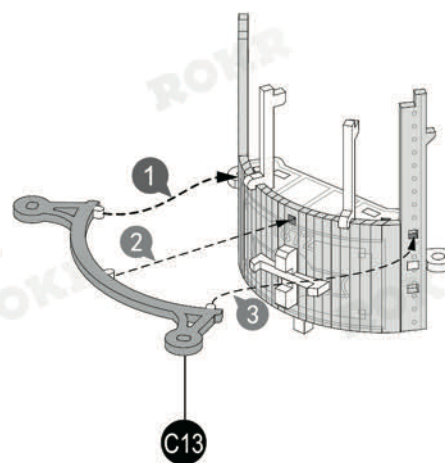
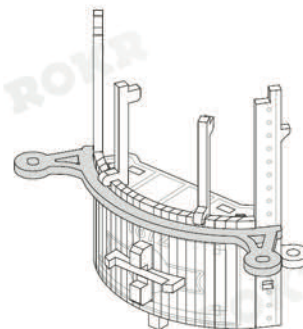


B7 x2

B9

C10

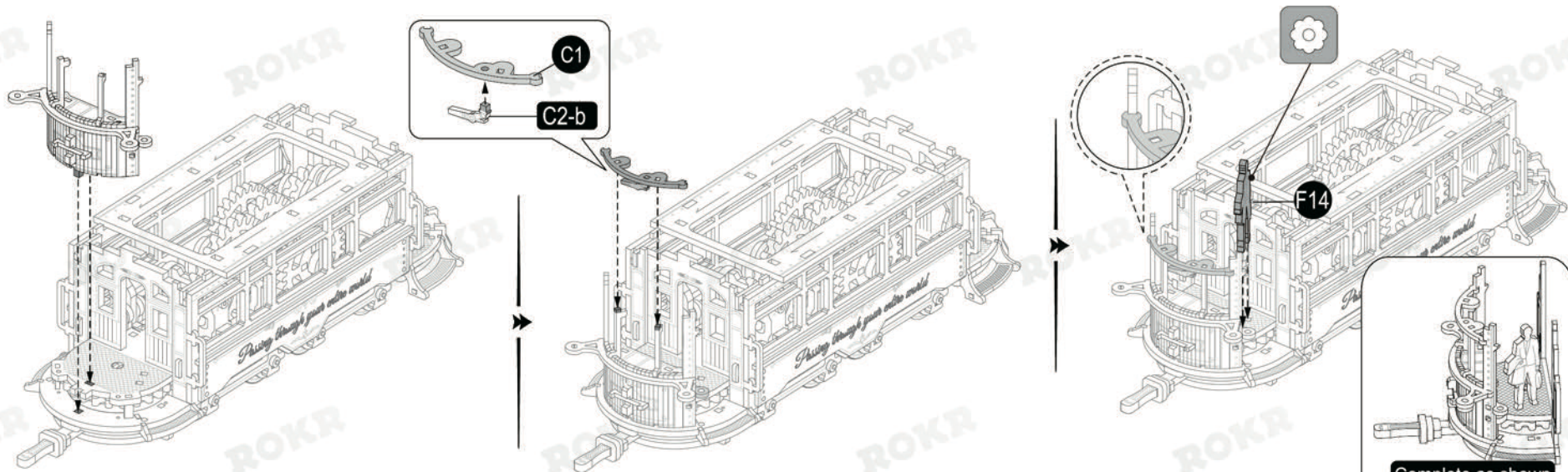
C13



C1

C2-b

F14



C4

C11

C12

C20 x3

C23

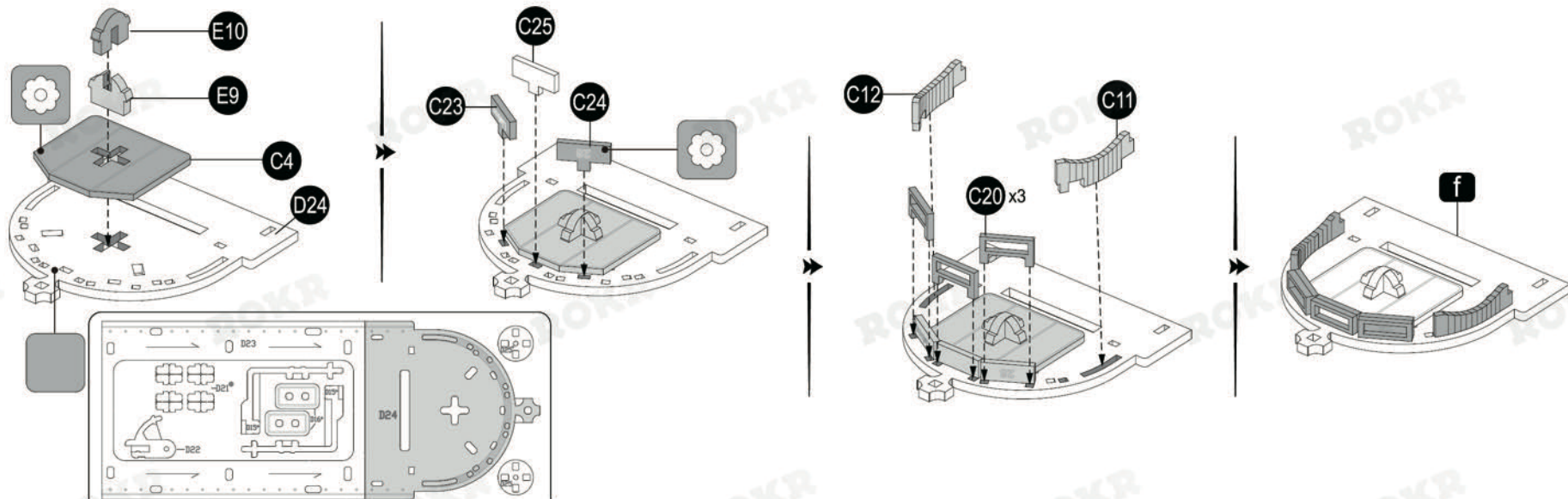
C24

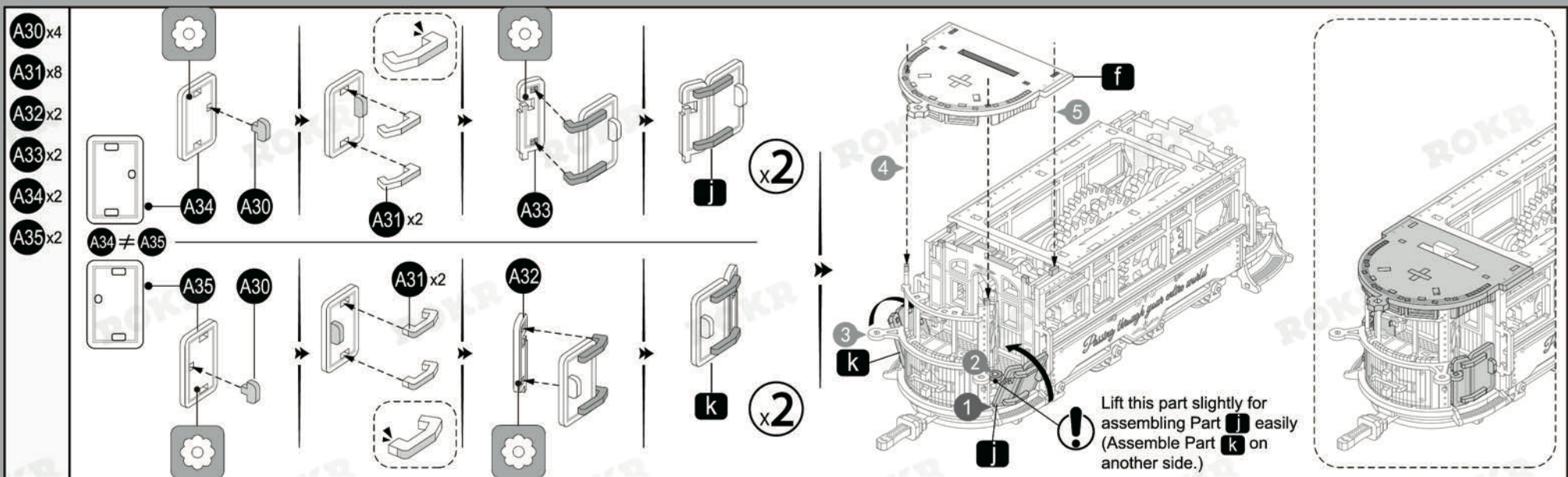
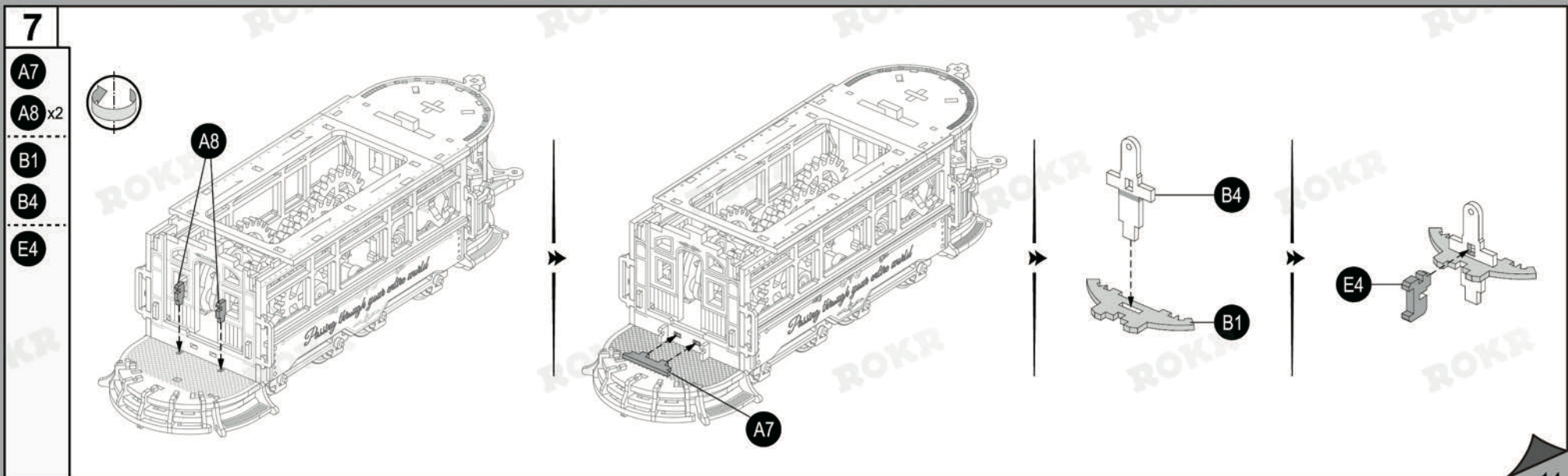
C25

D24

E9

E10





B2

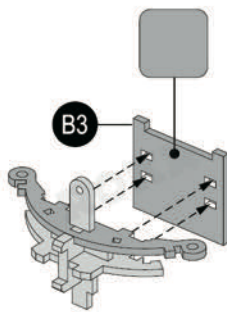
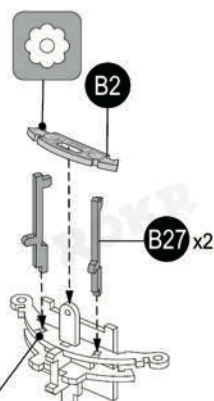
B3

B27 x2

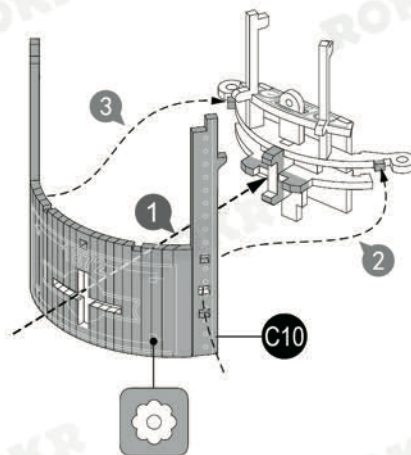
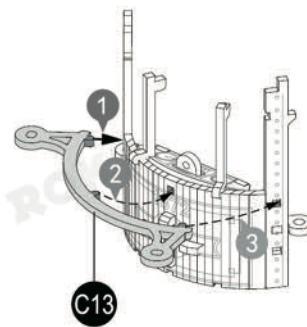
B32

C10

C13



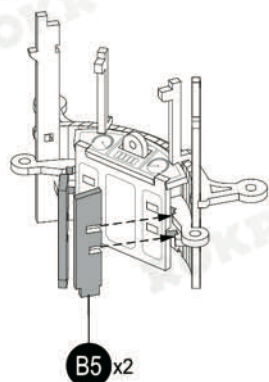
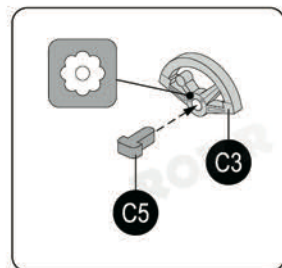
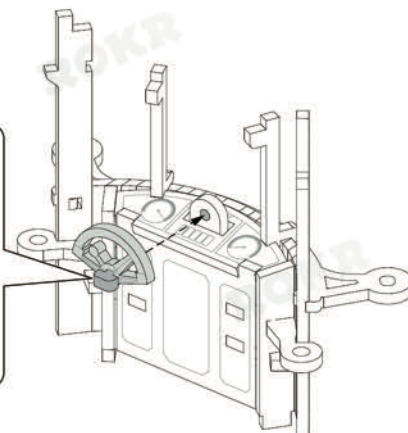
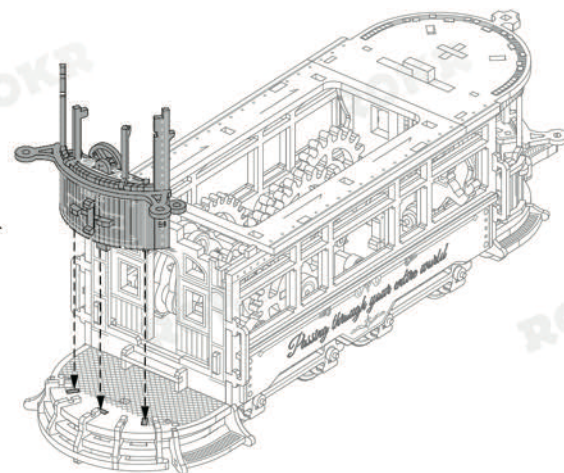
Follow the prompts to assemble.



B5 x2

C3

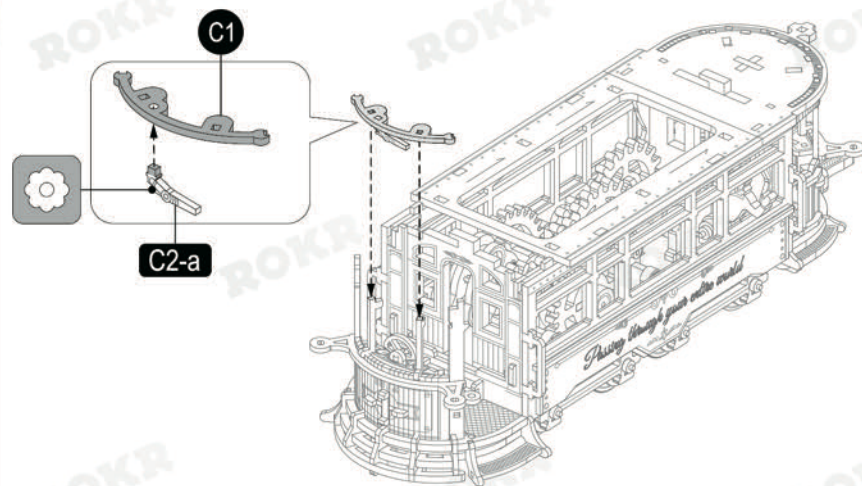
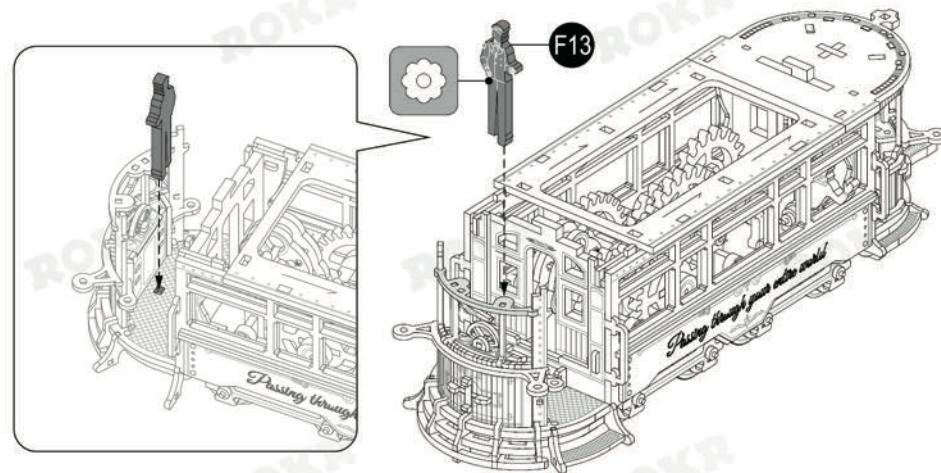
C5



C1

C2-a

F13



B19

B20

B21

B22

B23

B24

B28

E15

F21

F22

F23

B20

B21

B22

B23

B24

Baixa

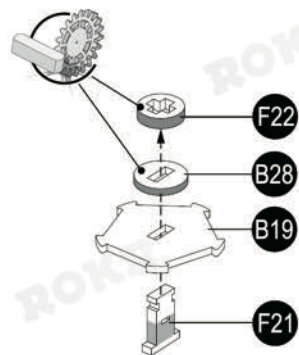
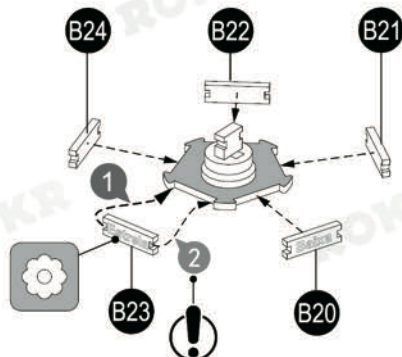
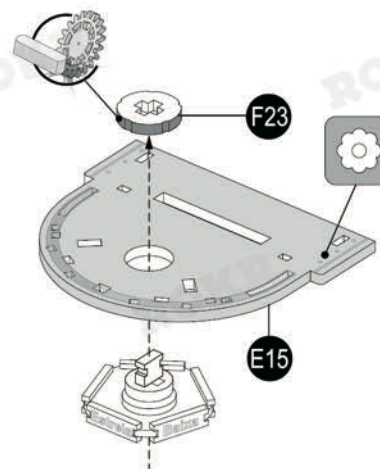
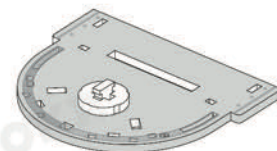
Anjos

Graça

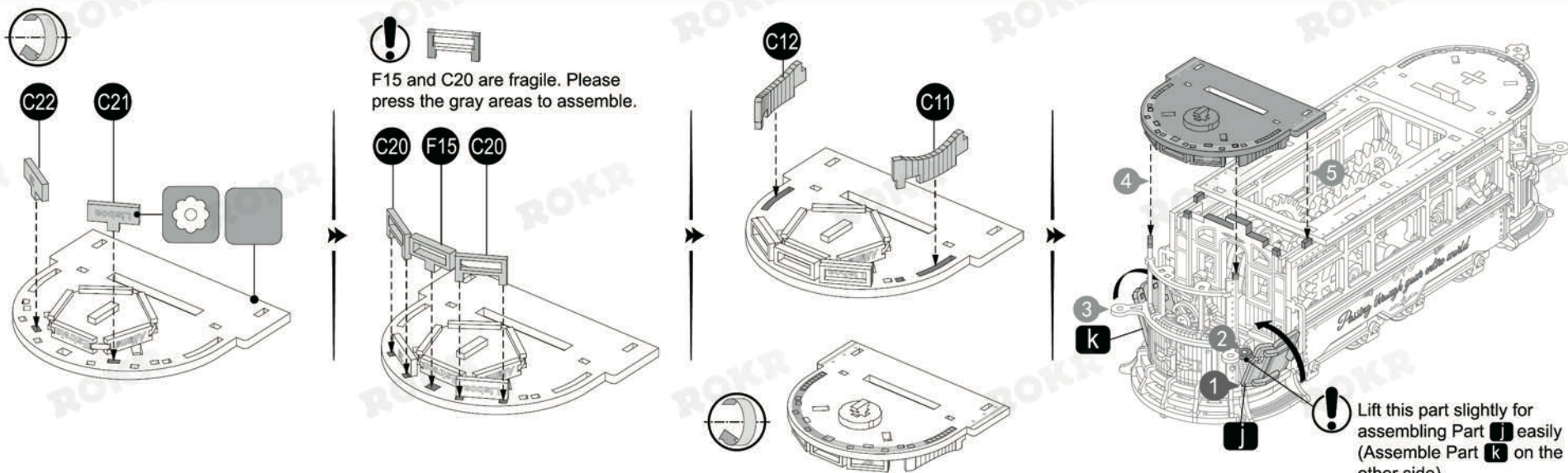
Estrela

Alfama

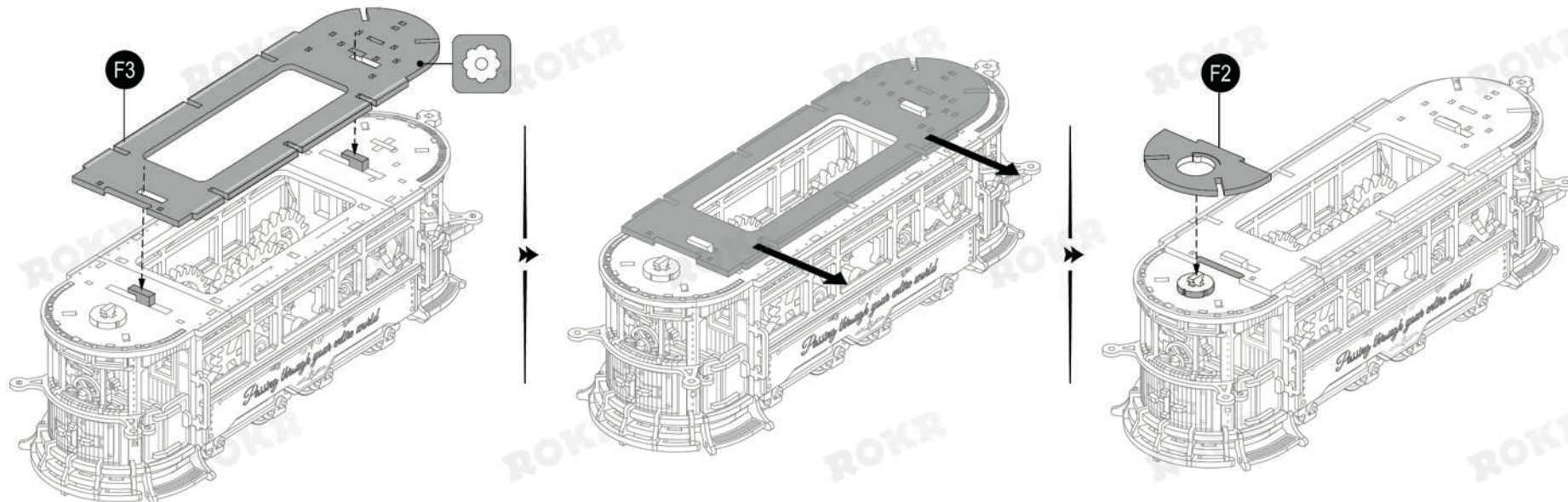
Don't turn the words upside down.

Assemble two sides in sequence
for easy assembling.

C11
C12
C20 x2
C21
C22
F15



F2
F3



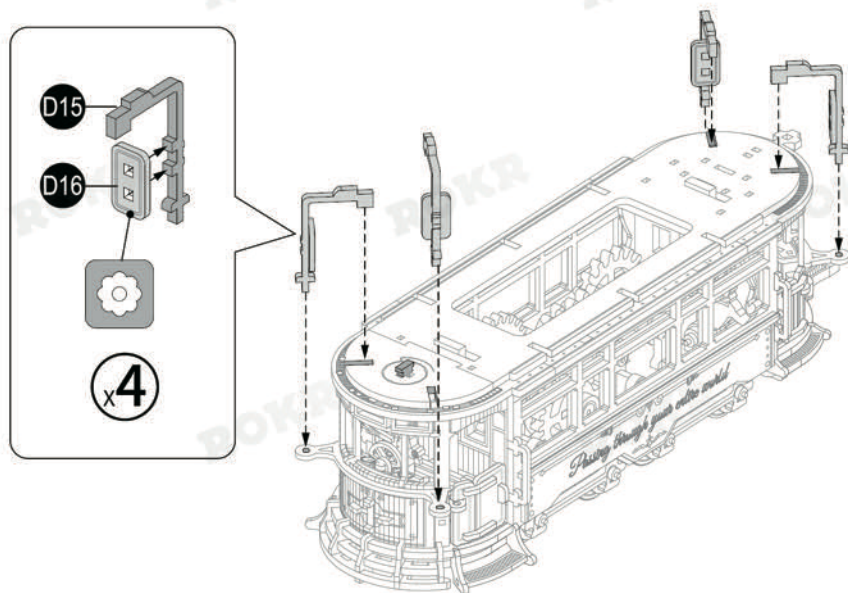
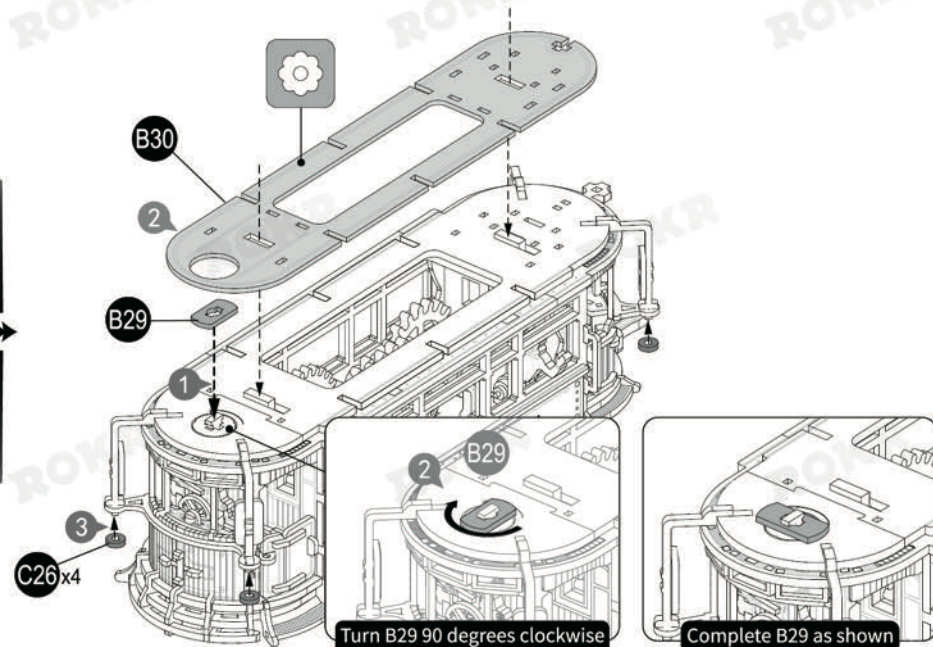
B29

B30

C26 x4

D15 x4

D16 x4



C17 x2

C18 x2

C19 x2

E14

F18

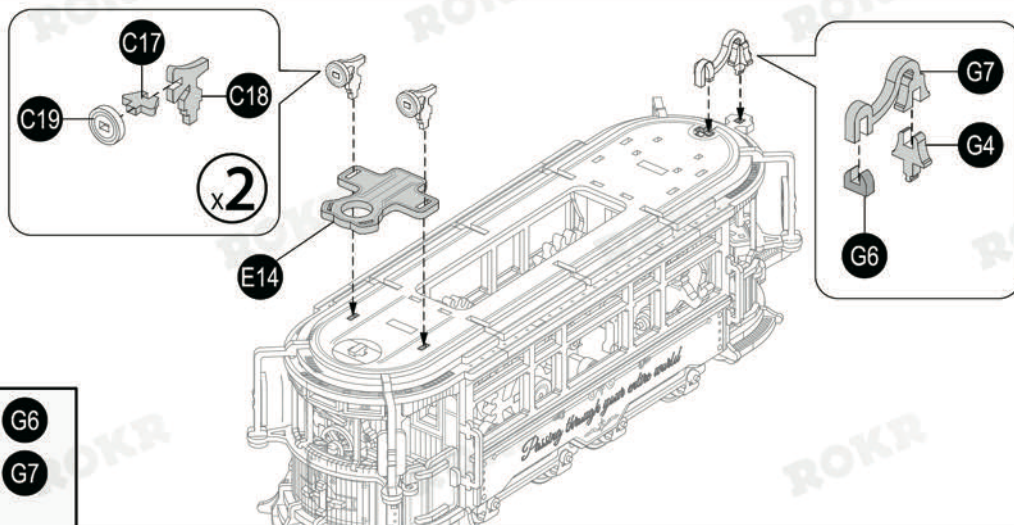
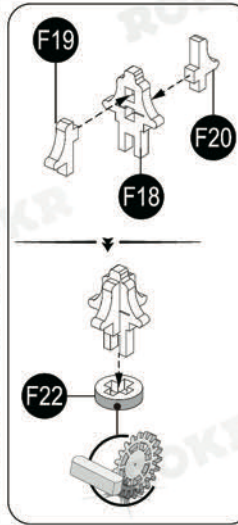
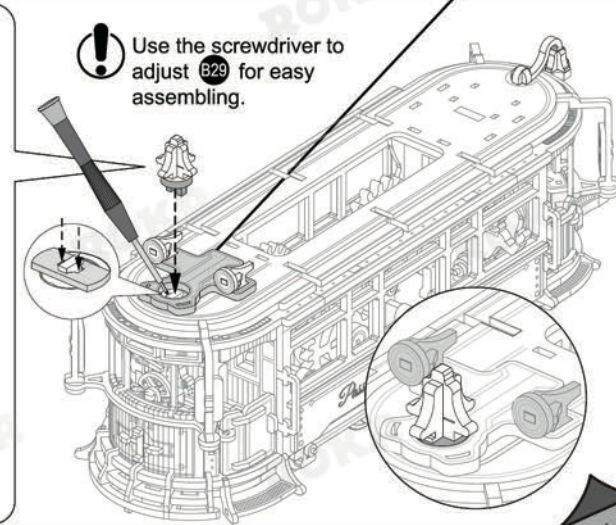
F19

F20

F22

G6

G4



F11x2



9

A27 x2

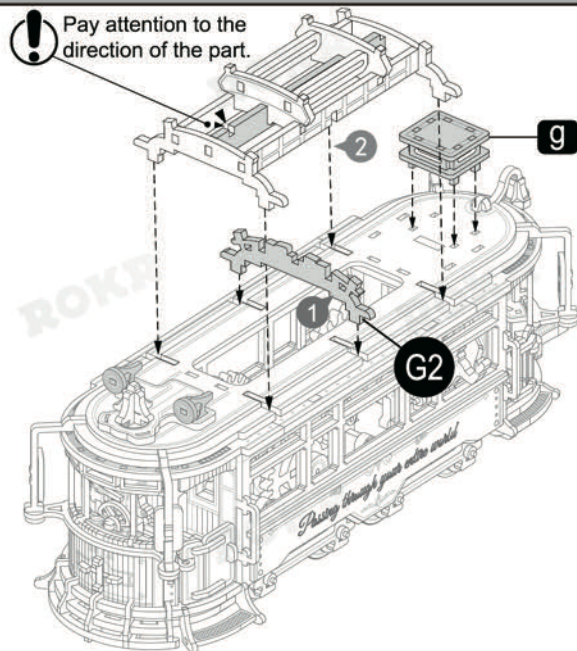
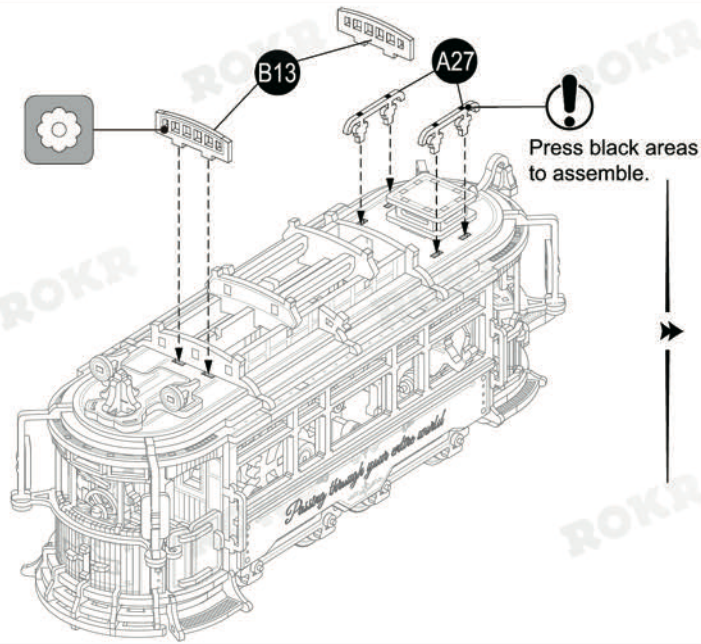
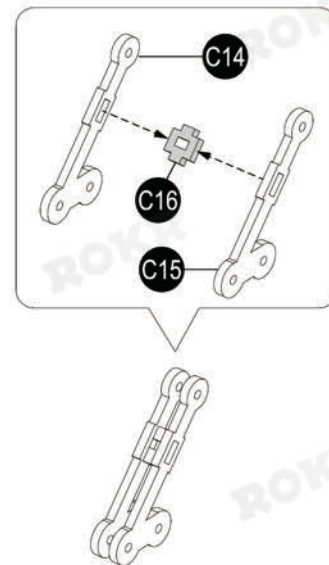
B13 x2

C14

C15

C16

G2



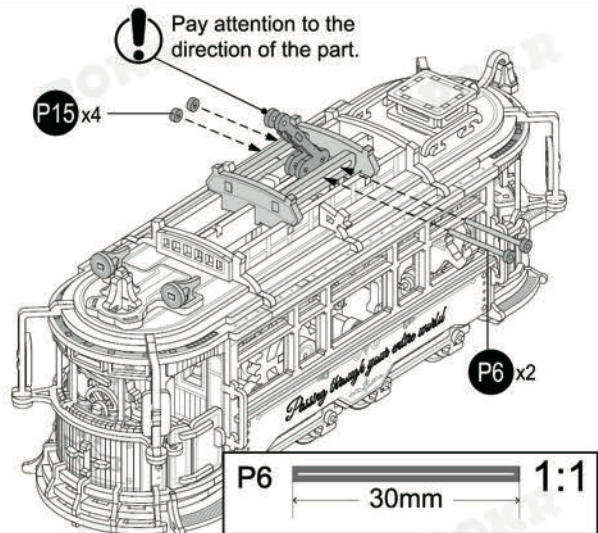
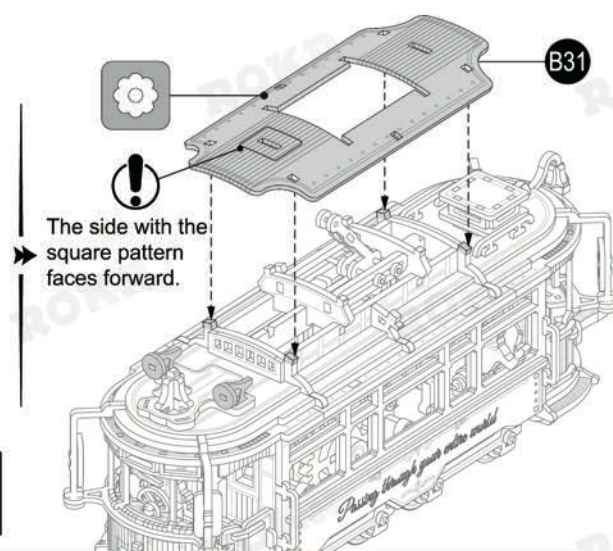
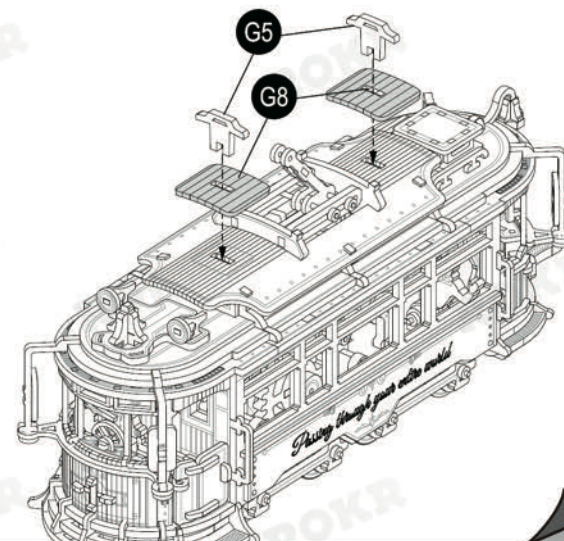
B31

G5 x2

G8 x2

P6 x2

P15 x4

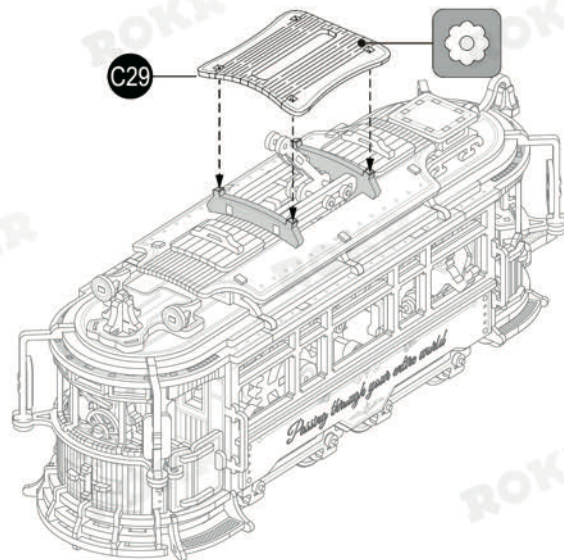
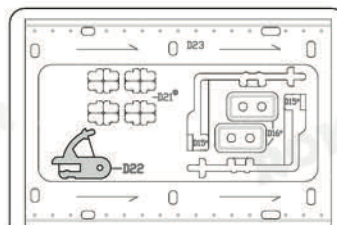


C29

D22

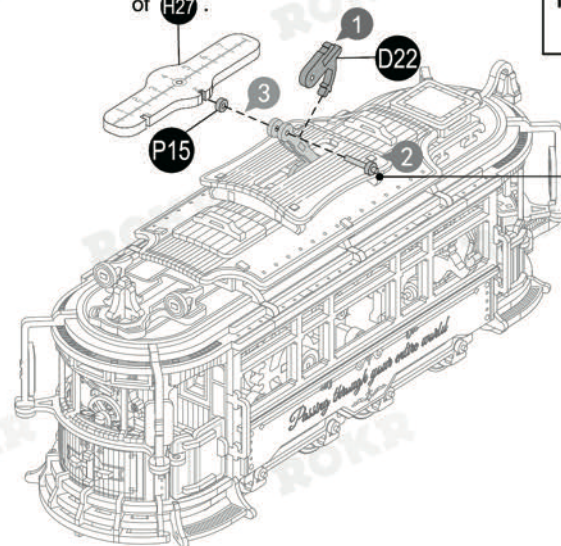
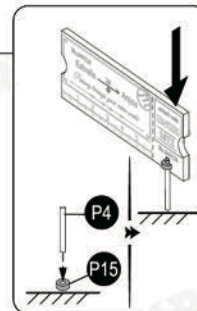
P4

P15 x2



Press with the groove
of H27.

P4 15mm 1:1



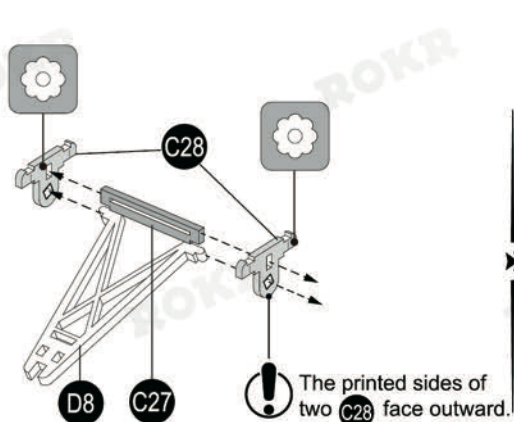
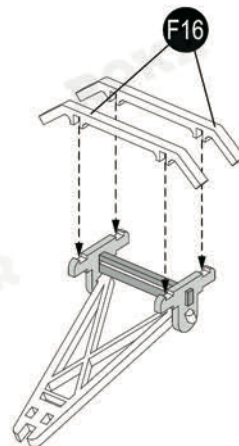
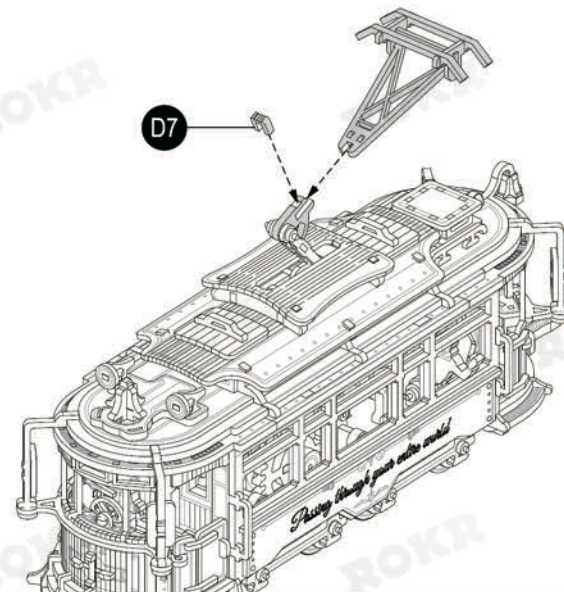
C27

C28 x2

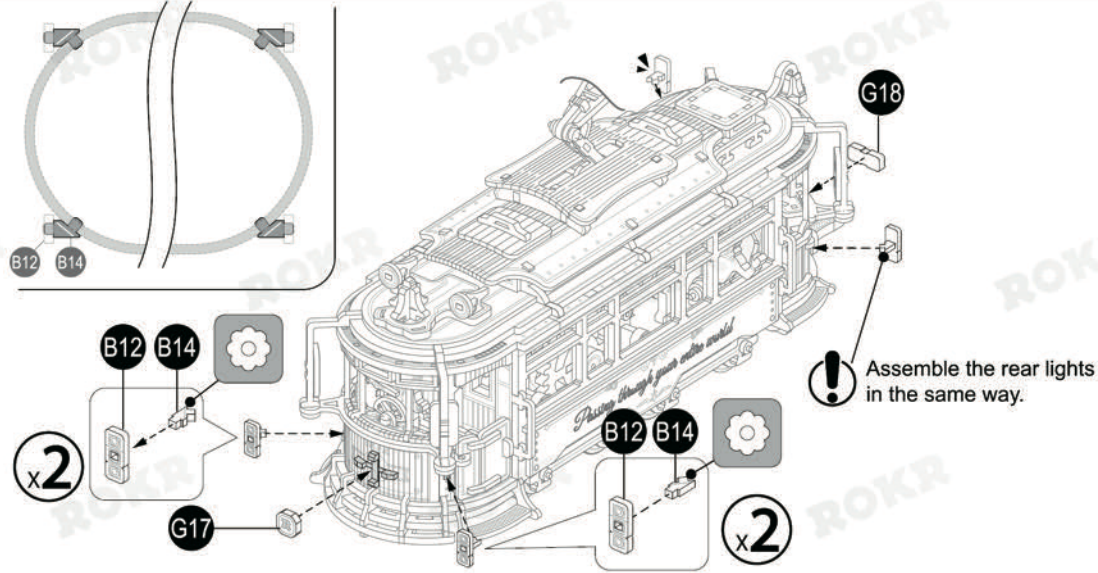
D7

D8

F16 x2

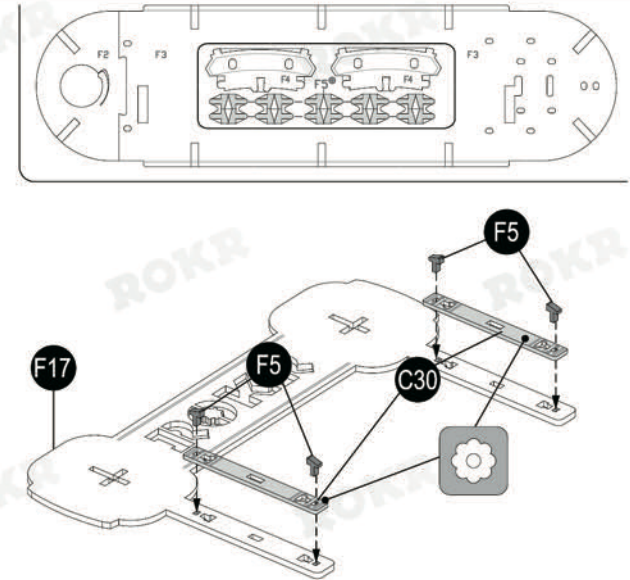


B12x4
B14x4
G17
G18

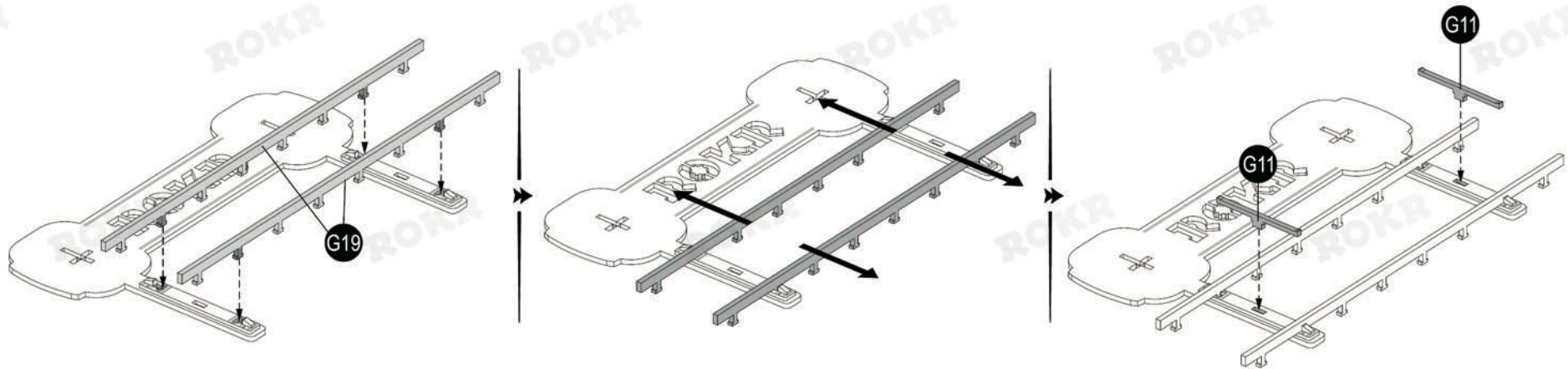


10

C30x2
F5x4
F17



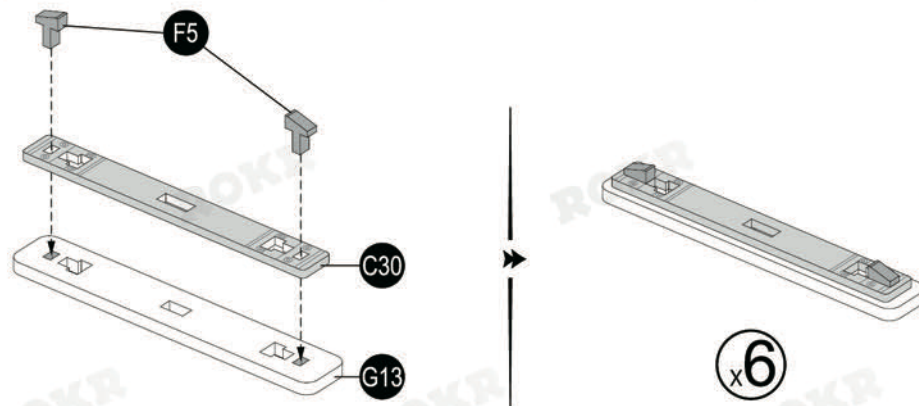
G19x2
G11x2



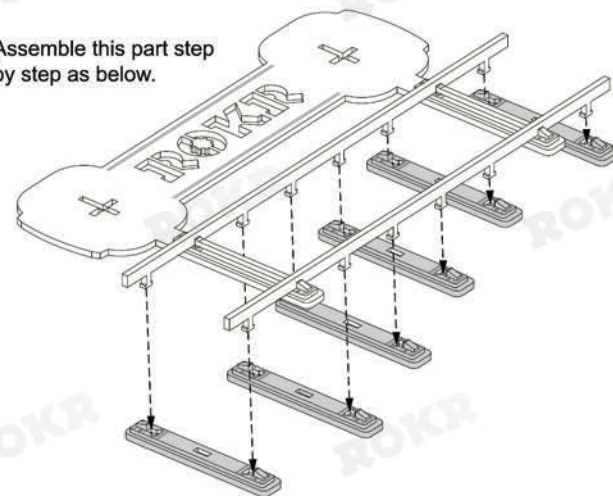
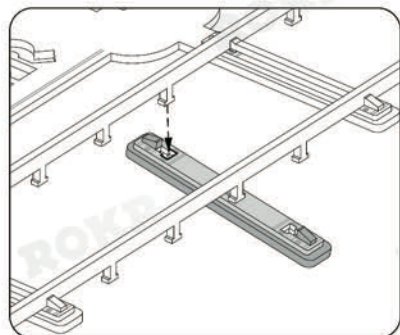
C30 x6

F5 x12

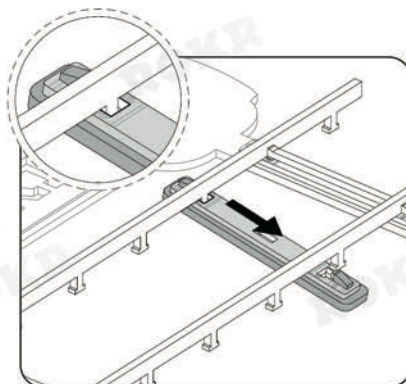
G13 x6



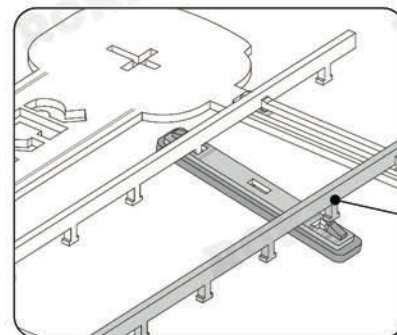
! Assemble this part step by step as below.



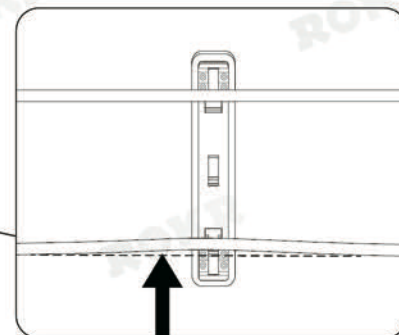
① Insert a protrusion of one side into the hole.



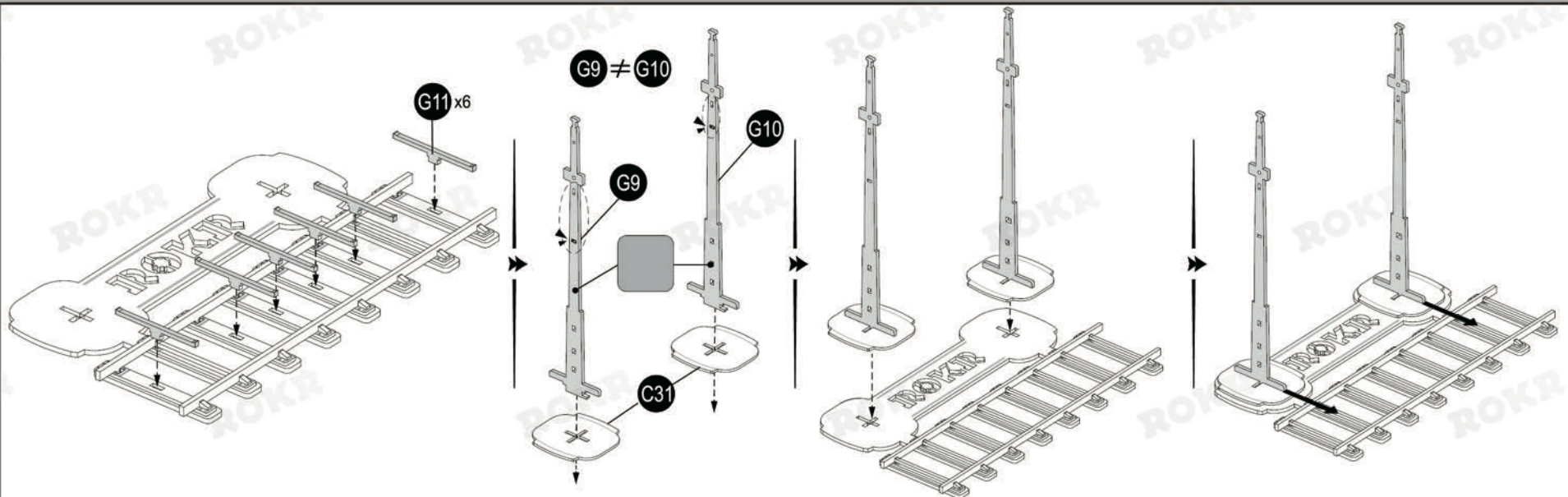
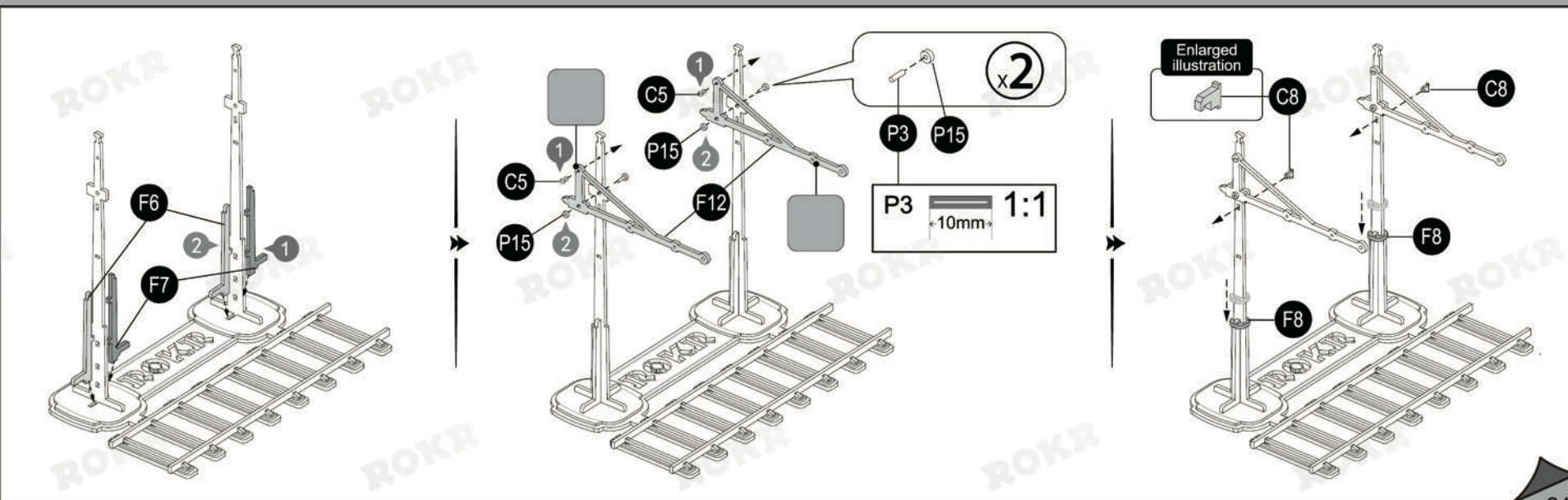
② Push the part into the hole as shown to secure.



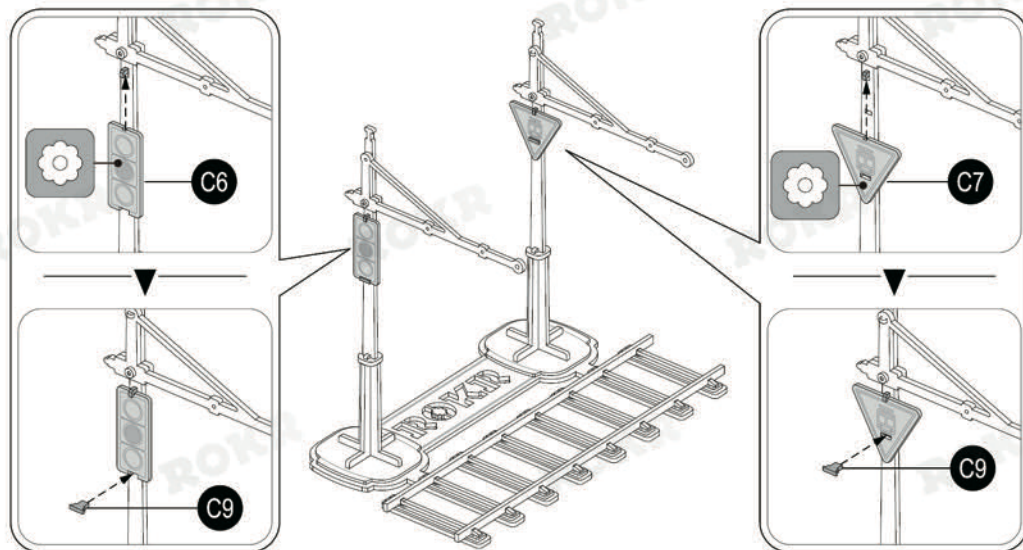
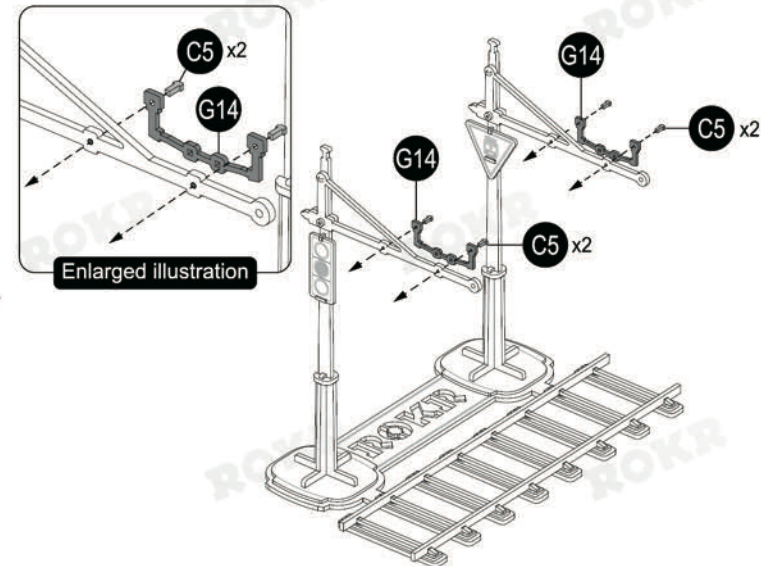
③ Insert another track into the hole.



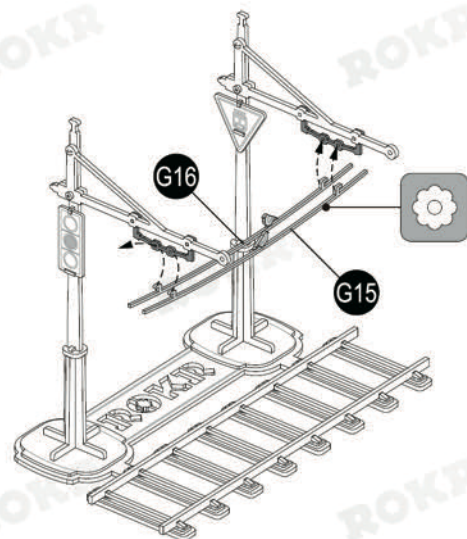
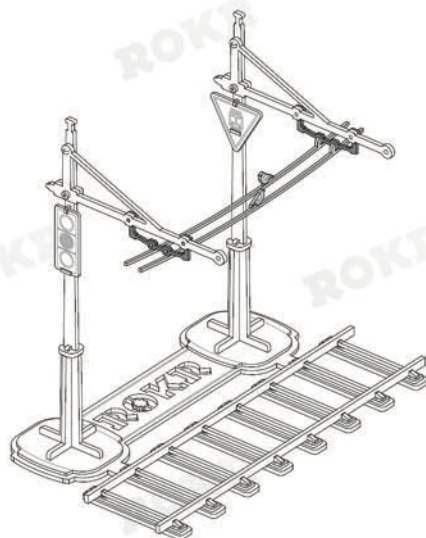
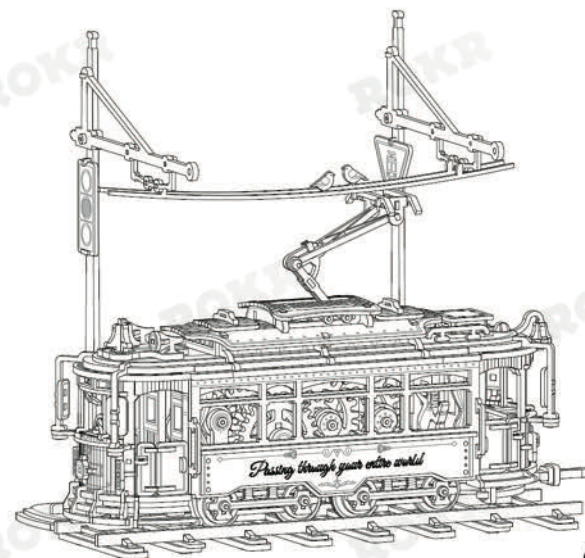
Press lightly for easier insertion.



C5 x4
C6
C7
C9 x2
G14 x2



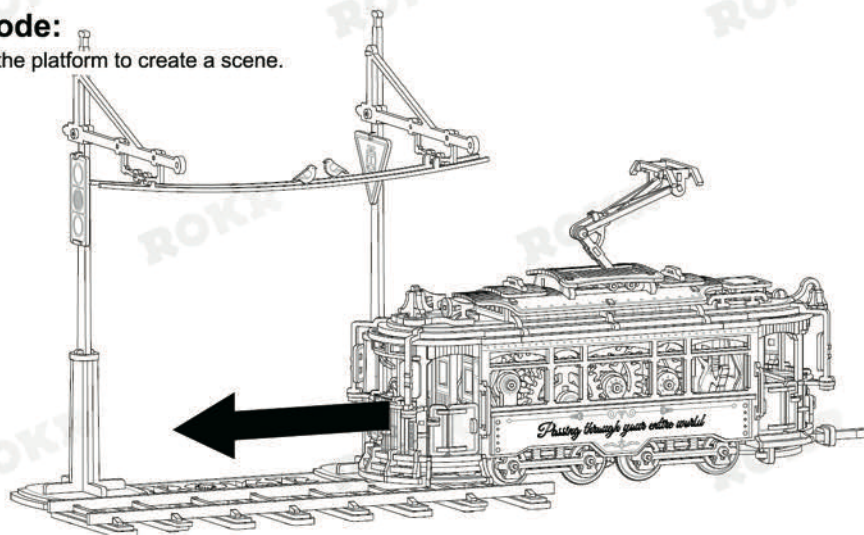
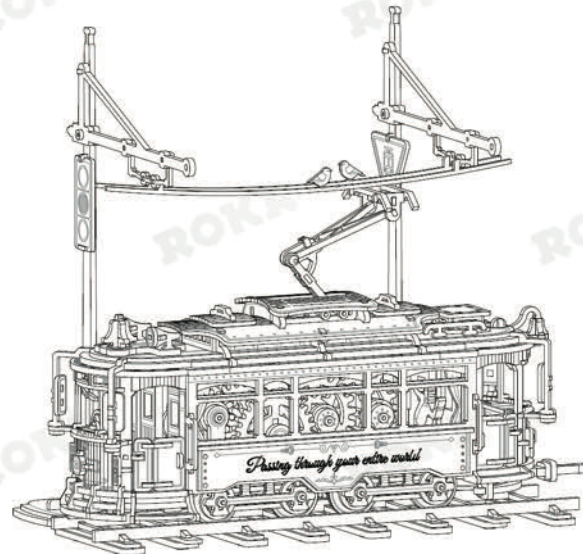
G15
G16



Complete.

Display mode:

Put the tram on the platform to create a scene.

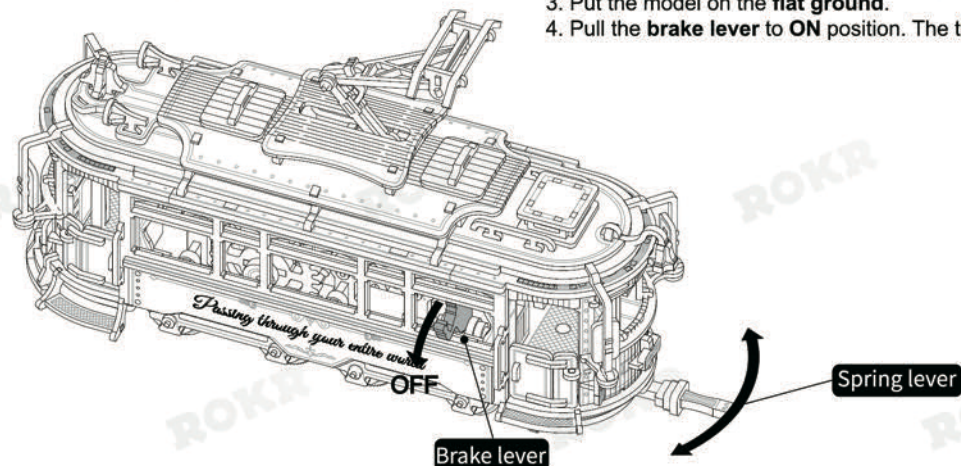
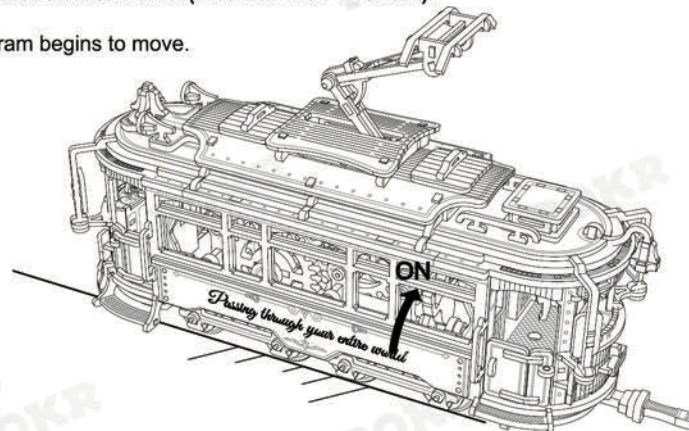


Motion mode:

This model is not suitable for the rough surface such as a gravel road or a carpet.

Instruction:

1. Pull the **brake lever** to **OFF** position.
2. Pull the **spring lever** backwards and forwards for 5 to 8 times (no more than 12 times).
3. Put the model on the **flat ground**.
4. Pull the **brake lever** to **ON** position. The tram begins to move.



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