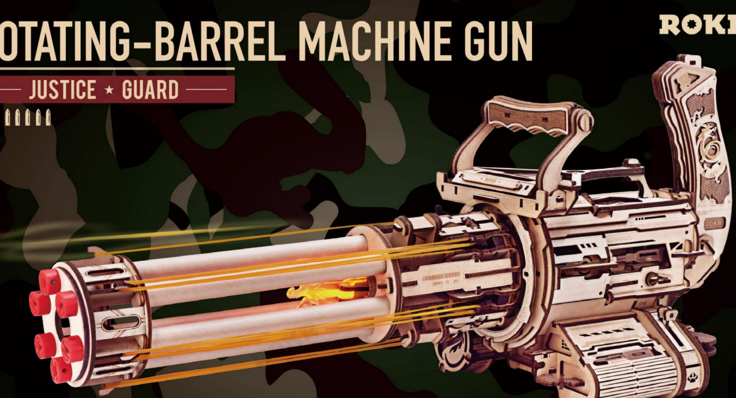
ROTATING-BARREL MACHINE GUN

ROKR

JUSTICE ★ GUARD



Assembly Instruction LQA01

WARNING:

The product requires 3 "AAA LR03/AM4 1.5V" batteries. (Batteries for self-preparation.)
Before loading or removing batteries, please loosen screws on the cover of the battery box with the screwdriver first.
Non-rechargeable batteries are not to be recharged.
Rechargeable batteries are only to be charged under adult supervision.
Rechargeable batteries are to be removed from the toy before being charged.
Different types of batteries or new and used batteries are not to be mixed.
Batteries are to be inserted with the correct polarity (+ and -).
Remove the exhausted battery in time.
The power supply terminal cannot be short circuited.
Do not connect the wire to a mains outlet.
The product is not to be connected to more than the recommended number of power supplies.
Check each part before assembly. If the part is damaged, fix it well before assembly.
Please keep the product away from substances flammable and humid environments to prevent damage.
The instruction must be retained since it contains important information.

ATTENTION

Children should be guided by adults.
This product contains small parts. Please use it carefully to avoid accidental ingestion and choking.
Please read the instructions carefully before assembly to confirm that the parts are not damaged or missing.
This product needs to be made with some auxiliary tools. Please select it reasonably to avoid injury.

Please carefully cut the parts and make sure they are firmly pasted when using glue or tape.
Please install the electronic components correctly and test whether the circuit is normal after completion.
Please don't clean this product with chemical cleaners: alcohol, ammonia water, glass cleaner, etc.
Please clean the product with clean soft cloth, and sand the board bur lightly with sandpaper.
Please keep the product away from substances flammable and humid environments to prevent damage.

Icon Illustration

U9+ "+" means the part has spare ones
Printed side
Step 1
Tips of removing parts
3 P20 Part **P20** in Bag **No. 3**
Blank side
Step 2
Ensure the parts running smoothly
Special attention in assembly
x2 Complete 2 same parts
Ensure the parts running smoothly
Perspective changed
Wax the yellow parts
Remove protective film
Flush end assembling
Ensure the parts running smoothly

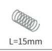
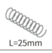
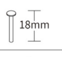
Q&A

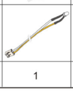
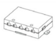
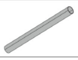
Problem	Cause	Solution
1. How to solve the fracture of parts?	1. Parts are fragile and applied with too much force. 2. Some parts are marked with pressure application point. Do not press non-pressure application point or at the end of the long pieces.	1. Take off the pieces carefully. 2. Some fragile 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 transmission parts may fit tightly, and tools can be used to assist in pressing	1. Check for assembling errors. 2. Press with the tool.

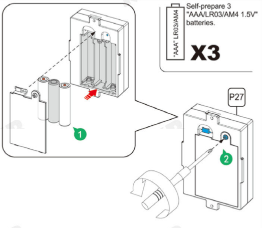
Part list

(Tips: suggest to put the parts in a box to prevent loss.) Due to customs policy in international shipping,the wax and glue may not be included.Please prepare them yourself.

	Bag No. 1									
Name	Steel wire	Tension spring	Steel shaft	Steel shaft	Steel shaft	M2 Screw	M3 Screw	M1.4 Screw	M3 Screw	M2 Screw
Item number	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
Illustration										
Quantity	1	2	1	1	1	4	2	6	1	2

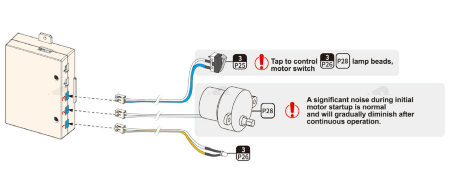
	Bag No. 1						Bag No. 2					
Name	Spring	Spring	Spring	Steel ring	Screwdriver	Screwdriver	Gold rivet	Round head rivet	Round head rivet	Gasket	Gasket	Plastic gear
Item number	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22
Illustration	L=10mm	 L=15mm	 L=25mm					13mm	 18mm			
Quantity	3	1	1	1	1	1	15	8	6	1	1	1

	Bag No. 2		Bag No. 3							
Name	Rolling wheel	Acrylic sign	Contact switch	Light strip	Battery box	Motor	Plastic part	Sleeve	Wax	Kraft paper tube
Item number	P23	P24	P25	P26	P27	P28	P29	P30	P31	P32
Illustration										
Quantity	1	1	1	1	1	1	6	15	1	6


"AAA" LR03/AM4
X3
P27
1
2

Self-prepare 3 "AAA/LR03/AM4 1.5V" batteries.

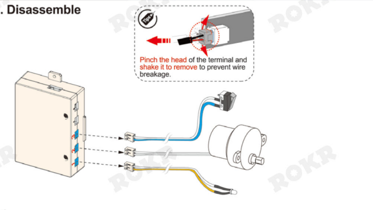
1.Test function


3 P25
3 P26
P28
3 P26

Tap to control 3 P25 motor switch 3 P26 P28 lamp beads,

A significant noise during initial motor startup is normal and will gradually diminish after continuous operation.

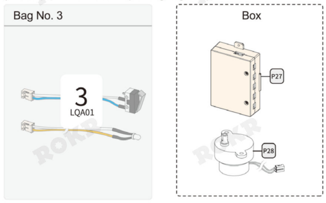
2. Disassemble

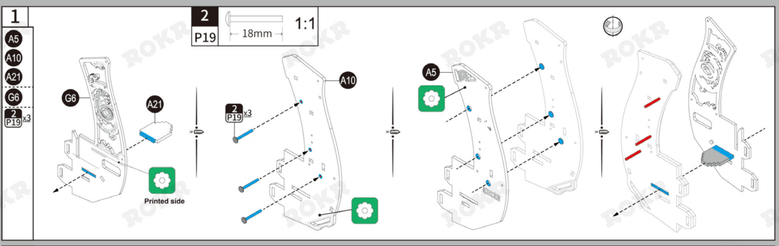


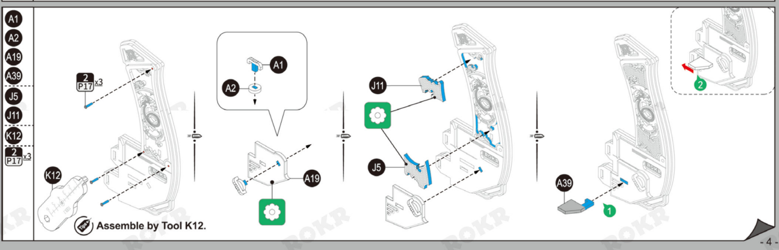
Pinch the head of the terminal and shake it to remove to prevent wire breakage.

3.Remove all the electronic parts after testing.

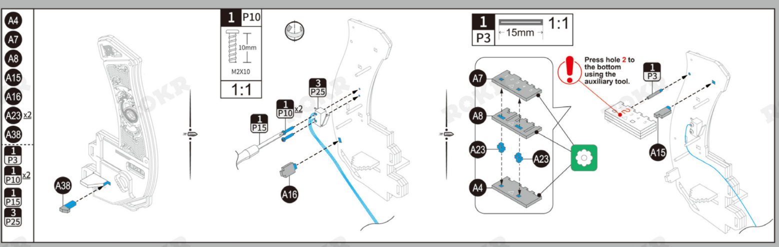
(Please put it into the corresponding bag/box.)


Bag No. 3
3
LQA01
Box
P27
P28

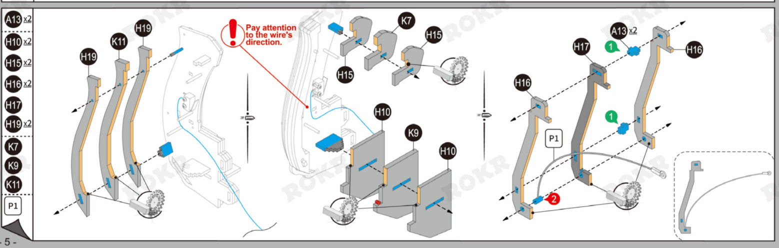

1
A5
A10
A21
G6
2 P19 x3
2
P19
18mm
1:1
G6
A21
Printed side
2 P19 x3
A10
A5


A1
A2
A19
A39
J5
J11
K12
2 P17 x3
2 P17 x3
A1
A2
A19
J11
J5
A39
K12
1
2

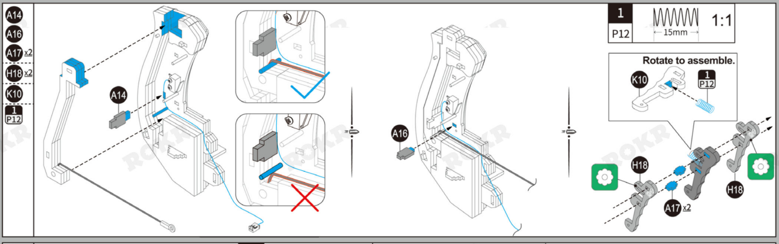
Assemble by Tool K12.


A4
A7
A8
A15
A16
A23 x2
A38
1 P3
1 P10 x2
1 P15
3 P25
1 P10
10mm
M2X10
1:1
3 P25
1 P10 x2
1 P15
A16
A38
1
P3
15mm
1:1
A7
A8
A23
A23
A4
1 P3
A15

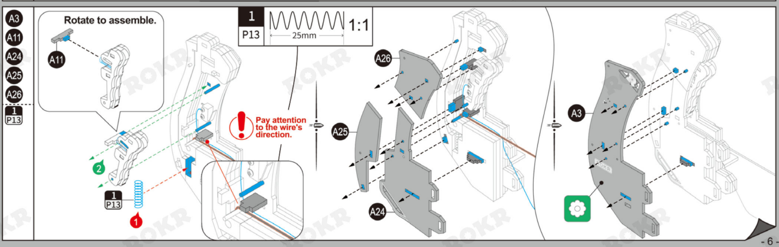
Press hole 2 to the bottom using the auxiliary tool.


A13 x2
H10 x2
H15 x2
H16 x2
H17
H19 x2
K7
K9
K11
P1
H19
K11
H19
K7
H15
H15
H10
K9
H10
A13 x2
H17
H16
H16
P1
1
1
2

Pay attention to the wire's direction.

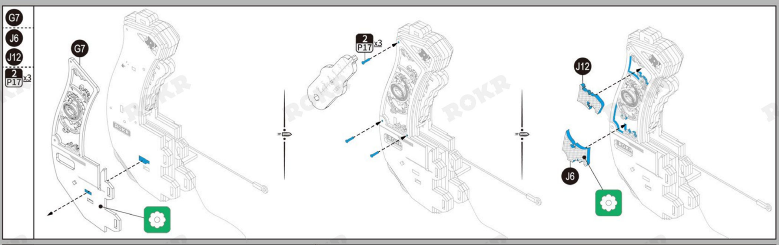

A14
A16
A17 x2
H18 x2
K10
1 P12
A14
A16
1 P12 15mm 1:1
K10
1 P12
H18
A17 x2
H18

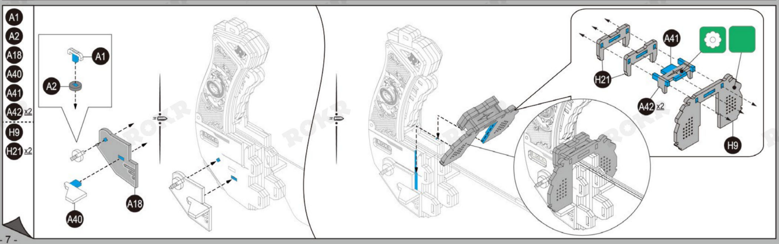
Rotate to assemble.

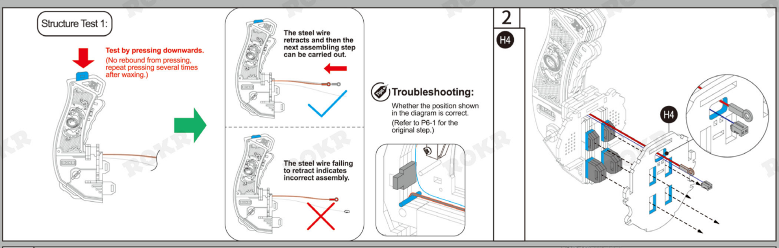

A3
A11
A24
A25
A26
1 P13
A11
2
1 P13
1
1 P13 25mm 1:1
A26
A25
A24
A3

Rotate to assemble.

Pay attention to the wire's direction.


G7
J6
J12
2 P17 x3
G7
2 P17 x3
J12
J6


A1
A2
A18
A40
A41
A42 x2
H9
H21 x2
A1
A2
A18
A40
A41
H21
A42 x2
H9



Structure Test 1:

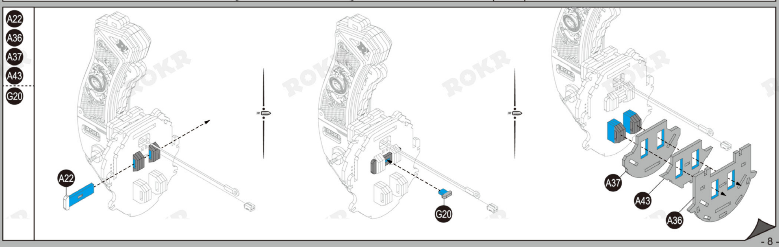
Test by pressing downwards.
(No rebound from pressing, repeat pressing several times after waxing.)

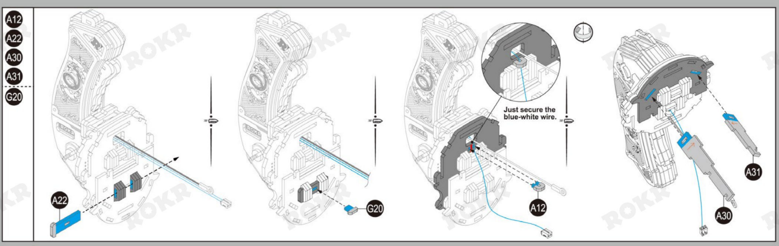
The steel wire retracts and then the next assembling step can be carried out.

The steel wire failing to retract indicates incorrect assembly.

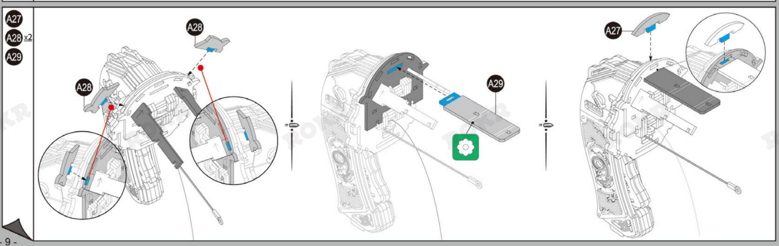
Troubleshooting:

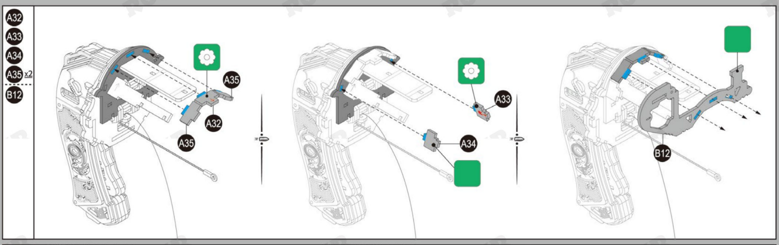
Whether the position shown in the diagram is correct.
(Refer to P6-1 for the original step.)

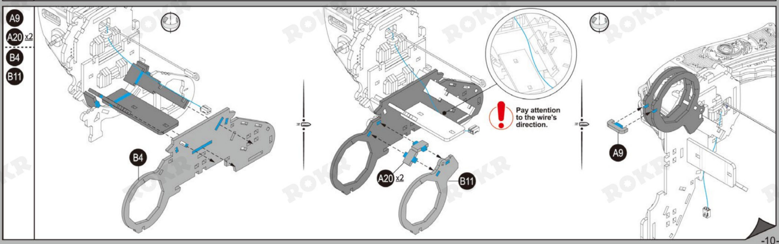

A22
A36
A37
A43
G20
A22
G20
A37
A43
A36


A12
A22
A30
A31
G20
A22
G20
A12
A31
A30

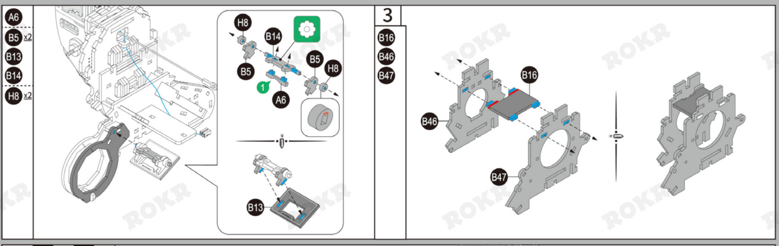
Just secure the blue-white wire.

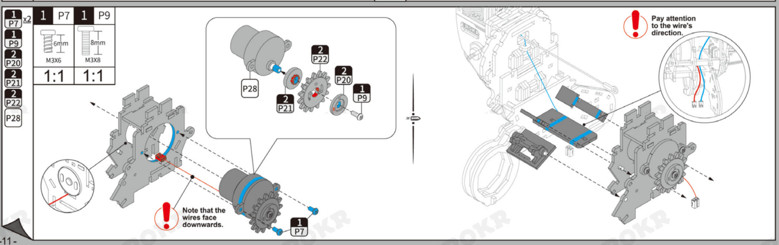

A27
A28 x2
A29
A28
A28
A29
A27


A32
A33
A34
A35 x2
B12
A35
A32
A35
A33
A34
B12


A9
A20 x2
B4
B11
B4
A20 x2
B11
A9

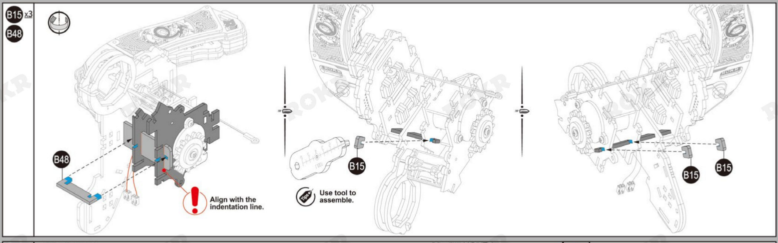
Pay attention to the wire's direction.


A6
B5 x2
B13
B14
H8 x2
H8
B14
B5
B5
H8
1
A6
B13
3
B16
B46
B47
B16
B46
B47


1 P7 x2
1 P9
2 P20
2 P21
2 P22
P28
1 P7 6mm M3X6 1:1
1 P9 8mm M3X8 1:1
P28
2 P22
2 P20
2 P21
1 P9
1 P7

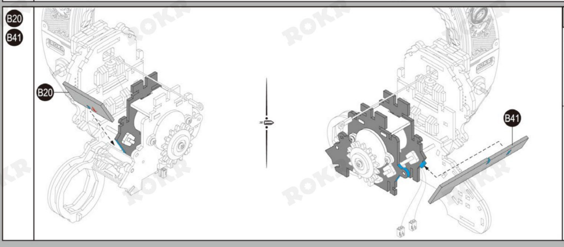
Note that the wires face downwards.

Pay attention to the wire's direction.

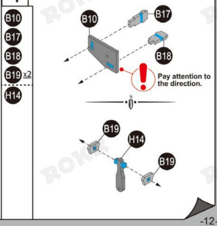

Align with the indentation line.

Use tool to assemble.

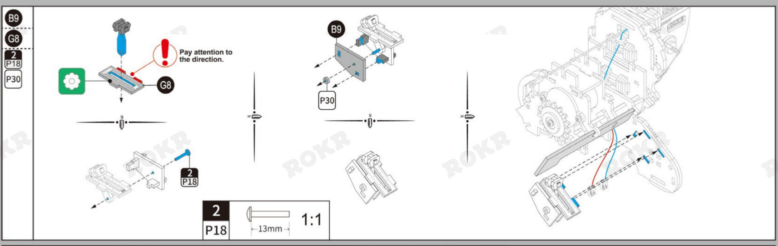
B15 x3
B48
B48
Tips
B15
B15
B15


B20
B41
B20
B41

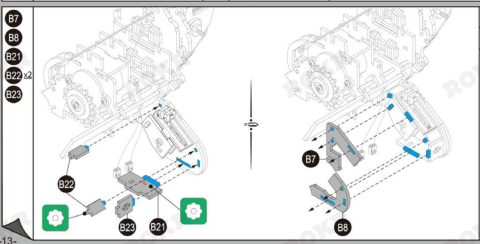
4


Pay attention to the direction.

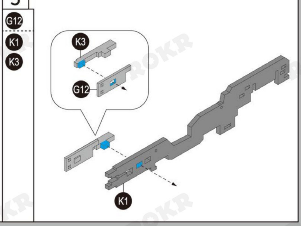
B10
B17
B18
B19 x2
H14
B10
B17
B18
B19
H14
B19

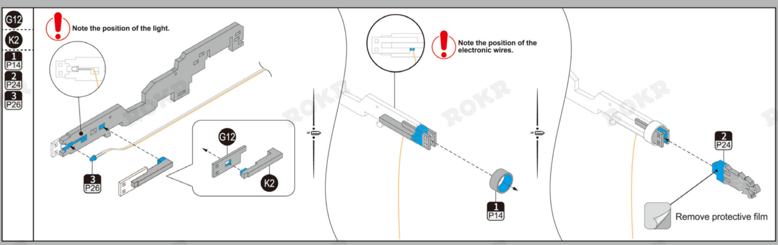

Pay attention to the direction.

B9
G8
2
P18
P30
G8
B9
P30
2
P18
2
P18
13mm
1:1


B7
B8
B21
B22 x2
B23
B22
B23
B21
B7
B8

5

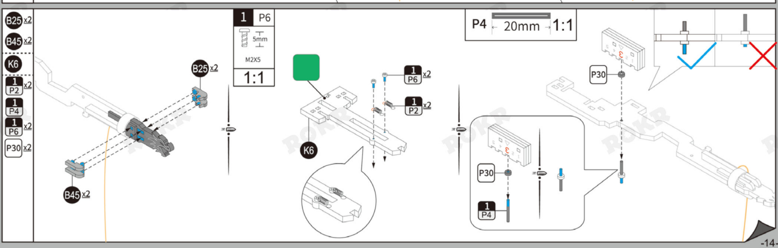

G12
K1
K3
K3
G12
K1

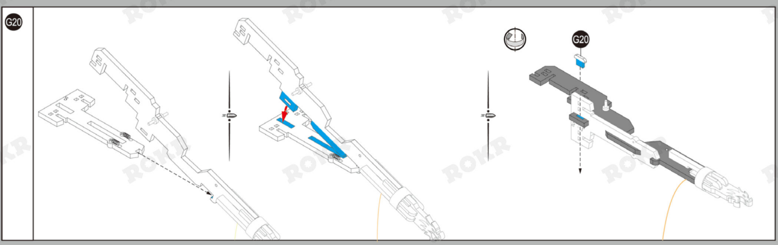

Note the position of the light.

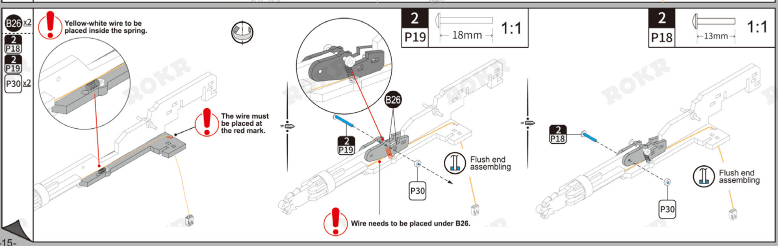
Note the position of the electronic wires.

Remove protective film

G12
K2
1
P14
2
P24
3
P26
G12
K2
3
P26
1
P14
2
P24


B25 x2
B45 x2
K6
1
P2 x2
1
P4
1
P6 x2
P30 x2
B25 x2
B45 x2
1
P6
5mm
M2X5
1:1
K6
1
P6 x2
1
P2 x2
P4
20mm
1:1
P30
P30
1
P4




Yellow-white wire to be placed inside the spring.

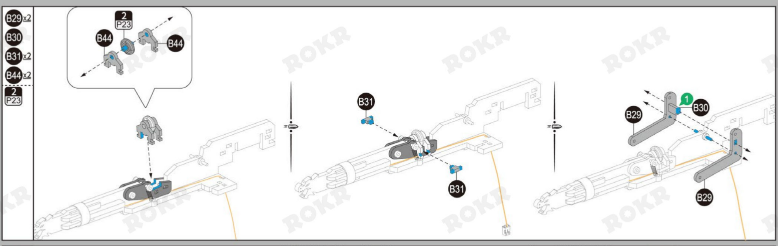
The wire must be placed at the red mark.

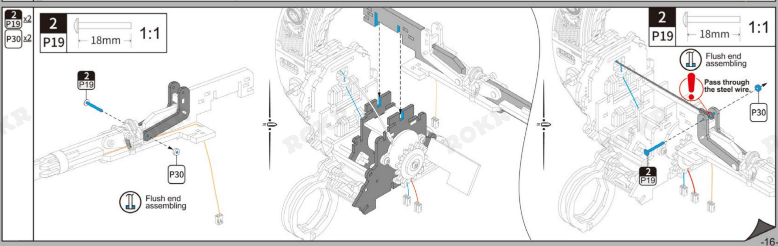
Wire needs to be placed under B26.

Flush end assembling

Flush end assembling

B26 x2
2
P18
2
P19
P30 x2
2
P19
18mm
1:1
B26
2
P19
P30
2
P18
13mm
1:1
2
P18
P30

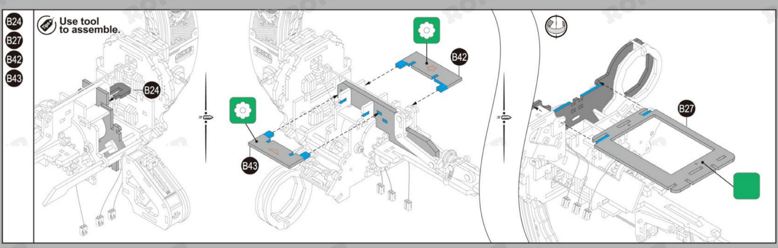

B29 x2
B30
B31 x2
B44 x2
2
P23
2
P23
B44
B44
B31
B31
B29
1
B30
B29


Flush end assembling

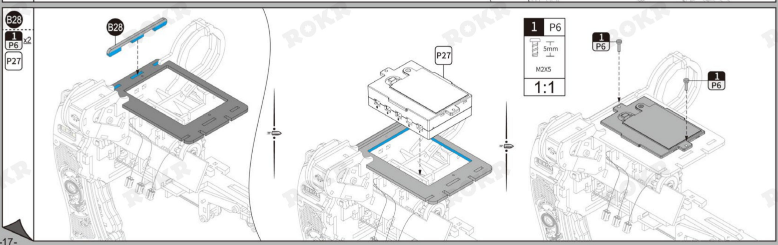
Flush end assembling

Pass through the steel wire.

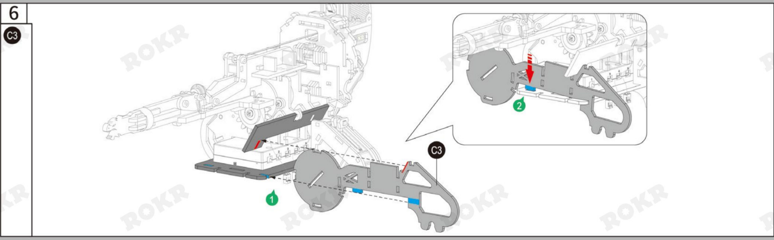
2
P19 x2
P30 x2
2
P19
18mm
1:1
2
P19
P30
2
P19
18mm
1:1
P30
2
P19

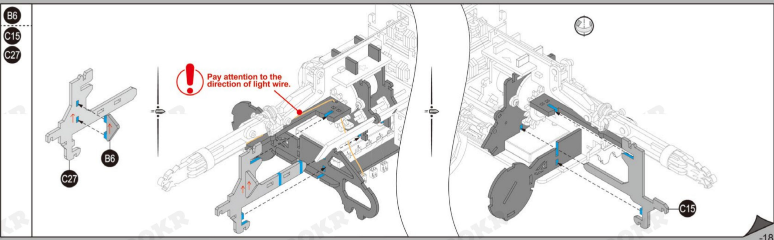

Use tool to assemble.

B24
B27
B42
B43
Tips
B24
B42
B43
B27

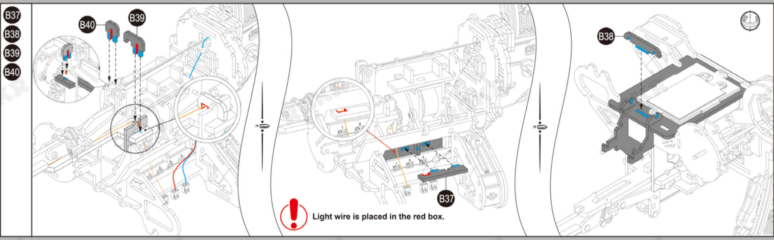

B28
1
P6 x2
P27
B28
P27
1
P6
5mm
M2X5
1:1
1
P6
1
P6

6



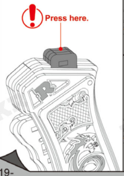

B6
C15
C27
C27
B6
C15

Pay attention to the direction of light wire.

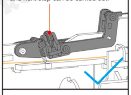

B37
B38
B39
B40
B40
B39
B37
B38

Light wire is placed in the red box.

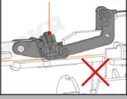
Structure Test 2:


Press here.

If it can be lifted upwards here, it indicates that the assembly is correct and next step can be carried out.

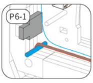


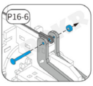
If it fails to lift upwards here, it means that there is an error in the assembly.



Troubleshooting:

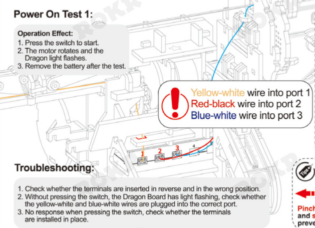
Whether the position shown in the diagram is correct.
(Refer to P6-1, P16-6 for the original step.)





Power On Test 1:

Operation Effect:
1. Press the switch to start.
2. The motor rotates and the Dragon light flashes.
3. Remove the battery after the test.

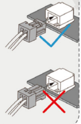


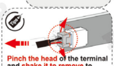
Yellow-white wire into port 1
Red-black wire into port 2
Blue-white wire into port 3

Troubleshooting:

1. Check whether the terminals are inserted in reverse and in the wrong position.
2. Without pressing the switch, the Dragon Board has light flashing, check whether the yellow-white and blue-white wires are plugged into the correct port.
3. No response when pressing the switch, check whether the terminals are installed in place.

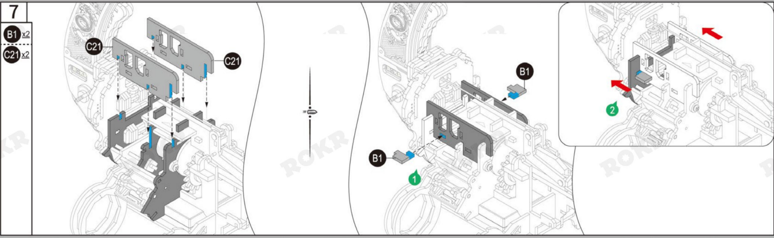
Pay attention to the terminal direction.

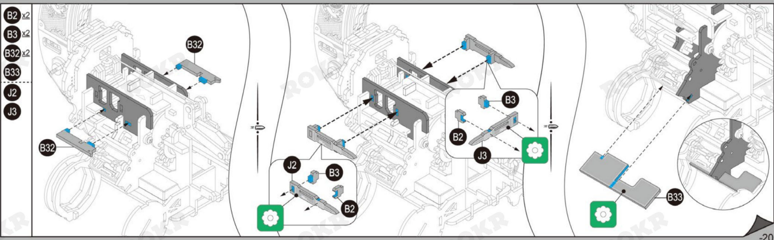




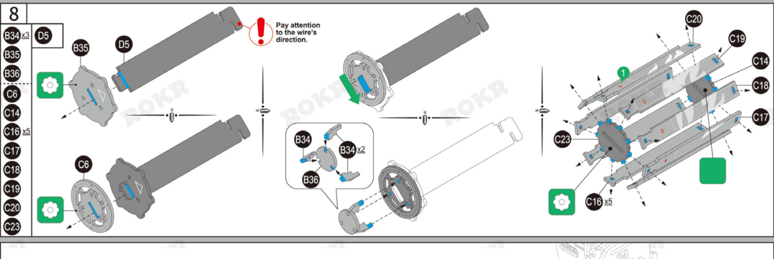
Pinch the head of the terminal and shake it to remove to prevent wire breakage.

7

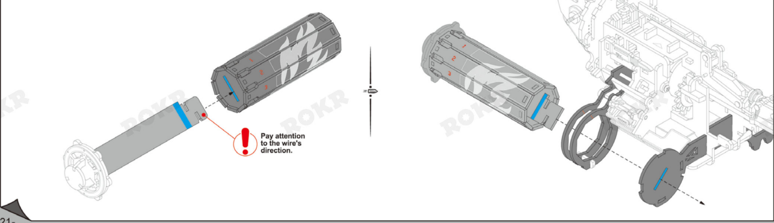

B1 x2
C21 x2
C21
C21
B1
B1
1
2


B2 x2
B3 x2
B32 x2
B33
J2
J3
B32
B32
J2
B3
B2
B3
B2
J3
B33

8

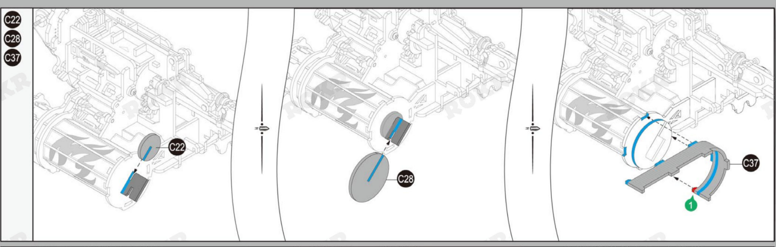

B34 x3
B35
B36
C6
C14
C16 x5
C17
C18
C19
C20
C23
D5
B35
D5
C6
B34
B34 x2
B36
C20
C19
C14
C18
C17
C23
C16 x5
1

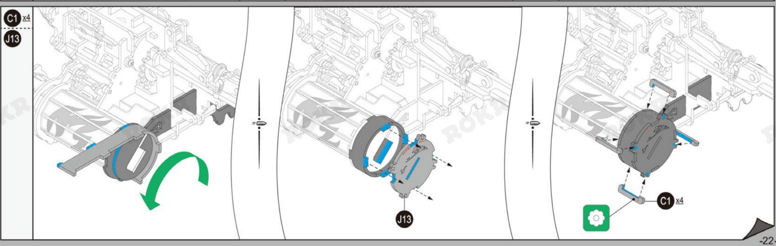
Pay attention to the wire's direction.

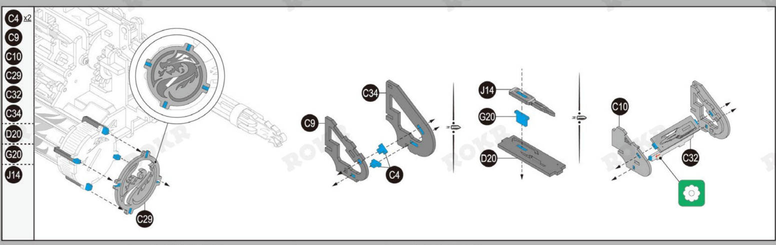


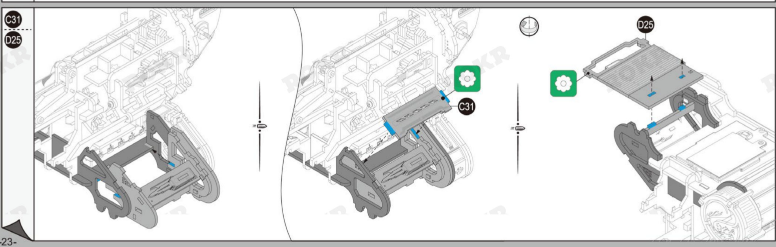
Pay attention to the wire's direction.

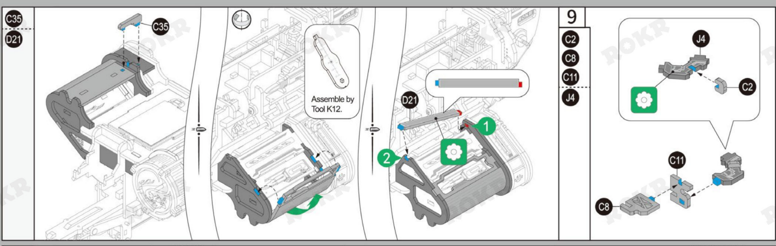
ROKR


C22
C28
C37
C22
C28
C37
1

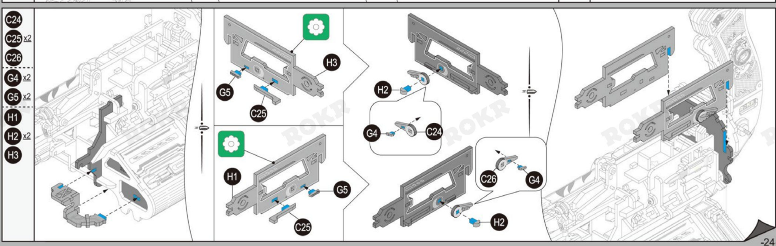

C1 x4
J13
J13
C1 x4

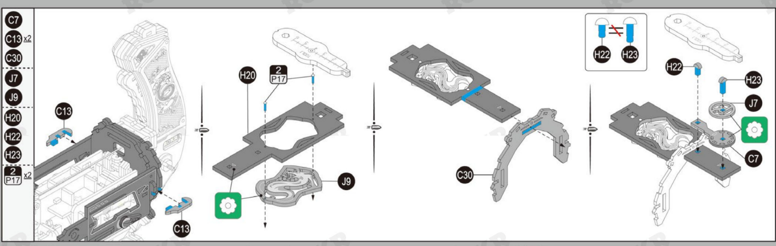

C4 x2
C9
C10
C29
C32
C34
D20
G20
J14
C29
C34
C9
C4
J14
G20
D20
C10
C32

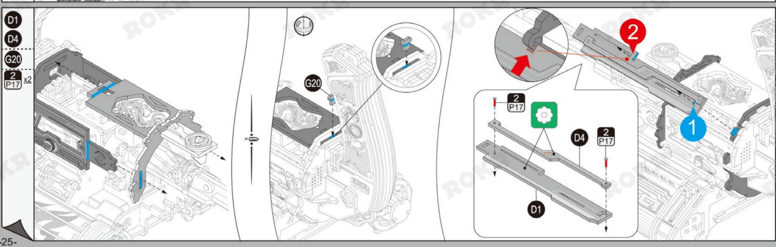

C31
D25
C31
D25

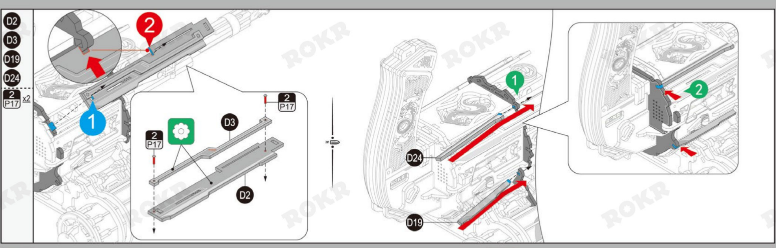

C35
D21
C35
D21
1
2
9
C2
C8
C11
J4
J4
C2
C11
C8

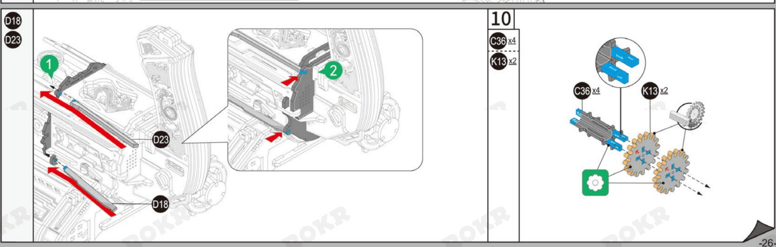
Assemble by Tool K12.

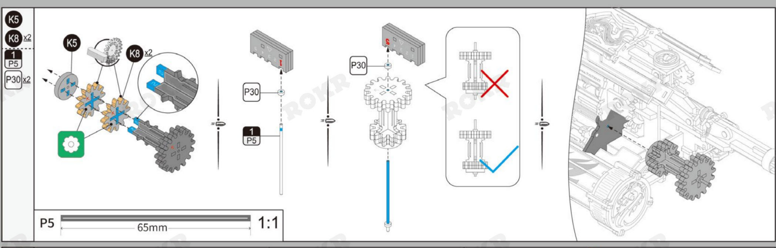

C24
C25 x2
C26
G4 x2
G5 x2
H1
H2 x2
H3
H3
G5
C25
H2
G4
C24
H1
G5
C25
C26
G4
H2

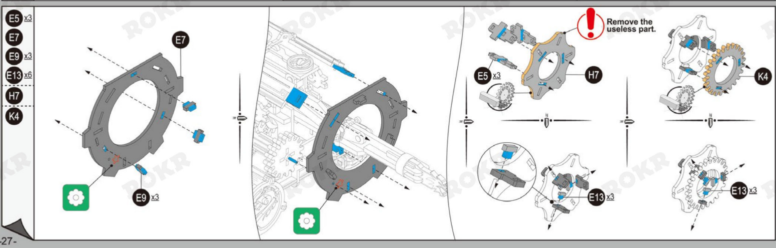

C7
C13 x2
C30
J7
J9
H20
H22
H23
2 P17 x2
C13
C13
H20
2 P17
J9
C30
H22
H23
H22
H23
J7
C7


D1
D4
G20
2 P17 x2
G20
2
1
2 P17
D4
2 P17
D1

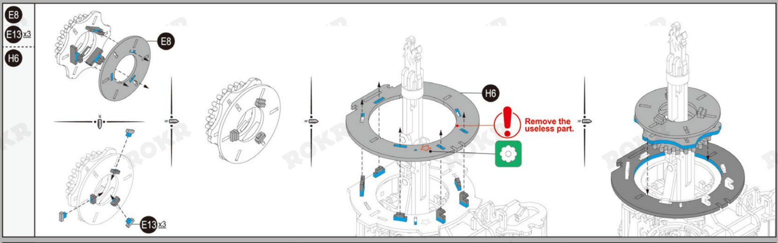

D2
D3
D19
D24
2 P17 x2
2
1
2 P17
2 P17
D3
D2
1
D24
D19
2

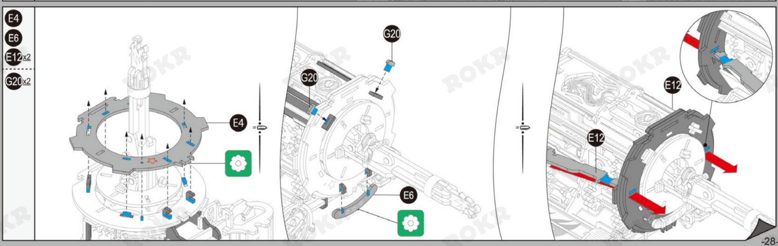

D18
D23
1
D23
D18
2
10
C36 x4
K13 x2
C36 x4
K13 x2

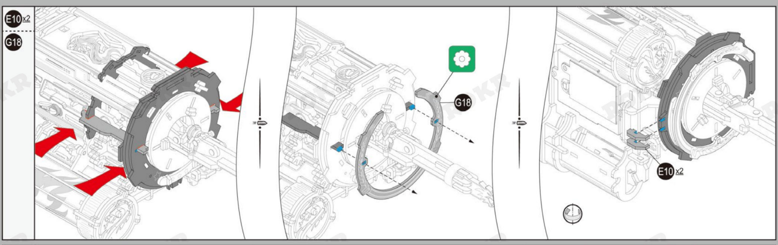

K5
K8 x2
1 P5
P30 x2
K5
K8 x2
P30
1 P5
P30
P5
65mm
1:1

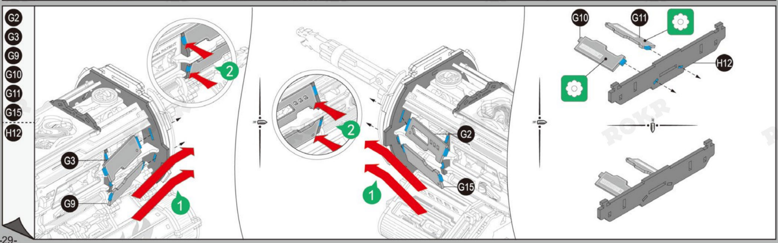

E5 x3
E7
E9 x3
E13 x6
H7
K4
E7
E9 x3
E5 x3
H7
K4
E13 x3
E13 x3

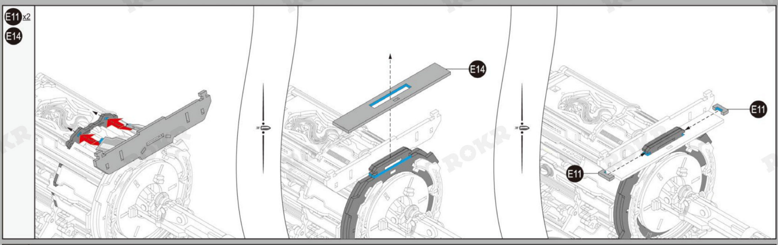
Remove the useless part.

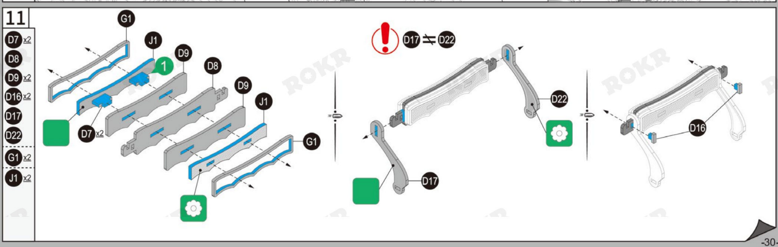

E8
E13 x3
H6
E8
E13 x3
H6
Remove the useless part.

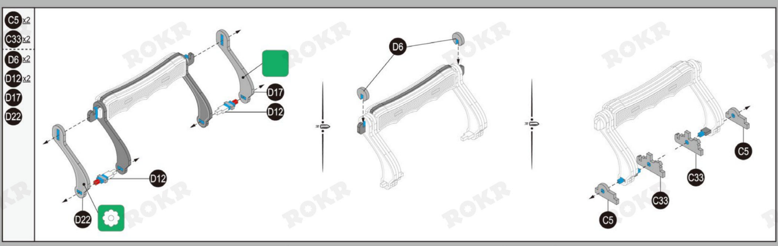

E4
E6
E12 x2
G20 x2
E4
G20
G20
E6
E12
E12

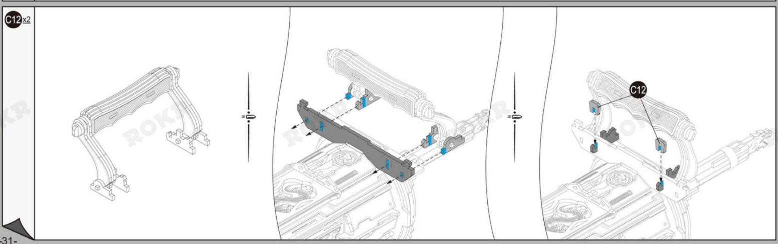

E10 x2
G18
G18
E10 x2

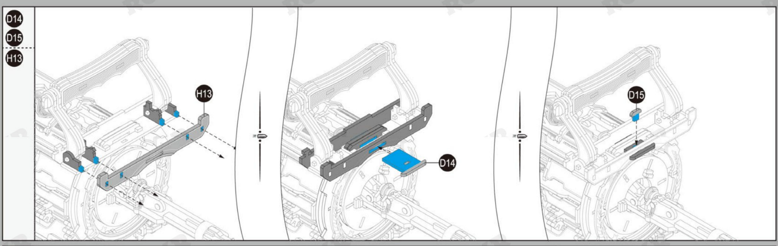

G2
G3
G9
G10
G11
G15
H12
G3
G9
2
1
2
1
G2
G15
G10
G11
H12

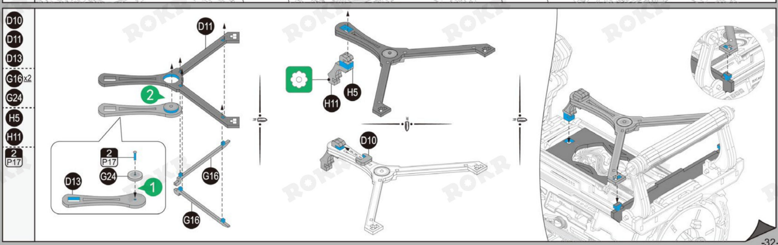

E11 x2
E14
E14
E11
E11

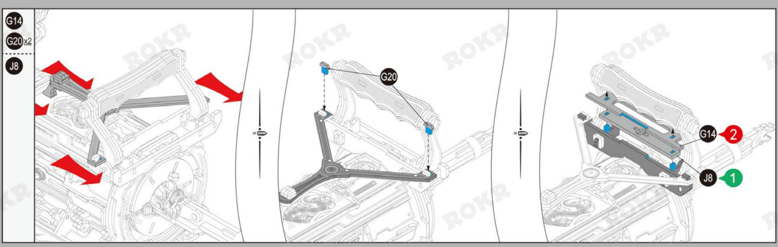

11
D7 x2
D8
D9 x2
D16 x2
D17
D22
G1 x2
J1 x2
G1
J1
D9
D8
1
D7 x2
D9
J1
G1
D17 ⇌ D22
D22
D17
D16

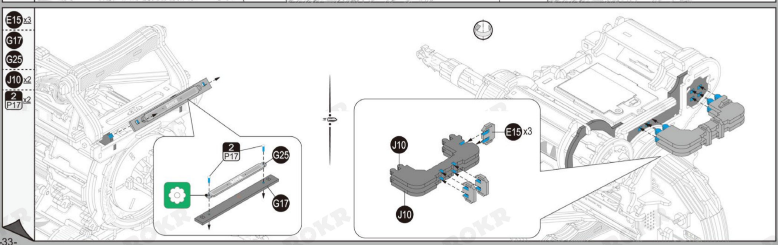

C5 x2
C33 x2
D6 x2
D12 x2
D17
D22
D17
D12
D12
D22
D6
C5
C33
C33
C5

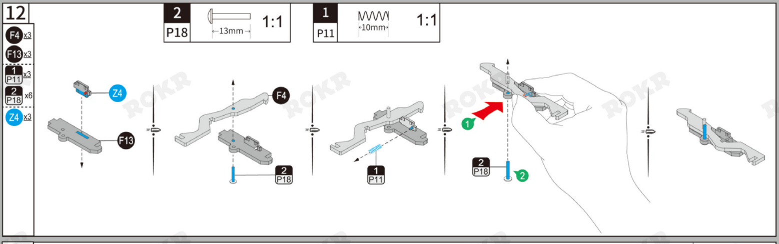


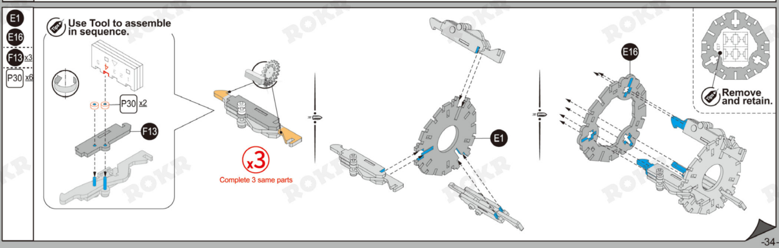

D14
D15
H13
H13
D14
D15

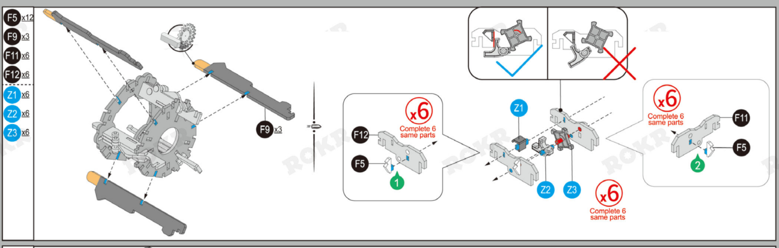

D10
D11
D13
G16 x2
G24
H5
H11
2 P17
D11
2
2 P17
D13
G24
1
G16
G16
H5
H11
D10

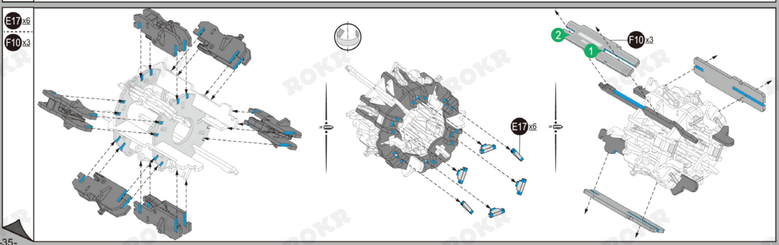

G14
G20 x2
J8
G20
G14
2
J8
1

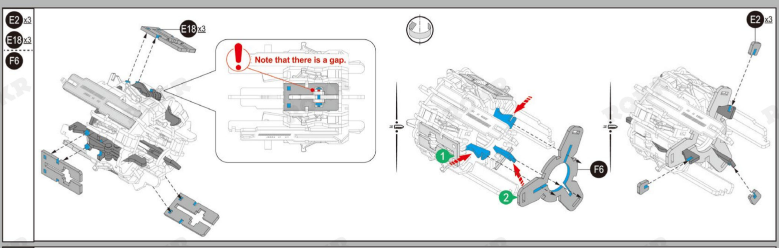

E15 x3
G17
G25
J10 x2
2 P17 x2
2 P17
G25
G17
J10
E15 x3
J10

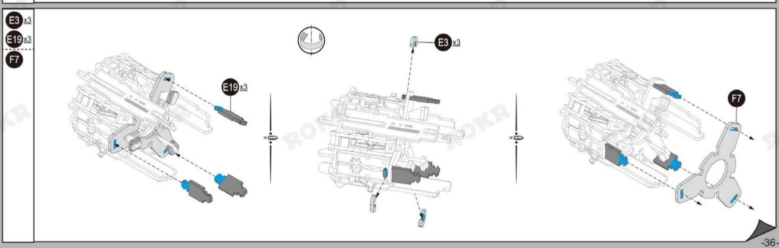

12
F4 x3
F13 x3
1 P11 x3
2 P18 x6
Z4 x3
2 P18 13mm 1:1
1 P11 10mm 1:1
Z4
F13
F4
2 P18
1 P11
1
2
2 P18

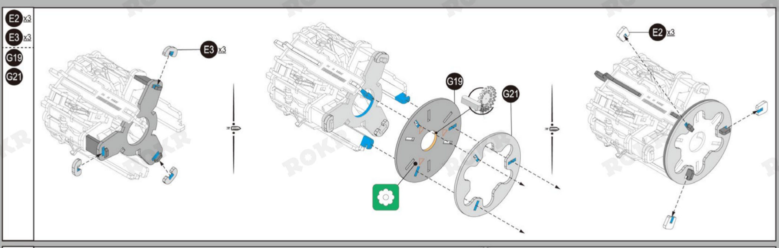

E1
E16
F13 x3
P30 x6
Use Tool to assemble in sequence.
P30 x2
F13
x3
Complete 3 same parts
E1
E16
Remove and retain.

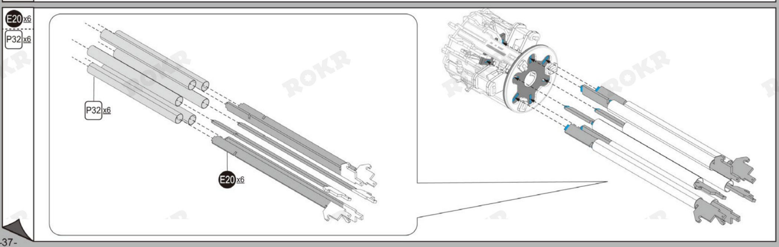

F5 x12
F9 x3
F11 x6
F12 x6
Z1 x6
Z2 x6
Z3 x6
F9 x3
F12
F5
x6
Complete 6 same parts
1
Z1
Z2
Z3
x6
Complete 6 same parts
x6
Complete 6 same parts
F11
F5
2

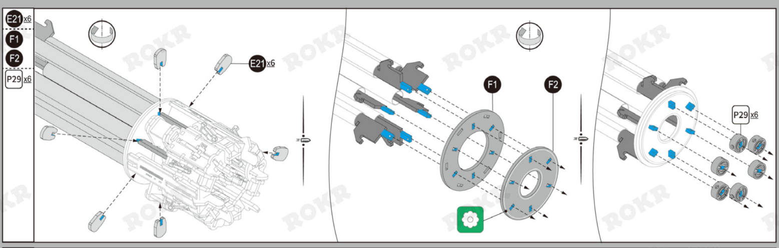

E17 x6
F10 x3
E17 x6
F10 x3
2
1

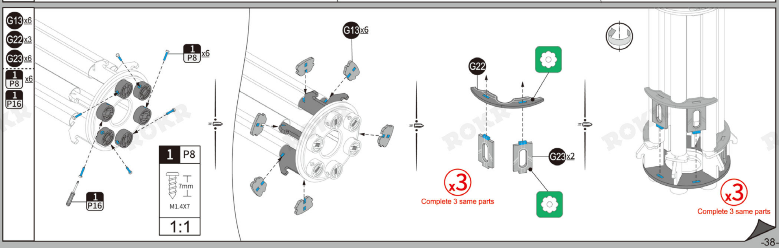

E2 x3
E18 x3
F6
E18 x3
Note that there is a gap.
1
2
F6
E2 x3

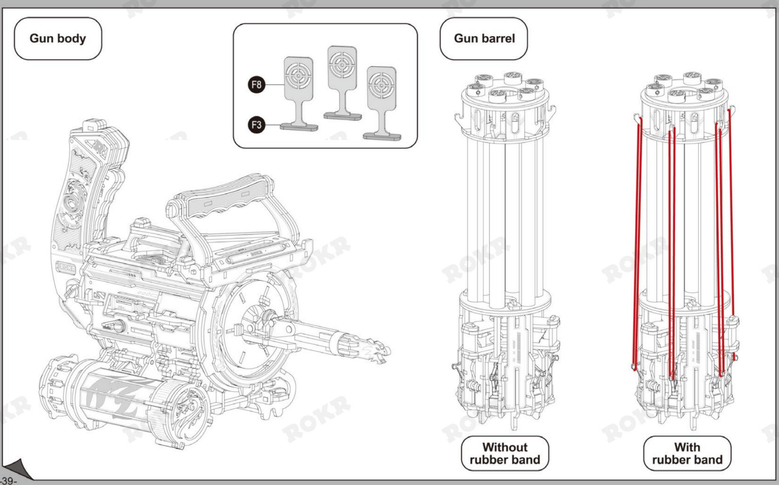

E3 x3
E19 x3
F7
E19 x3
E3 x3
F7


E2 x3
E3 x3
G19
G21
E3 x3
G19
G21
E2 x3

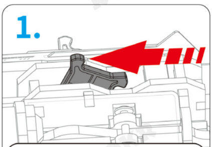

E20 x6
P32 x6
P32 x6
E20 x6


E21 x6
F1
F2
P29 x6
E21 x6
F1
F2
P29 x6

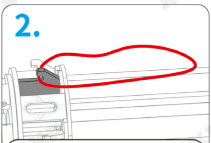

G13 x6
G22 x3
G23 x6
1 P8 x6
1 P16
1 P8 x6
1 P8
M1.4X7
7mm
1:1
1 P16
G13 x6
G22
G23 x2
x3
Complete 3 same parts
x3
Complete 3 same parts


Gun body
F8
F3
Gun barrel
Without rubber band
With rubber band

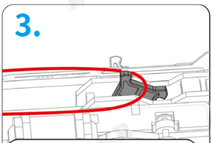
How to assemble rubber bands on the gun barrel?



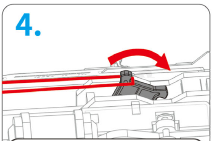
Preparation: Push the **cross chuck** to the left to the end.



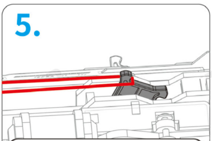
Place **one end of the rubber band** into the **sight slot** on the front of the barrel.



Place **the other end of the rubber band** into the **cross chuck.**

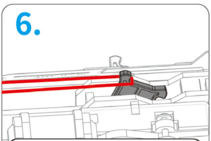


Turn the **cross chuck** 90° backwards until a **'click'** can be heard.



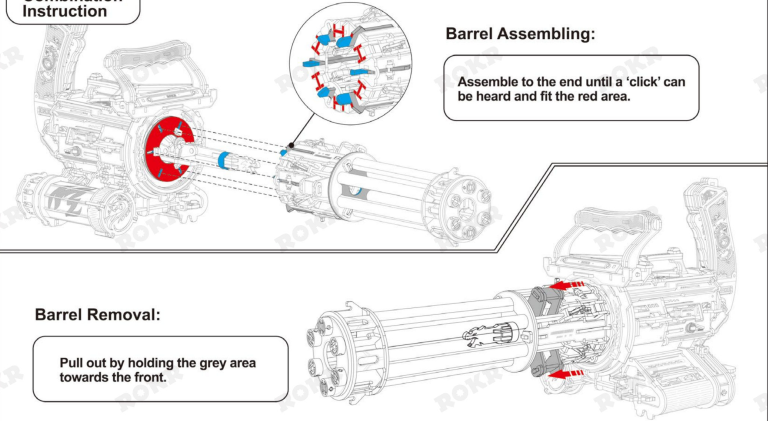
Follow steps 1-4 to assemble rubber bands normally

(No more than 6 rubber bands are allowed).



For the last rubber band, there is no need to turn the cross **chuck back.**

Combination Instruction

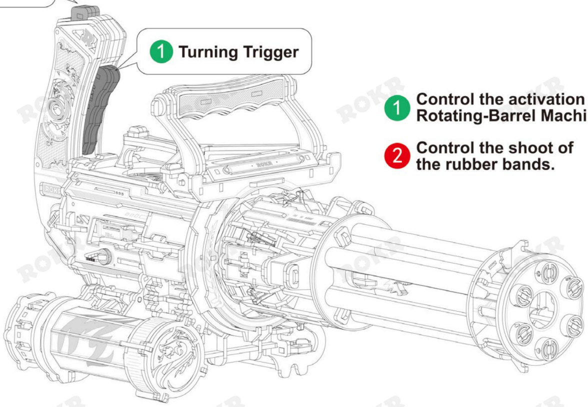


Barrel Assembling:

Assemble to the end until a 'click' can be heard and fit the red area.

Barrel Removal:

Pull out by holding the grey area towards the front.


② Firing Trigger
① Turning Trigger

① Control the activation of Rotating-Barrel Machine Gun

② Control the shoot of the rubber bands.

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