ROKR

RHINOCEROS BEETLE

MECHANICAL AGE

Organism's Awaken

CODENO01

Assembly Instruction MI01

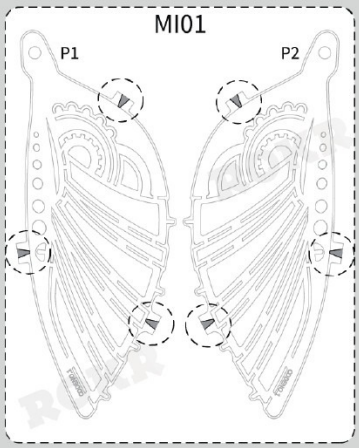
Part List (Some parts have spare.)

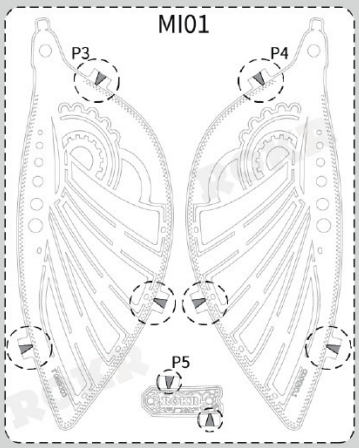
ROKR

Etched sheets

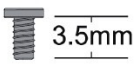
Item number	P1	P2	P3	P4	P5
Item	Black wing (left)	Black wing (right)	Gold wing (left)	Gold wing (right)	Gold nameplate
Illustration					
Quantity	1	1	1	1	1

Before assembly, cut the connecting points with nipper pliers.





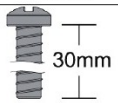
Bag No.1

Item number	P6	P7	P8	P9	P10
Item	Flat-head screw (Black)	Metal gasket (Black)	Nylon gasket (White)	Connecting rod (Black)	Hex nut (Black)
Illustration	 3.5mm M1.6*3.5	M1.6*4	M1.6*3.5		M1.6
Quantity	2	2	2	2	2

Bag No.2

Item number	P11	P12	P13
Item	Motor	Controller Board	Signal light
Illustration			
Quantity	1	1	1

Bag No.3

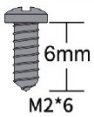
Item number	P14	P15	P16	P17	P18	P19	P20
Item	Metal Nameplate	Hexagon steel shaft	Hex nut (Black)	Screw (Black)	Screw (Black)	Screw (Black)	Spring (Gold)
Illustration			M2	 30mm M2*30	5mm M1.4*5	3mm M1.2*3	
Quantity	1	1	2	2	2	2	4

Bag No.4

Item number	P21	P22
Item	Leather (left)	Leather (right)
Illustration		
Quantity	1	1

Item number	Bag No.5 P23	Bag No.6 P24	Bag No.7 P25	Bag No.8 P26
Item	Copper nail (Gold)	Screw (Gold)	Screw (Gold)	Screw (Black)
Illustration		4mm M1.2*4	5mm M1.2*5	5mm M1.4*5
Quantity	8	7	31	11

Bag No. X1

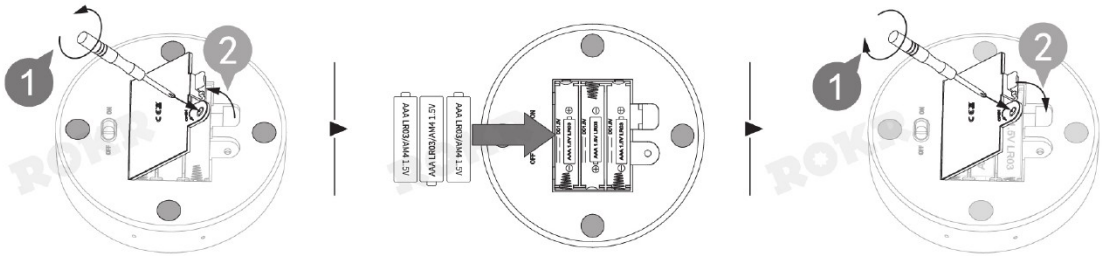
Item number	P27	P28
Item	Screw (Black)	Base
Illustration	 6mm M2*6	
Quantity	4	1

Tools

Spanner	Screwdriver	Cotton swab	Grease	Sandpaper stick

⚠ WARNING:

·The product is for people who are 14 and up years old. Children who are under 14 years old must assemble under the guidance of adults.
·The product requires 3 “AAA LR03/AM4 1.5V” batteries. (Batteries for self-preparation).
·Screw the fastener on the rear cover of the battery box using a screwdriver to remove or insert the batteries.



·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.
·Please do not use rechargeable battery.
·Different types of batteries,new and old batteries cannot be mixed in use.
·Batteries are to be inserted with the correct polarity (+ and -).
·Remove the exhausted battery in time.
·The power supply terminal cannot be short circuited.
·This product has hazardous sharp functional edges or points. Use with care, to be used under the wardship of an adult.
·The instruction must be retained since it contains important information.
·Due to customs policy in international shipping, the grease & nipper plier may not be included, please prepare them yourself.

Product Display

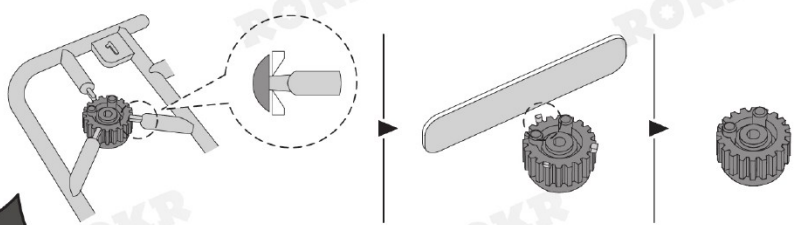
ATTENTION:

·Keep the product away from the source of ignition and water to prevent any damage.
·Don't use chemical reagents like alcohol, ammonia water to clean the product.
·Take off the pieces from the board according to each step when assembly.
·Cut the parts along the edge with a cutting pliers and then grind them carefully with an sandpaper stick.
·Please carefully read the instruction book when assembly and keep it properly for later verification.
·For some complicated steps, please scan the QR code with remind for assembly video.
·There is a little different from several parts the pictures on instruction, subject to parts number.
·The power supply terminal cannot be short circuited.
·Pieces marked "+" are spare parts on board.

Instructions of using the nipper pliers

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

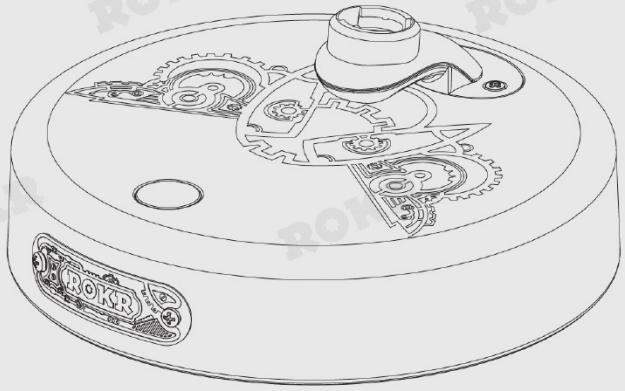
Leftover cutting points can be polished by the sandpaper stick.



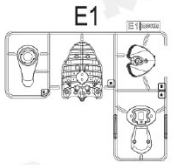
Icon Illustration

1 Step 1
2 Step 2
Perspective conversion
Remove the plastic film on surface
Grease with cotton swabs
Sand cutting points with sandpaper stick
Special attention in assembly
1 P5 Part P5 in Bag No.1

1



Completion



Part Bag:

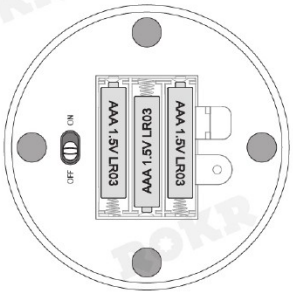
Please take out parts in sequence and do not pour them all out to avoid mixing.

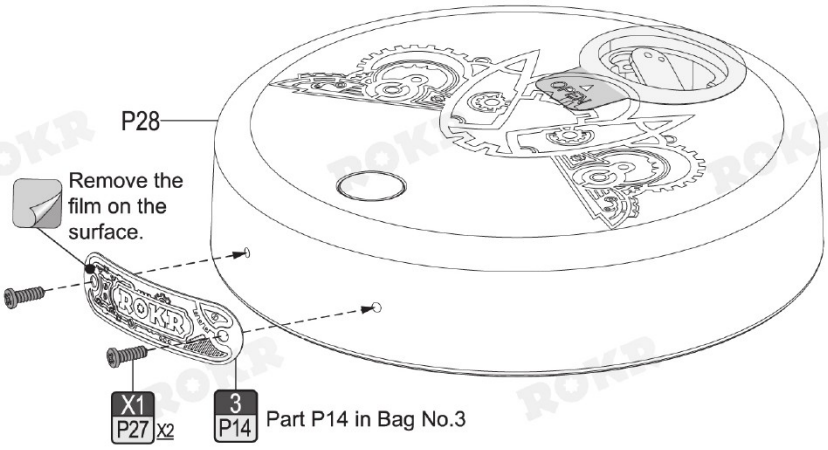
3	6	8	X1

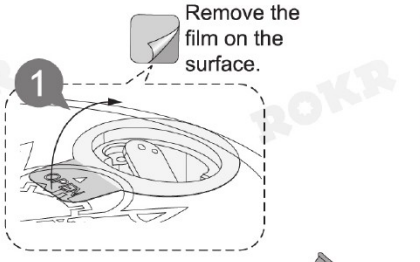
1

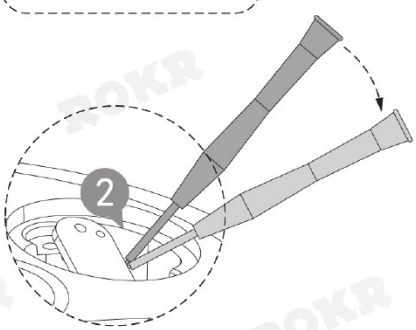
<1>

Load the battery.
Turn off the switch.

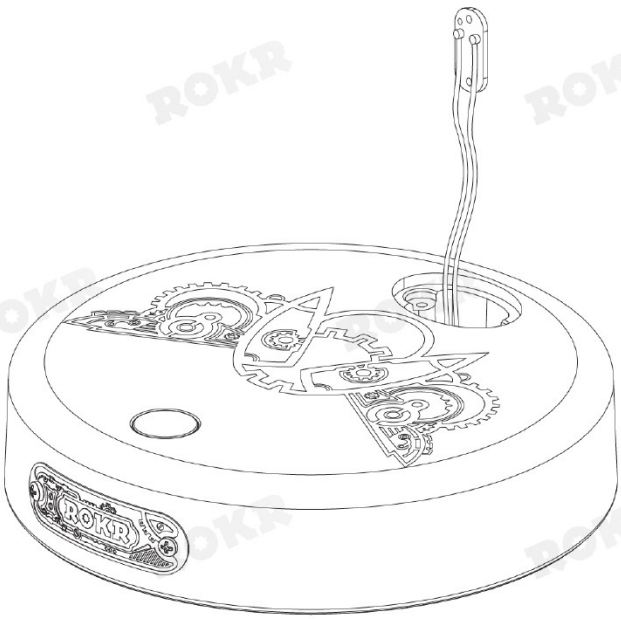






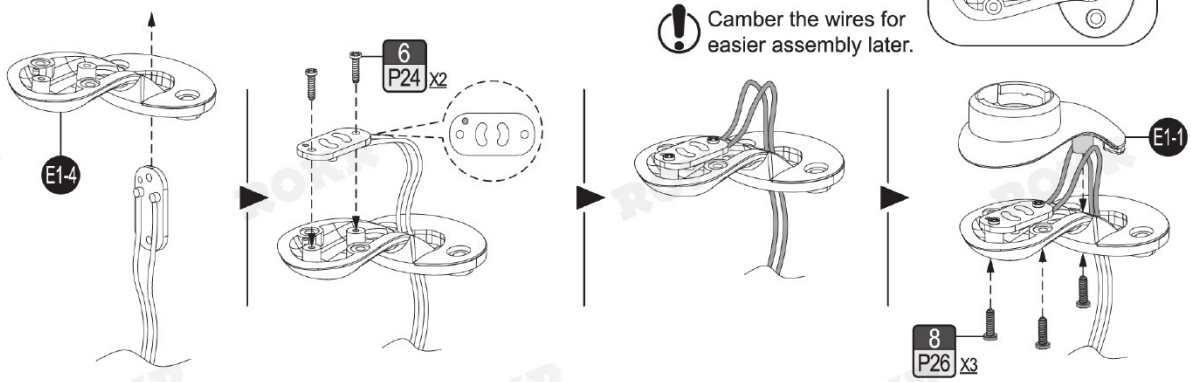


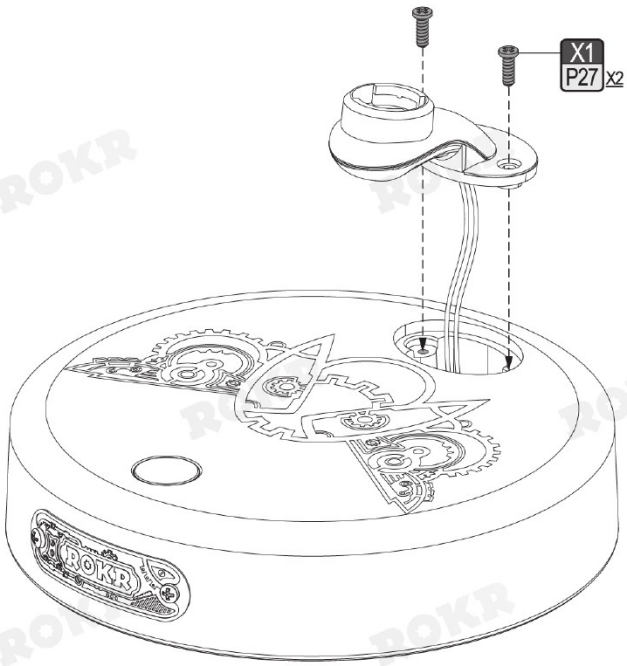
Pick the wires out with the screwdriver.

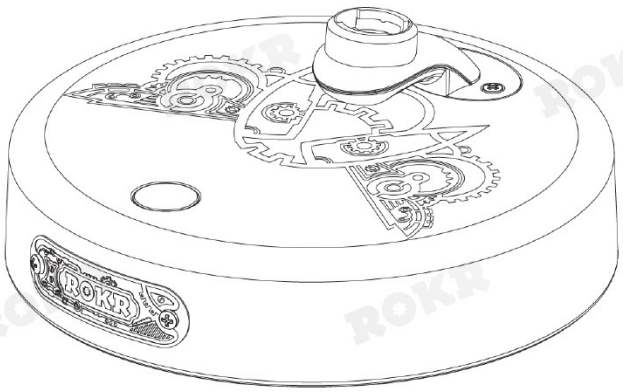


1

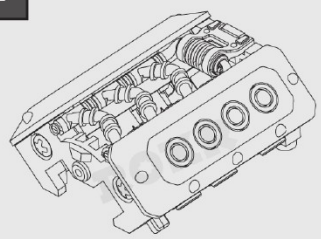
<2>

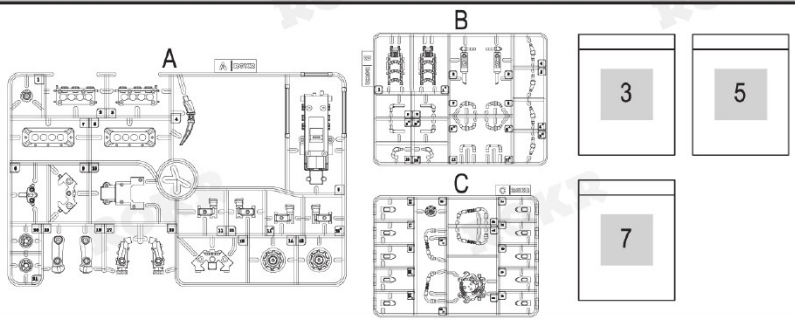

E1-4
6
P24 X2
Camber the wires for easier assembly later.
E1-1
8
P26 X3


X1
P27 X2

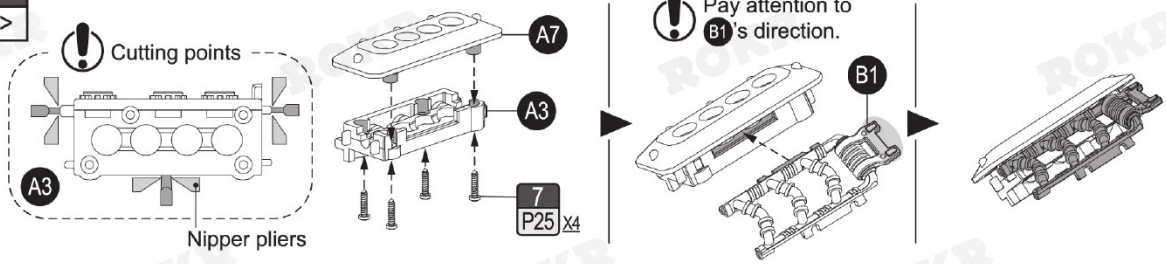


2

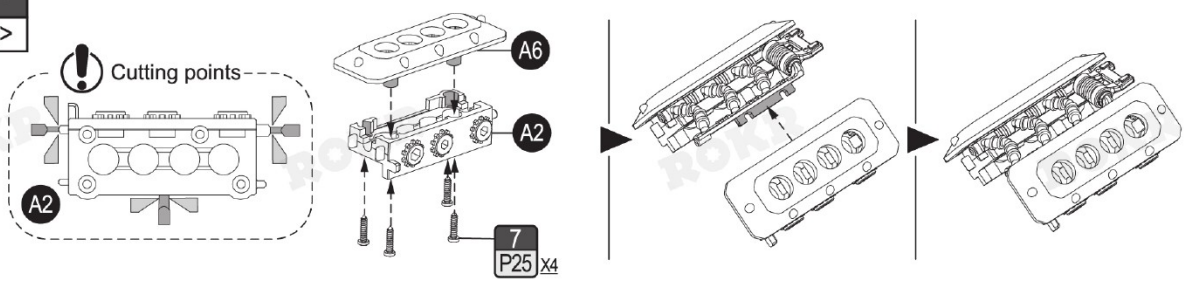



A
B
C
3
5
7

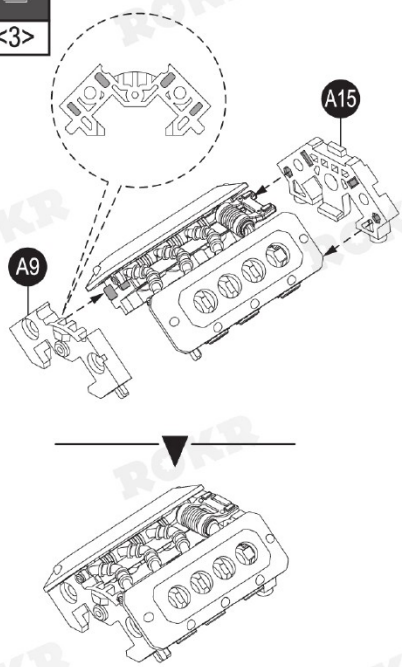
2 <1>


Cutting points
A3
Nipper pliers
A7
A3
7
P25 X4
Pay attention to
B1's direction.
B1

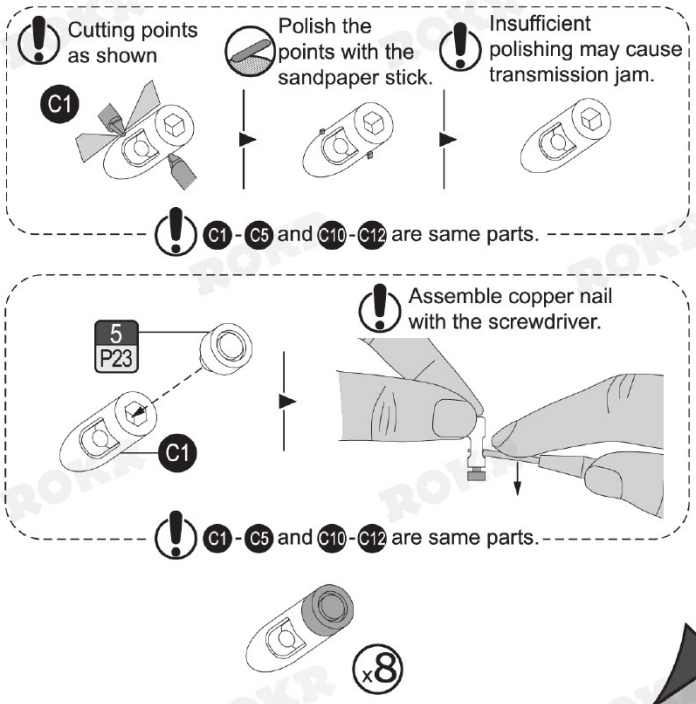
2 <2>


Cutting points
A2
A6
A2
7
P25 X4

2 <3>


A15
A9

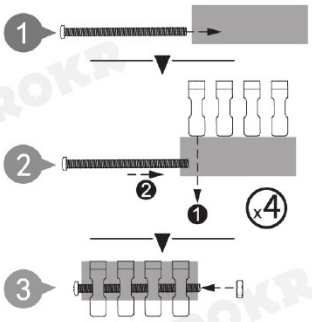
2 <4>


Cutting points
as shown
C1
Polish the
points with the
sandpaper stick.
Insufficient
polishing may cause
transmission jam.
C1 - C5 and C10 - C12 are same parts.
5
P23
C1
Assemble copper nail
with the screwdriver.
C1 - C5 and C10 - C12 are same parts.
x8

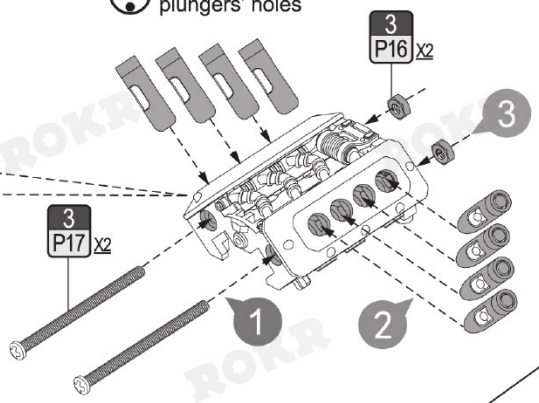
2

<5>

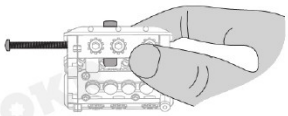
Assembly Figure

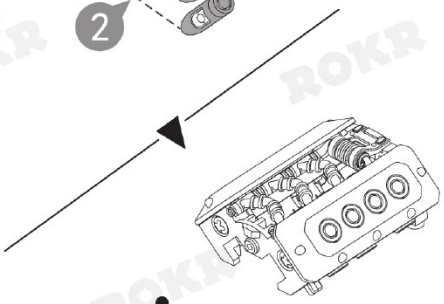


No need to grease plungers' holes



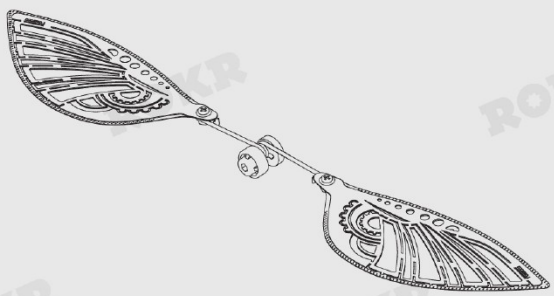
Easier assembly as the shown direction

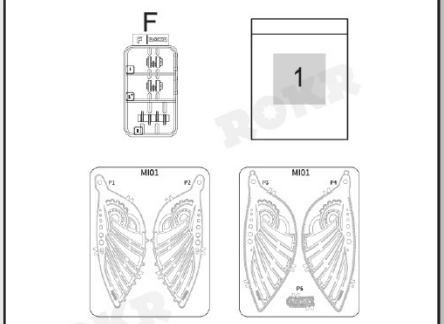




Flip over the part to test smooth operation of plungers.

3



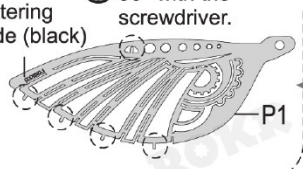


3

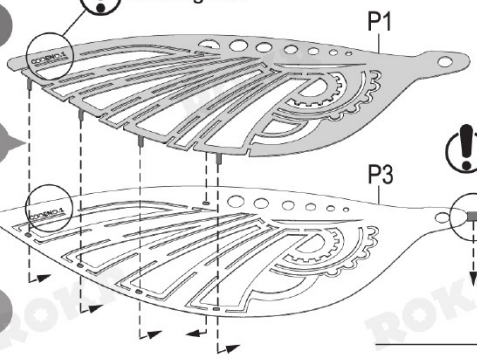
<1>

Bend the 5 fastening points downward by 90 °with the screwdriver.

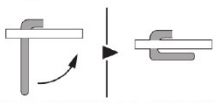
lettering side (black)



lettering side

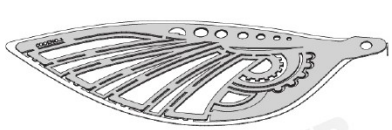


Fasten 5 points.



Scan for assembly videos

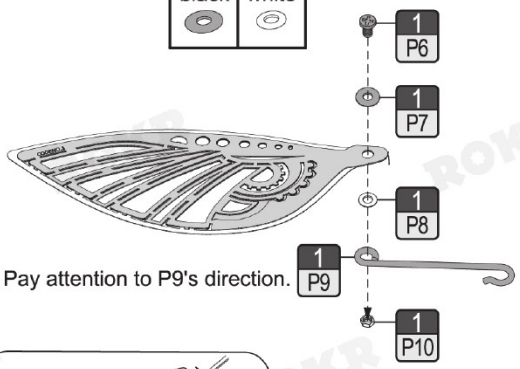
Bend 90 ° in the direction as shown.



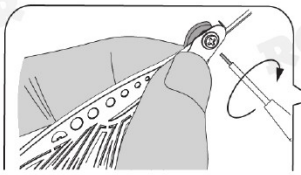
ROKR

3 <2>

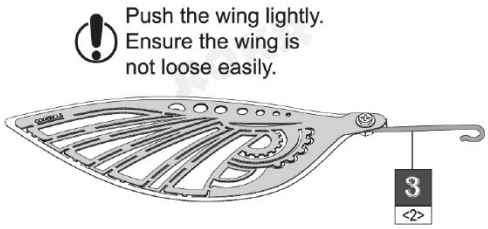
P7	P8
black	white



Pay attention to P9's direction.

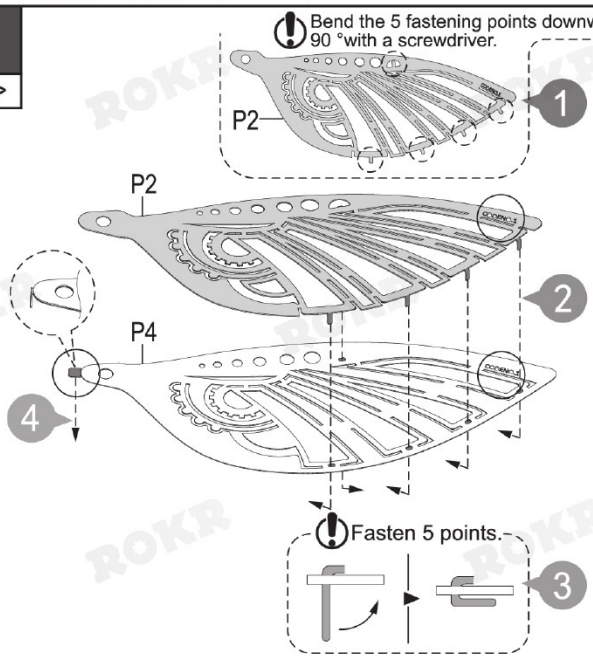


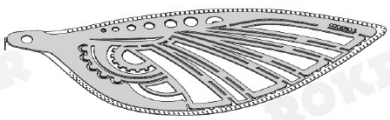
Secure the nut with a hexagon wrench to tighten the screw.



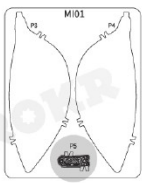
Push the wing lightly. Ensure the wing is not loose easily.

3 <3>



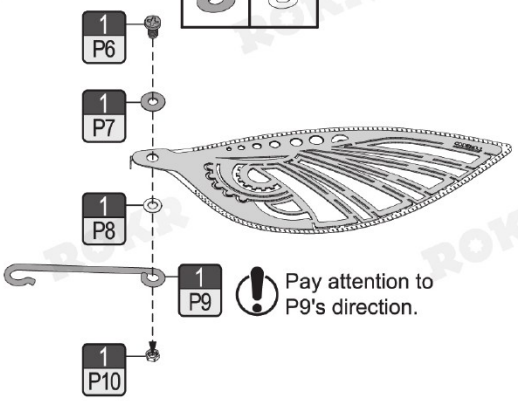


Keep the etched sheets well before using P5.



3 <4>

P7	P8
black	white

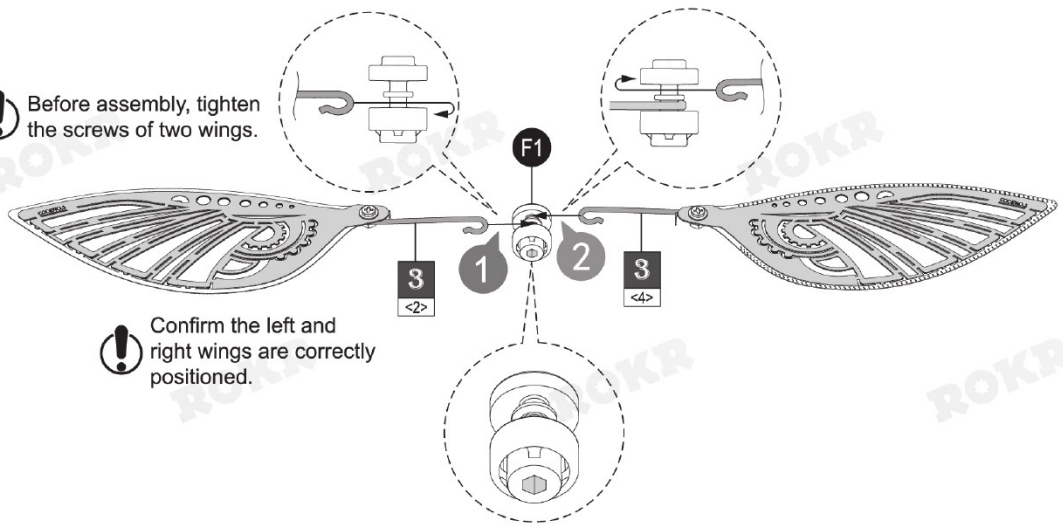


Pay attention to P9's direction.

Push the wing lightly. Ensure the wing is not loose easily.

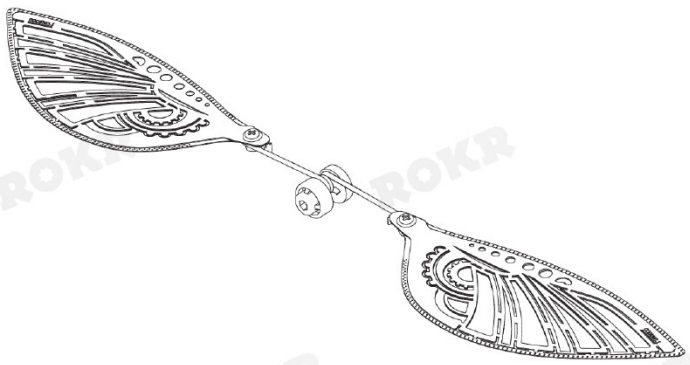
3
<5>

Before assembly, tighten the screws of two wings.

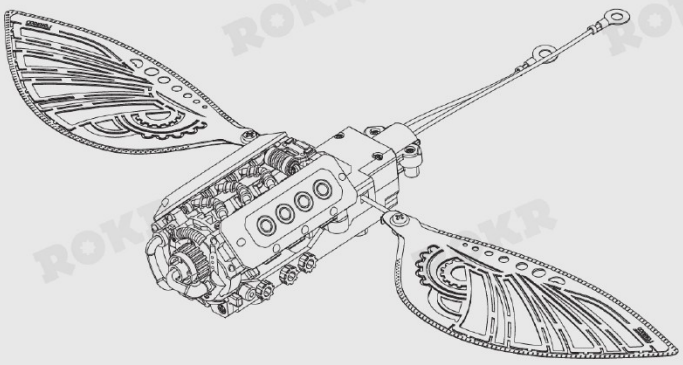


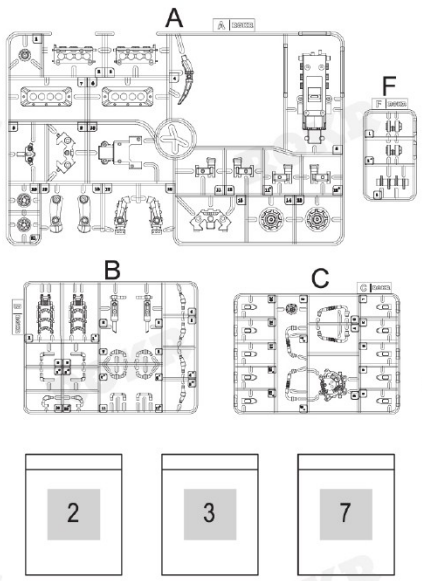
Confirm the left and right wings are correctly positioned.

3
<6>



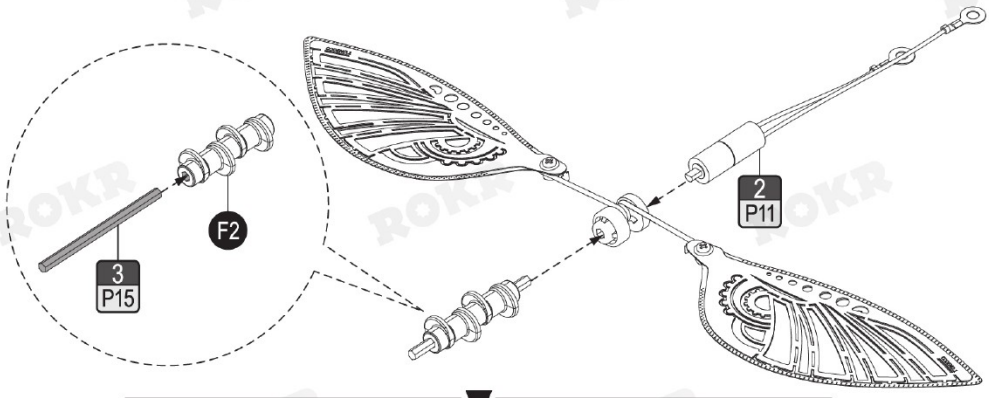
4

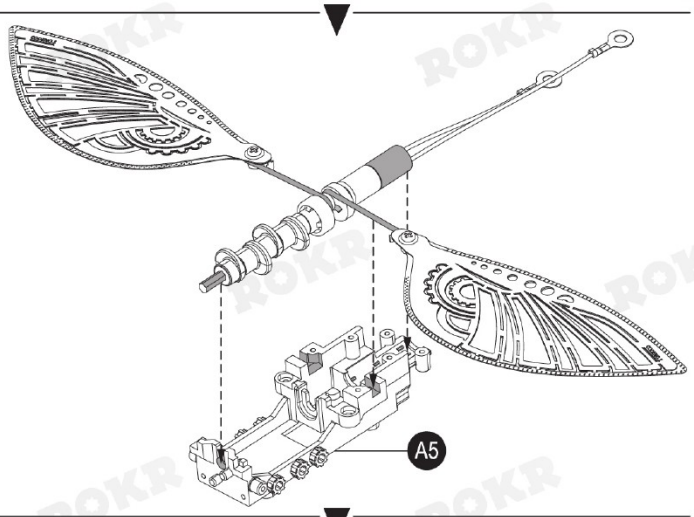


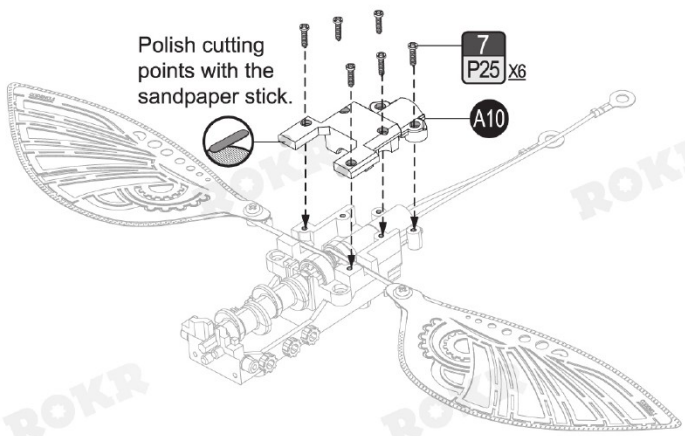


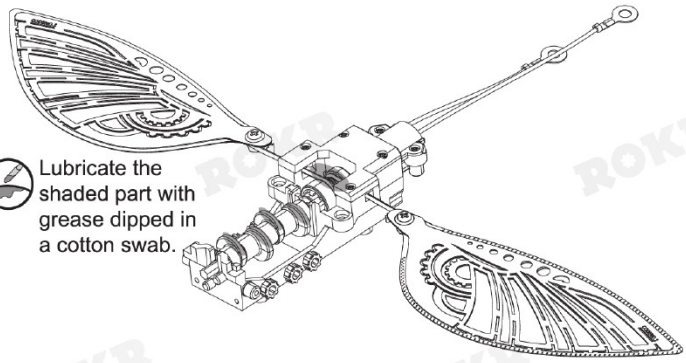
4

<1>



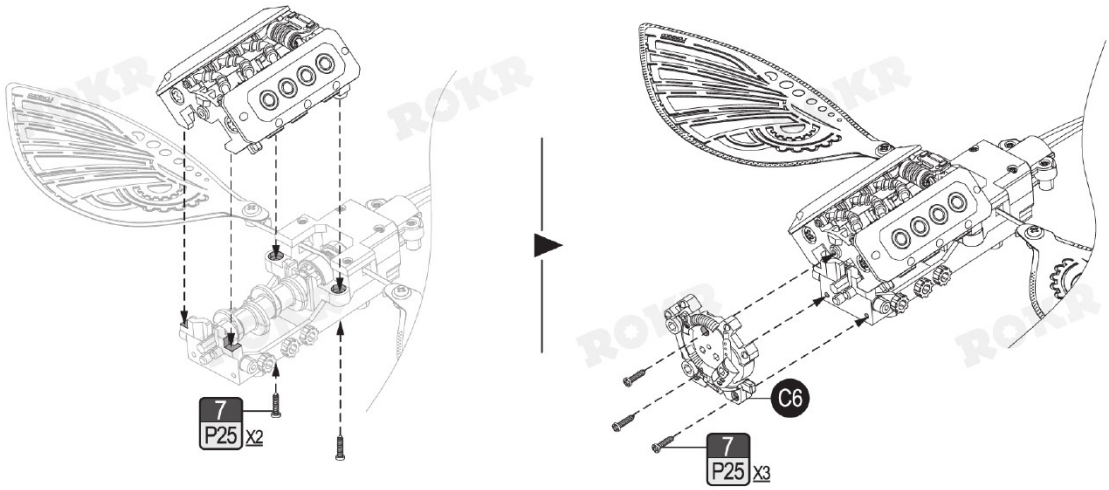


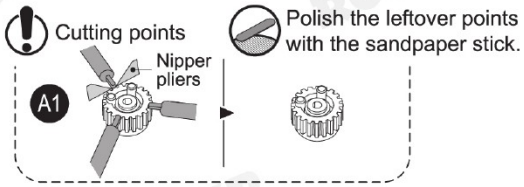


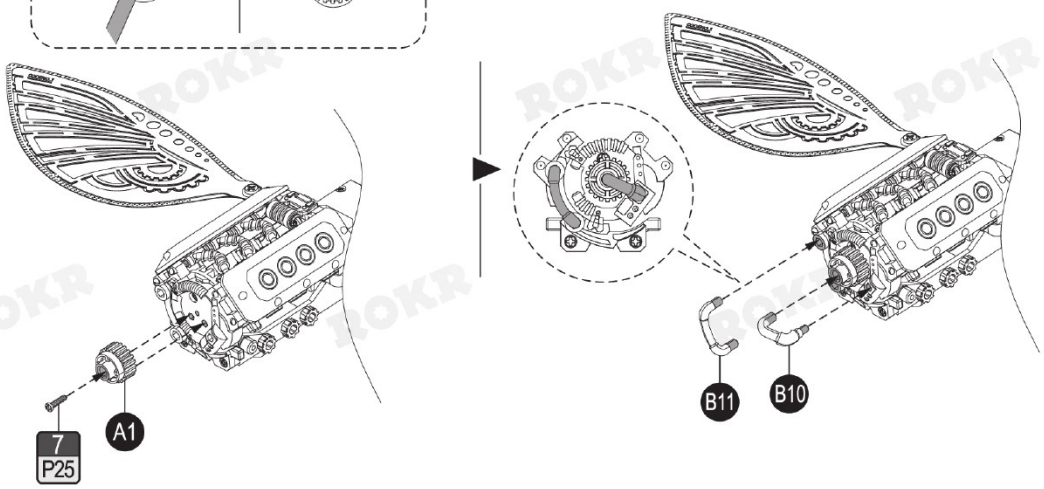


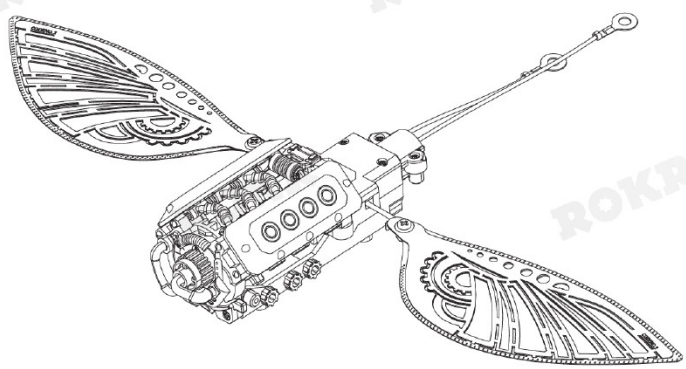
cotton swab	grease

Lubricate the shaded part with grease dipped in a cotton swab.


7
P25 X2
C6
7
P25 X3


Cutting points
Nipper pliers
A1
Polish the leftover points with the sandpaper stick.


7
P25
A1
B11
B10



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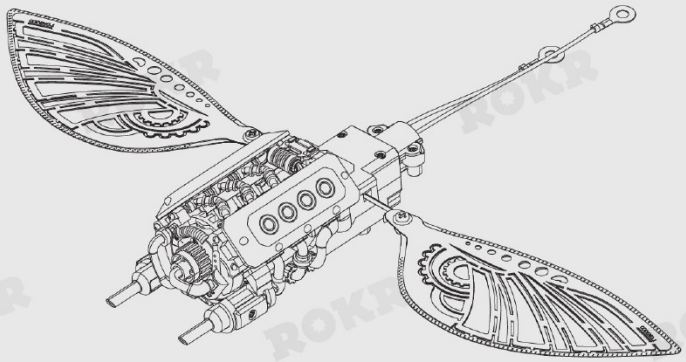

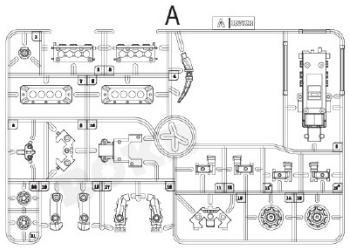
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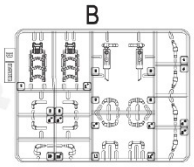
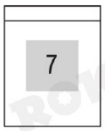

B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5

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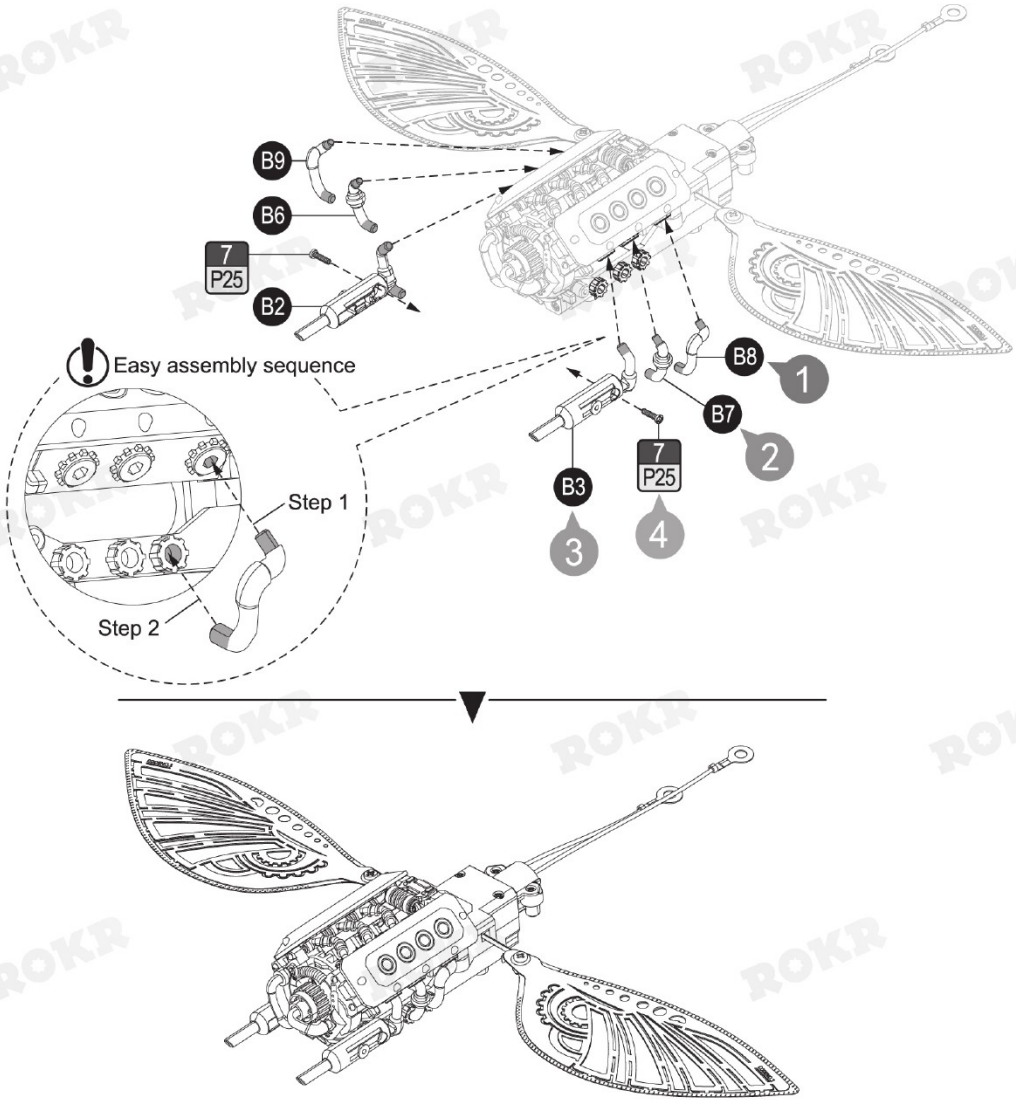
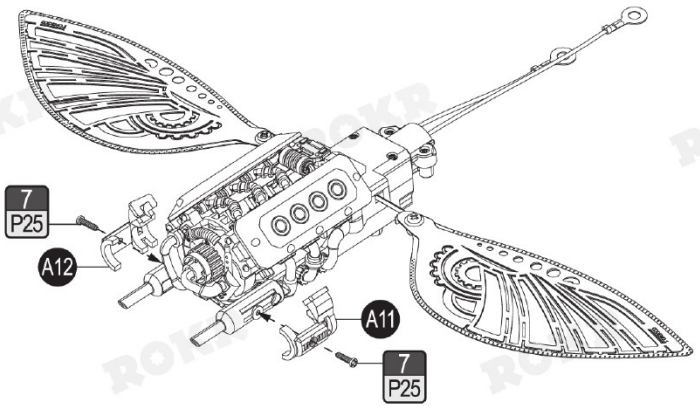
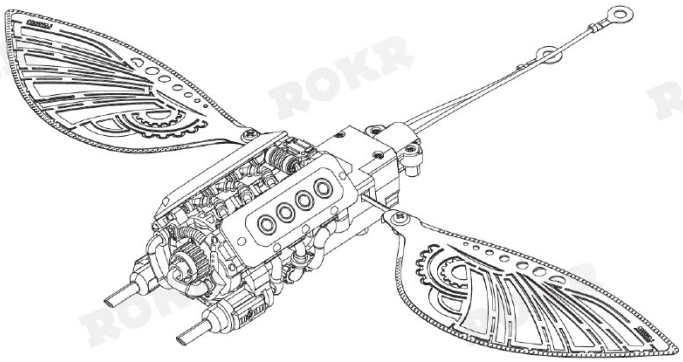

B9
B6
7
P25
B2
Easy assembly sequence
Step 1
Step 2
B8
1
B7
2
B3
3
7
P25
4

5

<2>





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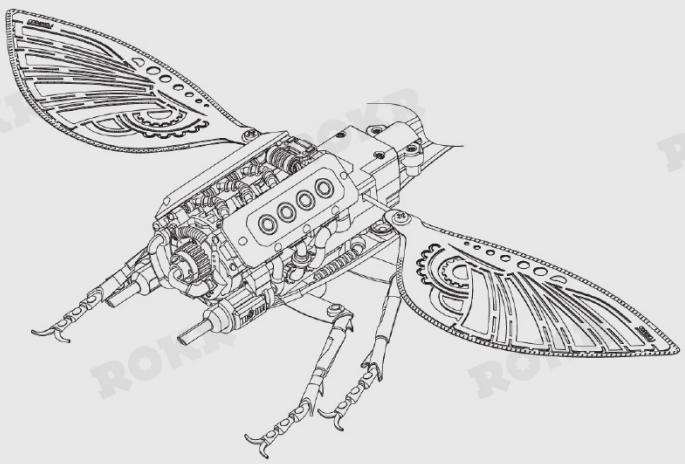

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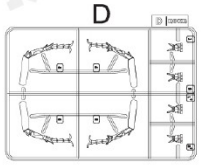
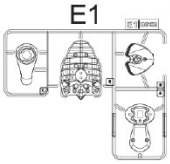


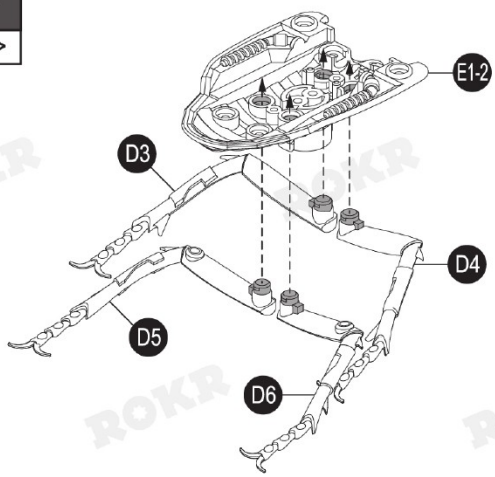
E1



2	3	8

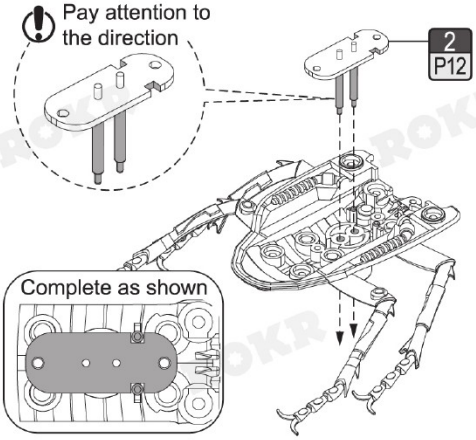
6

<1>

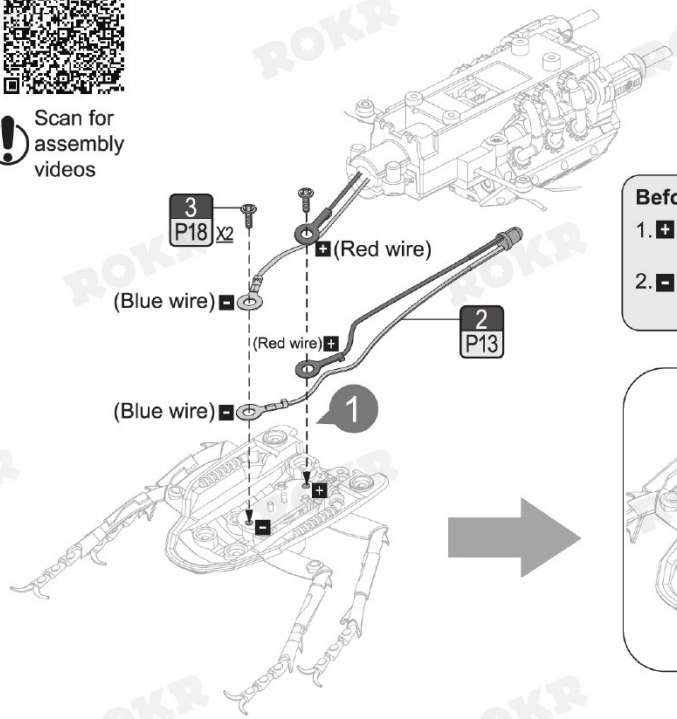


2 P12 Before assembling P12, remove the silicone protective cover.

Pay attention to the direction

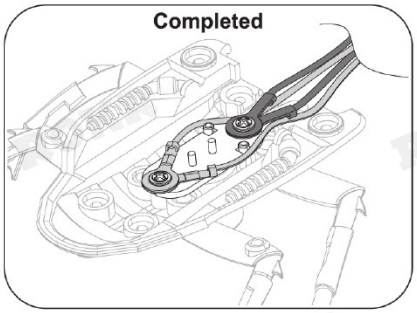


Scan for assembly videos

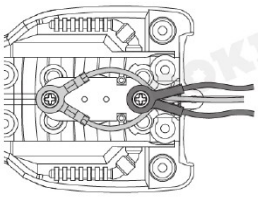


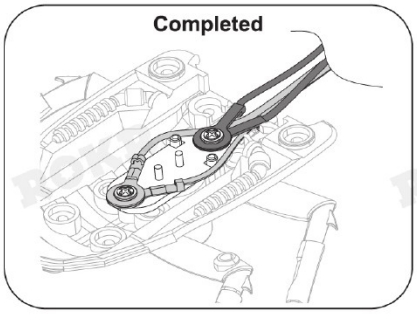
Before installing, please note:

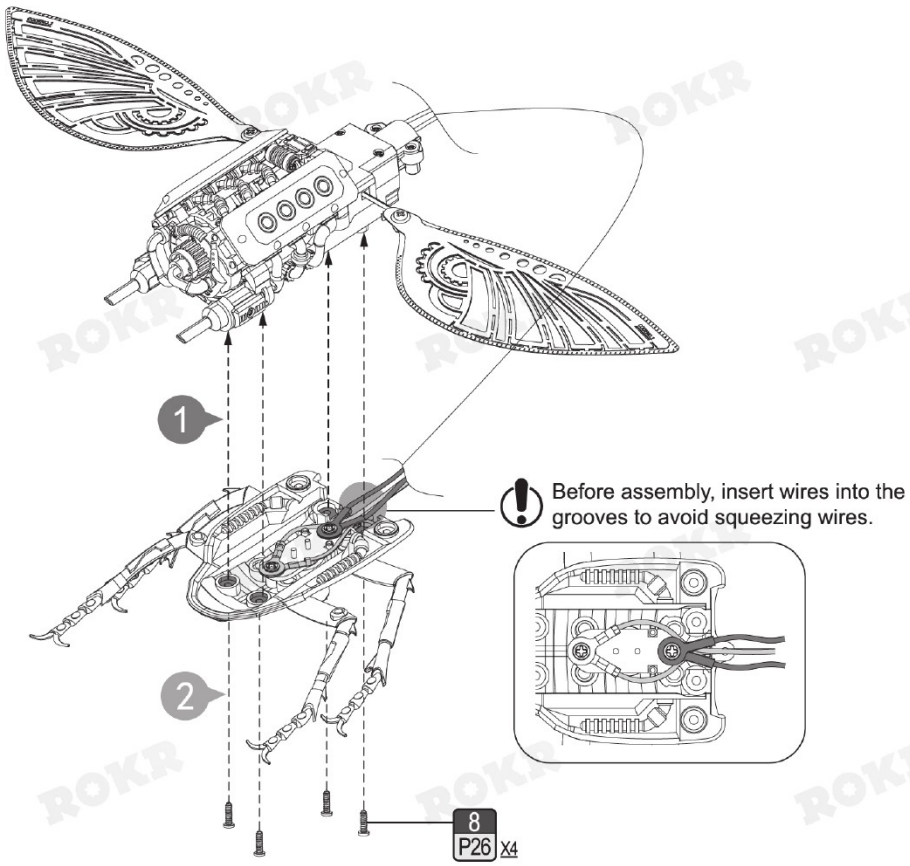
1. +:positive (red wire,short)— blade terminal direction
2. -:negative (blue wire, long)— blade terminal direction

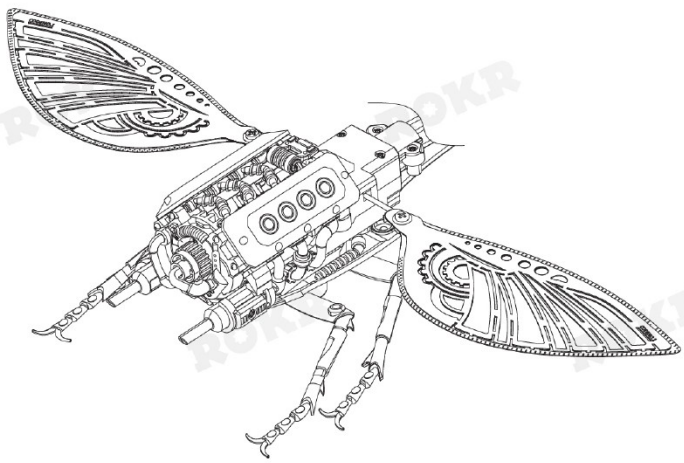


2 Press the blue wire with the blade terminal of red wire to secure.

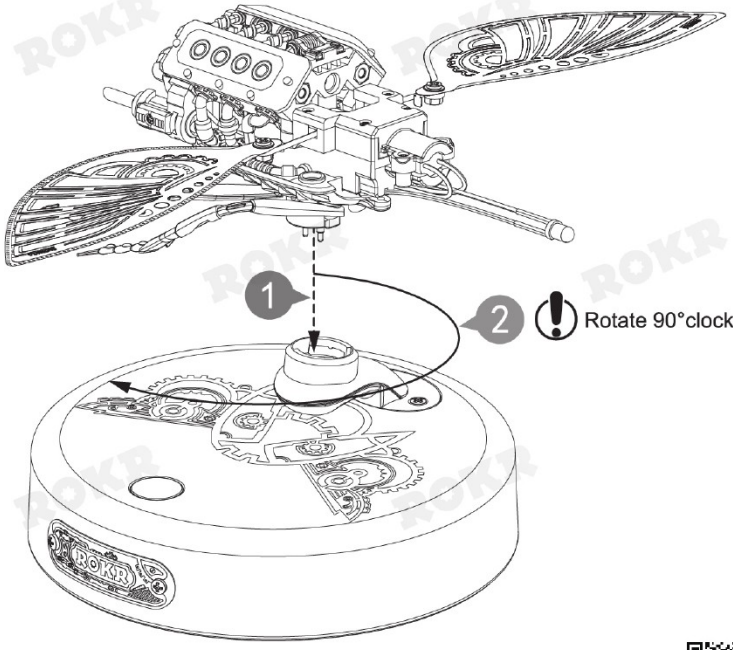





1
2
Before assembly, insert wires into the grooves to avoid squeezing wires.
8
P26 X4

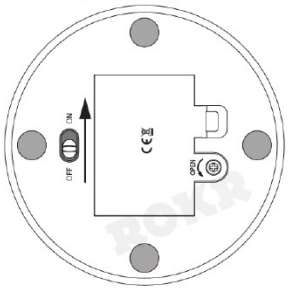


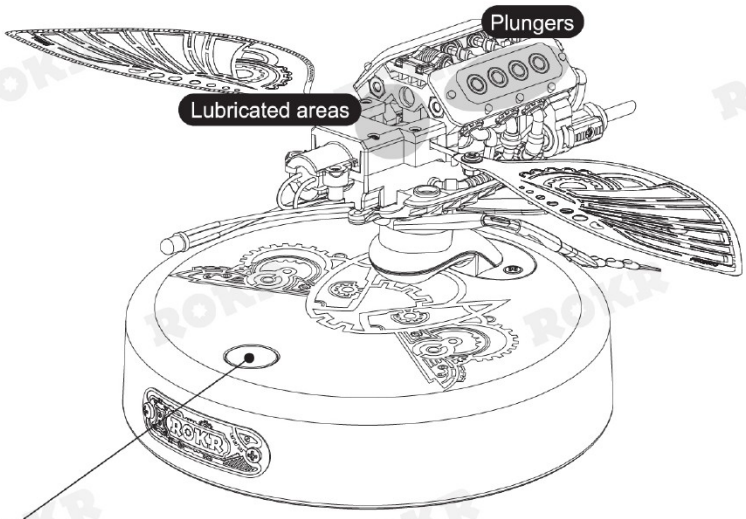
7 Test



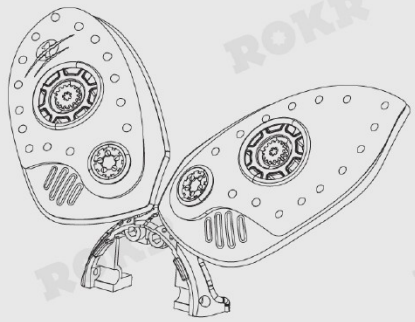
Scan for videos of causes and solutions

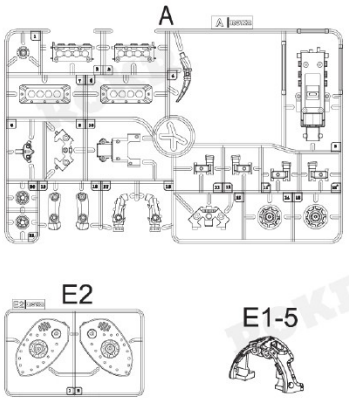
New and old batteries cannot be mixed in use, which may cause low voltage and fail to drive the motor.





1. Turn on the bottom switch.
2. Touch the button and test if wings can vibrate and if the red light is blinking.
3. Solutions for fail vibration:
   a. check the positions of greased areas or gears area.
   b. check if the part of the plunger operates smoothly (flip over the beetle).





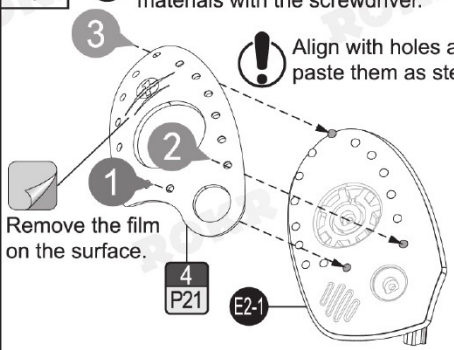
4

6

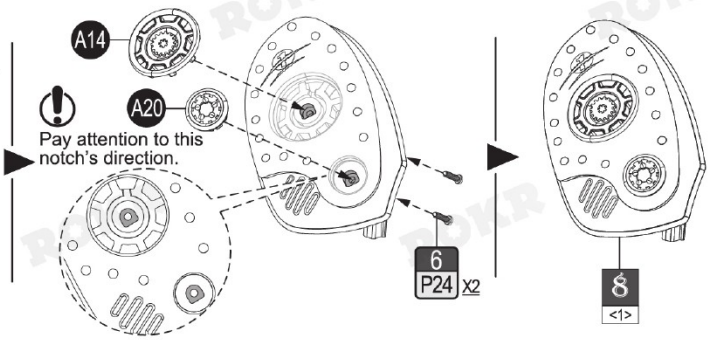
8

<1>

Before assembling the leather, please remove the needless materials with the screwdriver.



Align with holes and paste them as steps.



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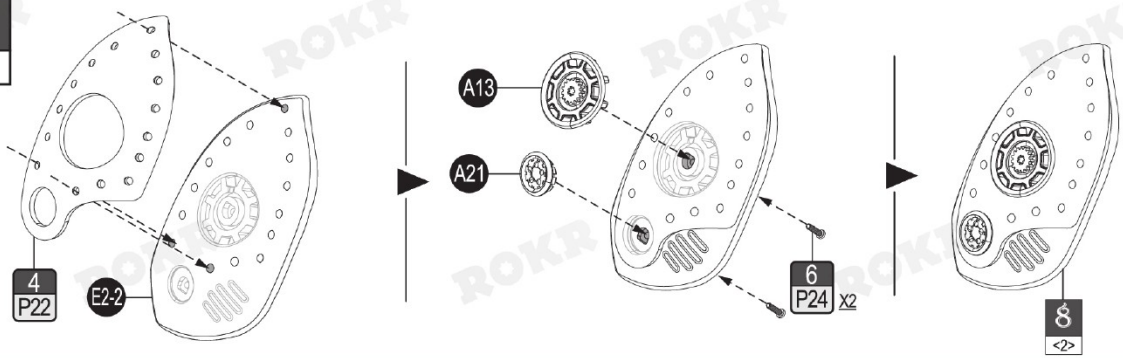

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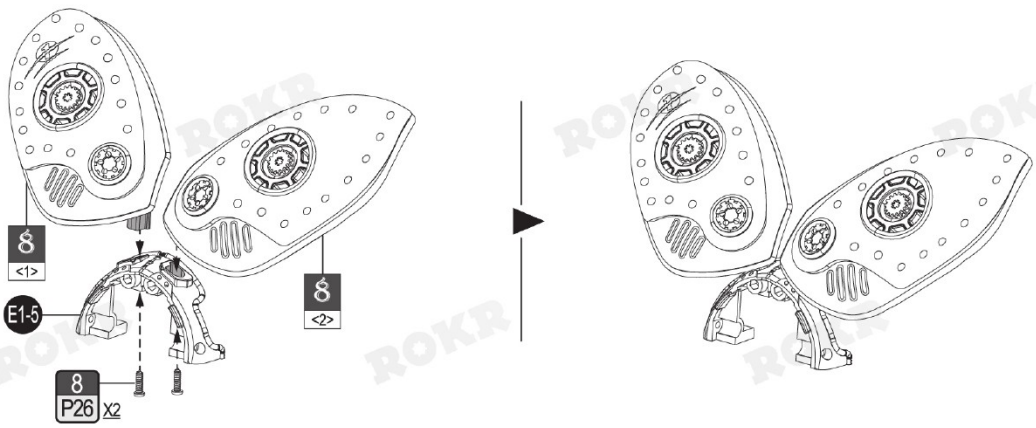

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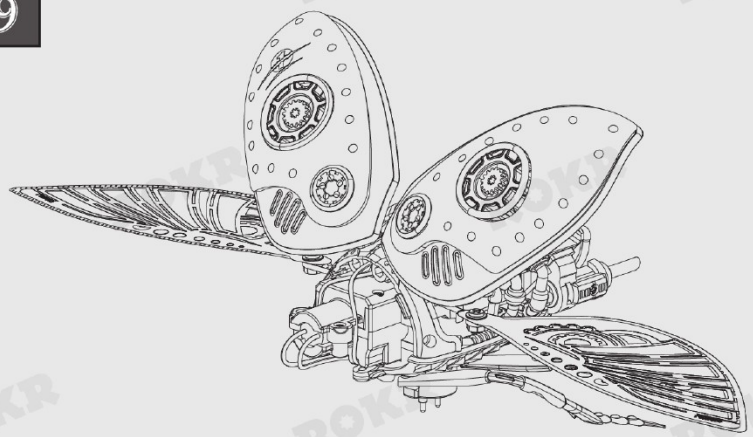

8

9

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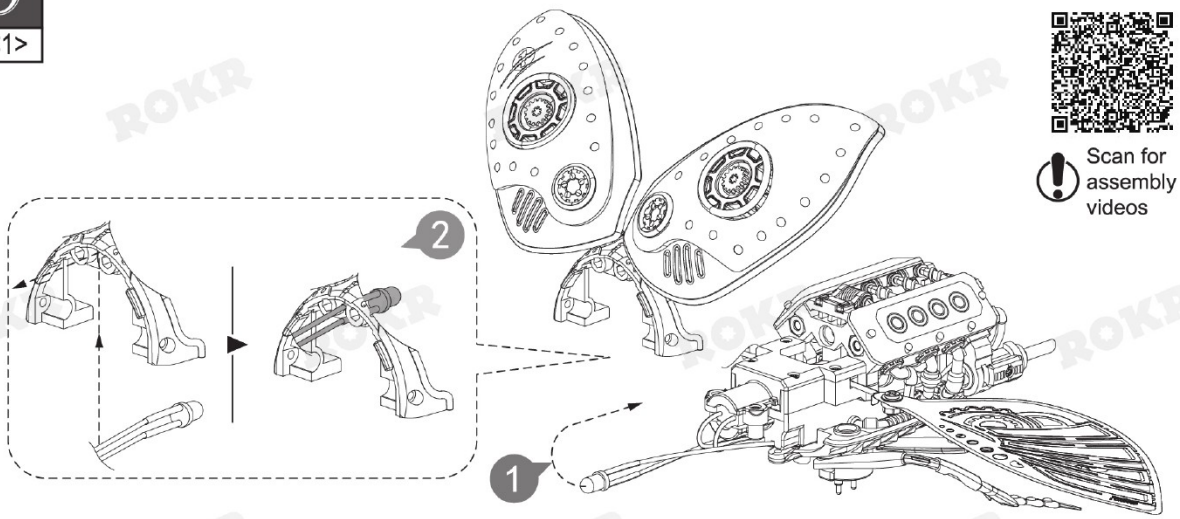
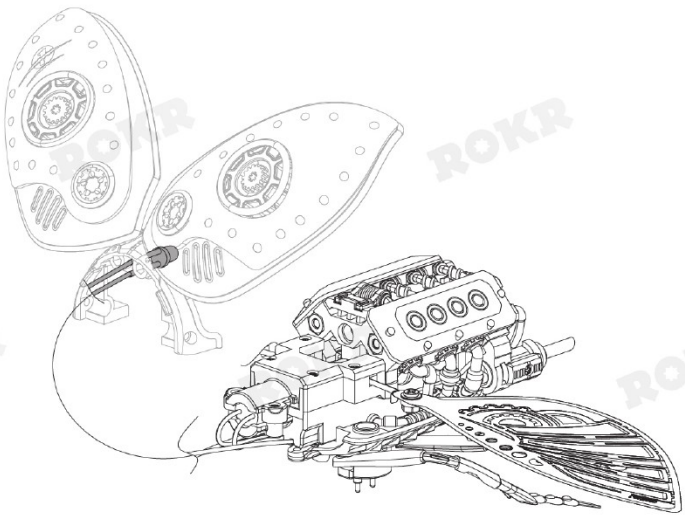


Scan for assembly videos



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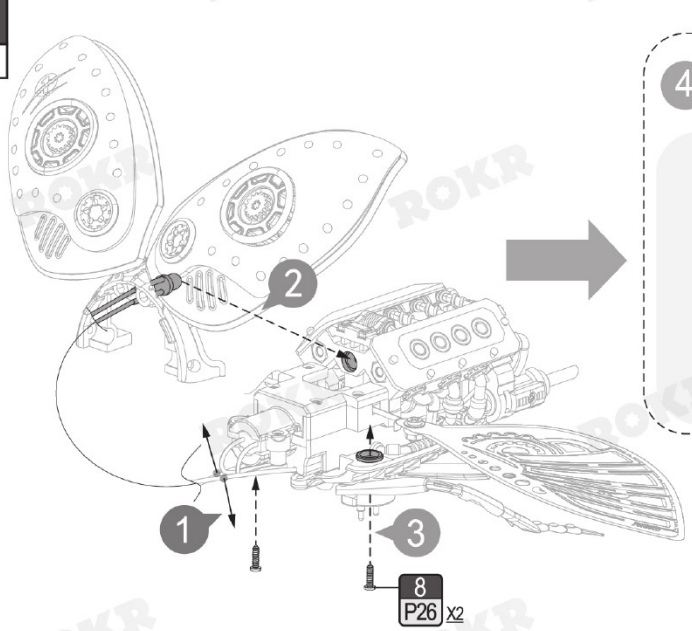
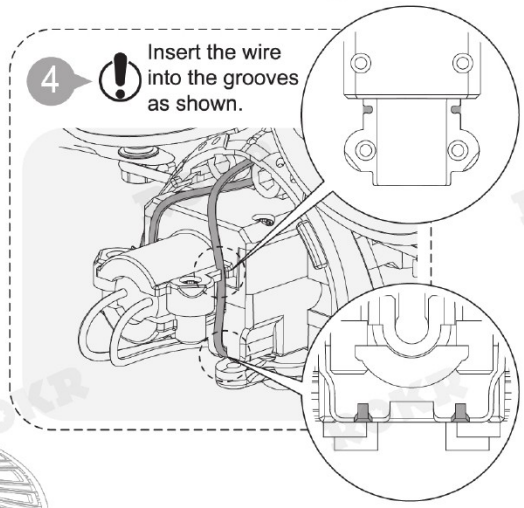
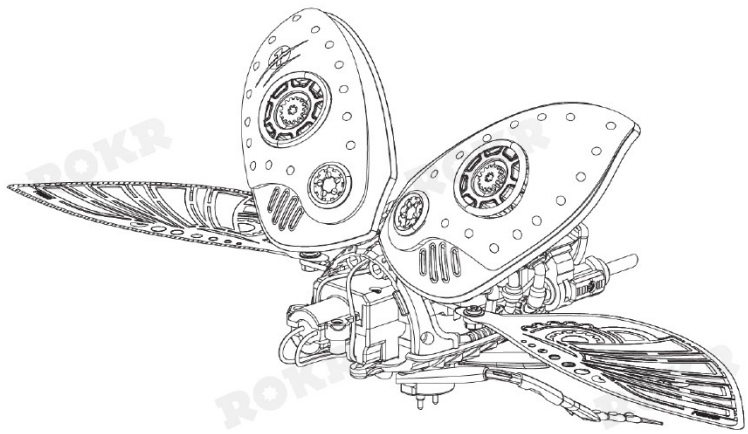

2
1
3
8
P26 X2


4
Insert the wire into the grooves as shown.



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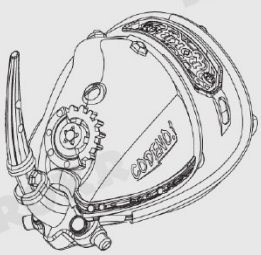

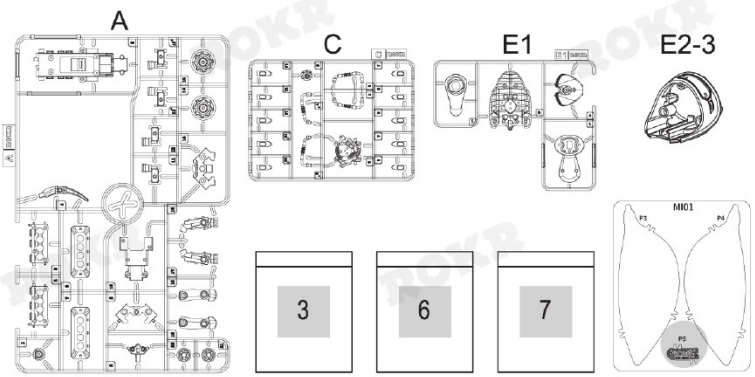
A
C
E1
E2-3
MI01
P1
P4
P2
3
6
7

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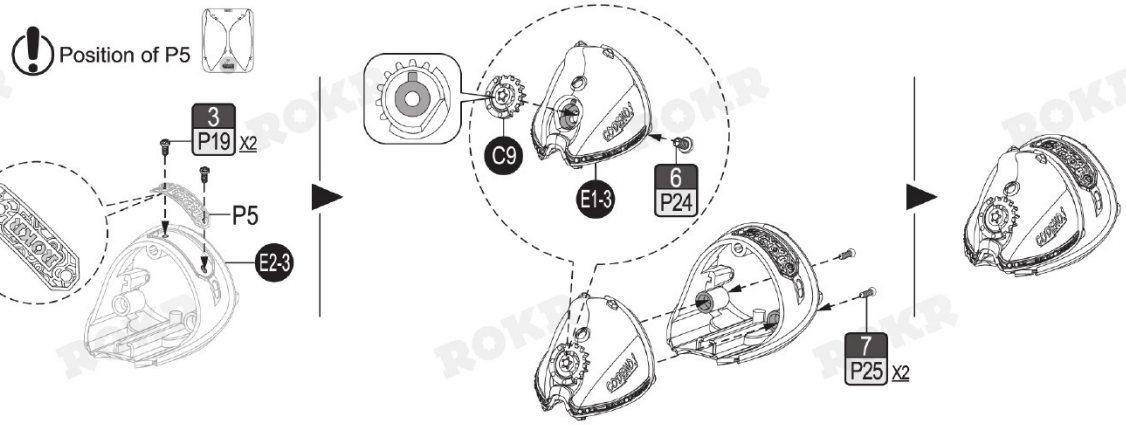

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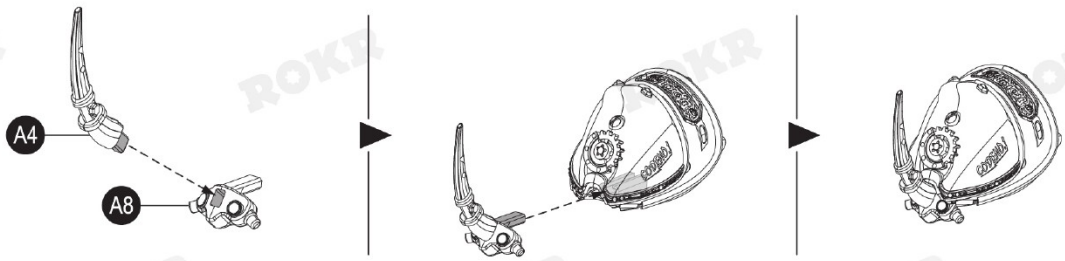

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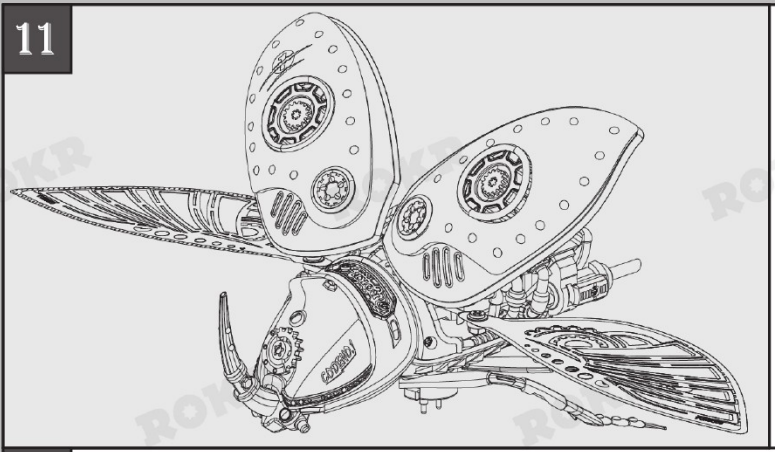

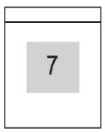

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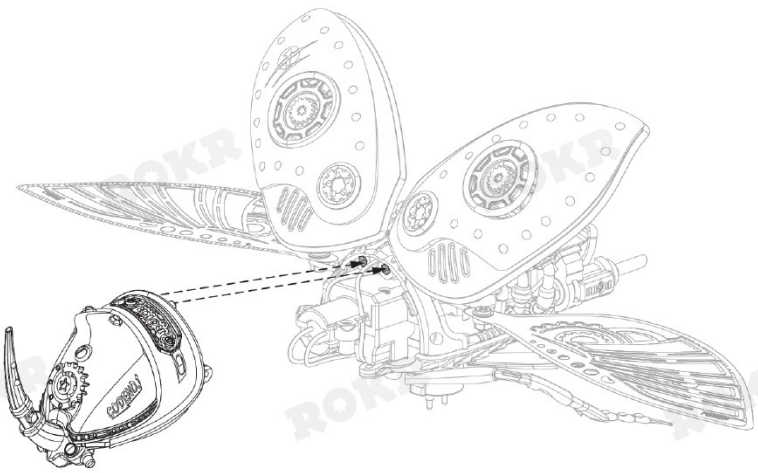
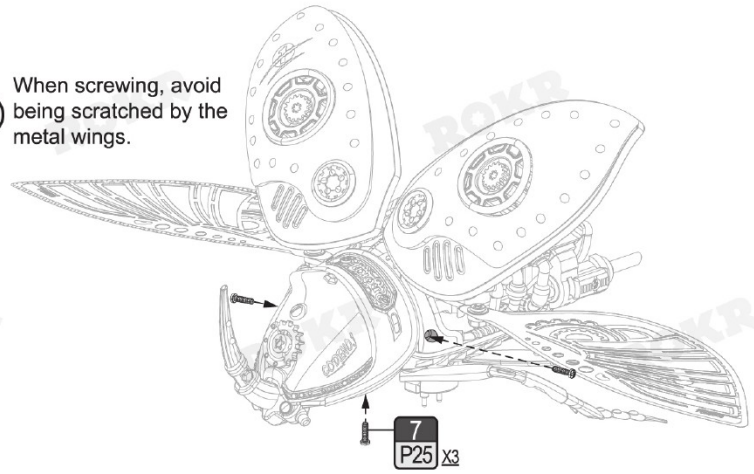
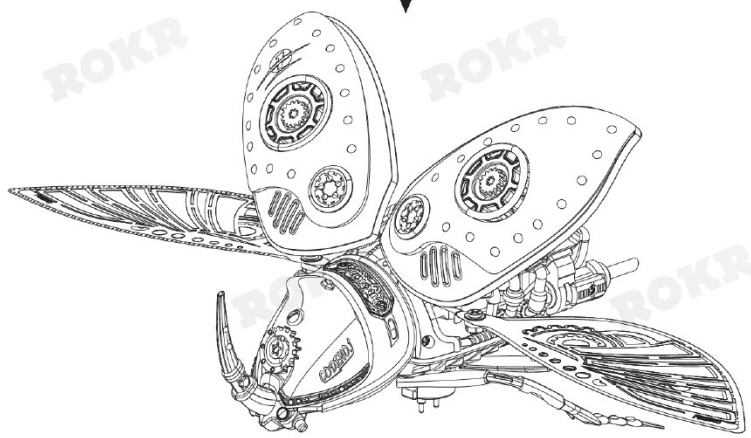


11

<2>

When screwing, avoid being scratched by the metal wings.





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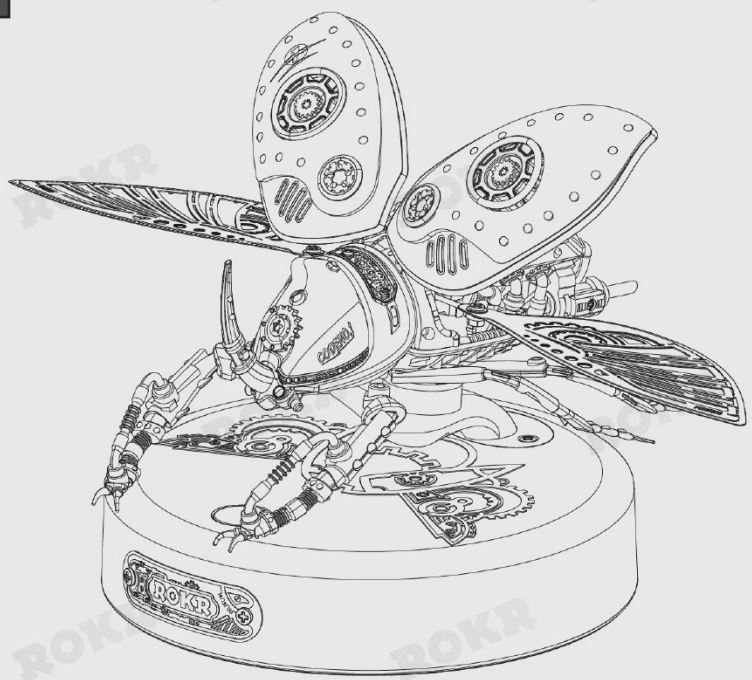

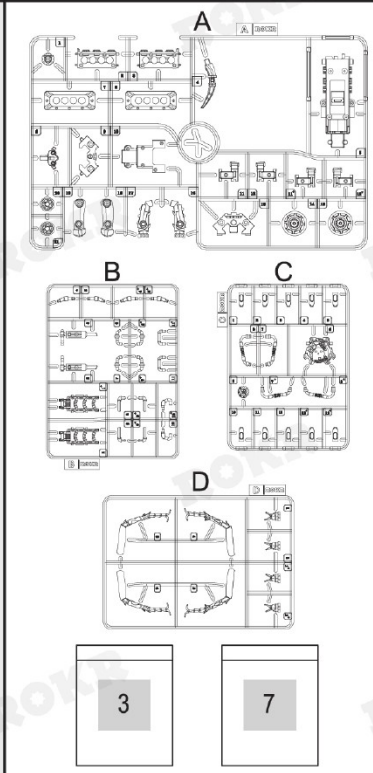

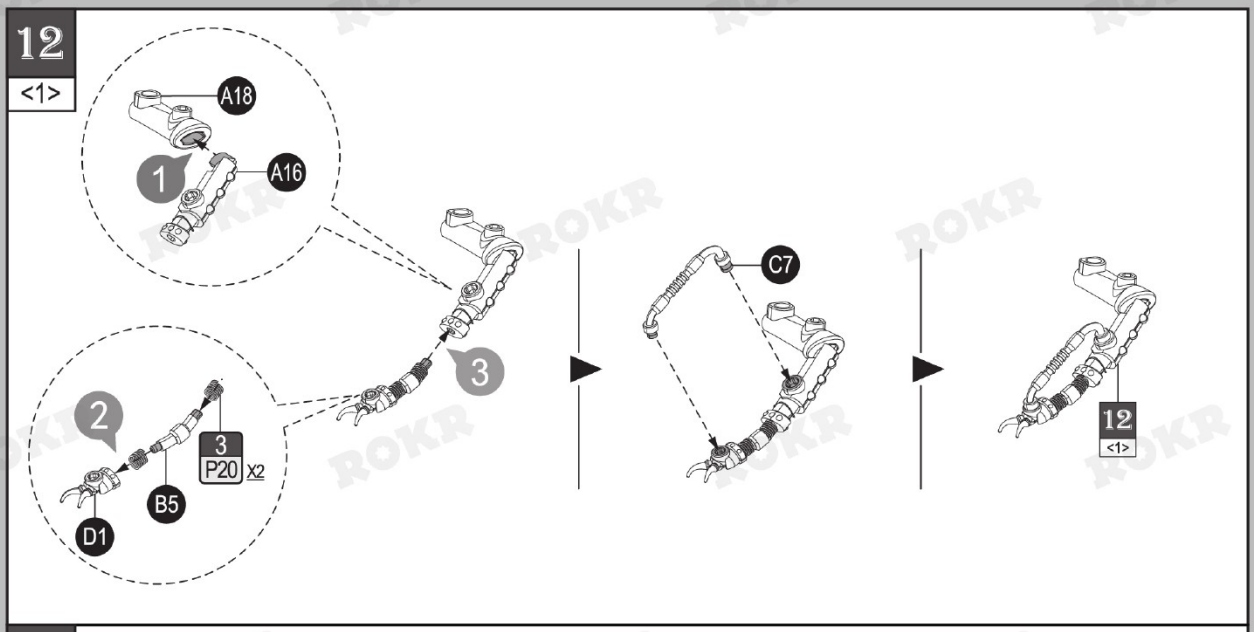
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D1
C7
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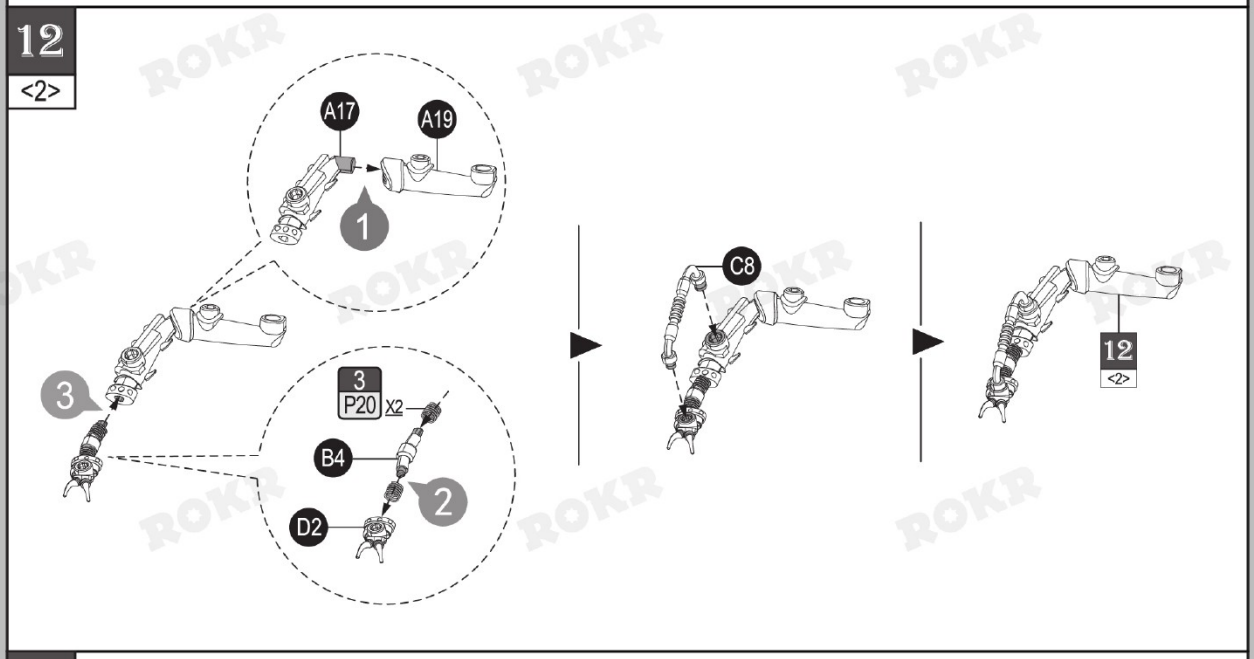
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P20
X2
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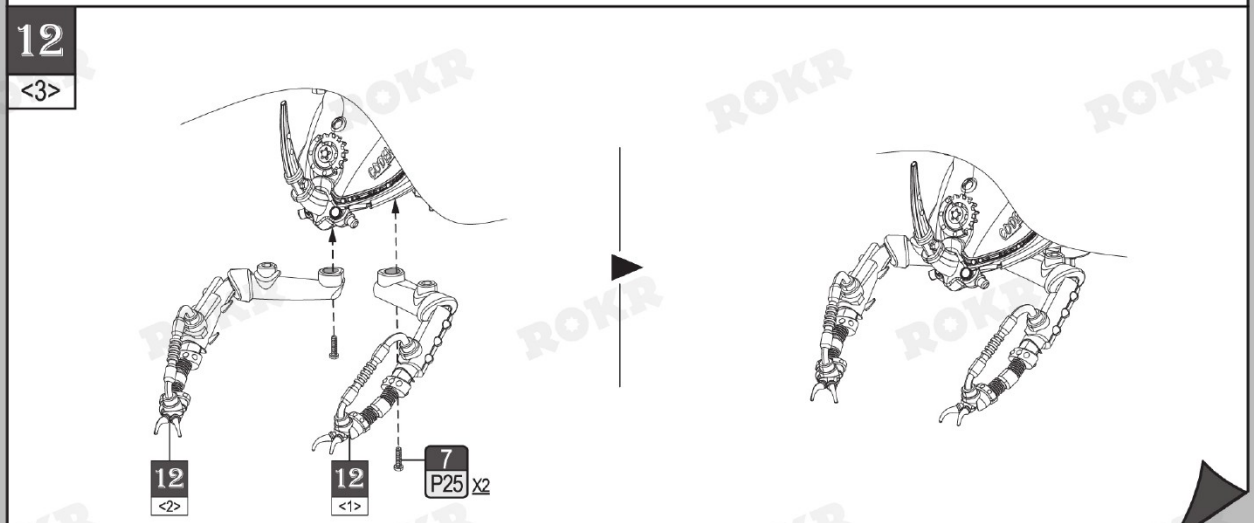
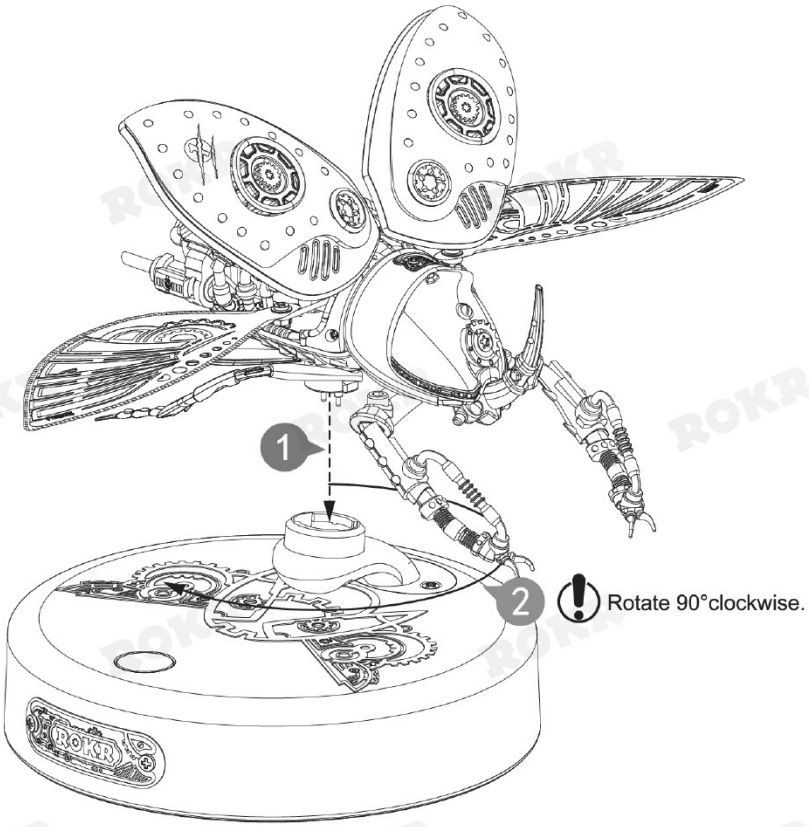
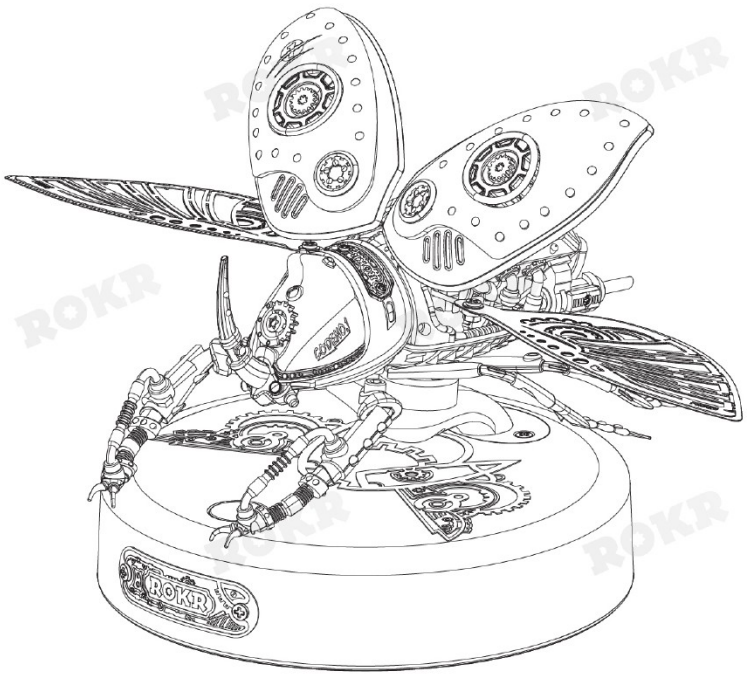
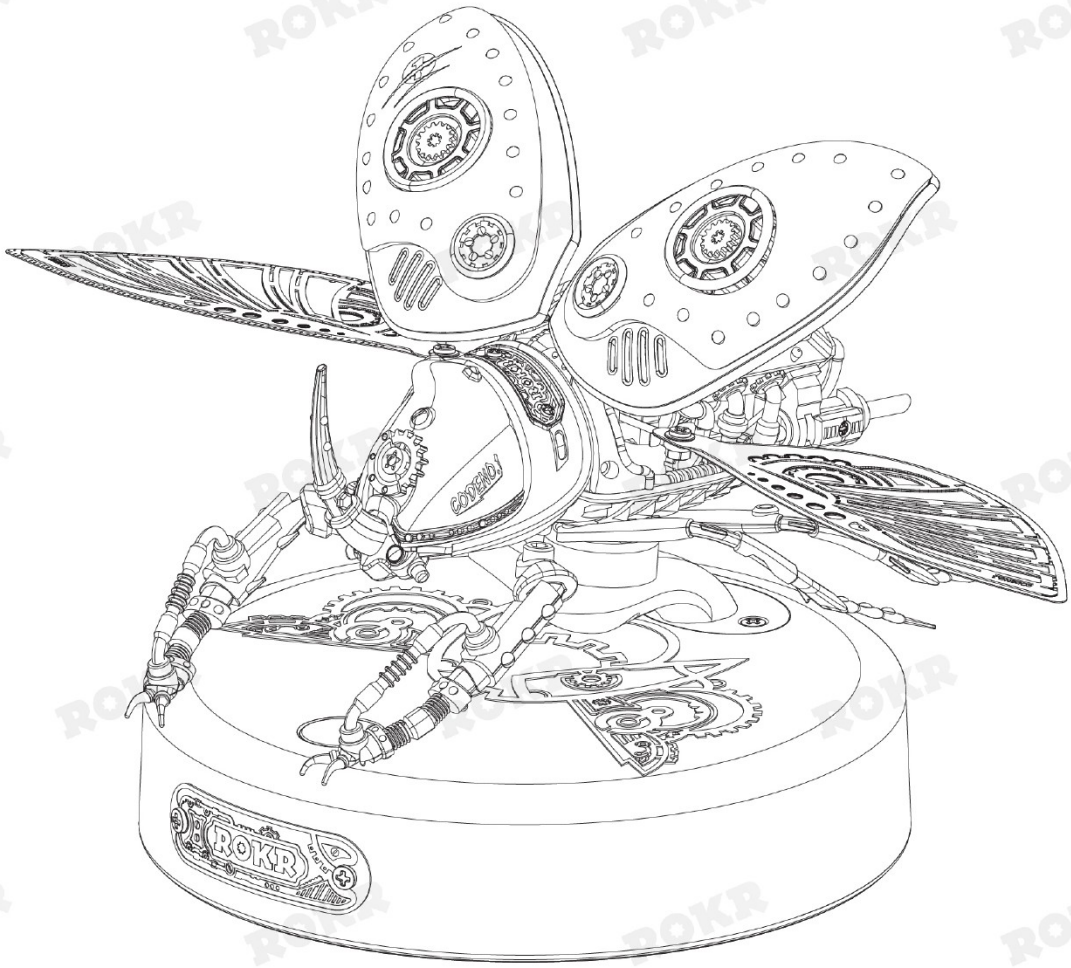
12
<2>


12
<3>
12
<2>
12
<1>
7
P25
X2


1
2
Rotate 90°clockwise.





Scan for videos of causes and solutions

Note:

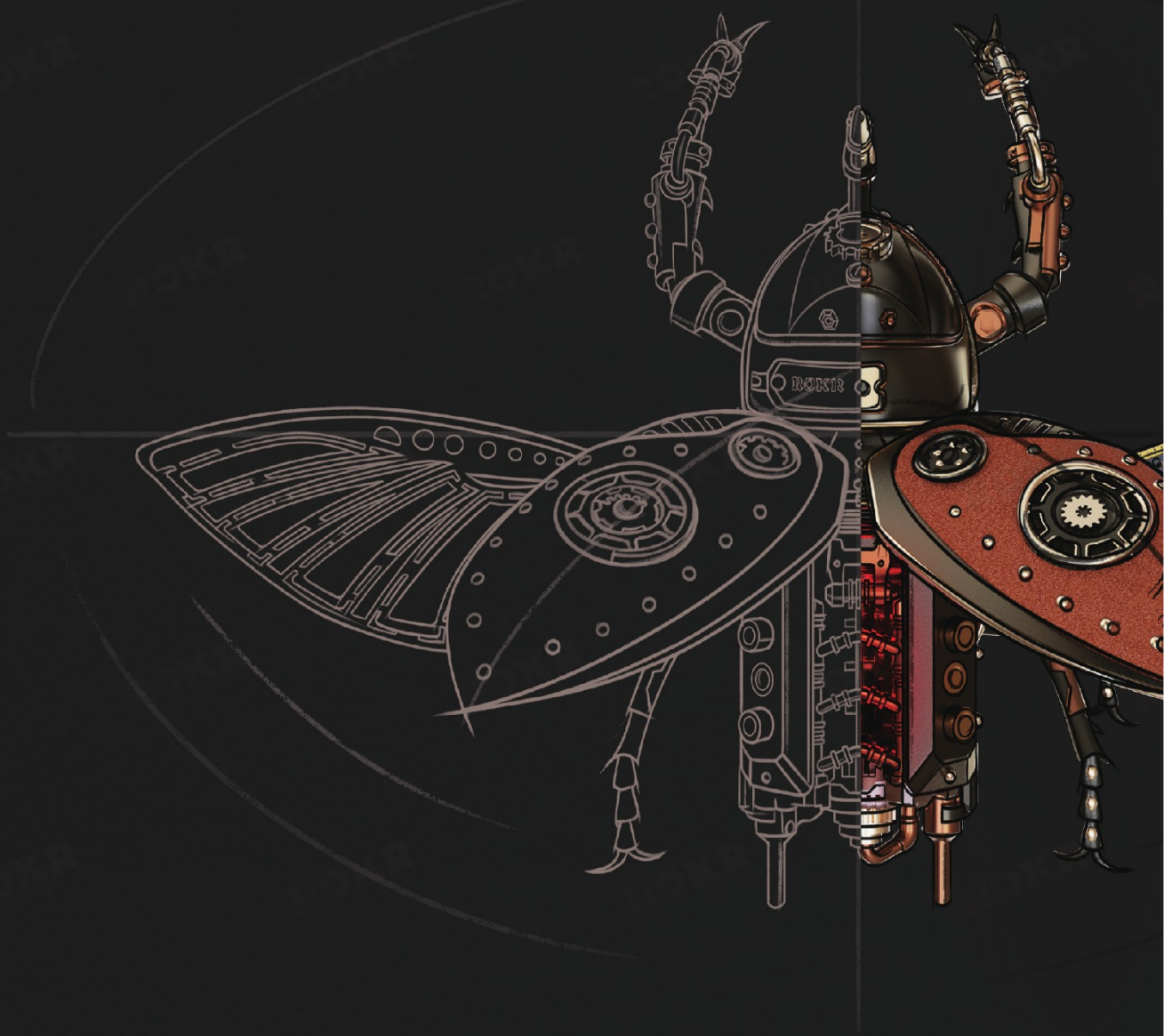
1. After starting, it can run continuously for 3 minutes (It will automatically stop after 3 minutes, so do not worry about forgetting to turn it off).
2. Insufficient power may cause the wing to vibrate slowly or stop vibrating. Please replace the battery.
3. Do not touch the wings and exposed gears during operation to prevent hurt.
4. Please keep the toolkit of the product properly for later maintenance.

RHINOCEROS BEETLE

ROKR

MECHANICAL AGE

CODENO01



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