

INDUSTRIAL CITY

ROKR

CGL01 Da Vinci Helicopter



ASSEMBLY INSTRUCTION

DA VINCI HELICOPTER

WARNING:

- This product is powered by USB connection and does not contain Type-C power cable, which must be provided by yourself(Input: 5V $\equiv$ 1A).
- Not suitable for children under 3 years old.
- The product shall only be used with a transformer for product or a power supply for it.
- The product shall be used with the power supply supplied, if the transformer is supplied with the product.
- The transformer or power supply is not a toy or model.
- Misuse of transformer can cause electrical shock.
- 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 output socket.
- The product is not to be connected to more than the recommended number of power supplies.
- The product contains motor, motor may be a hot component. Do not touch it to avoid burns while operating.
- This product is only to be connected to equipment bearing either of the following symbols:  or .
- This product does not need liquid cleaning, and please clean the product with clean soft cloth.
- This product contains functional edges and points that are sharp and hazardous. To prevent puncture injuries, adult supervision is required.
- The instruction must be retained since it contains important information.

NOTICE:

- Children should be accompanied by adults while assembling.
- 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.
- Please read the instructions carefully before assembly to confirm that the parts are not damaged or missing.
- Take off the pieces from the board according to each step before assembling and place them properly in case of missing.
- 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 burr lightly with sandpaper.
- Please keep the product away from substances flammable and humid environments to prevent damage.

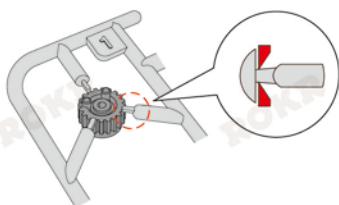


Product Display

Instructions of using the nipper pliers



When cutting, make sure the nipper pliers fit tightly to the parts.



Cut leftover cutting points



Icon Illustration



Part P20 in Bag No. 3



Special attention in assembly



Perspective changed



Cut leftover cutting points



Assembly tips



Step 1

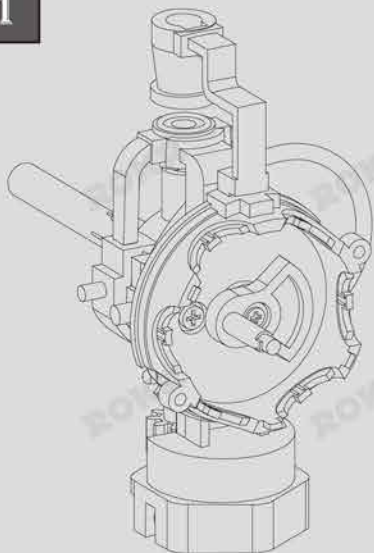


Step 2

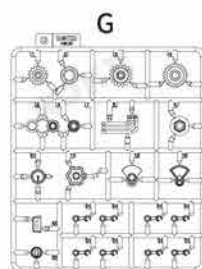
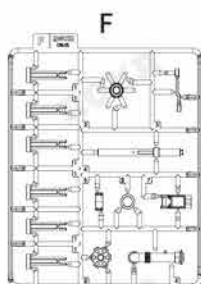
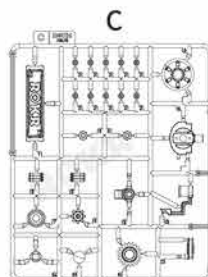
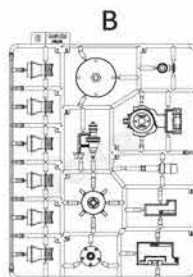
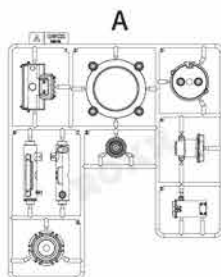


Complete 2 same parts

1



Completion



M4

M5



2

1

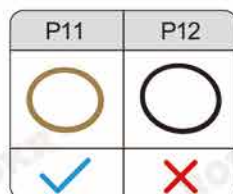
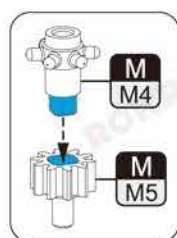
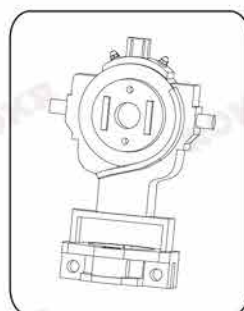
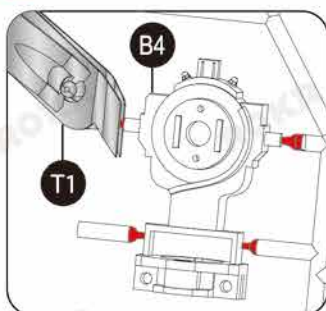
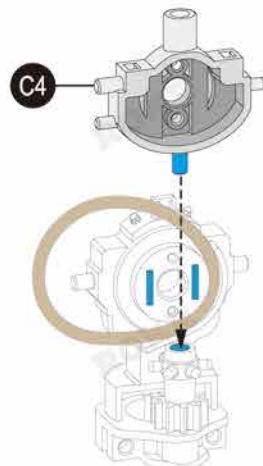
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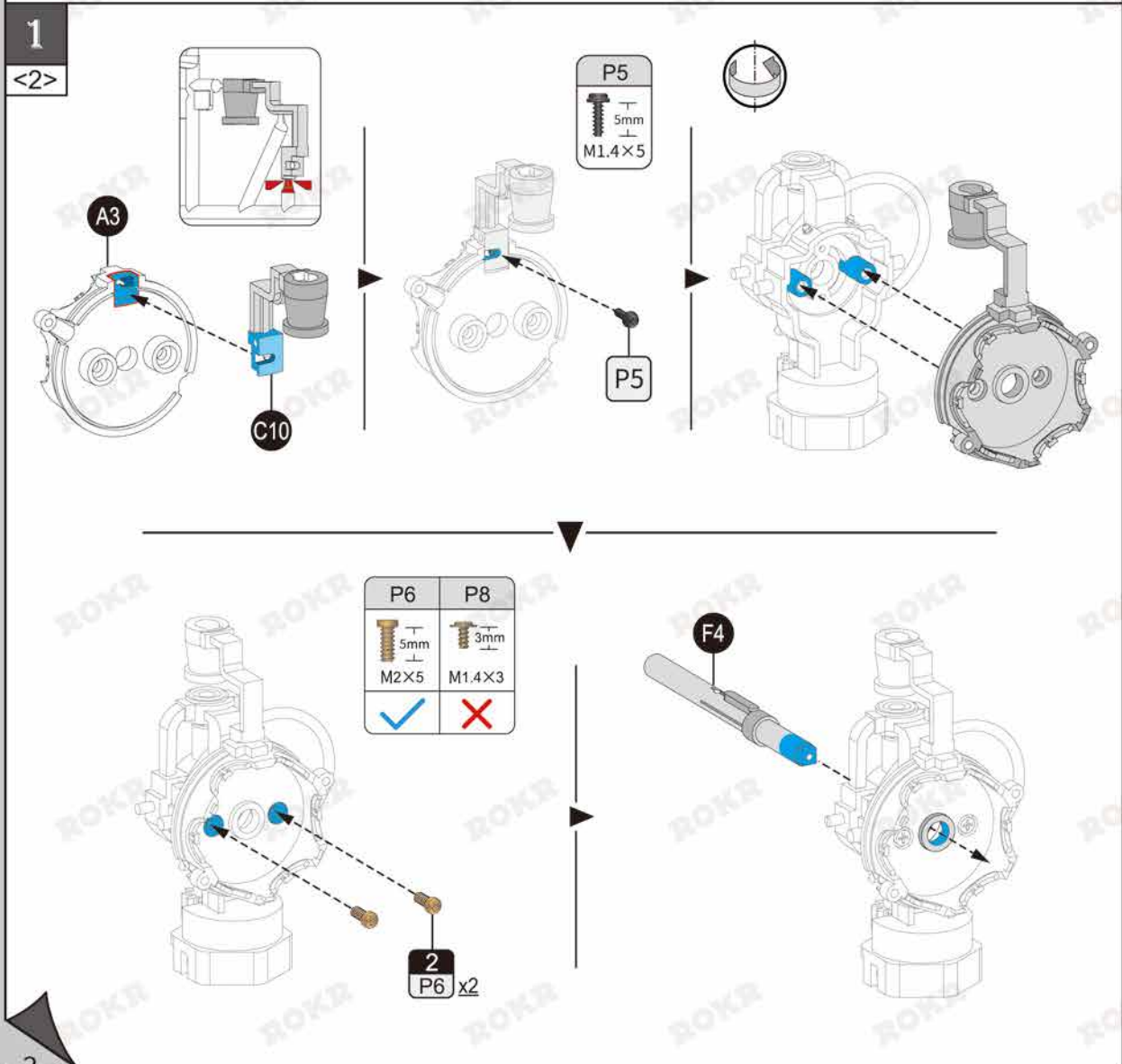
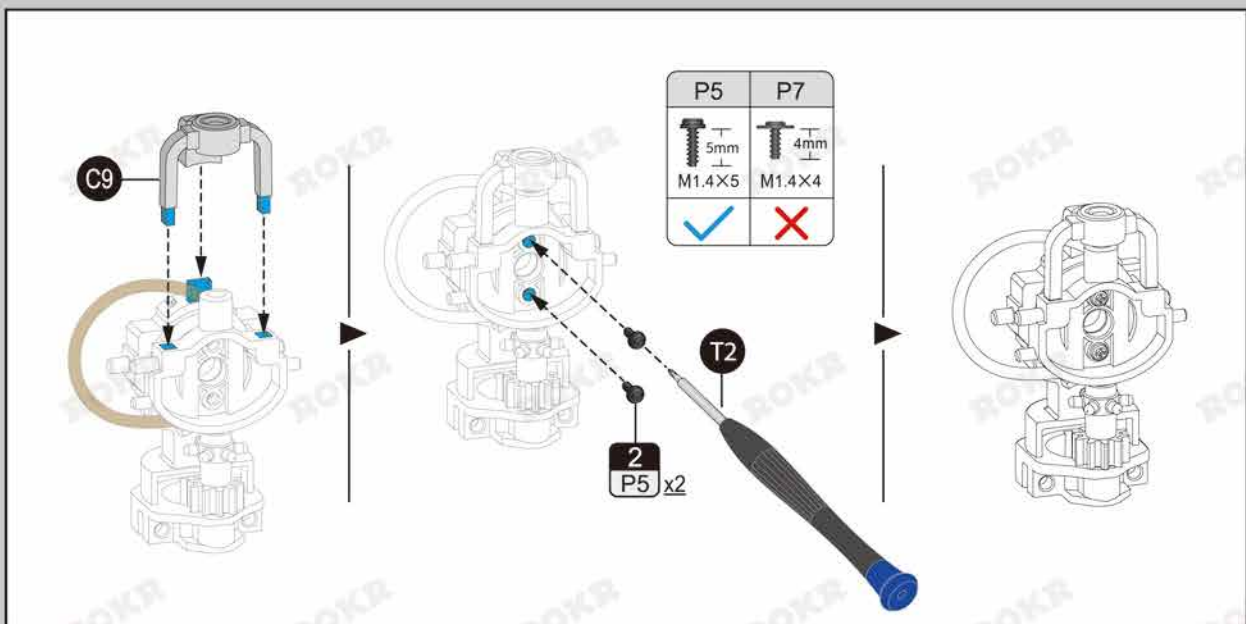


When cutting, make sure the nipper pliers fit tightly to the parts.



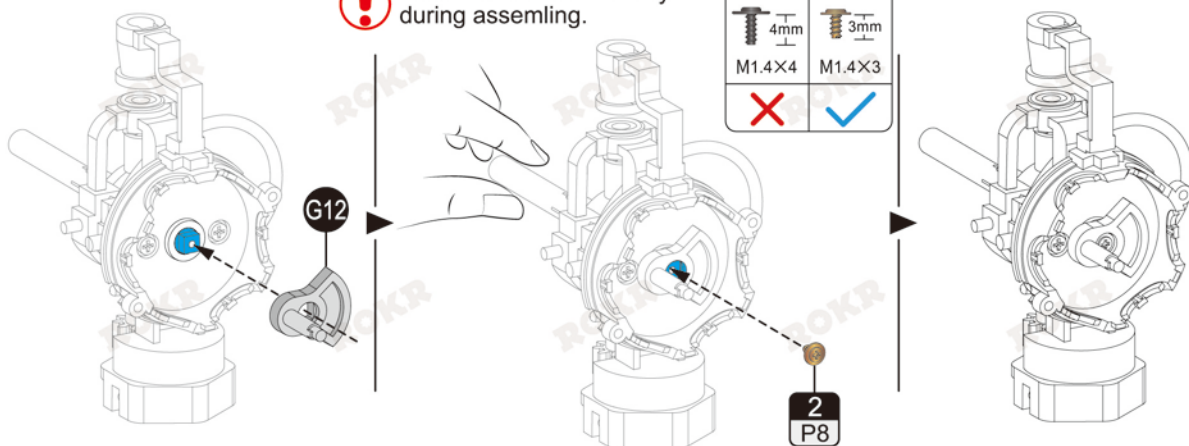
Scan for assembling videos

2
P11

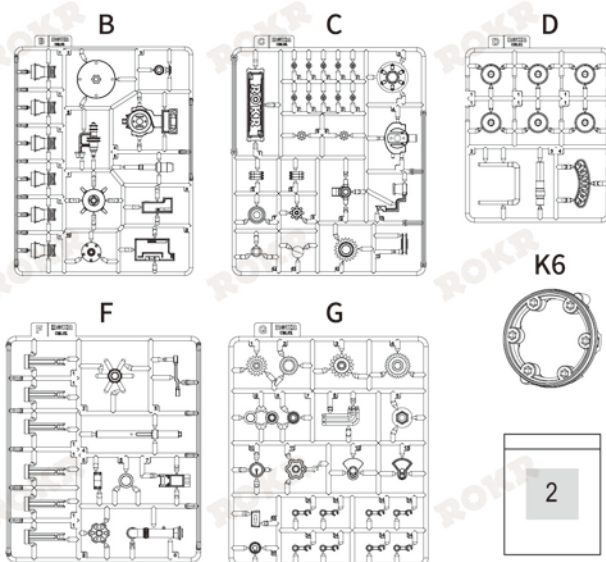
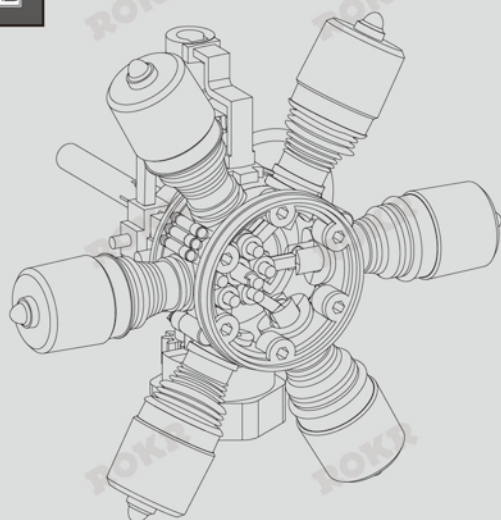


! Hold the main shaft firmly during assembling.

P7	P8
 4mm	 3mm
M1.4X4	M1.4X3
	



2

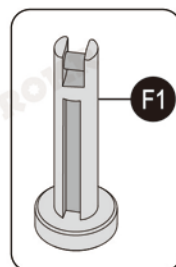
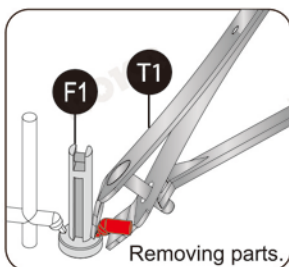


Scan the QR code to watch the video of removing parts



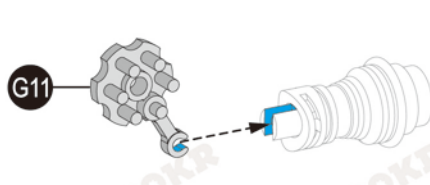
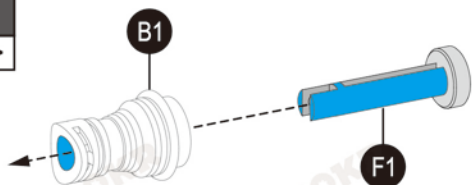
Tips for Removing Parts:

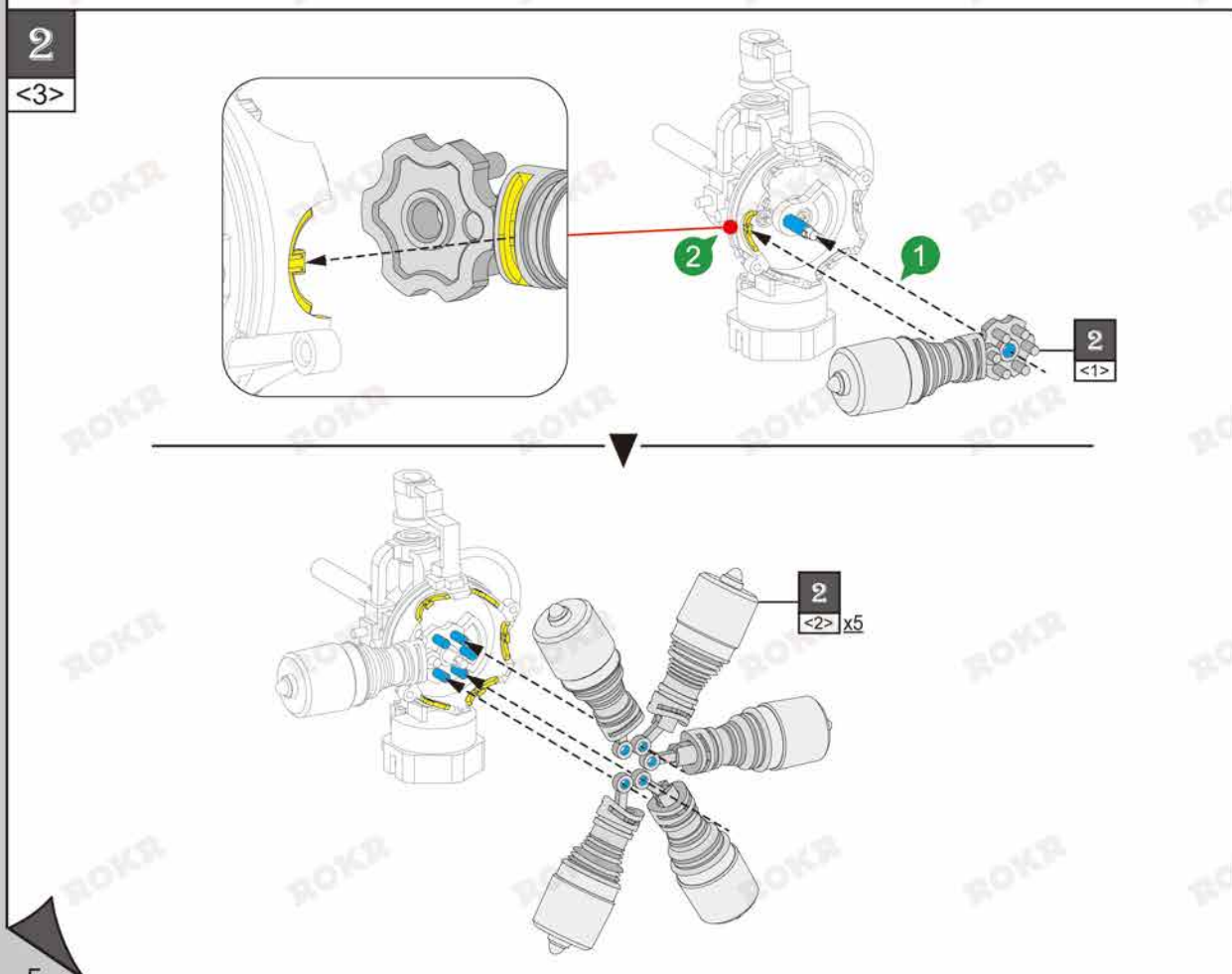
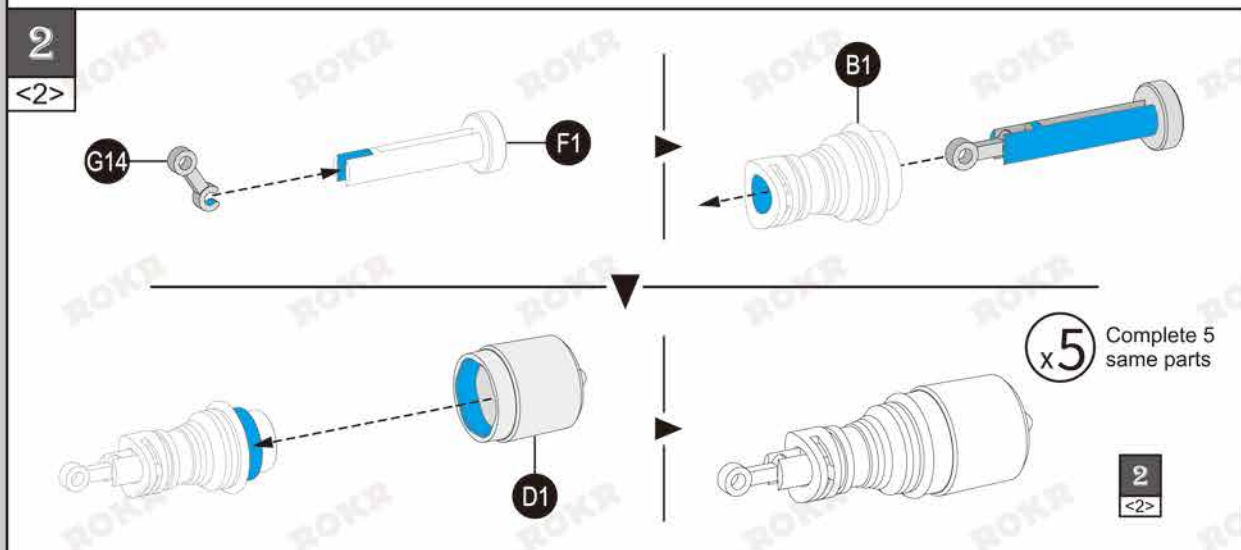
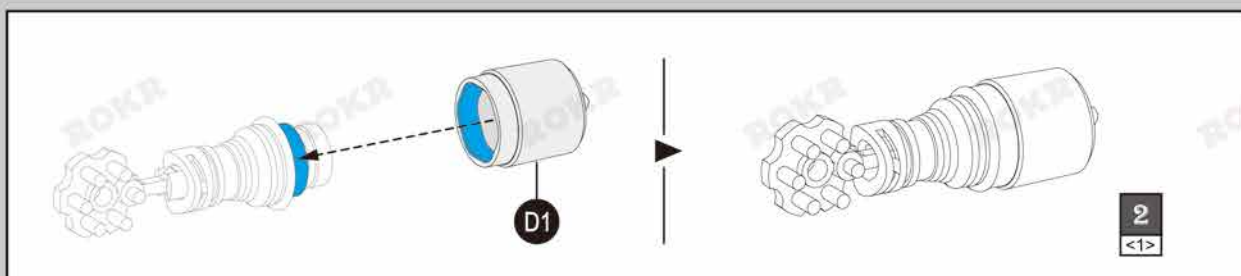
Step 1: Removing parts.
Step 2: Cut leftover cutting points

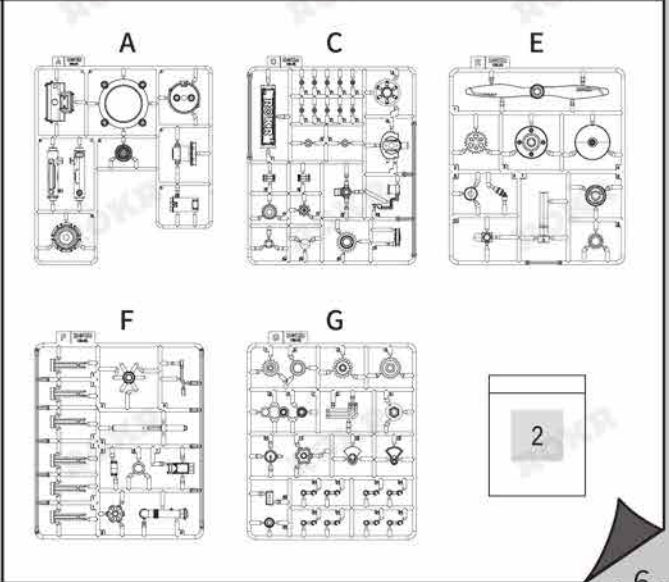
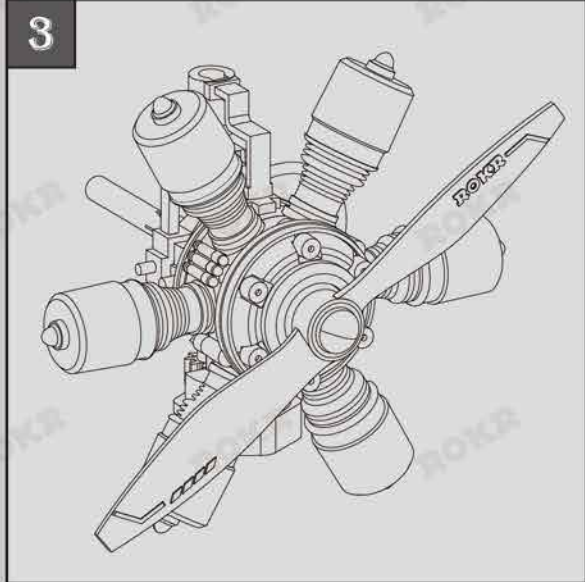
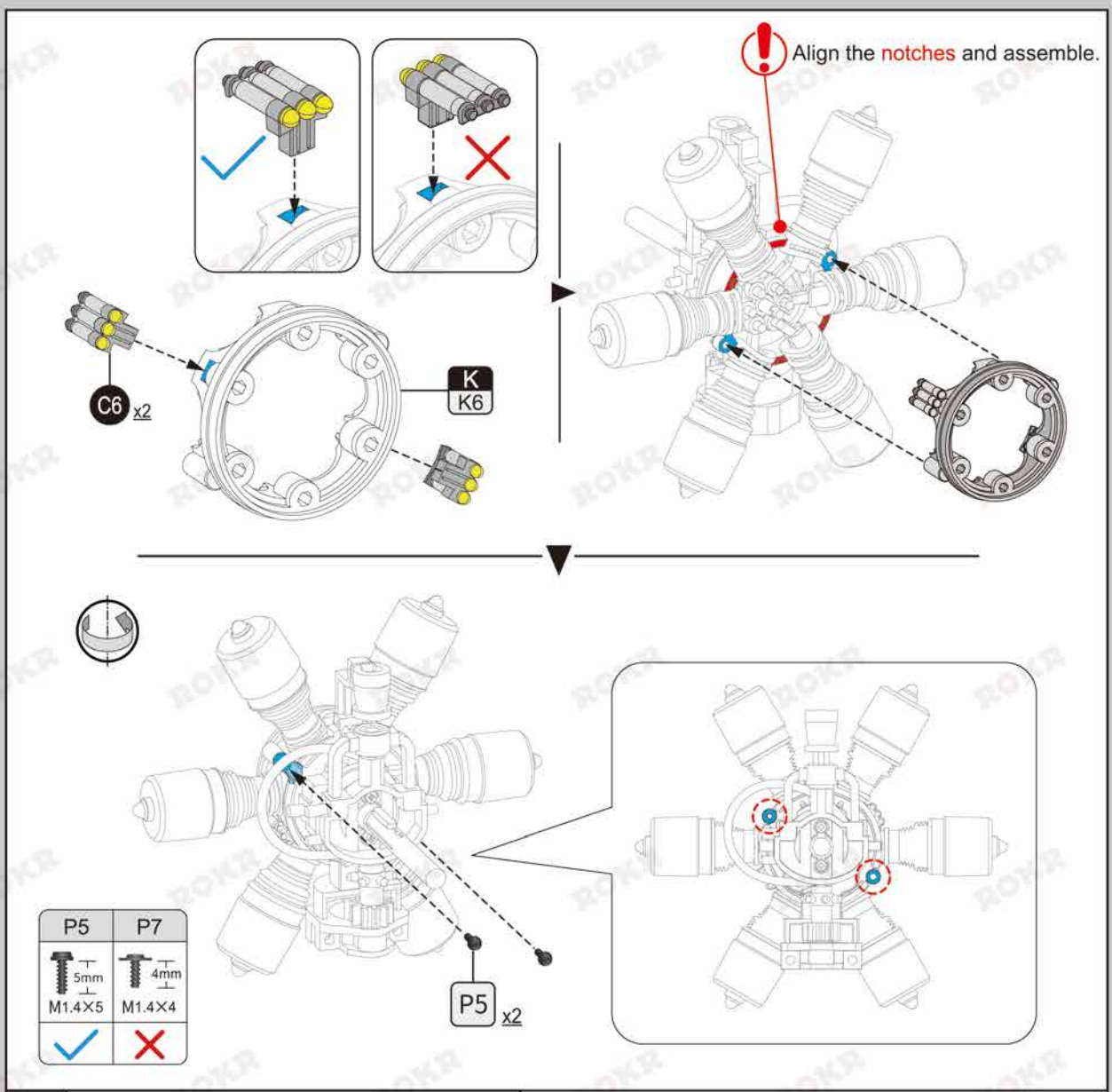


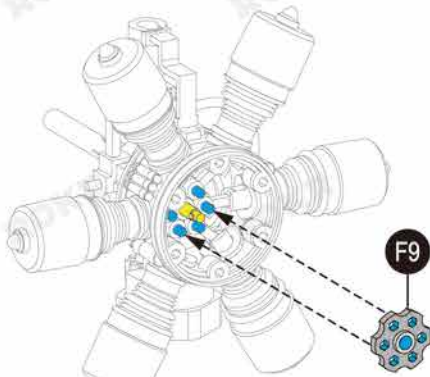
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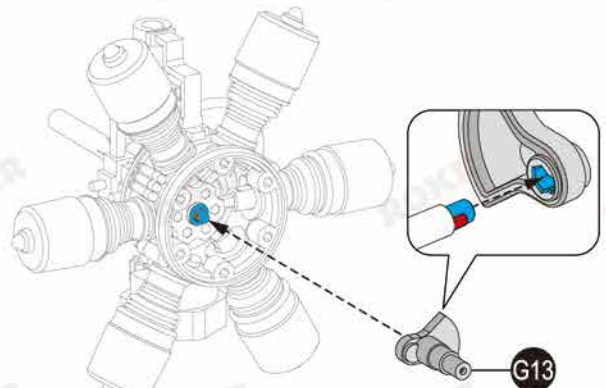
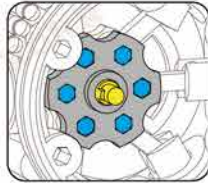




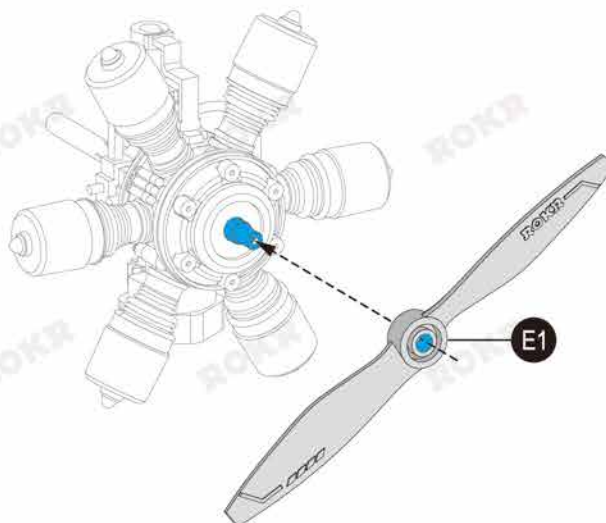
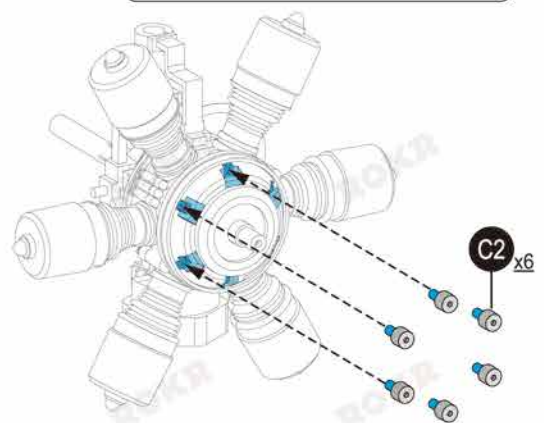
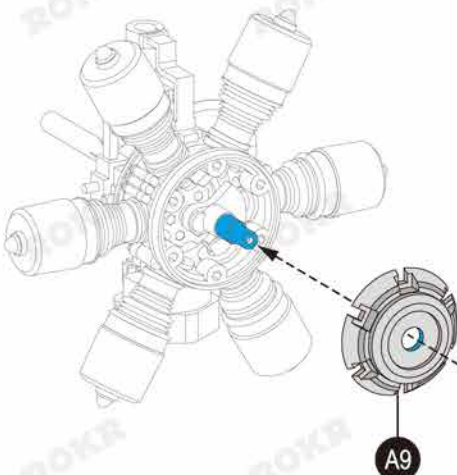
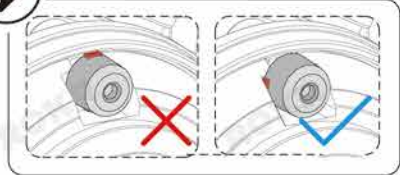




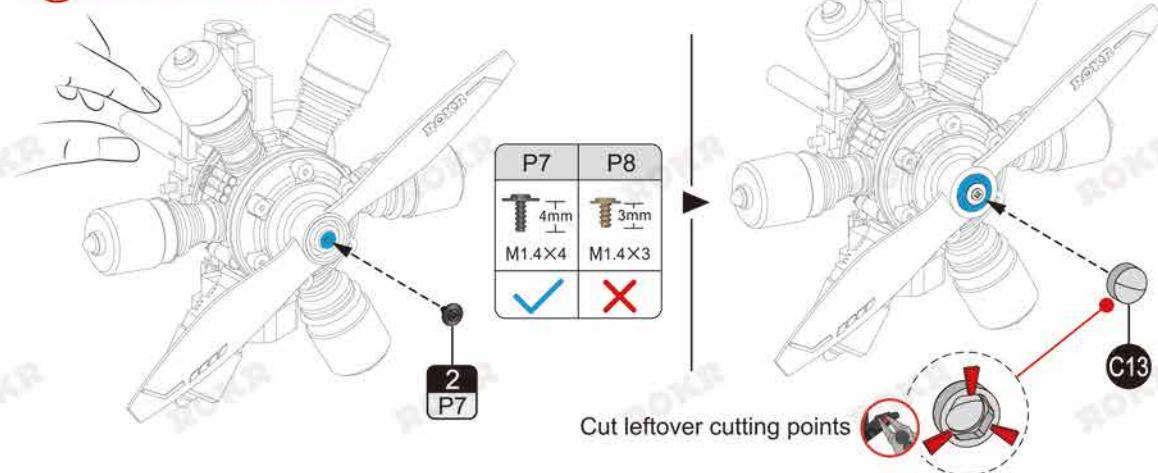
! Press down fully.



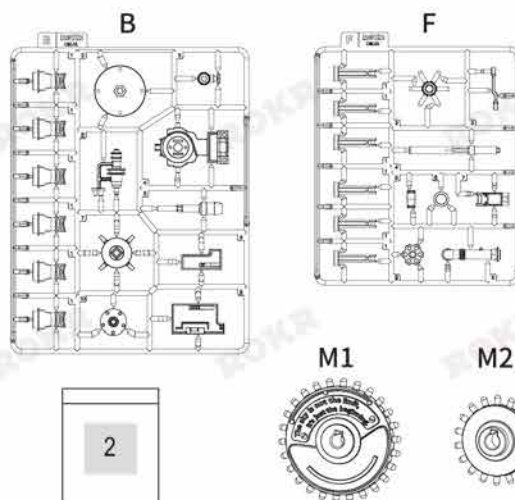
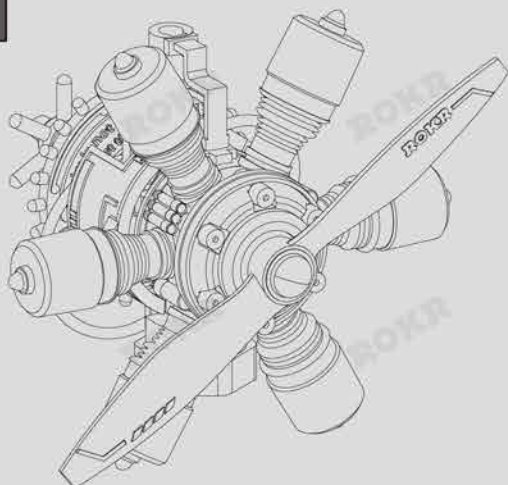
Do not expose the nodes on the front to make the product more beautiful.



 **Hold the main shaft firmly** during assembling.

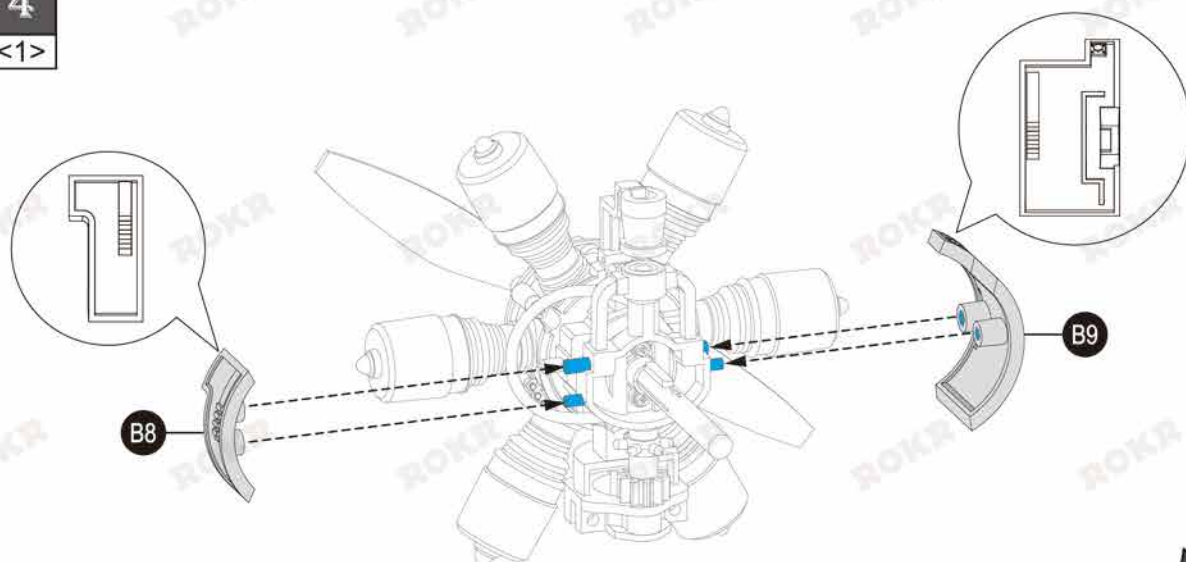


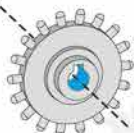
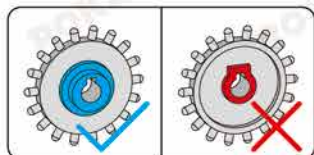
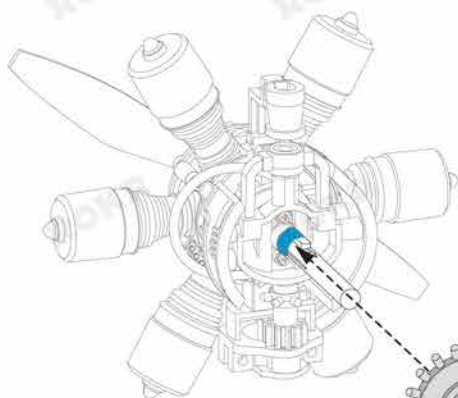
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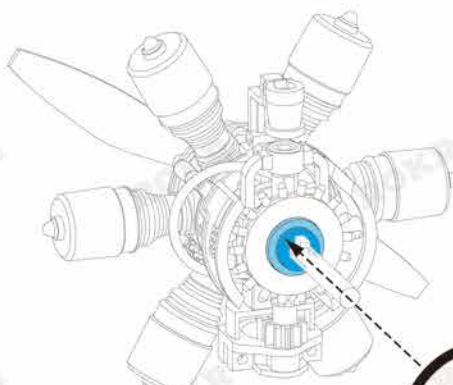
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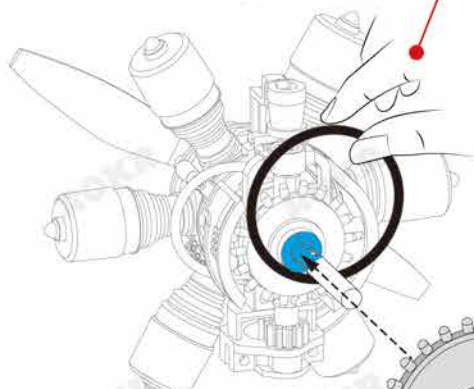
M
M2



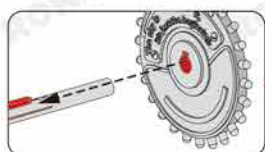
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P12



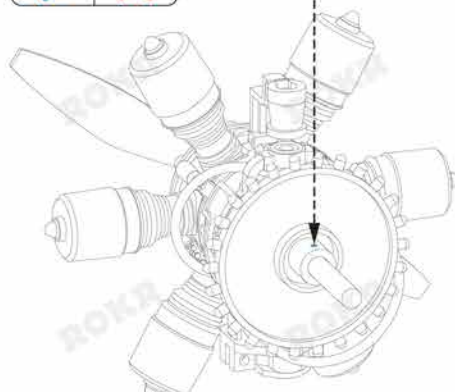
Stretch the belt during assembling to prevent the gears from pressing on the belt.



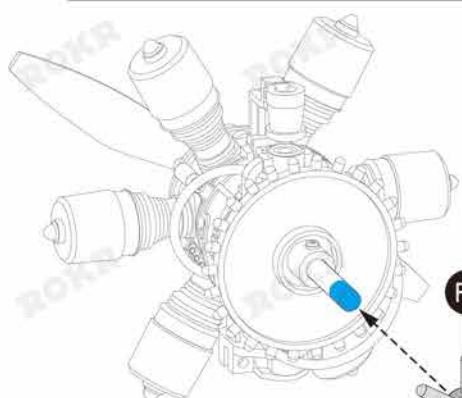
M
M1



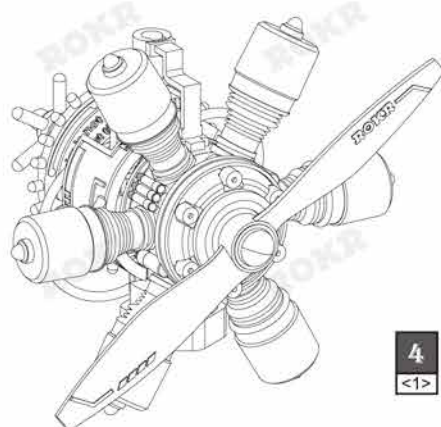
P5	P7
5mm	4mm
M1.4X5	M1.4X4



P5



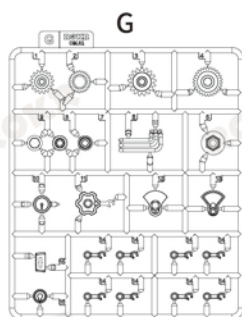
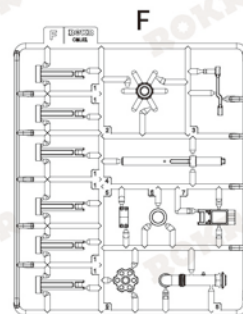
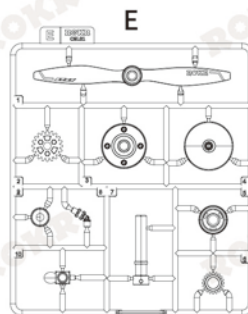
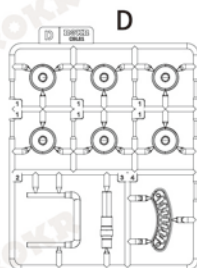
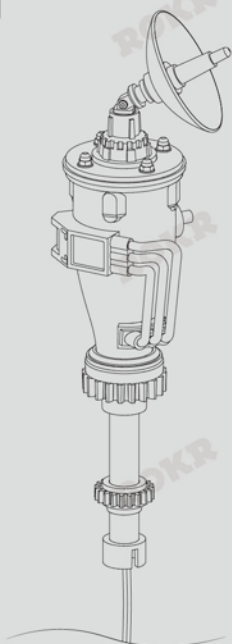
F2



4

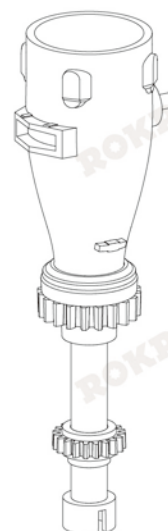
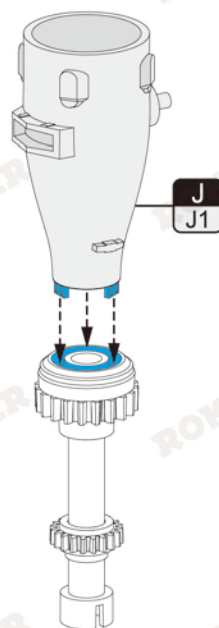
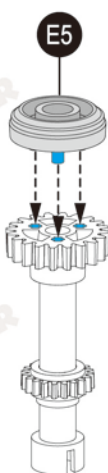
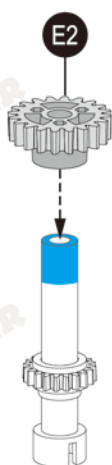
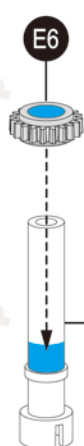
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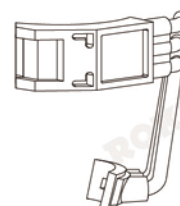
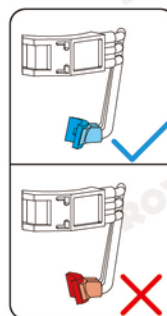
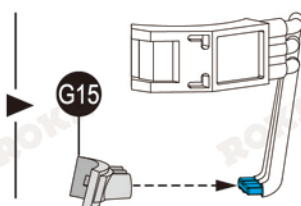
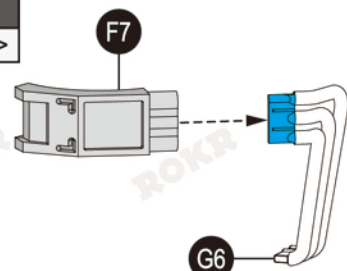
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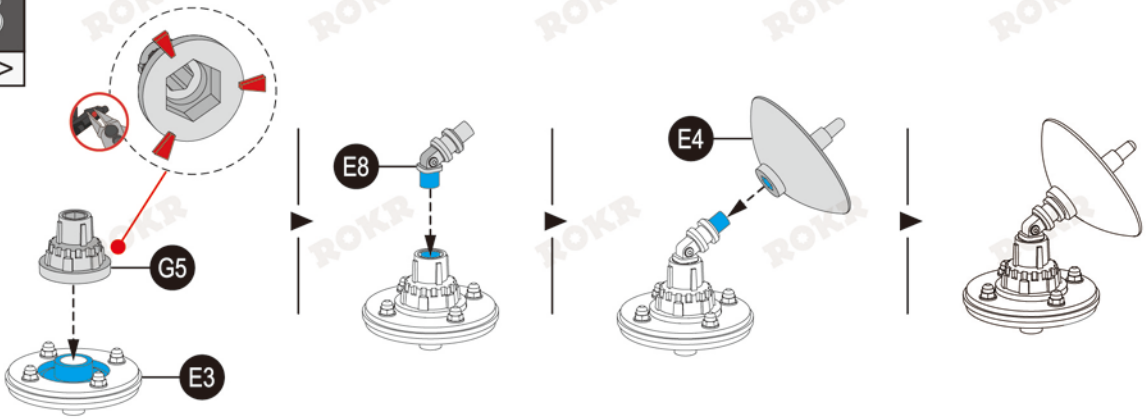
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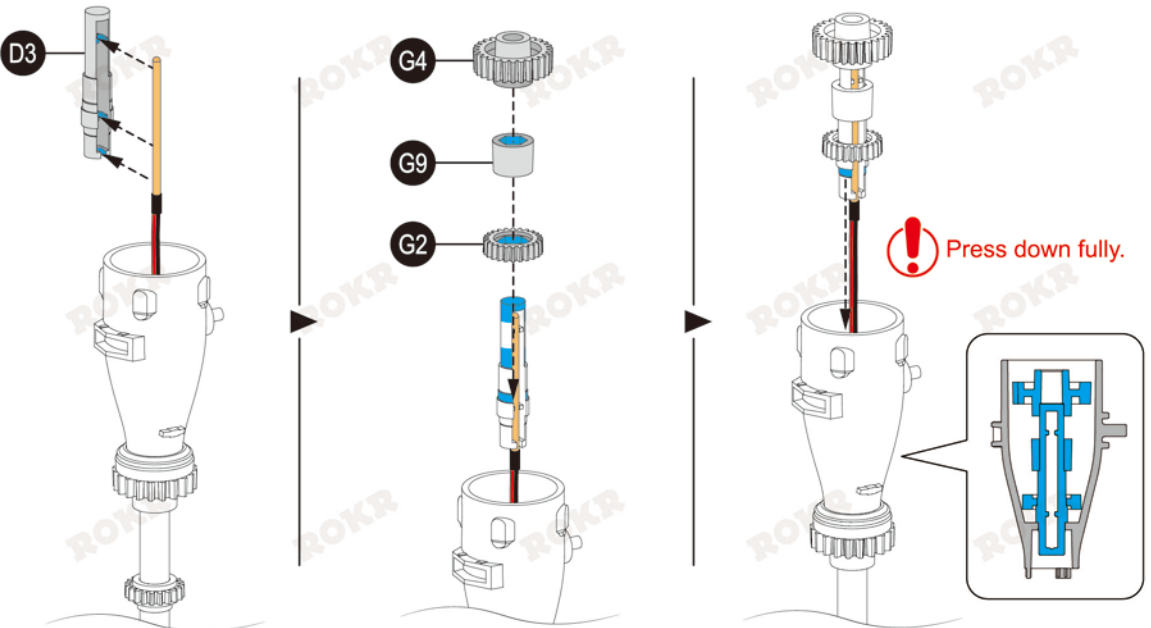
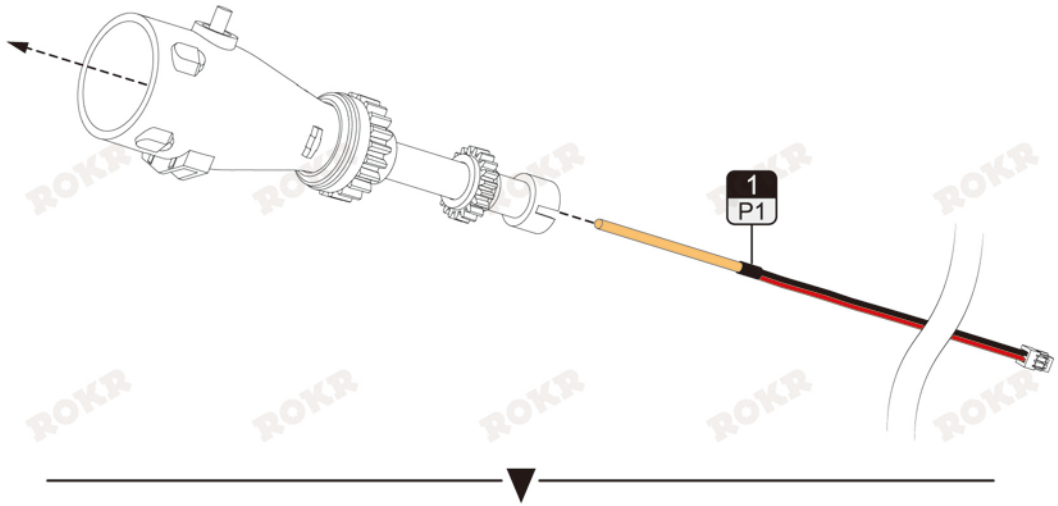
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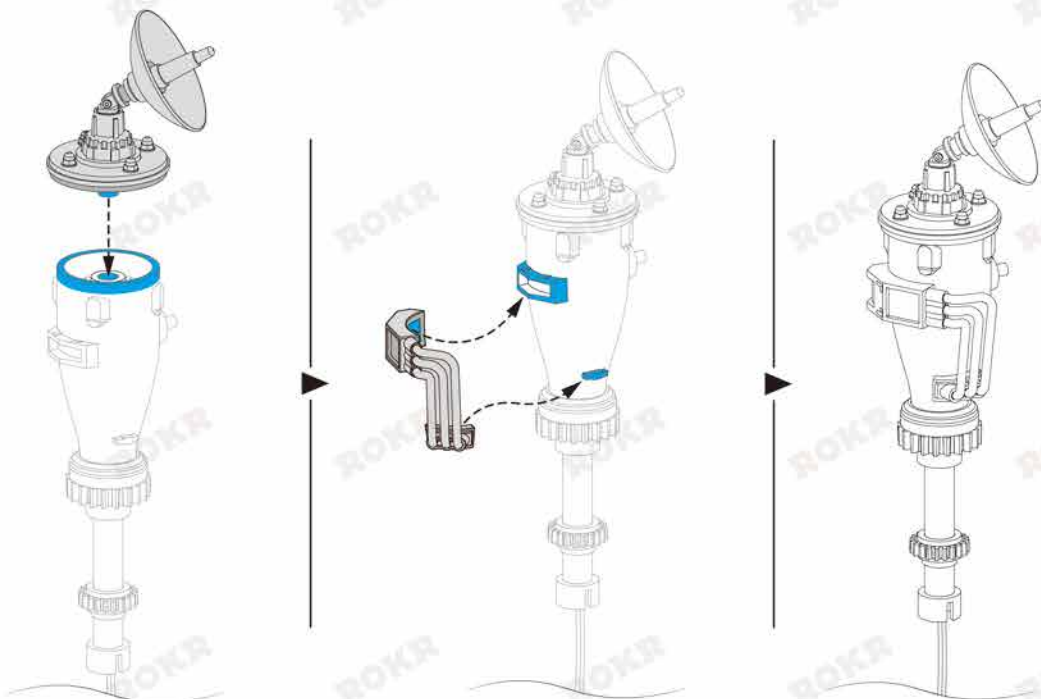
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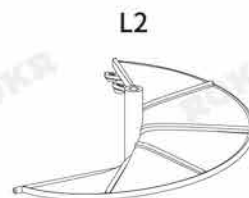
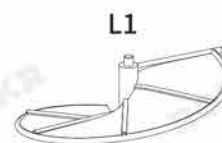
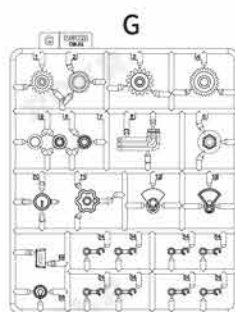
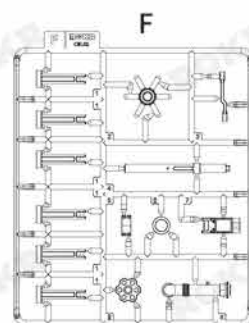
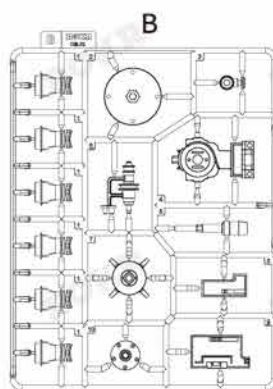
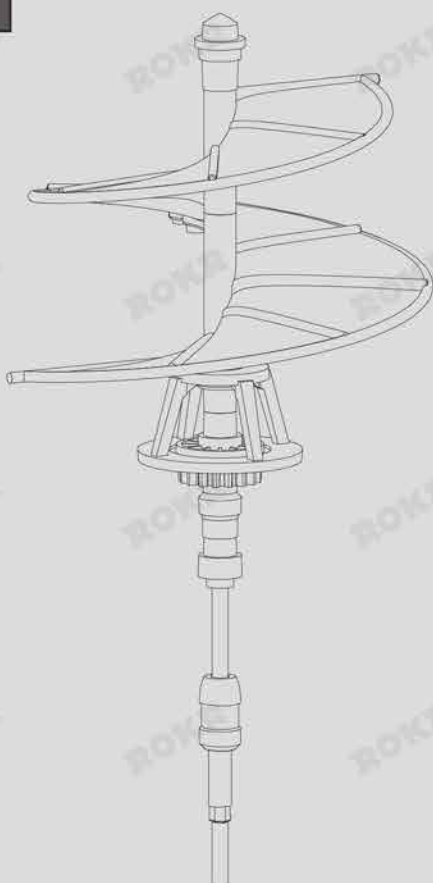




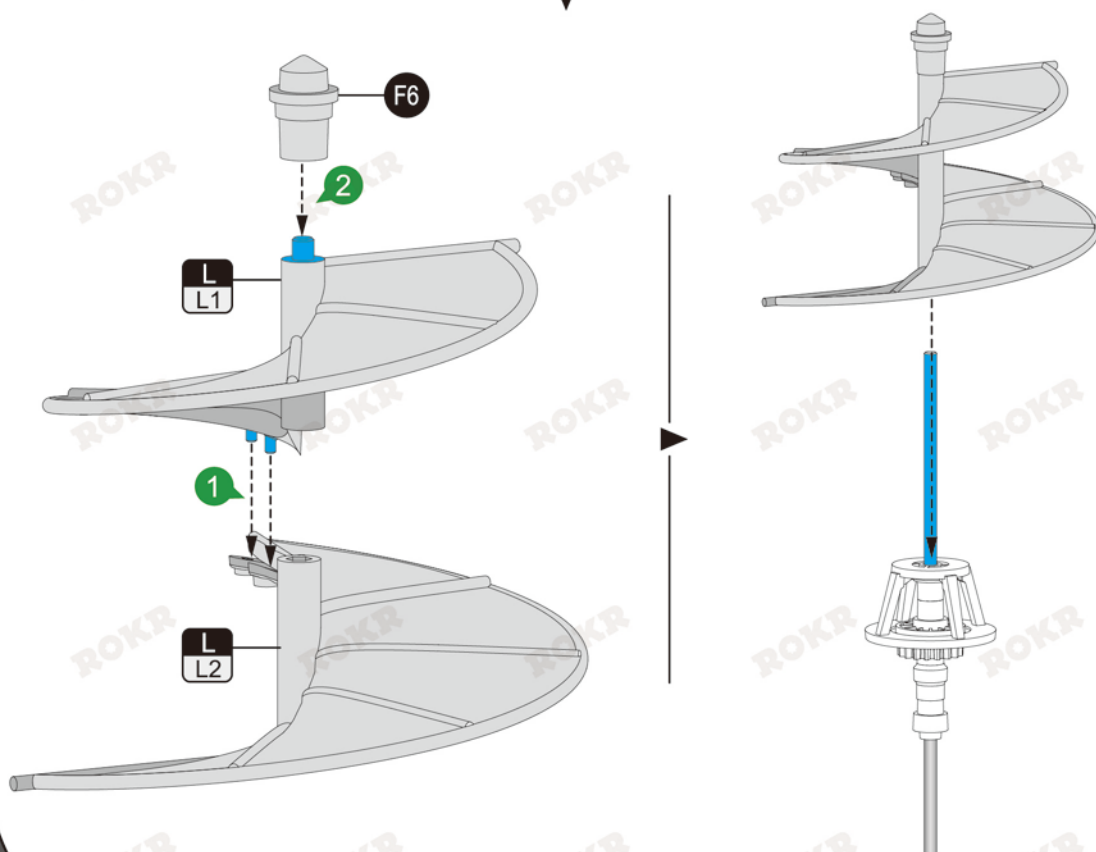
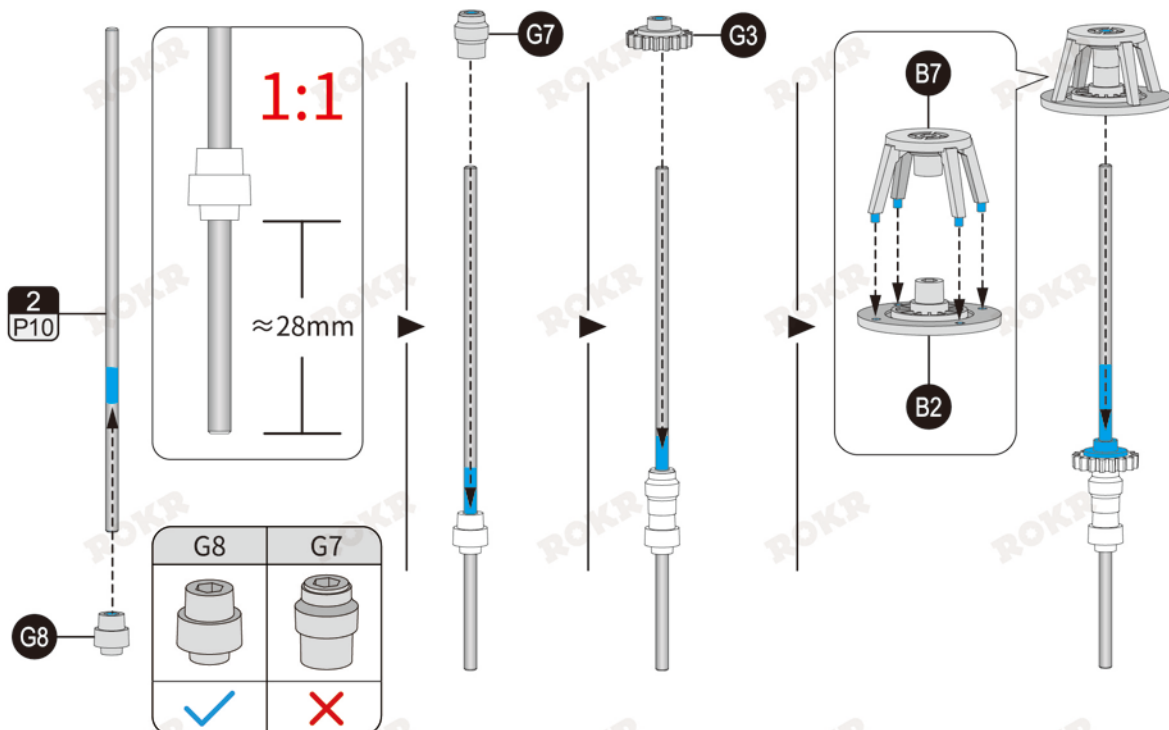
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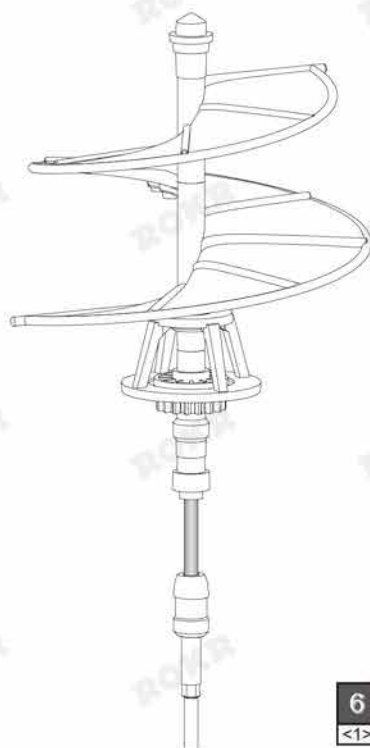
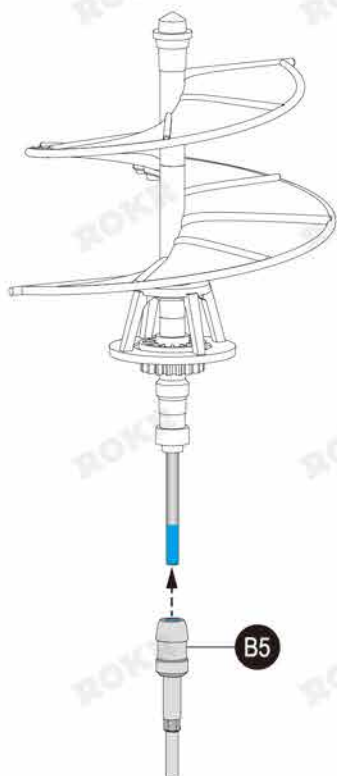
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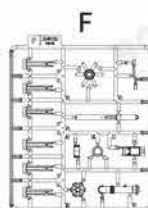
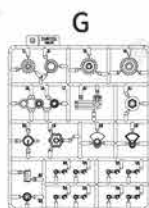
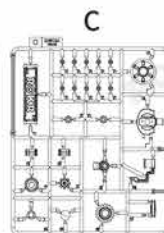
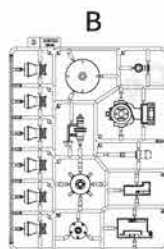
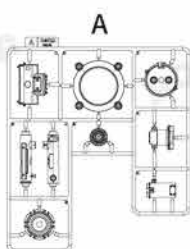
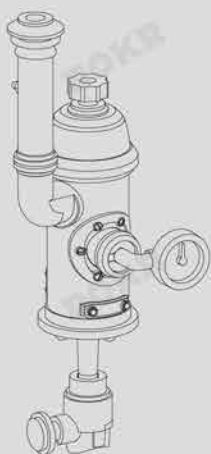
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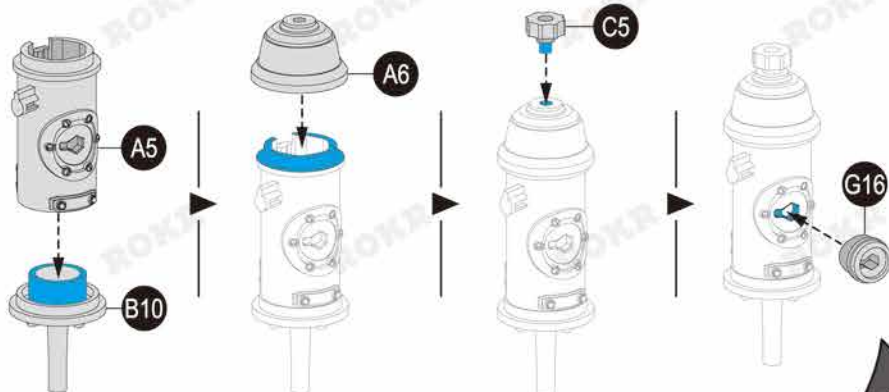
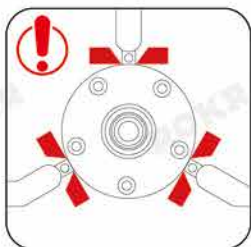
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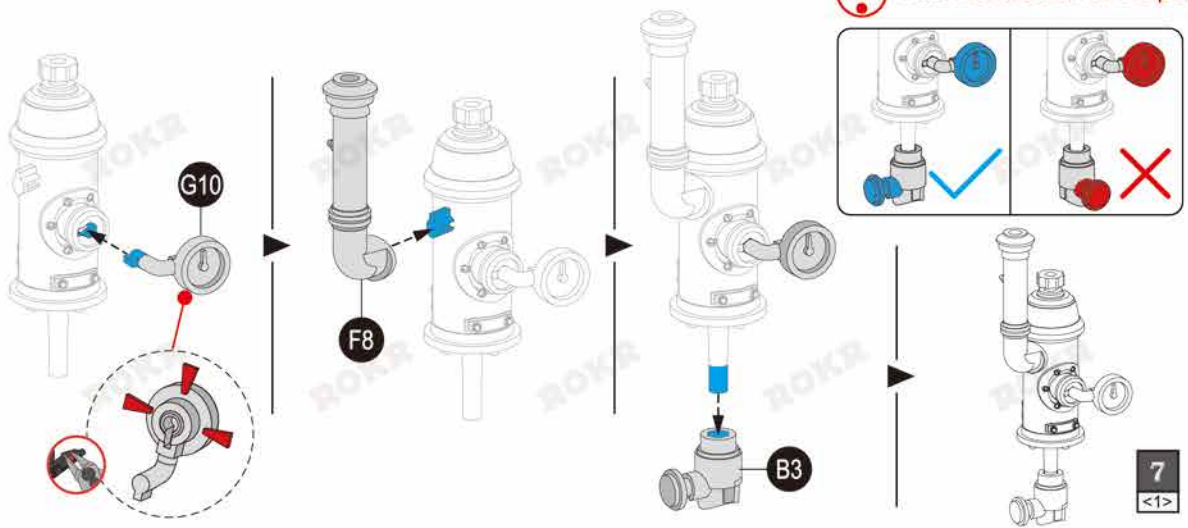


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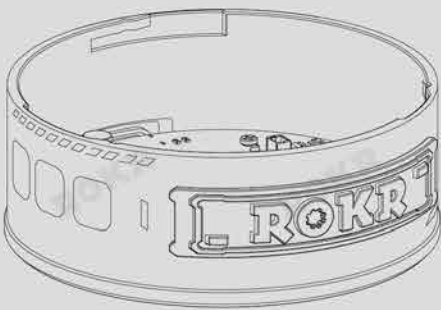
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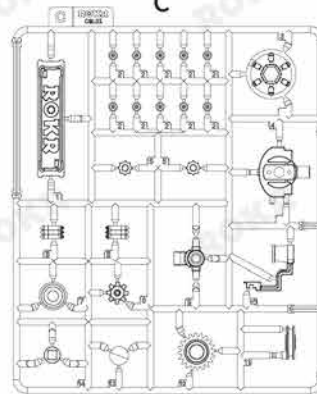
! Note the direction of the part.



8



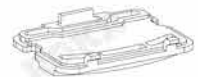
C



H1



K7

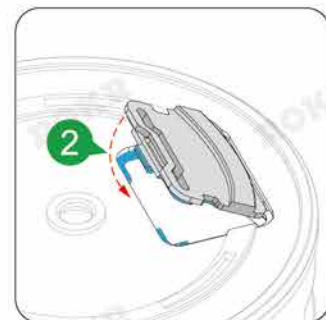
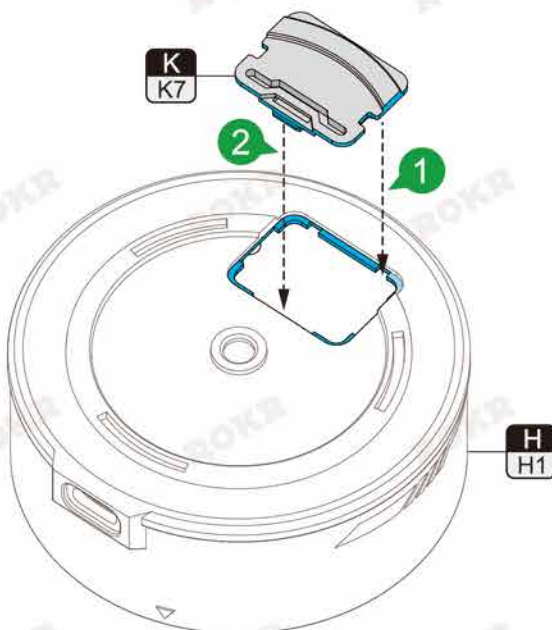


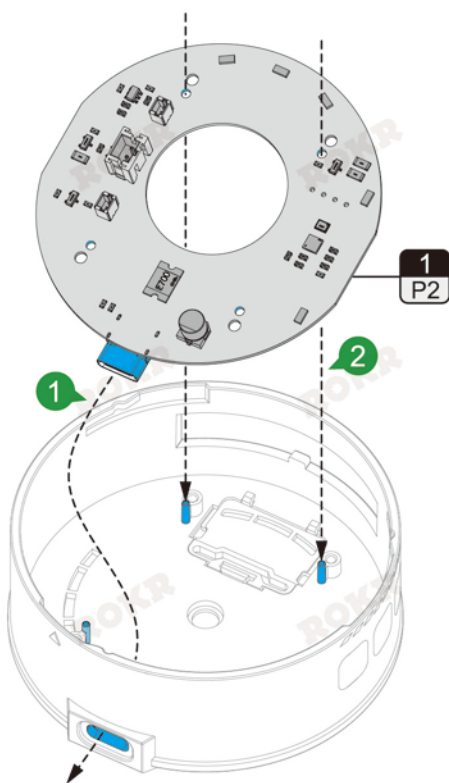
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2

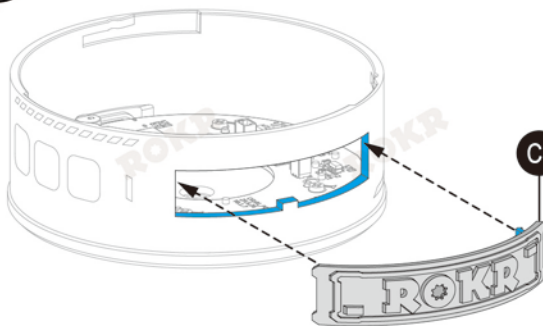
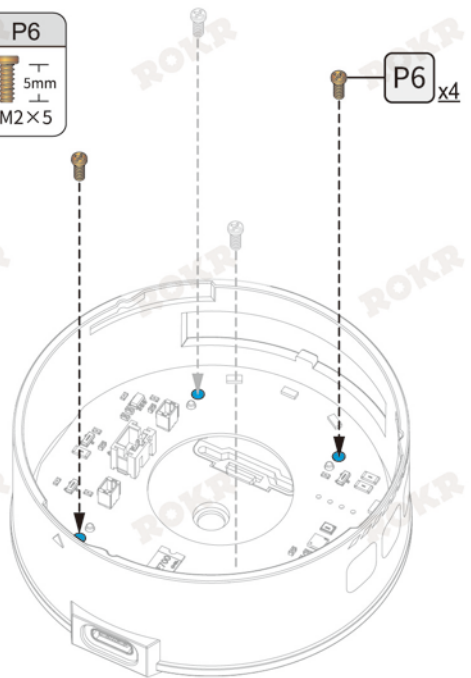
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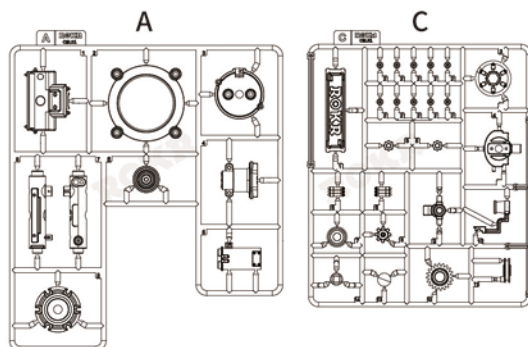
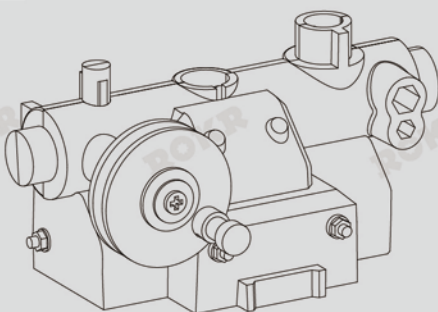


Screw two screws diagonally,
and the other two are spare.



8
<1>

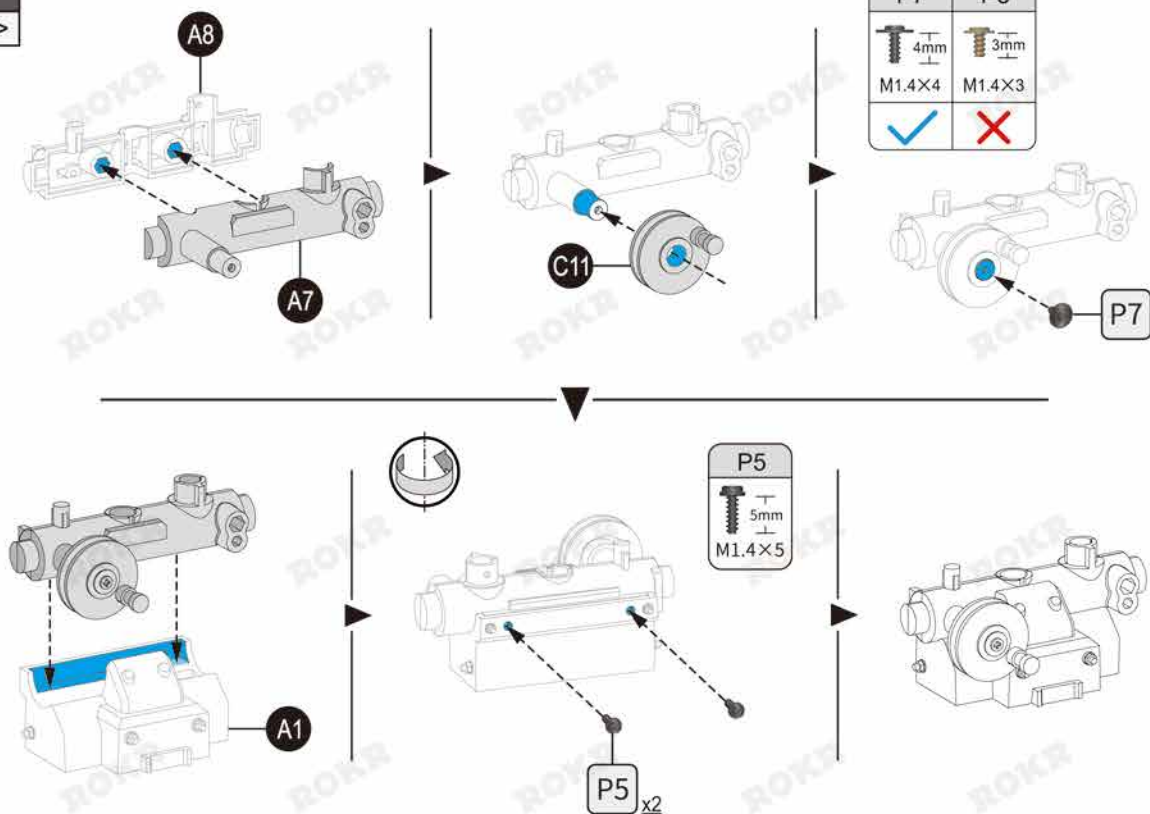
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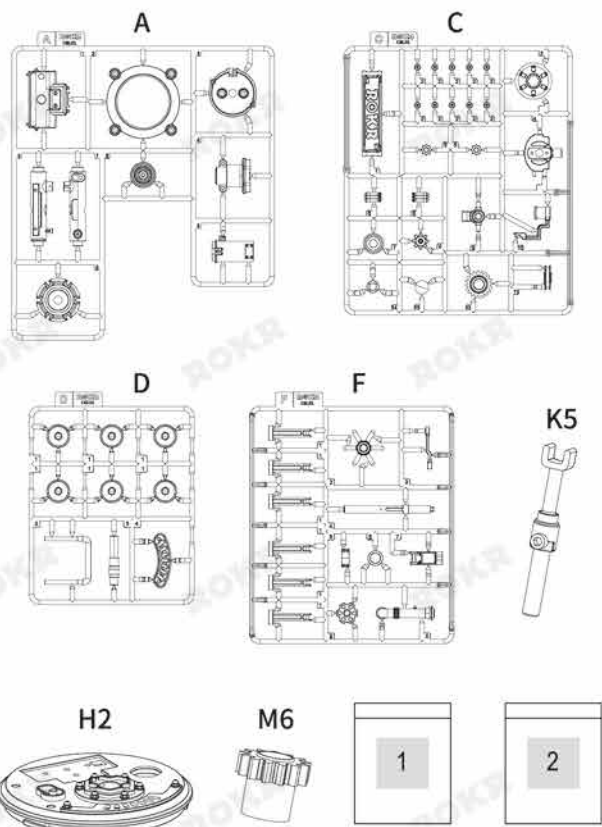
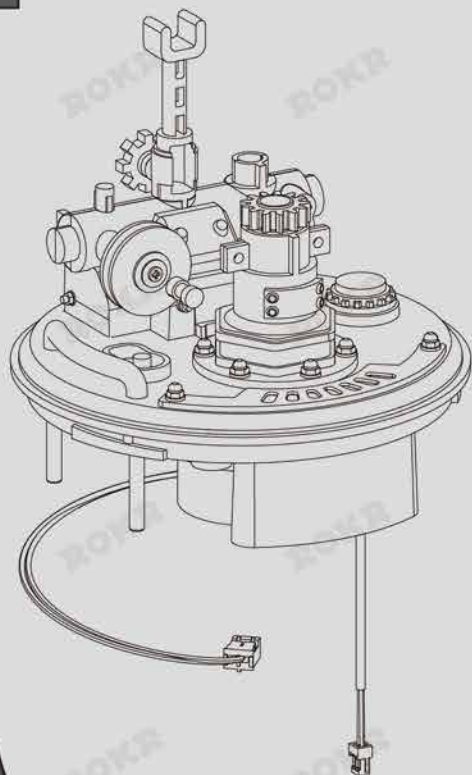
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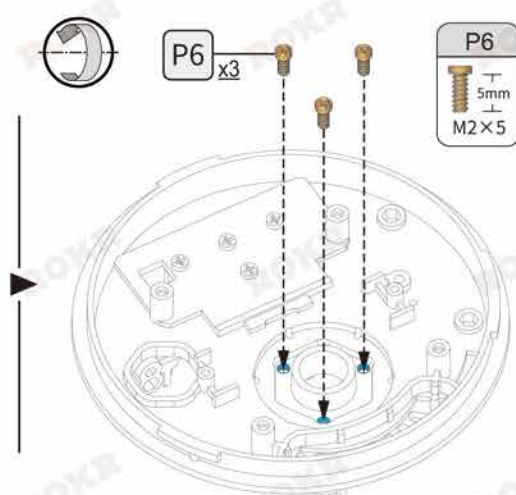
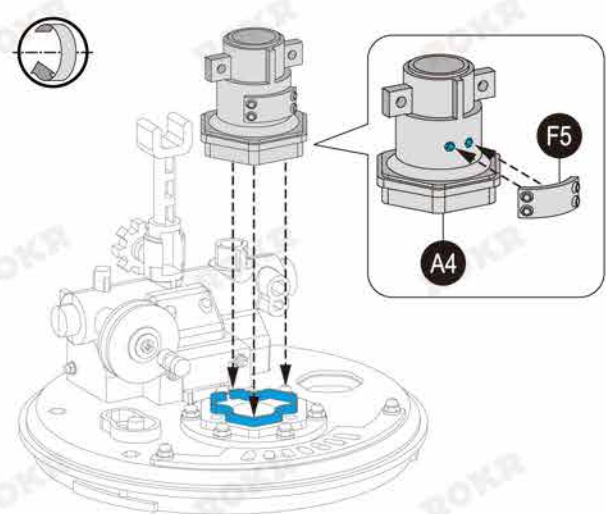
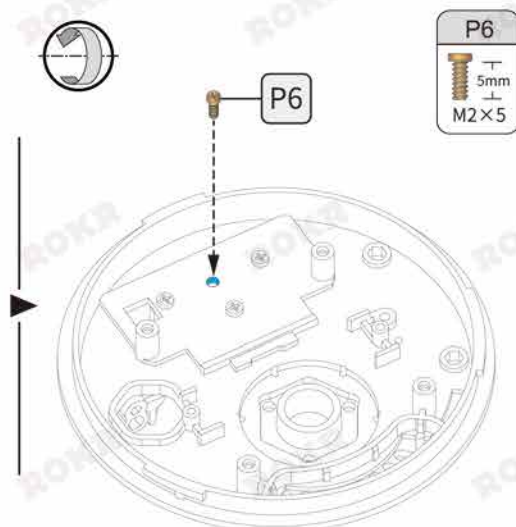
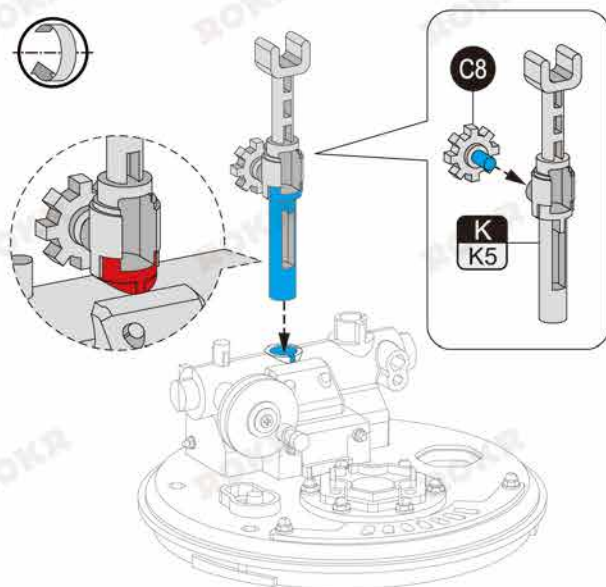
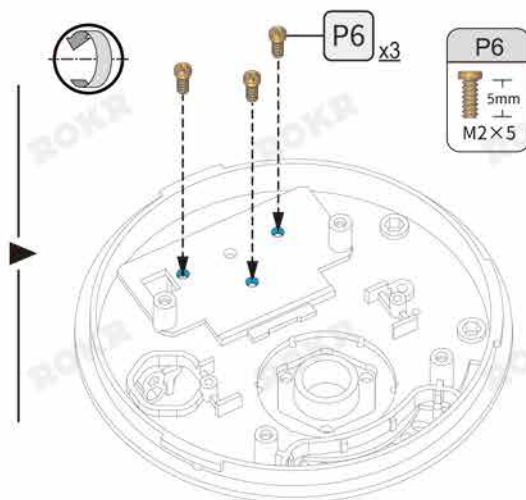
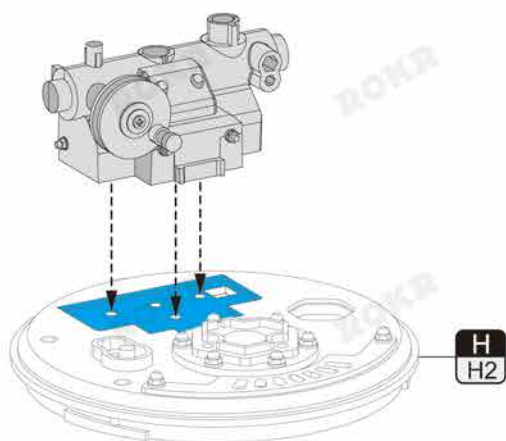


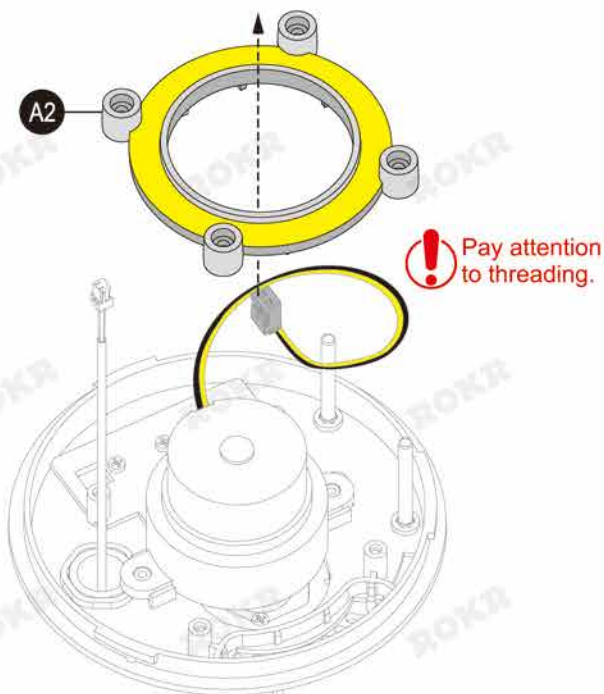
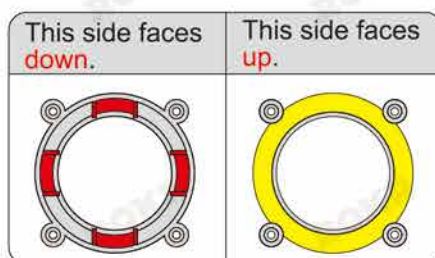
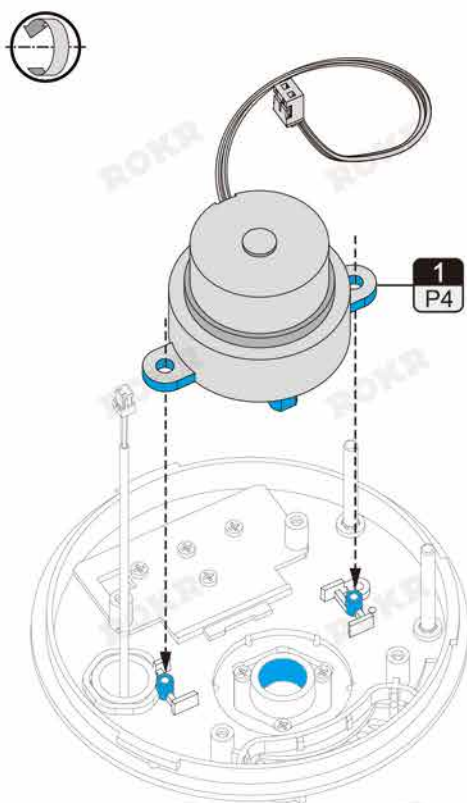
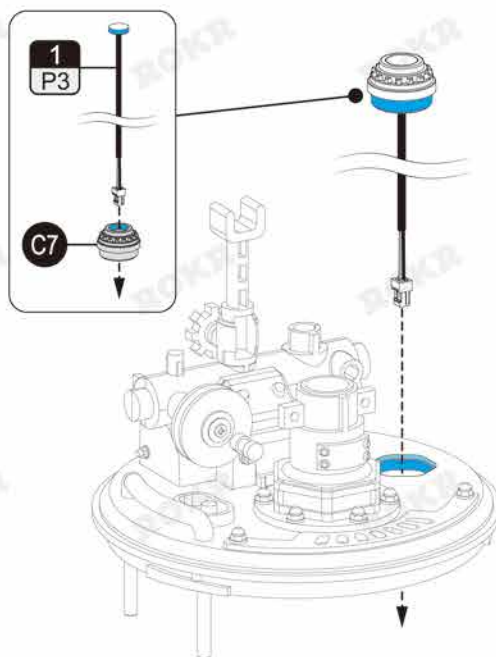
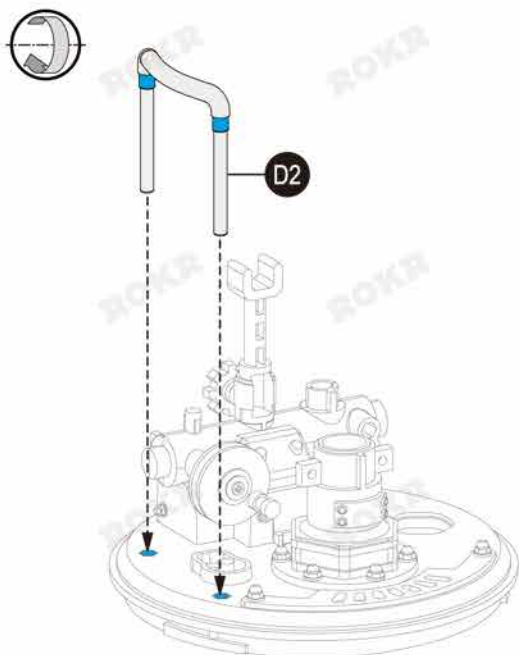
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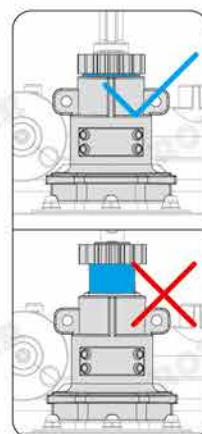
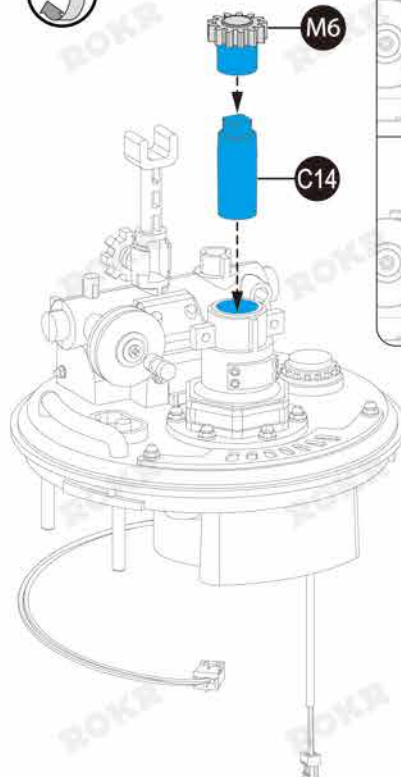
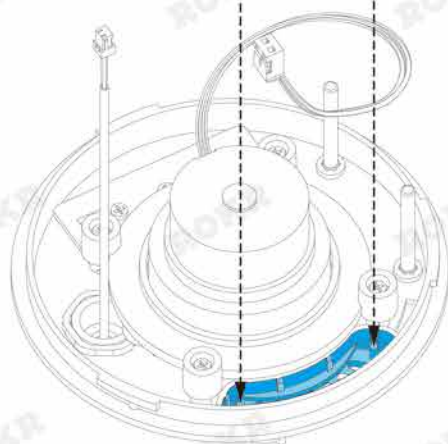
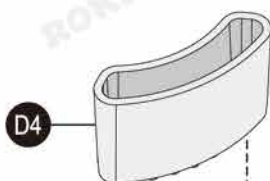
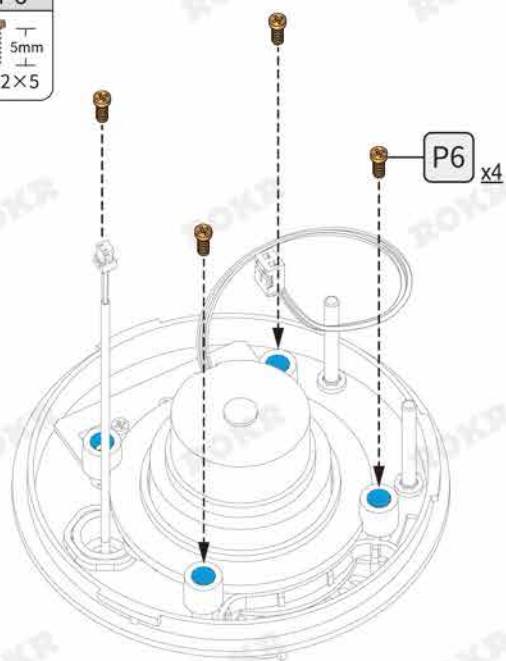
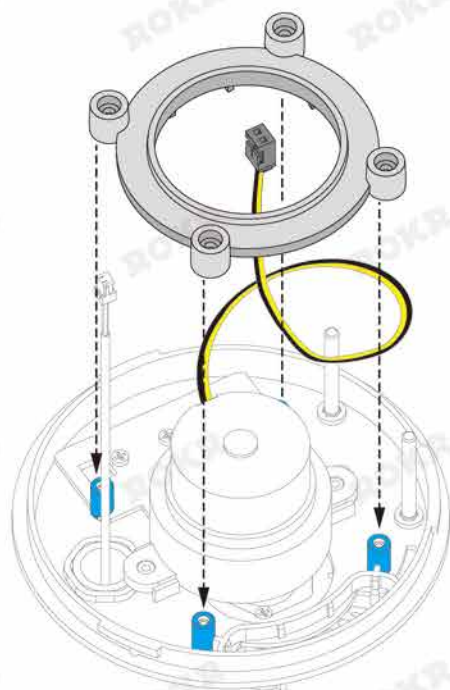


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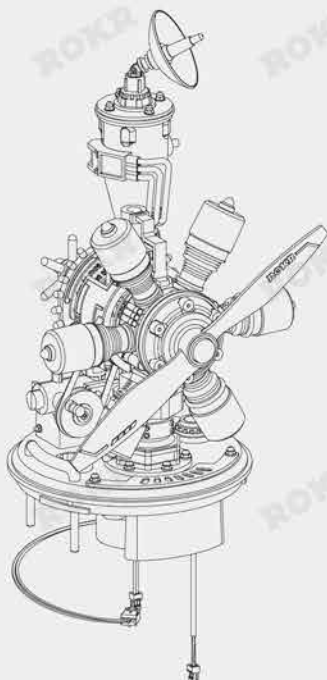
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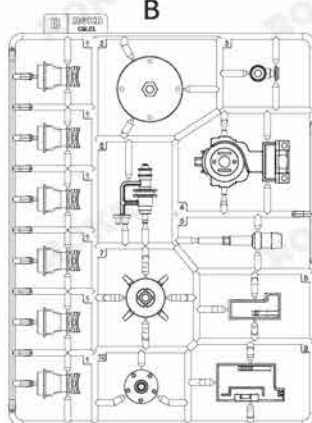




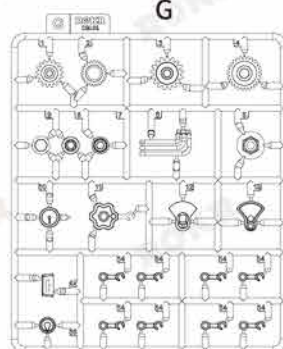
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B



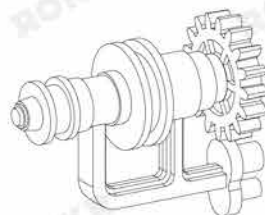
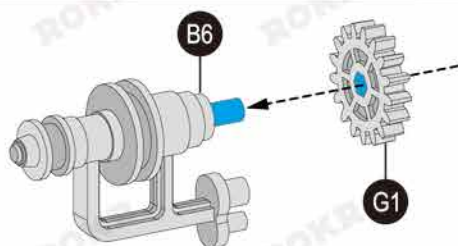
G



2

11

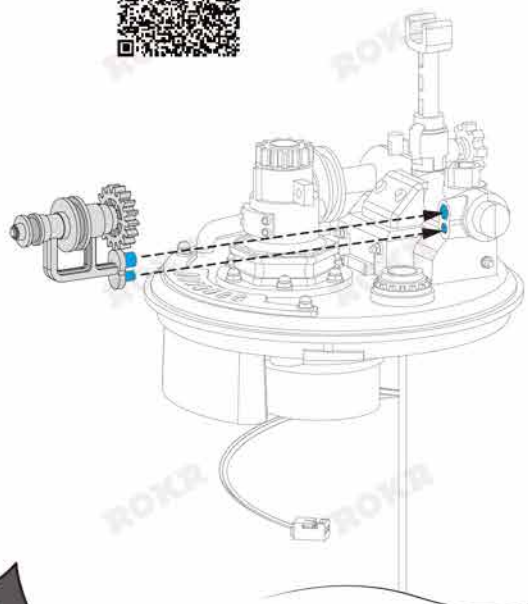
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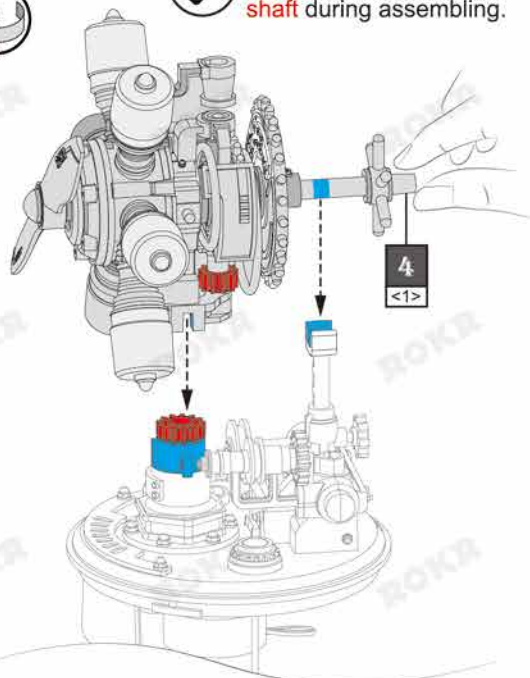
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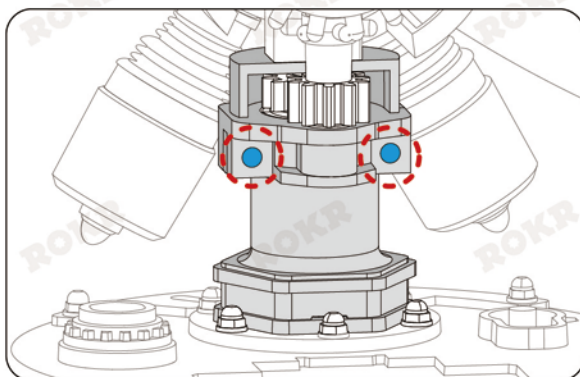
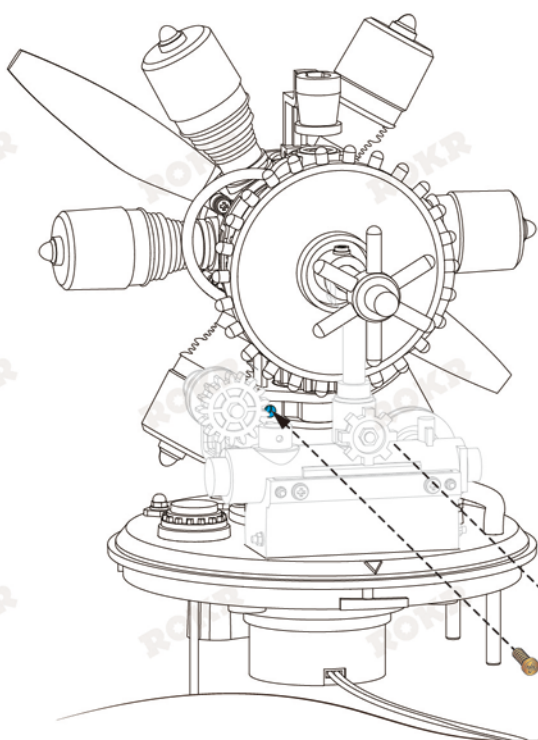
<2>

Scan for assembling videos

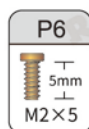


The gear meshing can be adjusted by turning the main shaft during assembling.

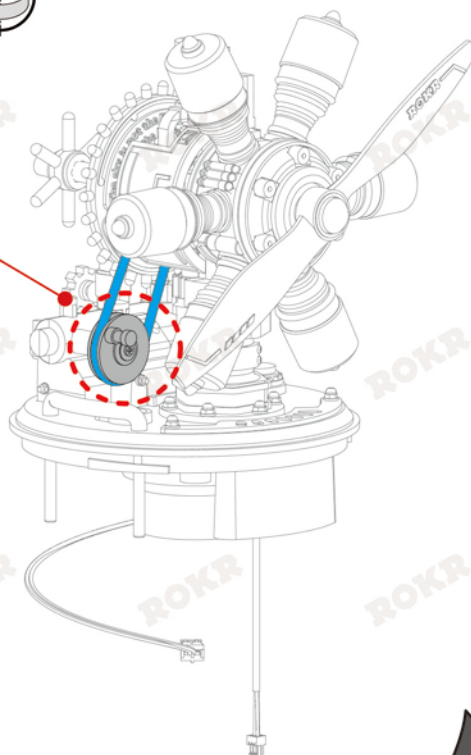
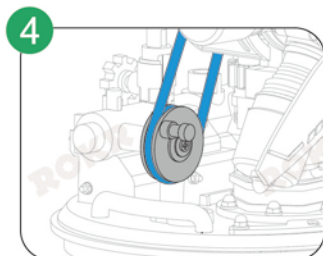
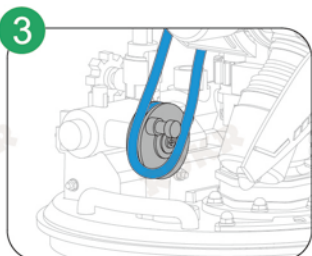
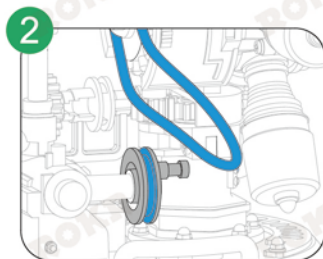
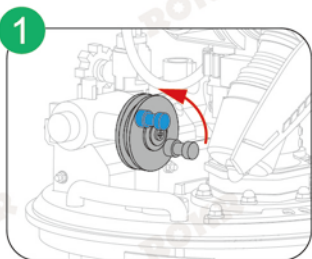




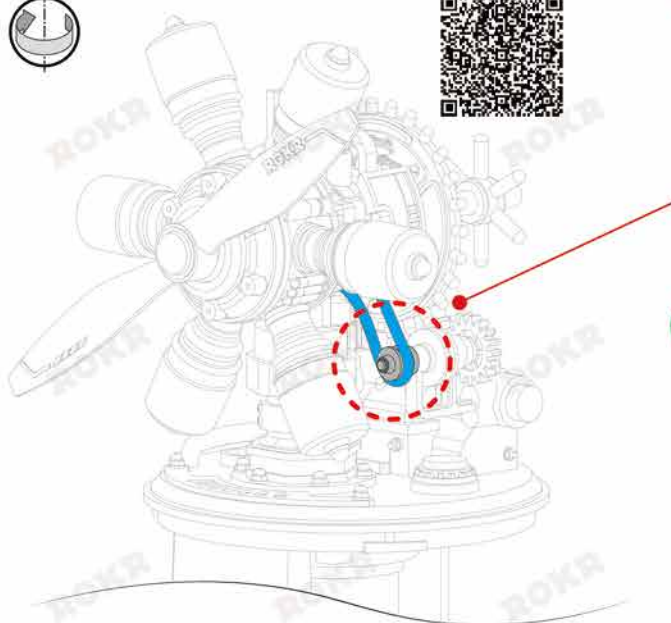
P6 x2



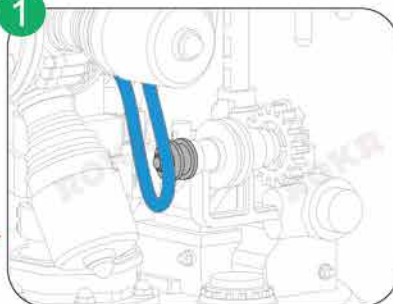
Scan for assembling videos



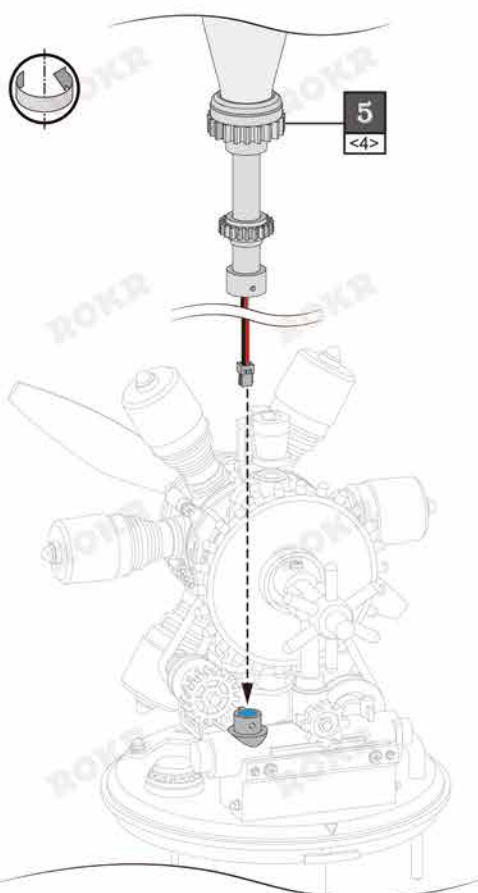
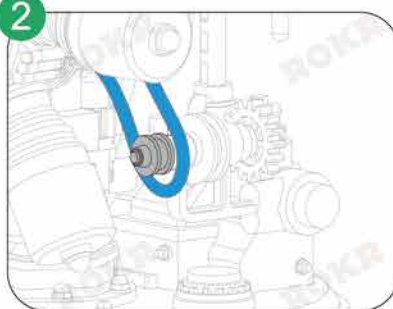
Scan for assembling videos



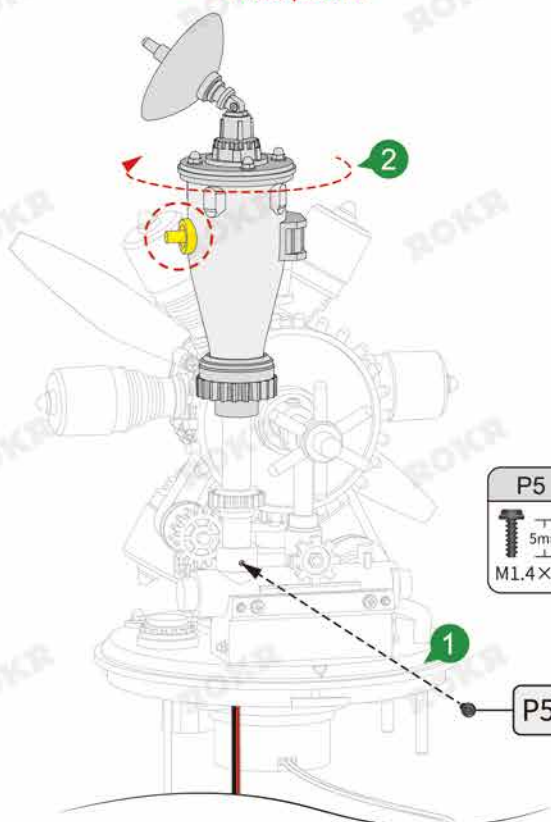
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2

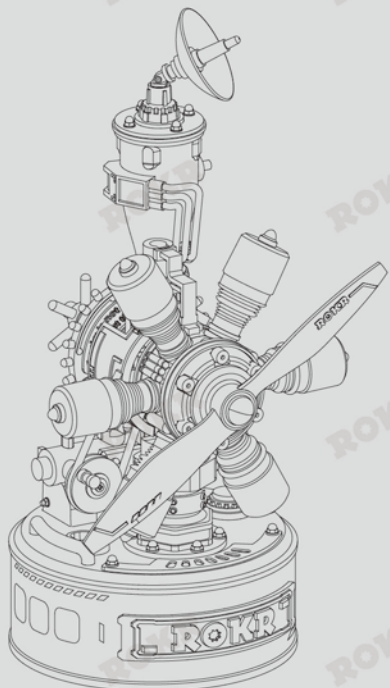
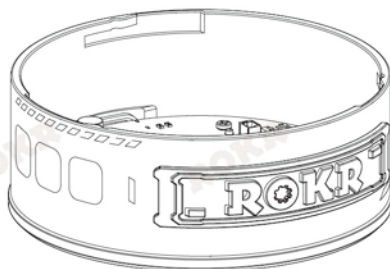


Rotate the radar parts to adjust the assembly post to the position shown in the picture.



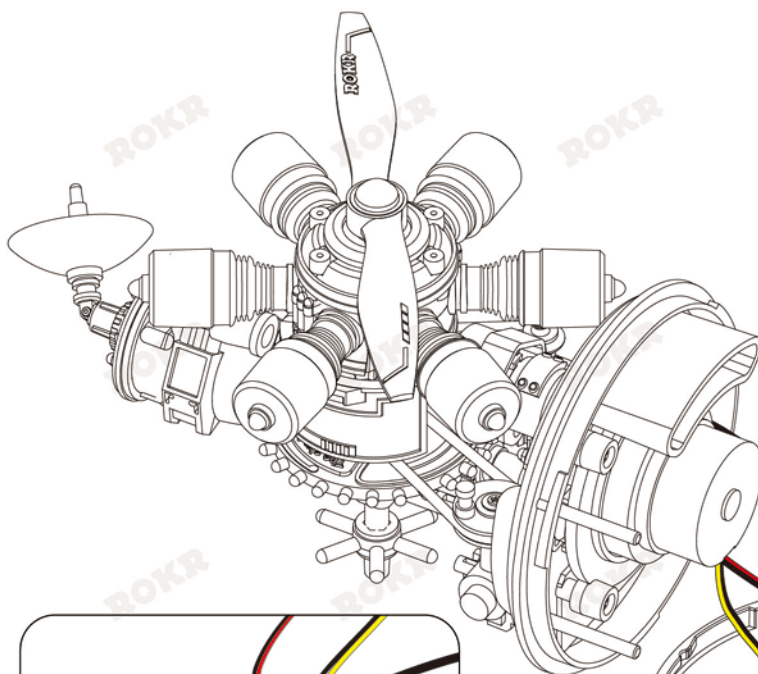
P5

12

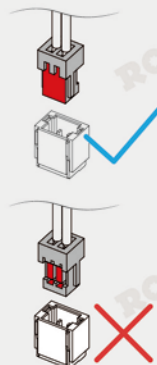
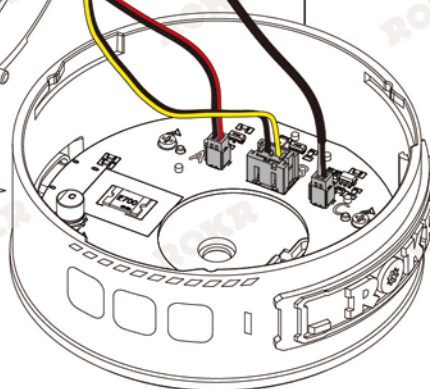
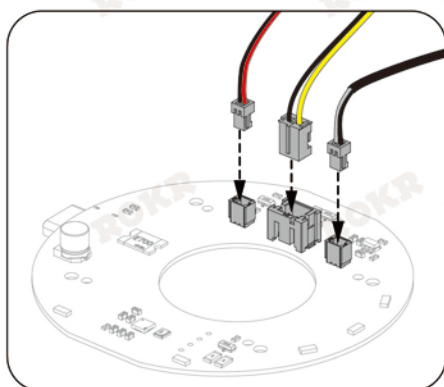
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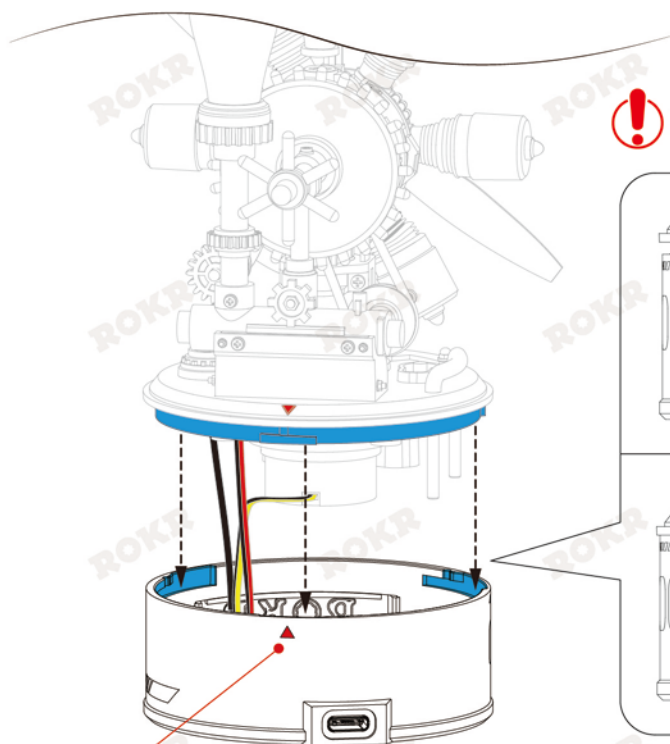
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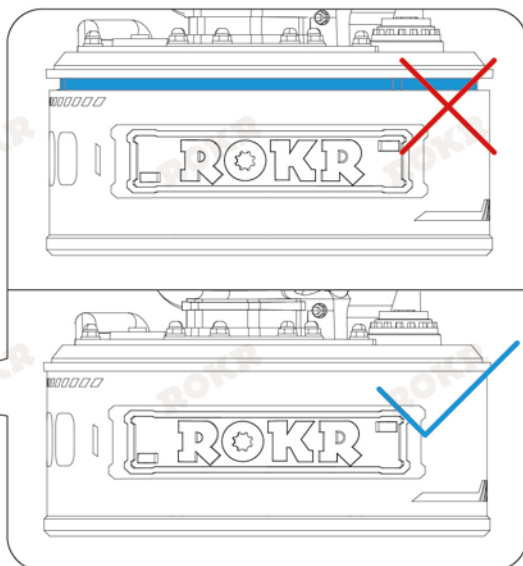


Pay attention to the terminal direction.

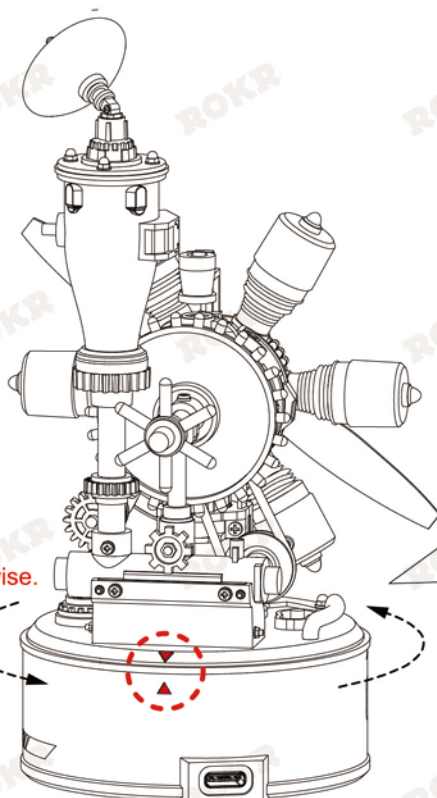
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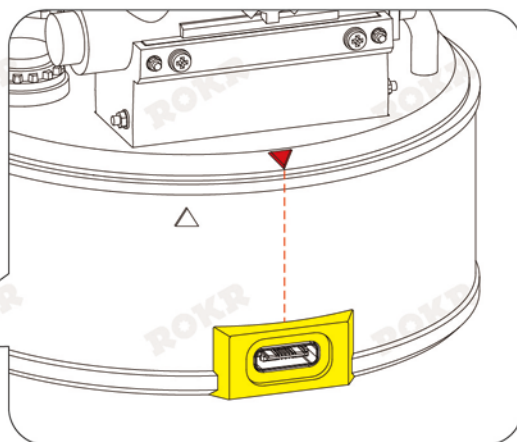
! Align the slots and press fully (be careful not to press against the wires).



! Note the position of the small triangle.



! The small triangle should be directly above the Type-C port after assembling.



! Tighten it counterclockwise.

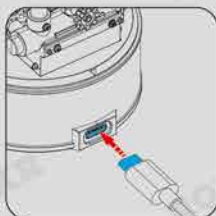
ka!



Electronic parts test

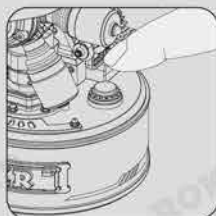
1

Connect to the power supply.



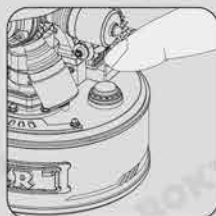
2

Single click: **Power on**
(lights up and motor rotates)



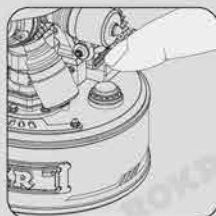
3

Single click: **Switch mode**
(lights up only, no rotation)



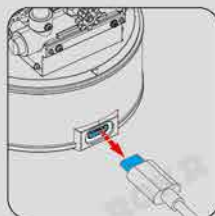
4

Single click: **Power off**



5

Unplug the power supply.

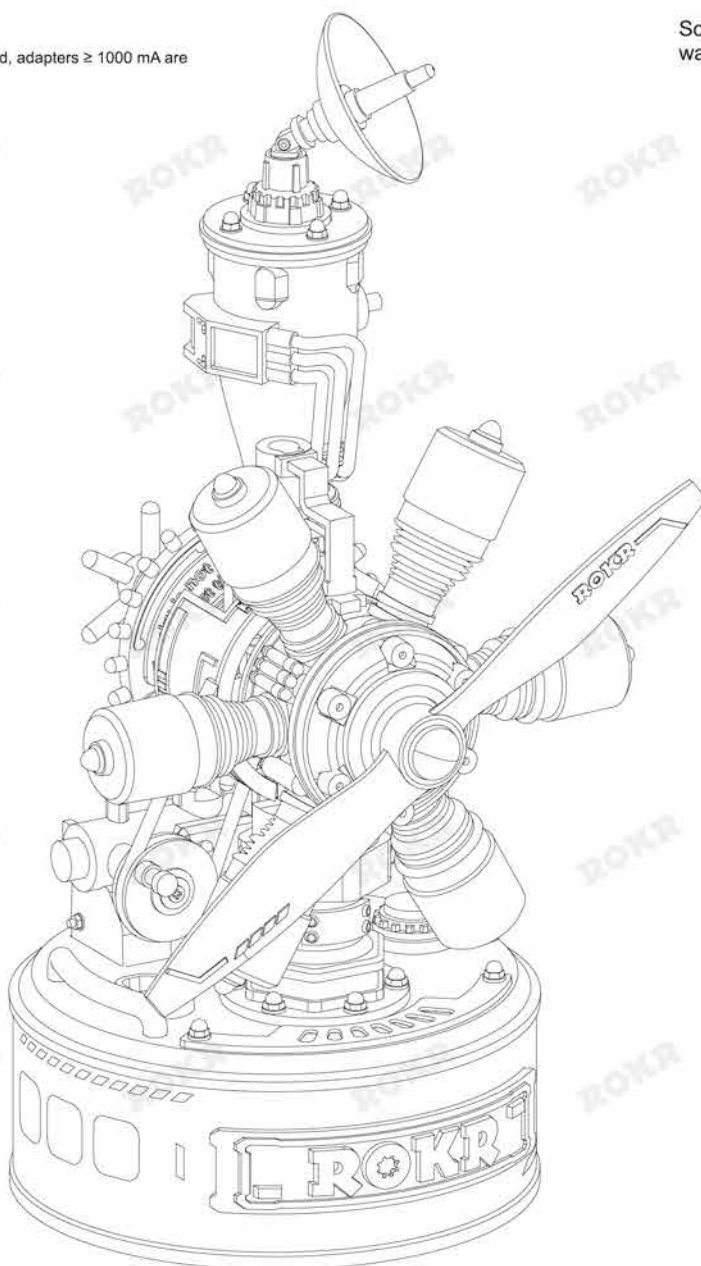


Note: Self-prepare a Type-C cable.

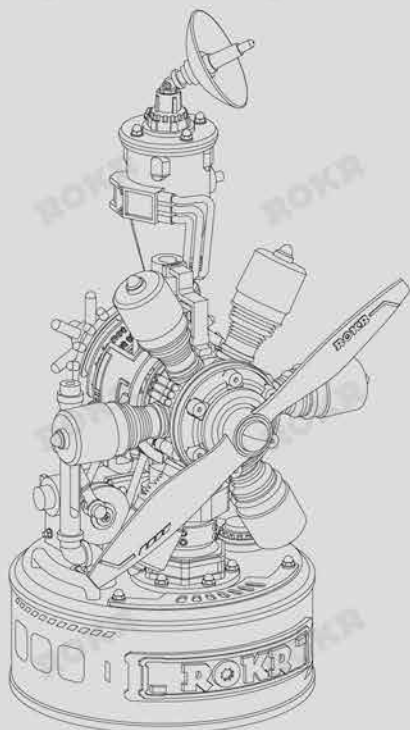
Input power supply: 5V $\approx$ 1000 mA

Note: Over-current protection provided, adapters $\geq$ 1000 mA are acceptable.

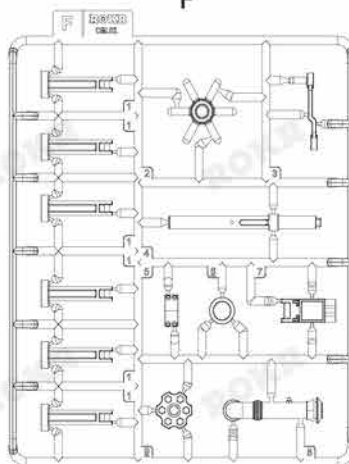
Scan the QR code to watch the test video



13



F



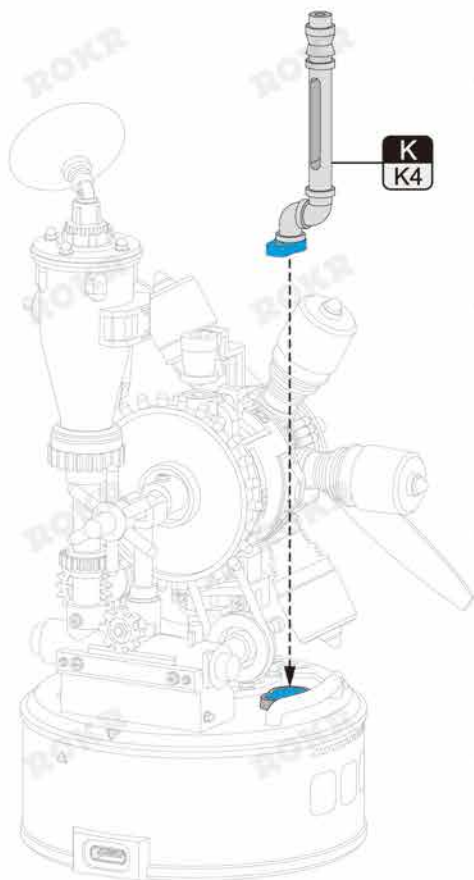
K4



2

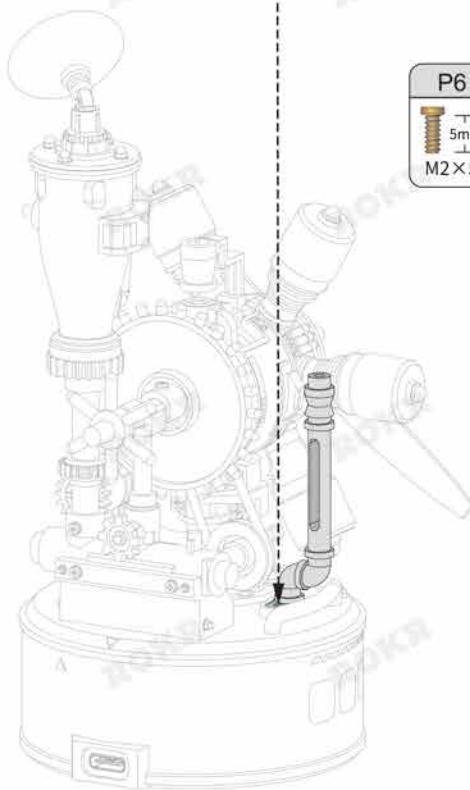
13

<1>



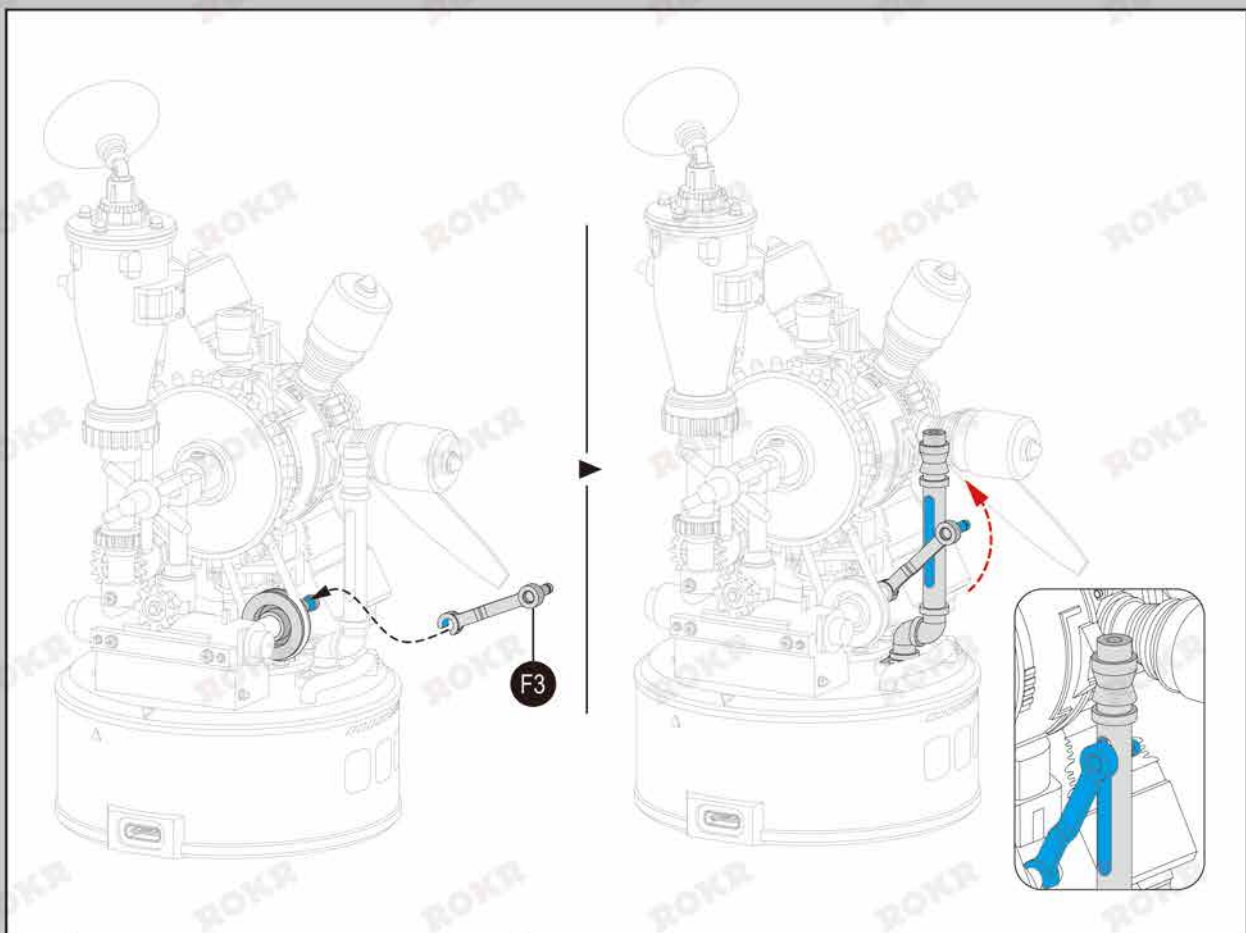
K
K4

P6

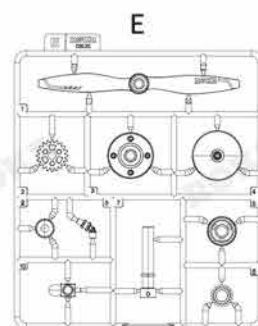
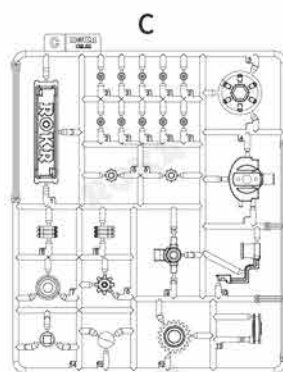
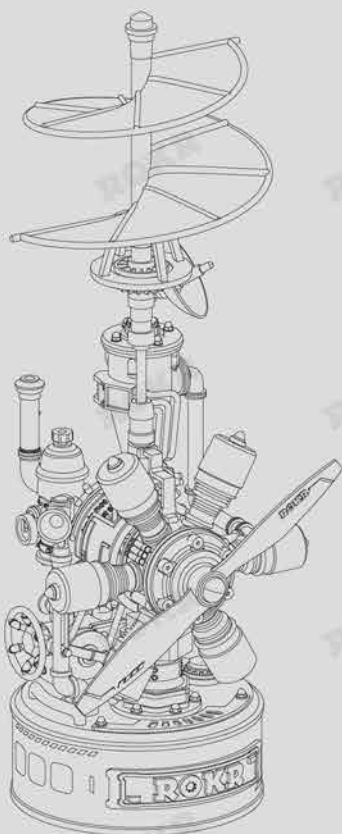


P6

5mm
M2x5



14



K1



K2



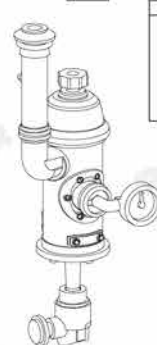
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7

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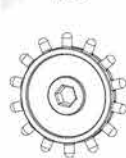


2

K3

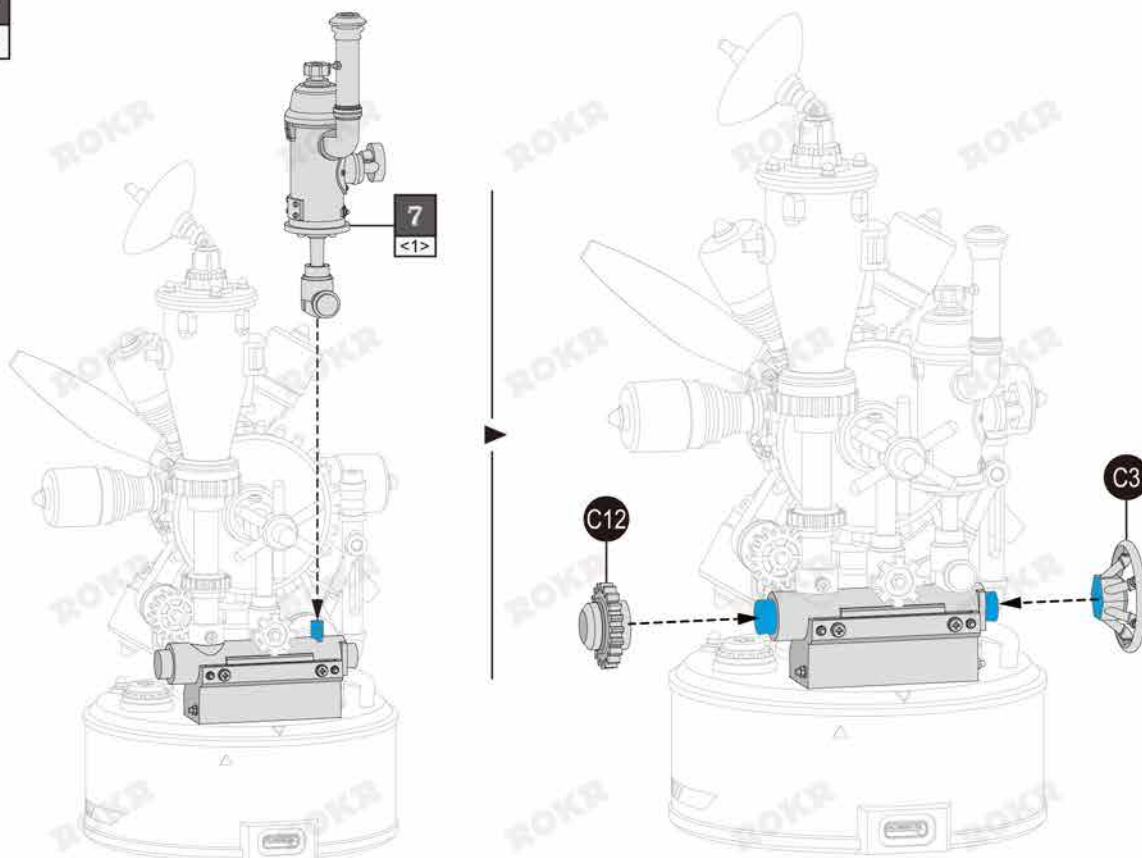


M3



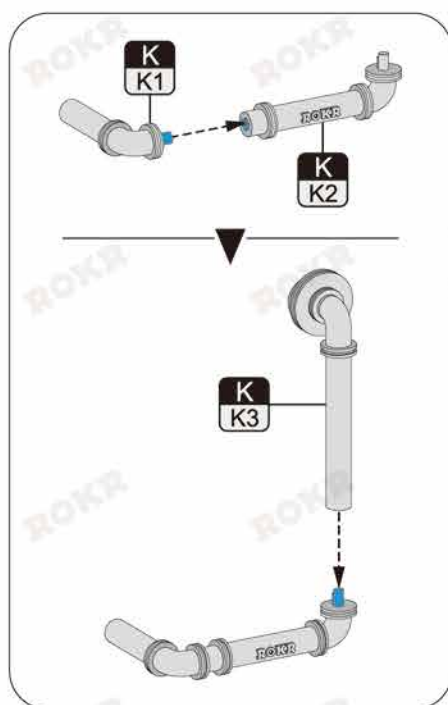
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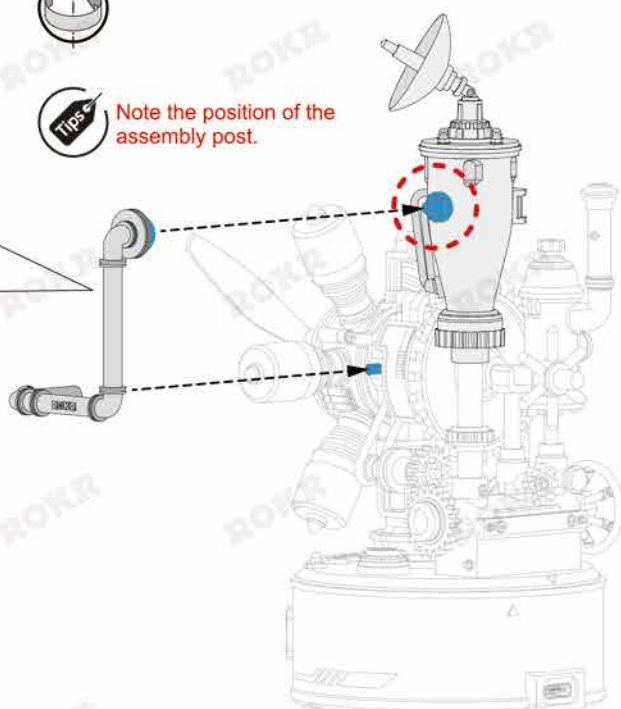


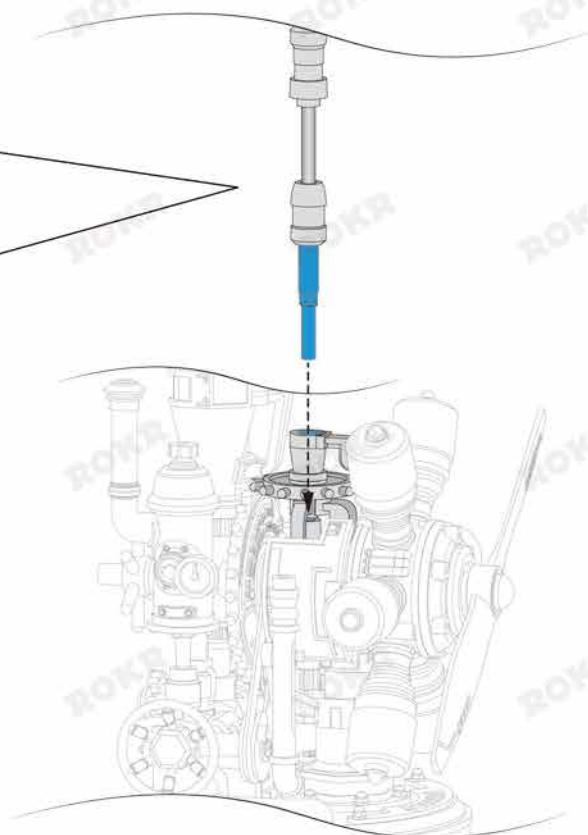
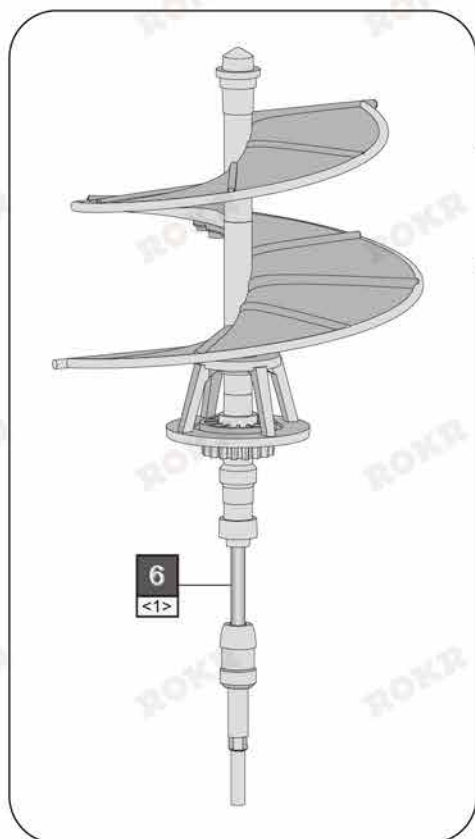
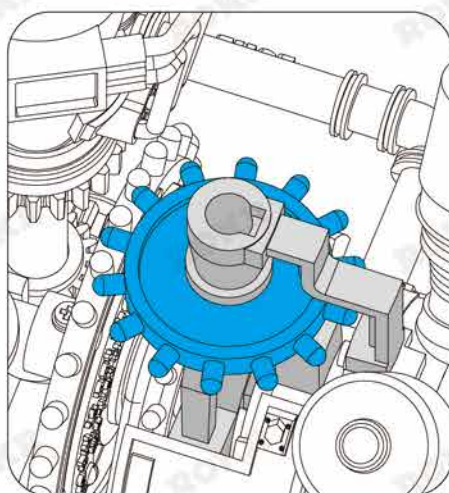
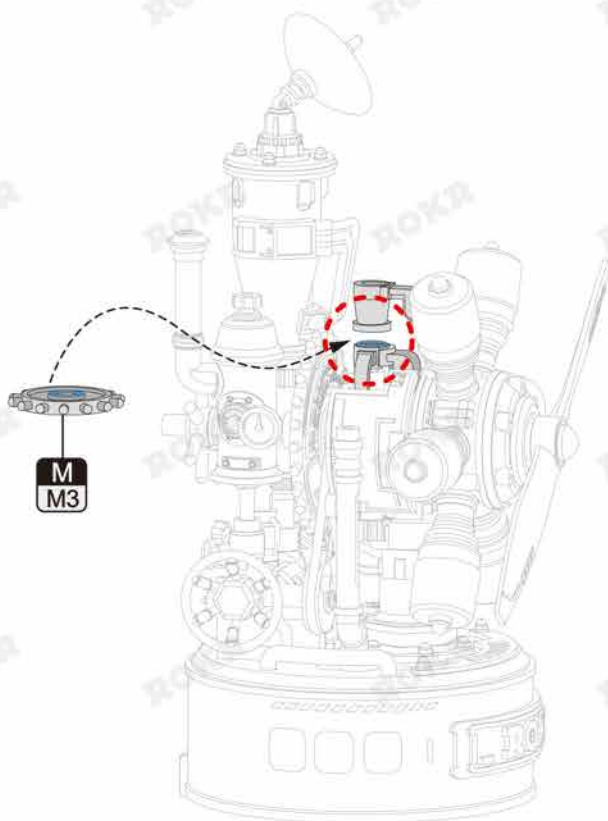
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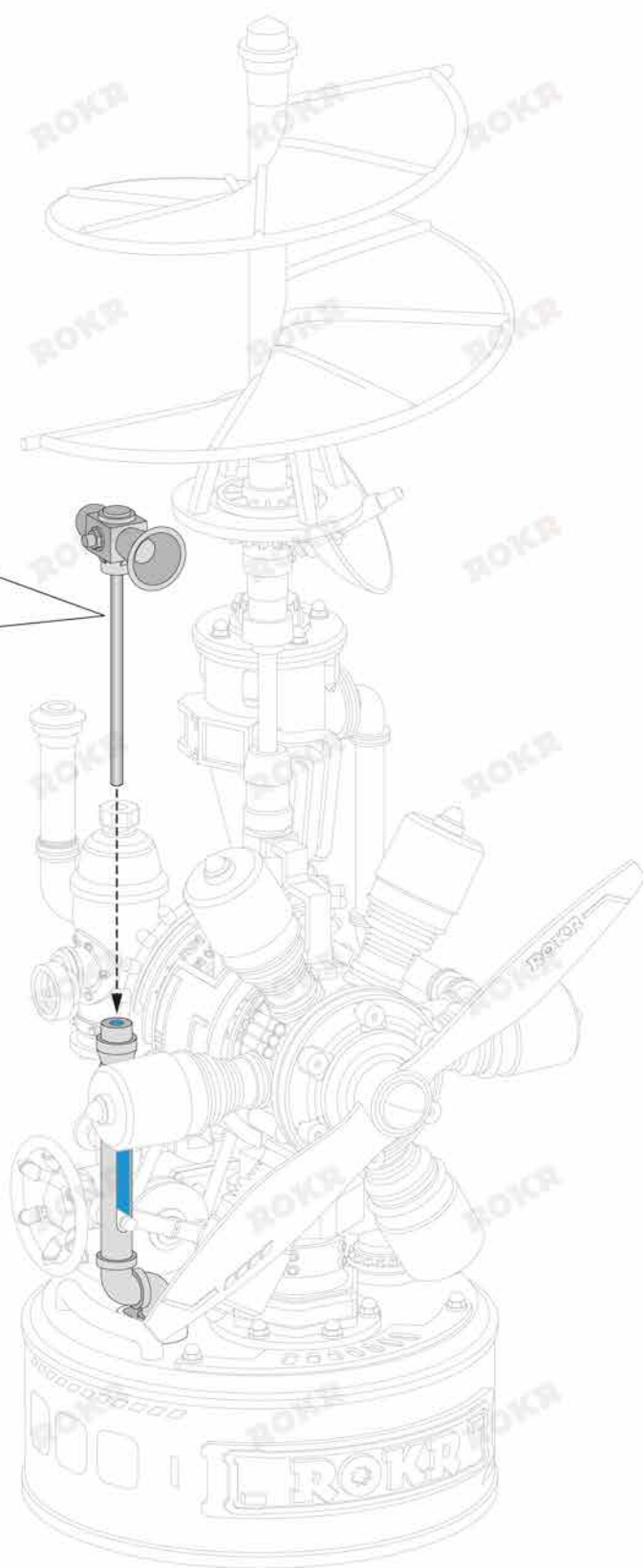
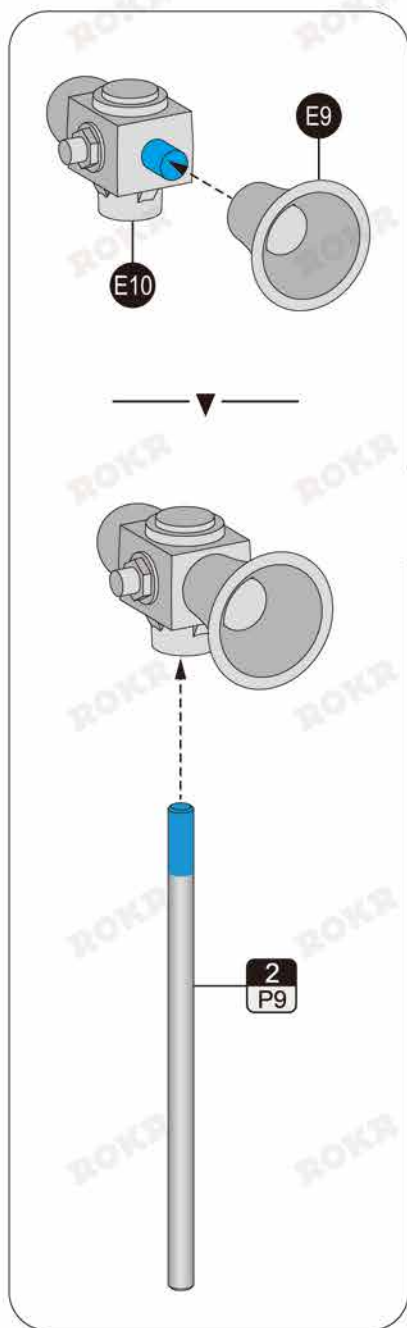
<2>



Note the position of the assembly post.

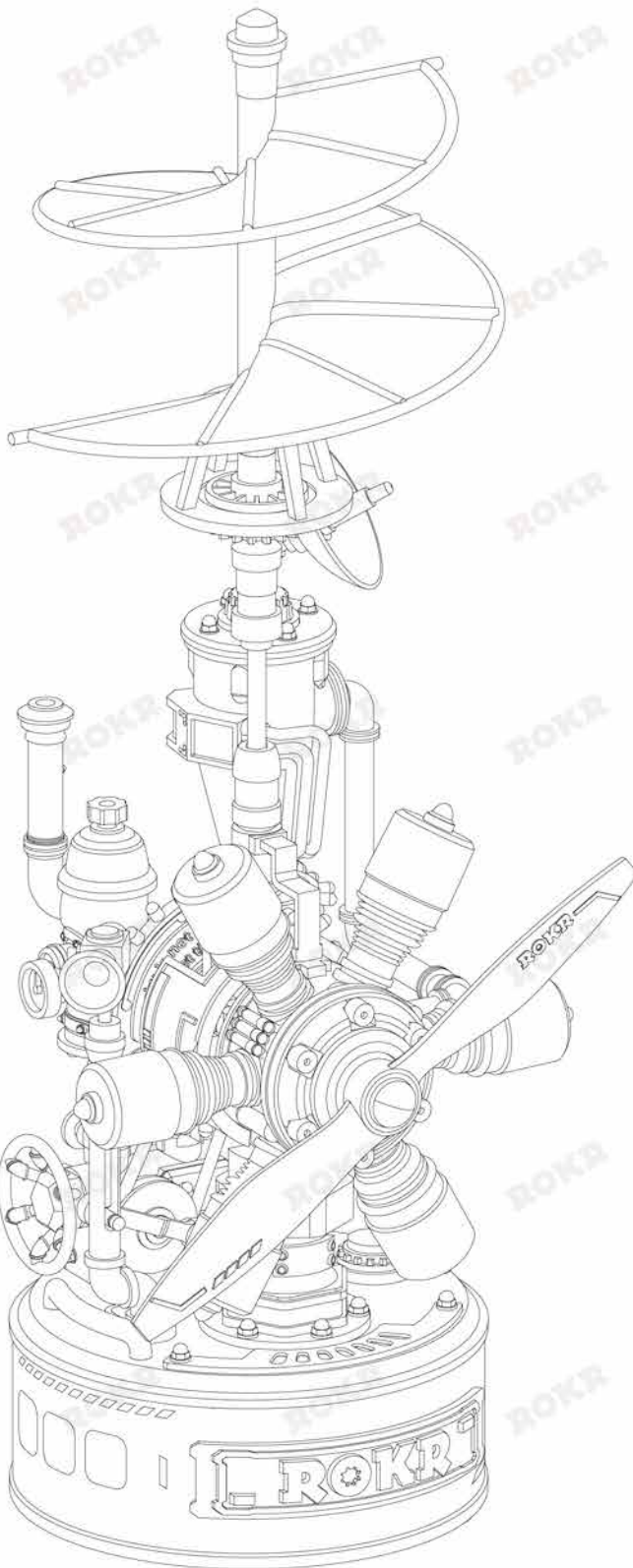






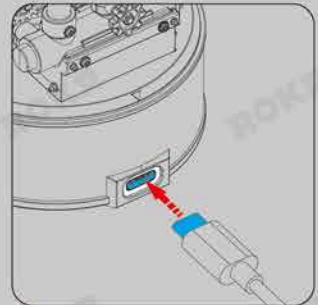


Basic Gameplay(Only 1 Model)



1

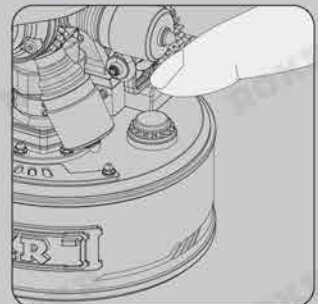
Connect to the power supply.



Note: Self-prepare a Type-C cable.
Input power supply: 5V $\pm$ 1000 mA
Note: Over-current protection provided,
adapters $\geq$ 1000 mA are acceptable.

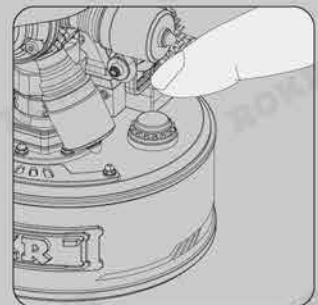
2

Single click: **Power on**
(lights up and motor rotates)



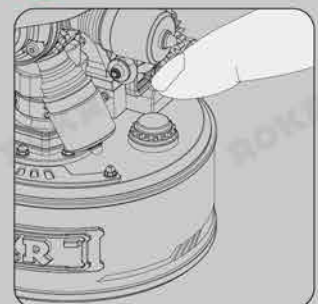
3

Single click: **Switch mode**
(lights up only, no rotation)



4

Single click: **Power off**

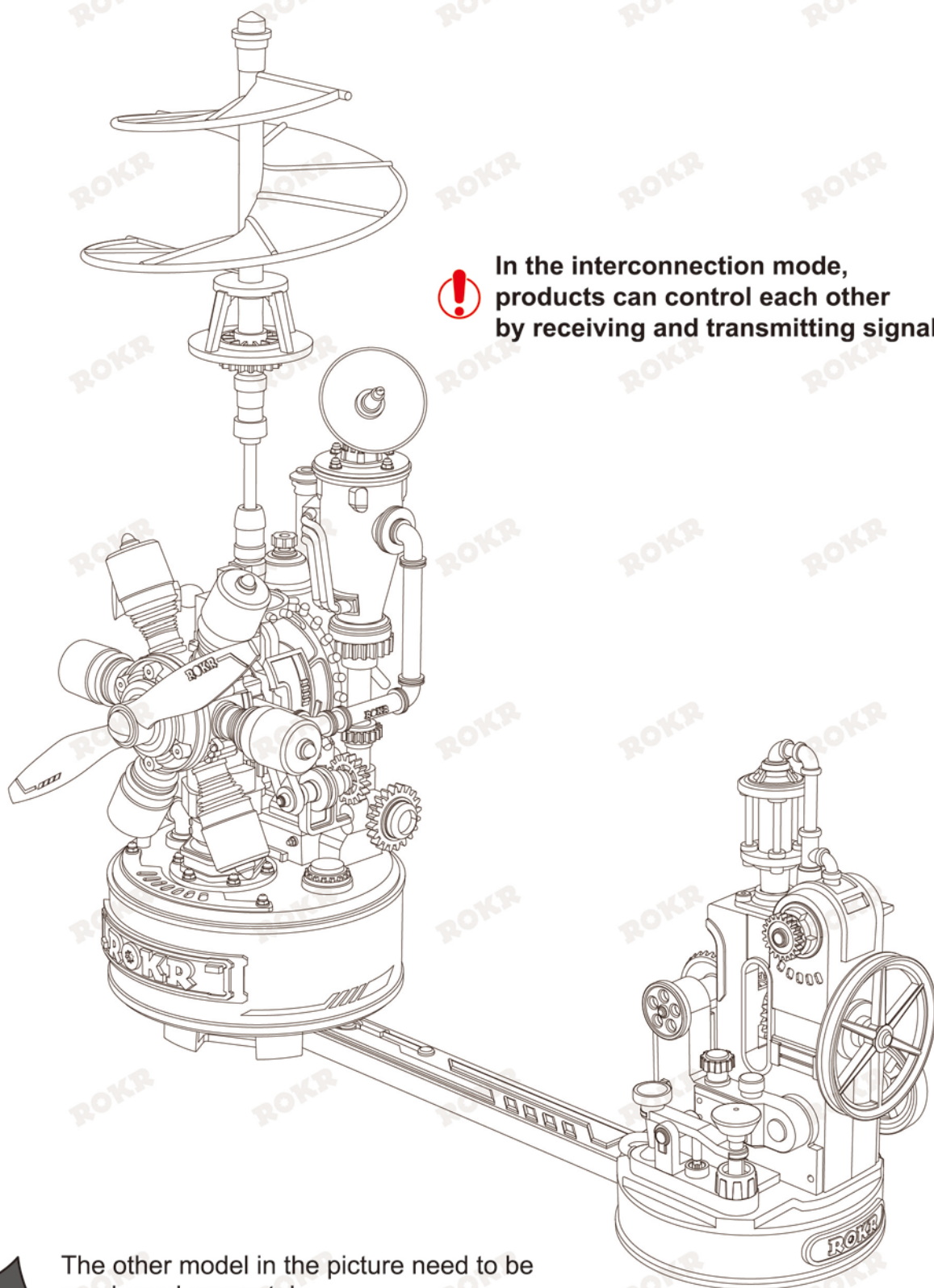




Advanced Gameplay (Multiple Models Connection)



In the interconnection mode, products can control each other by receiving and transmitting signals.



The other model in the picture need to be purchased separately.

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CGL01

Da Vinci Helicopter



• NOTES •

ATTENTION

1. After each startup, the product can run continuously for 20 minutes (it can stop automatically, so you don't have to worry about forgetting to turn it off).
2. When a fault occurs, the product will stop working and the radar breathing light will flash to warn.
3. Please keep the included tool kit well for future maintenance.

DA VINCI HELICOPTER

Wir arbeiten in der gesamten
Welt an der Entwicklung
von Robotern, die die menschliche
Intelligenz imitieren können und
den Menschen überlegen sind.



Die Robotik ist ein Bereich der
Technologie, der die menschliche
Intelligenz imitiert. Wir sind stolz darauf, einen
robotischen Charakter zu erschaffen,
den es ermöglicht, mit der Welt zu interagieren.

INDUSTRIAL CITY

CGL01 Da Vinci Helicopter

Die Robotik ist ein Bereich der
Technologie, der die menschliche
Intelligenz imitiert.

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Die Robotik ist ein Bereich der
Technologie, der die menschliche
Intelligenz imitiert. Wir sind stolz darauf, einen
robotischen Charakter zu erschaffen,
den es ermöglicht, mit der Welt zu interagieren.