

# cebekit

## EDUCATIONAL SOLAR KIT 6X1 C-0117



### TOOLS YOU NEED

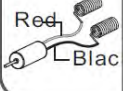









Diagonal Cutter



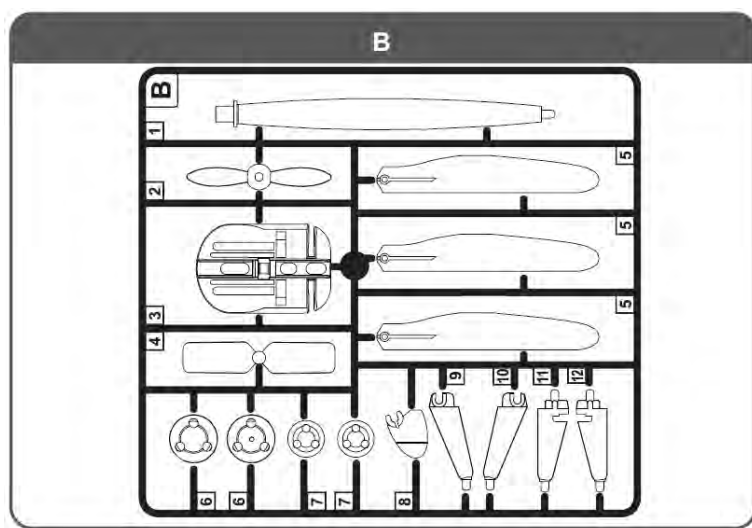
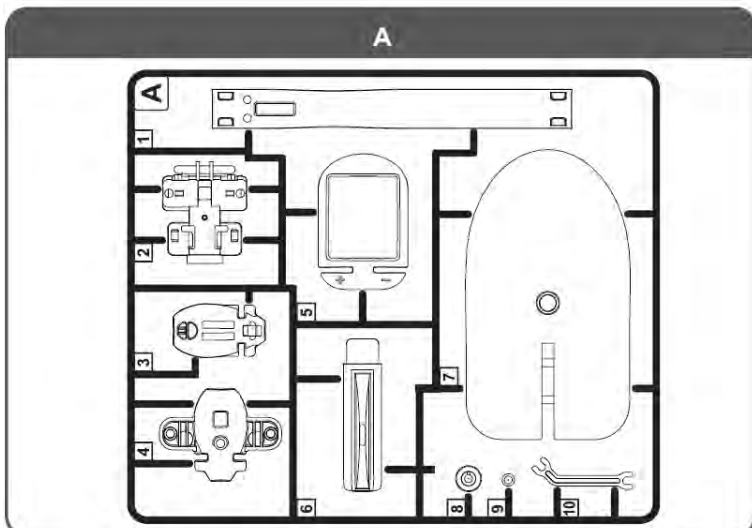
This is an excellent beginner educational solar kit, teach the basic solar power principles and also how it drives the motor and makes movements of each model.

Kit provides full set of plastic parts, solar panel and all necessary parts, user can easily use those parts to build 6 different models. Suitable for ages 10 and up.

### MECHANICAL PARTS LIST



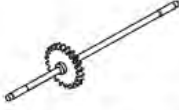



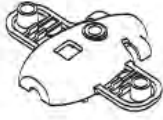
<b>P1 Motor With Spring</b>  Qty Red 1 Black 1	<b>P2 Solar Panel With Springs</b>  Qty 1	<b>P3 Pinion Gear (yellow)</b>  Qty 1	<b>P4 Round Shaft</b>  Qty 1	<b>P5 Gear With Shaft</b>  Qty 1	<b>P6 Adhesive Sponge</b>  Qty 2
<b>P7 9cm White Wire</b>  Qty 1	<b>P8 9cm Green Wire</b>  Qty 1	<b>P9 23cm White Wire</b>  Qty 1	<b>P10 23cm Green Wire</b>  Qty 1		

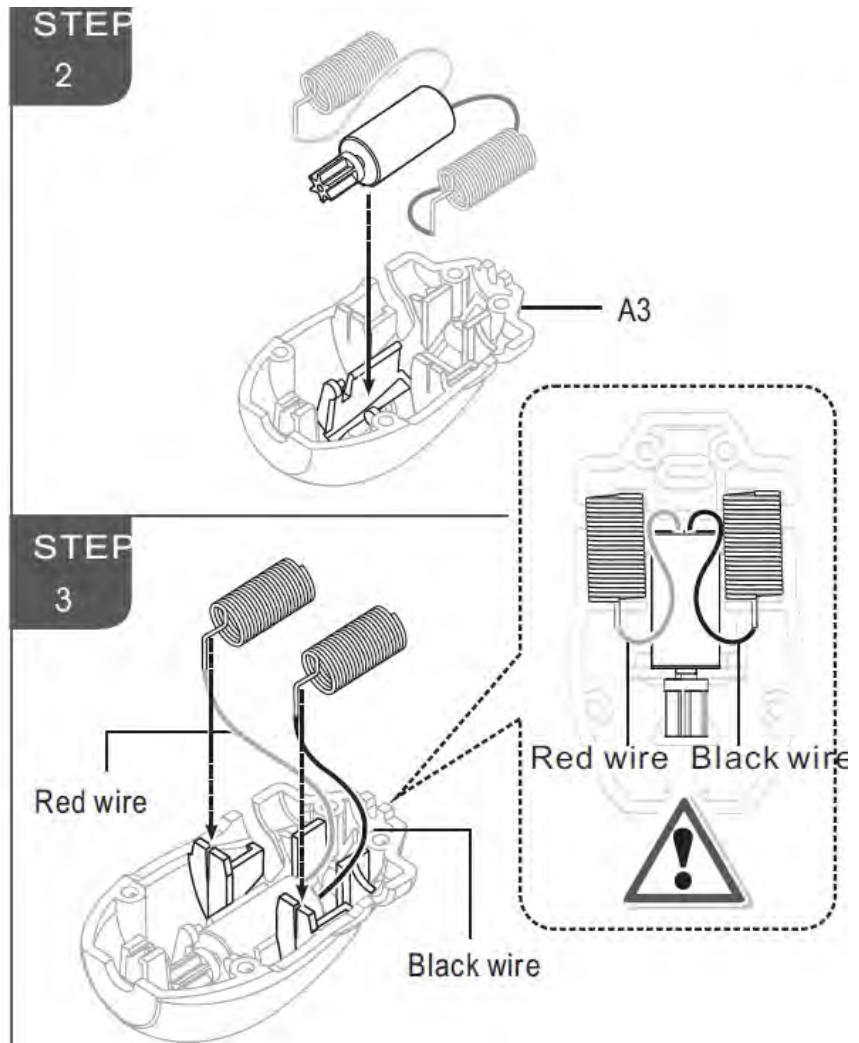
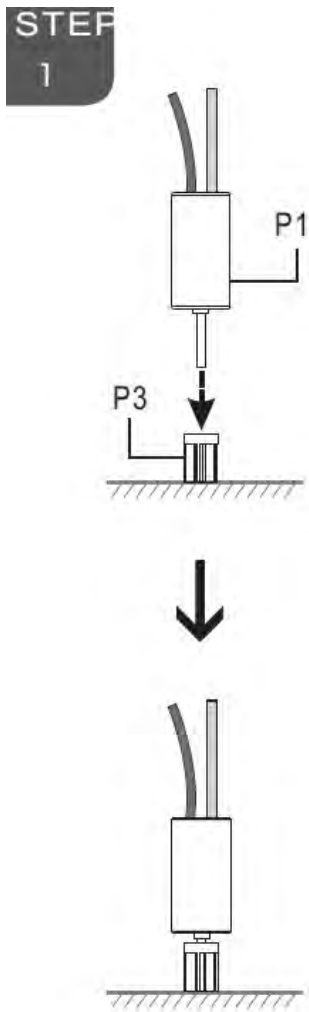
### PLASTIC PARTS



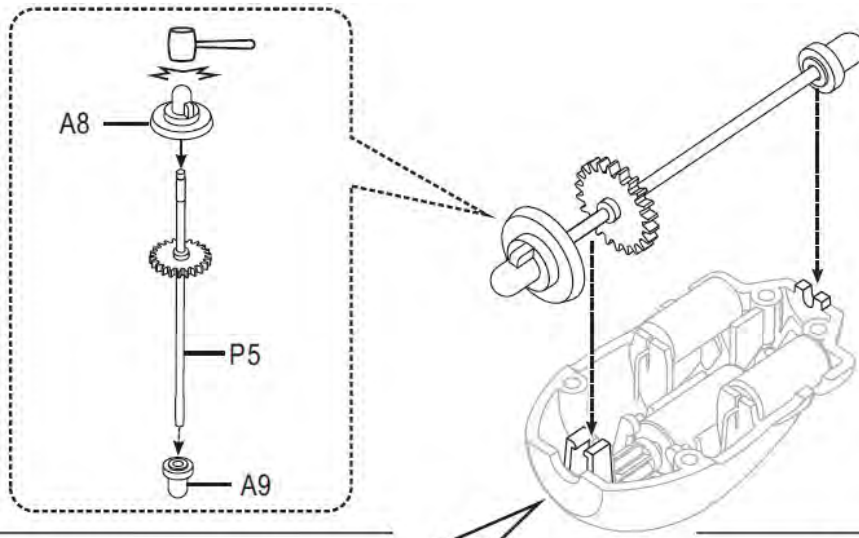
# GEAR BOX ASSEMBLY

**Parts Required**

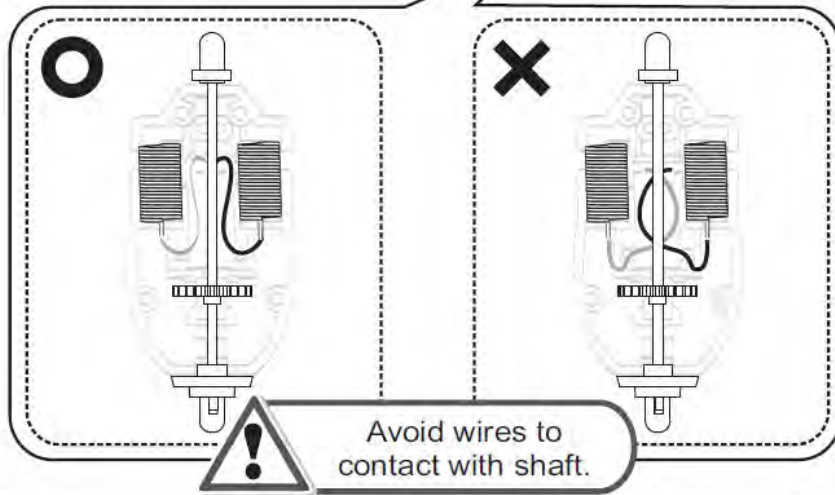
 <b>P1</b>	 <b>P3</b>	 <b>P5</b>	 <b>A9</b>
 <b>A8</b>	 <b>A3</b>	 <b>A4</b>	



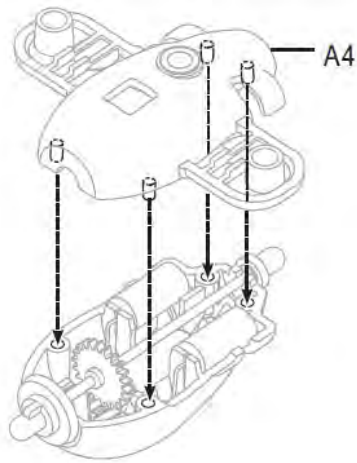
**STEP**  
4



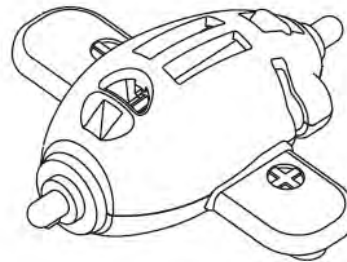
**STEP**  
5



**STEP**  
6



**STEP**  
7 **Finished Product!**



### SOLAR MODULE ASSEMBLY

#### Parts Required



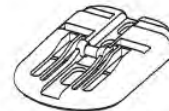
P2



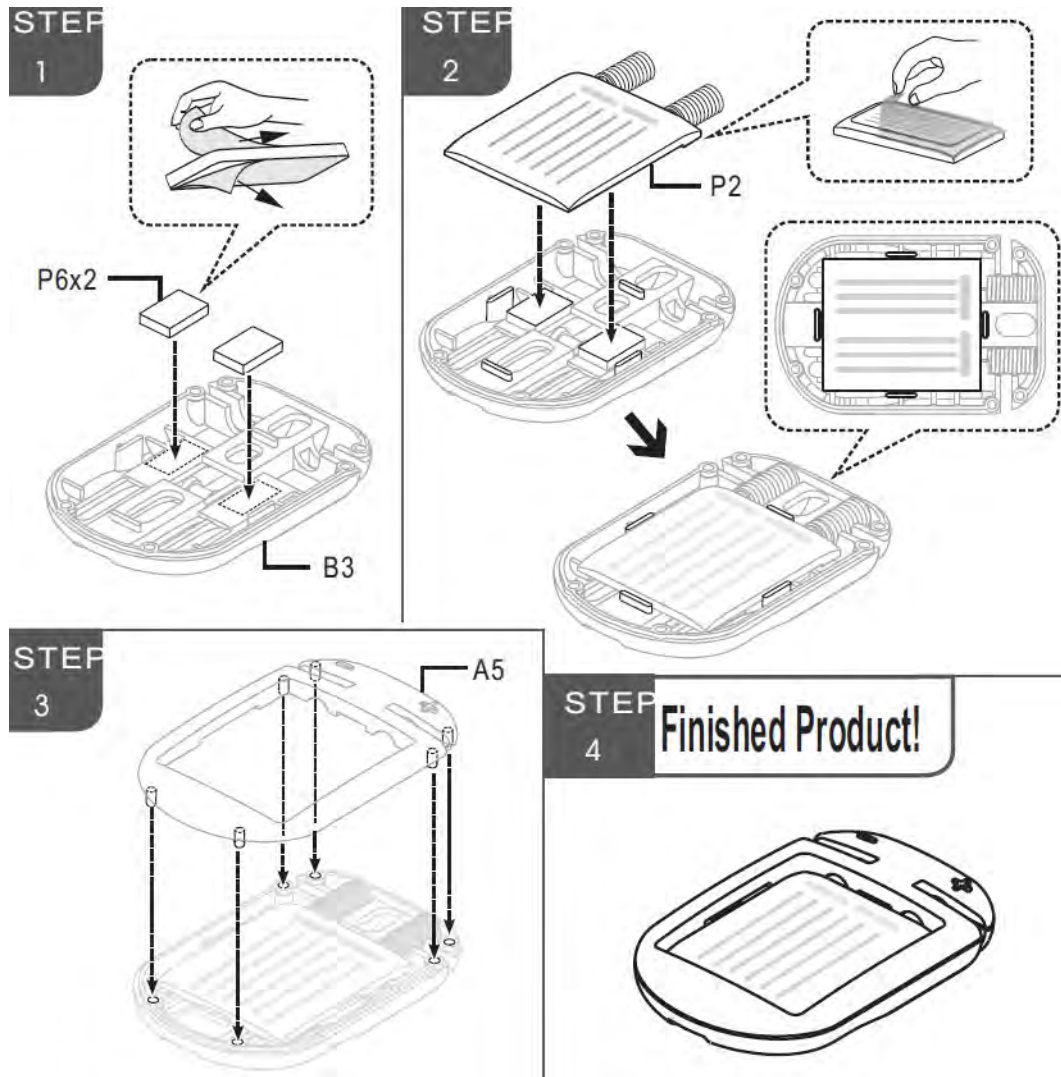
P6 x 2



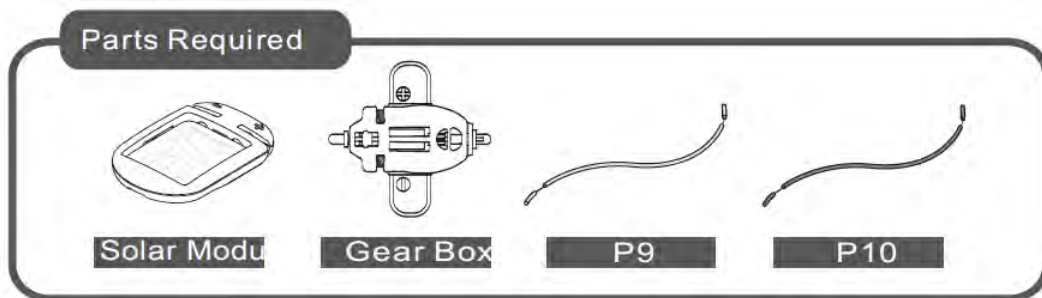
A5



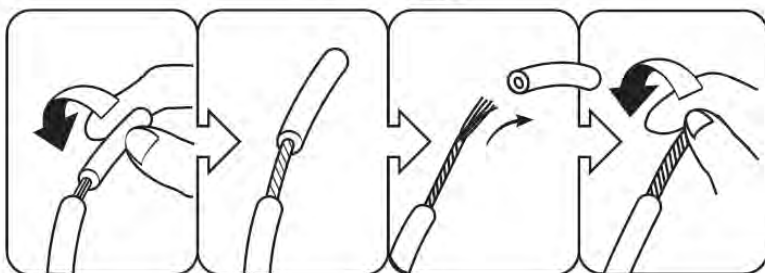
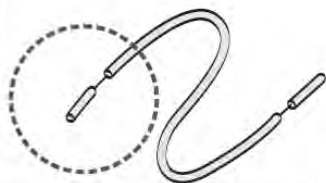
B3



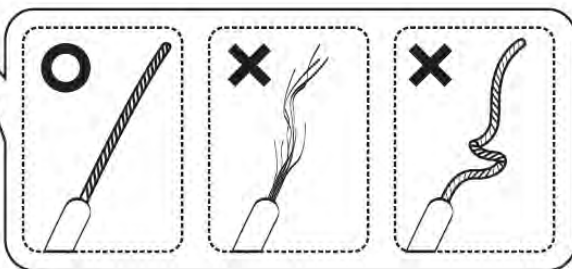
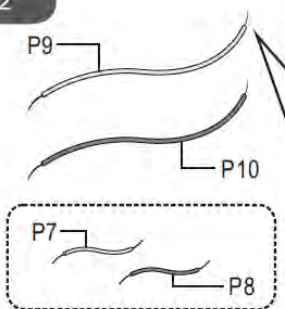
### HOW TO WORK THE GEAR BOX



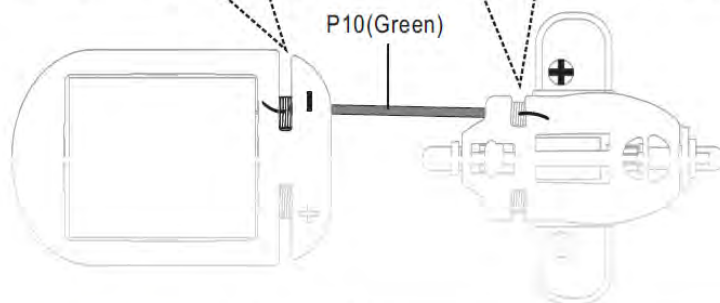
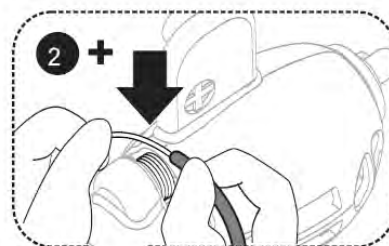
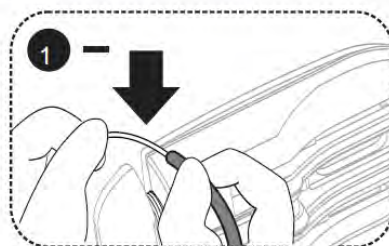
STEP 1 Twist stripped wires:



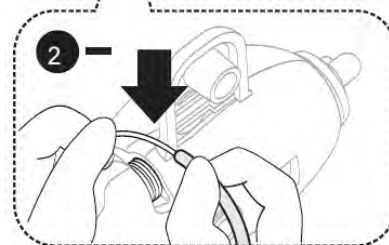
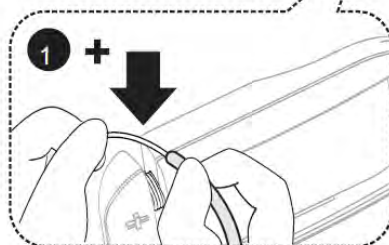
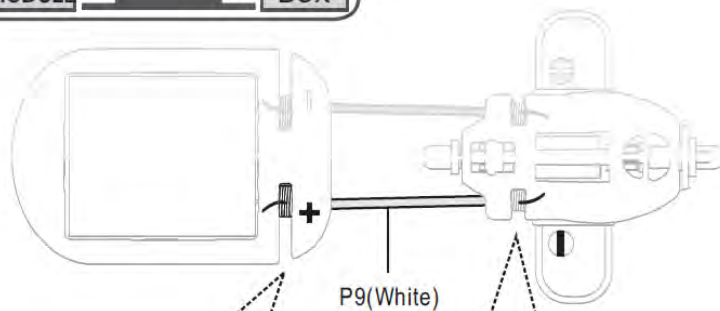
STEP 2



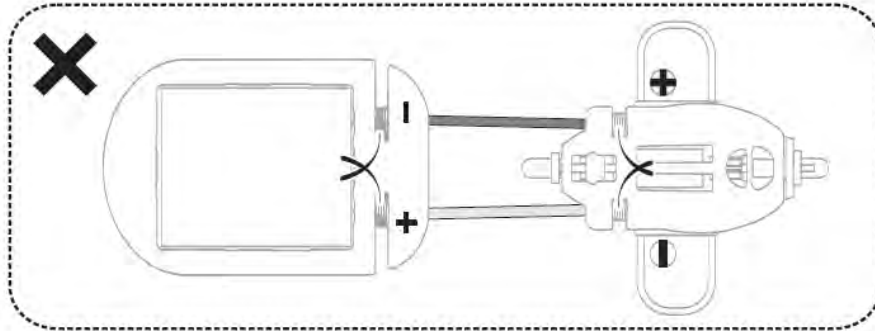
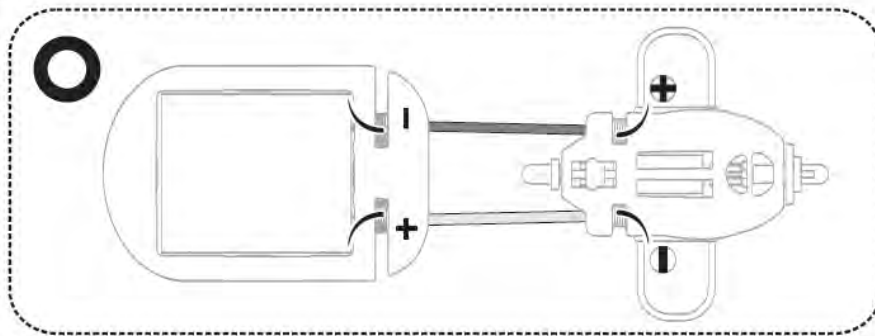
STEP 3 SOLAR MODULE - CONNECT + GEAR BOX



STEP 4 SOLAR MODULE + CONNECT - GEAR BOX

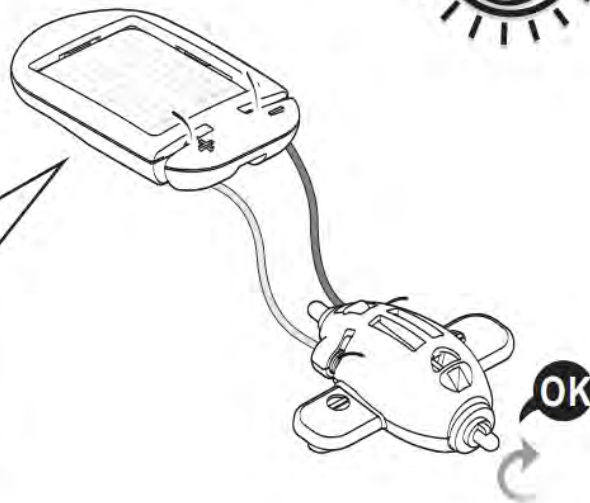
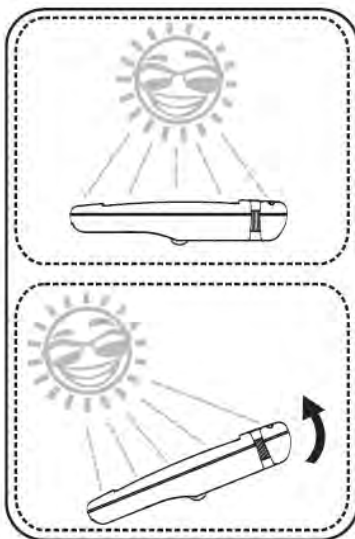


**STEP**  
5



Don't contact the two wires with each other.

**STEP**  
6 Finished Product!

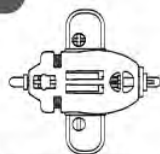


**SOLAR WINDMILL**

**Parts Required**



Solar Modu



Gear Box



P9



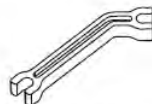
P10



B6



B5x3



A10

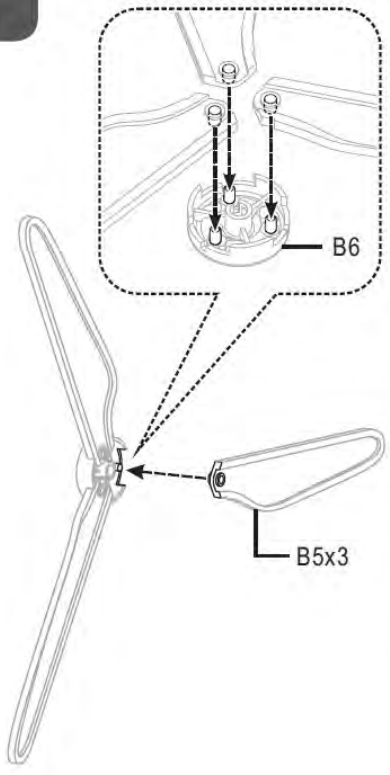


B1

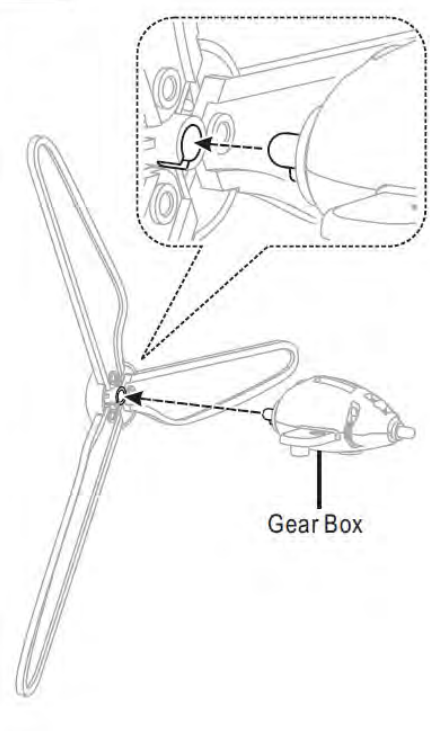


A7

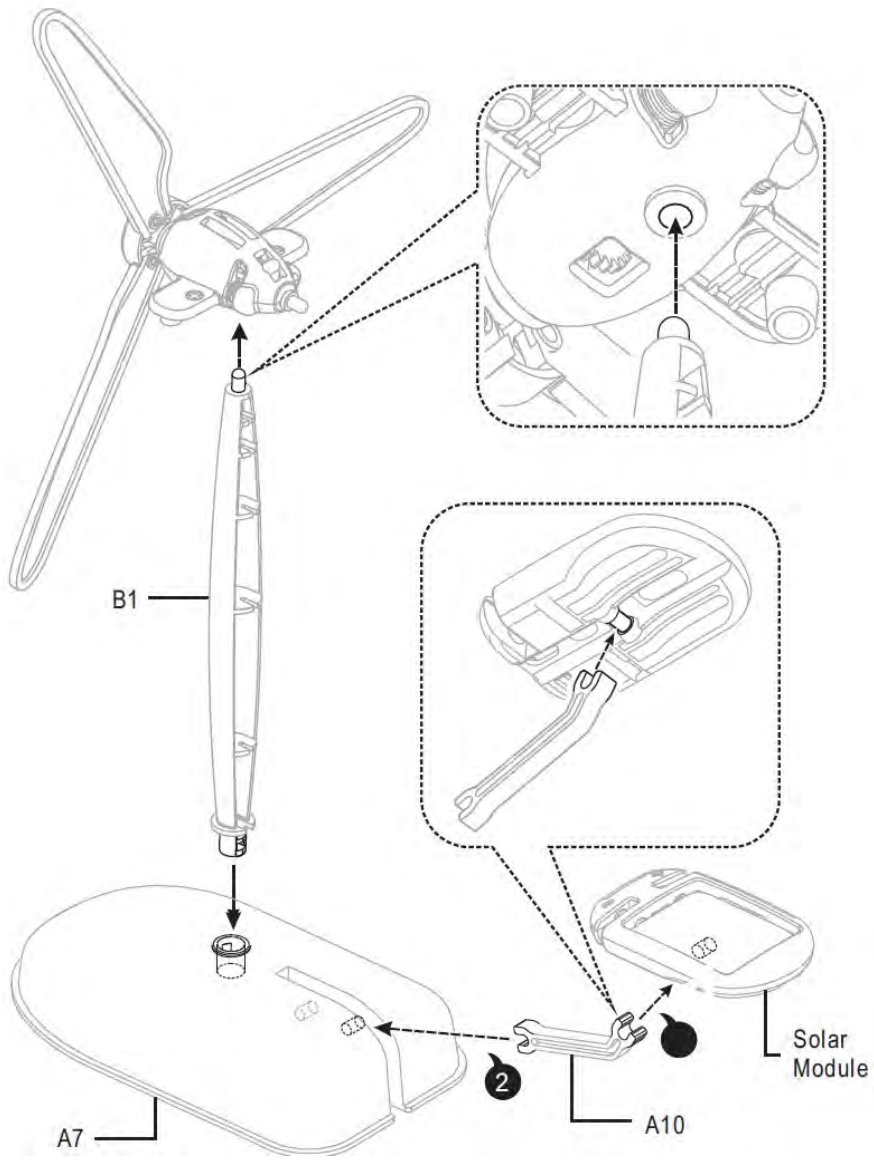
**STEP**  
1

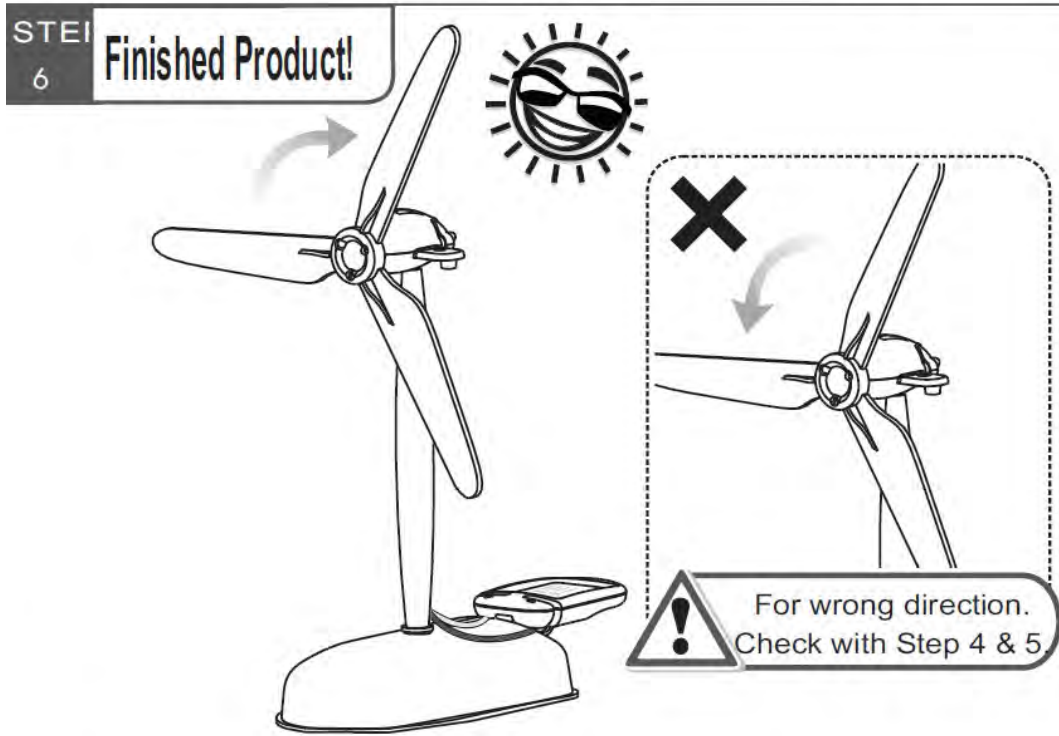
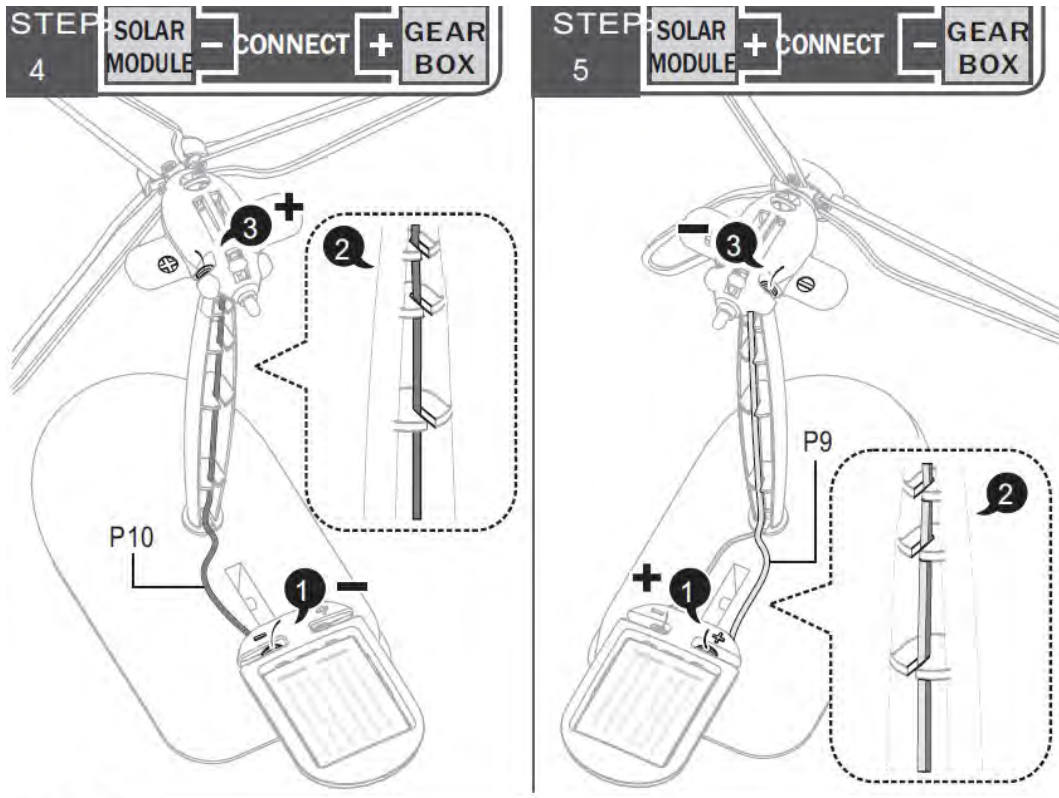


**STEP**  
2

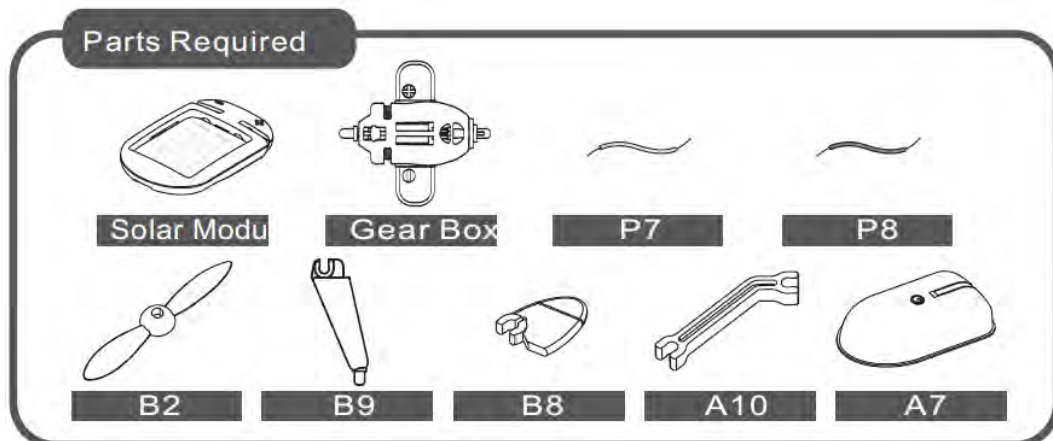


**STEP**  
3

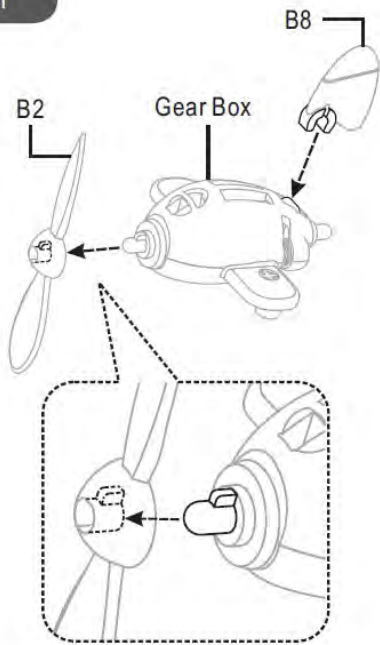




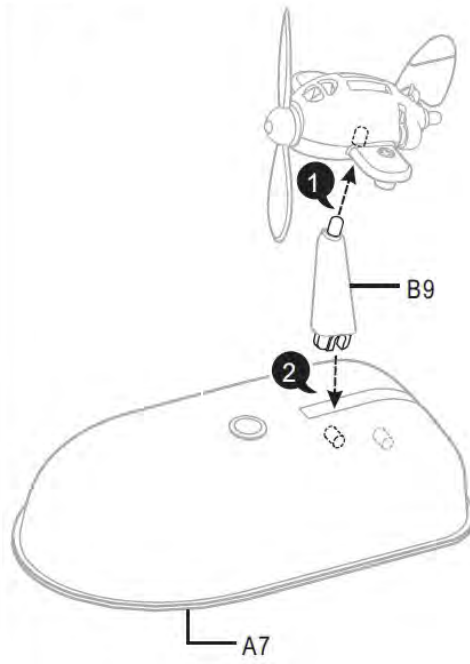
**SOLAR PLANE**



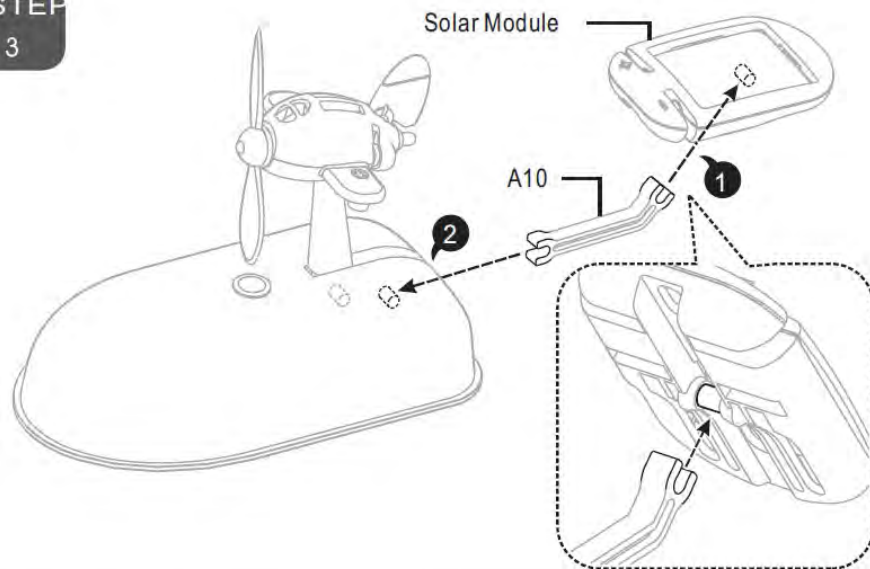
**STEP 1**



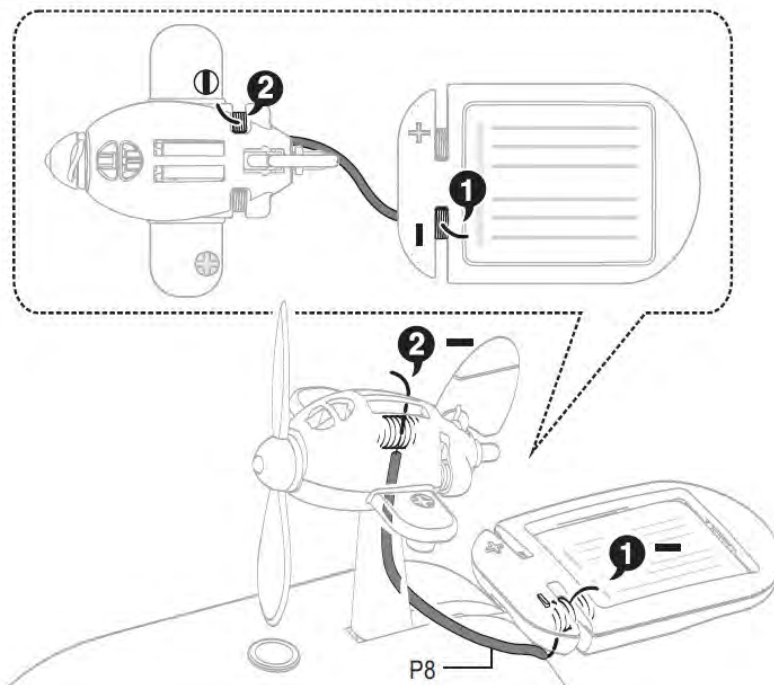
**STEP 2**



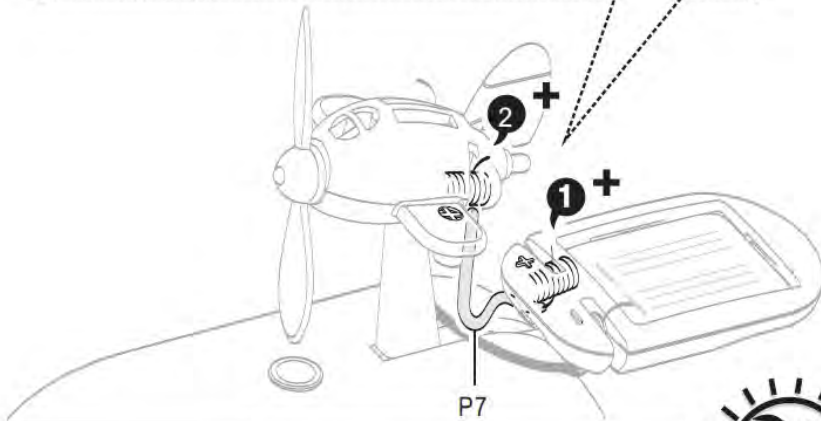
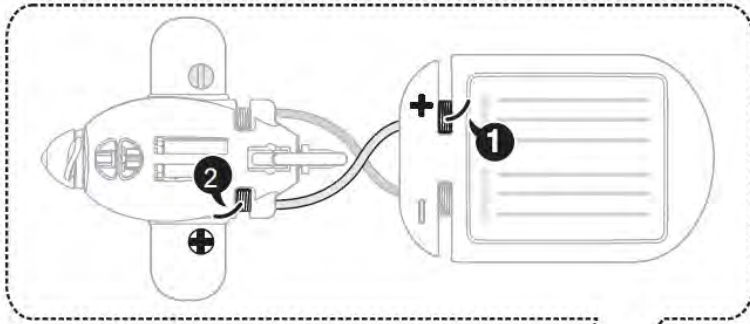
**STEP 3**



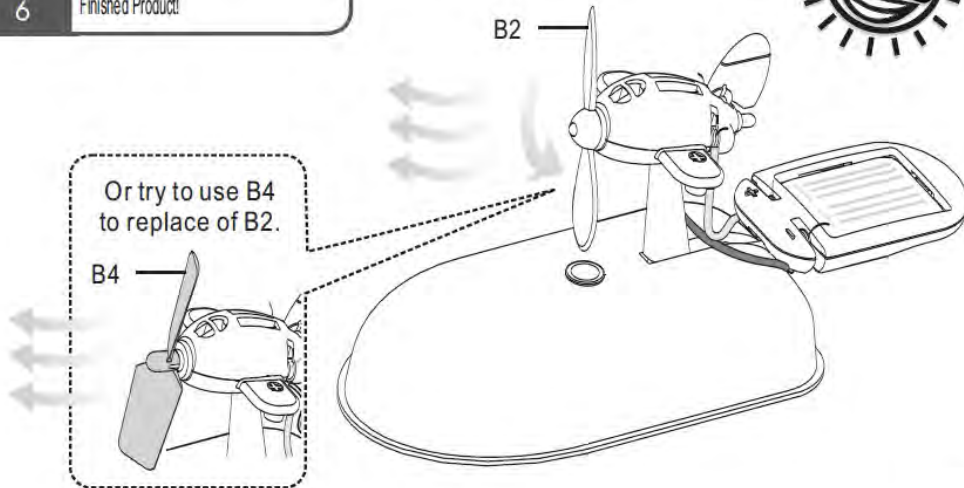
**STEP 4** SOLAR MODULE - CONNECT - GEAR BOX



STEP 5 SOLAR MODULE + CONNECT + GEAR BOX


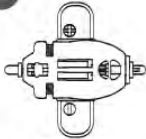







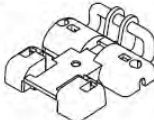
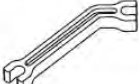



STEP 6 Finished Product!

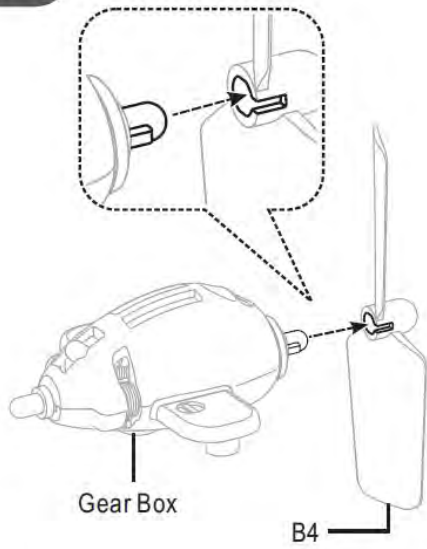


SOLAR AIRBOAT

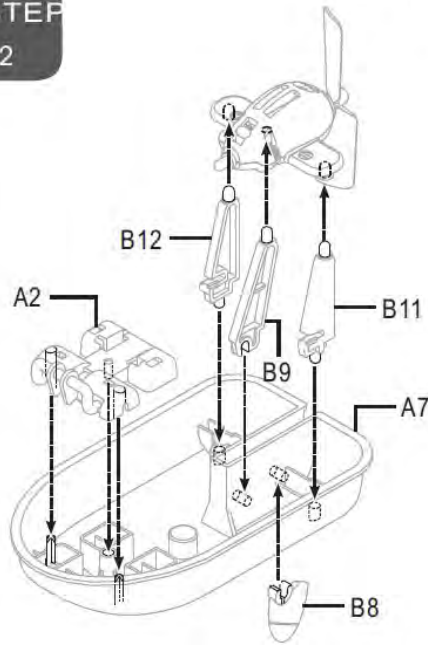
**Parts Required**

			
Solar Modu	Gear Box	P7	P8
			
B4	B9	B11	B12
			
B8	A2	A10	A7

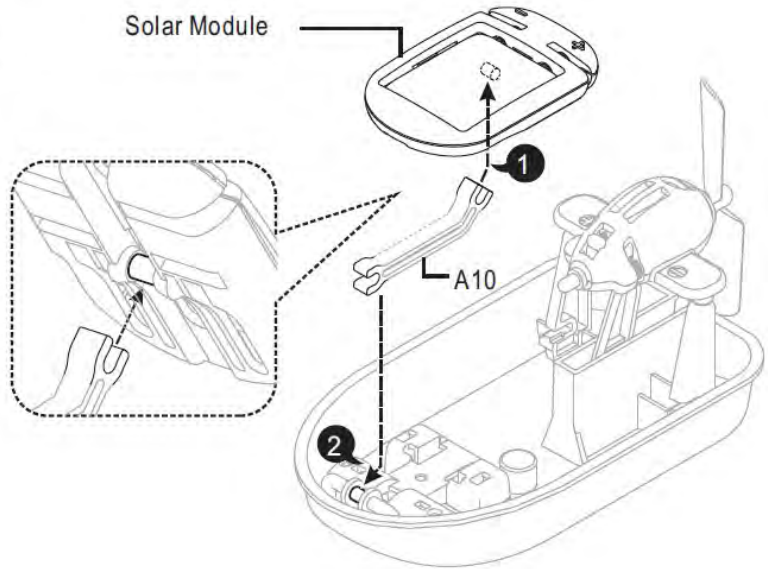
**STEP 1**



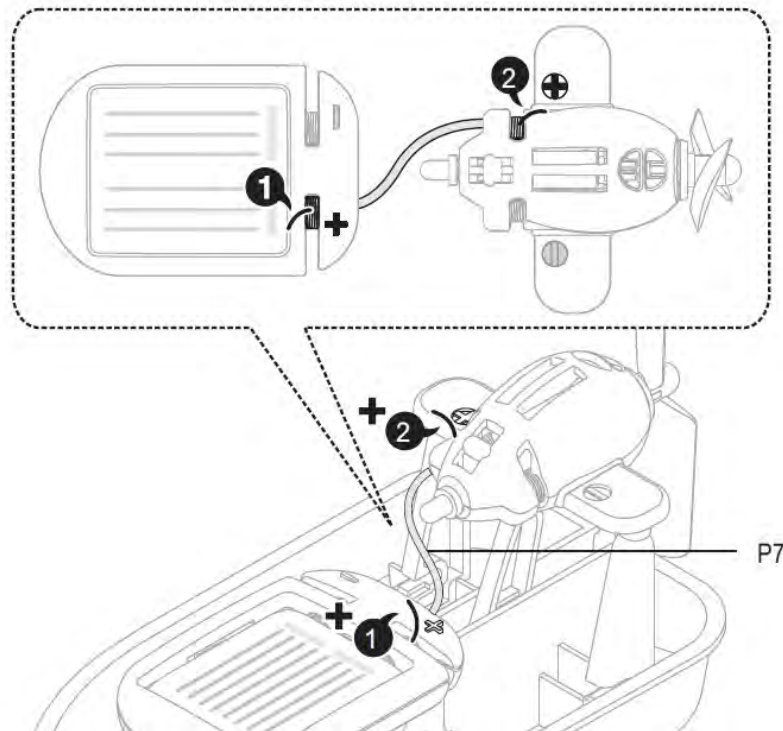
**STEP 2**



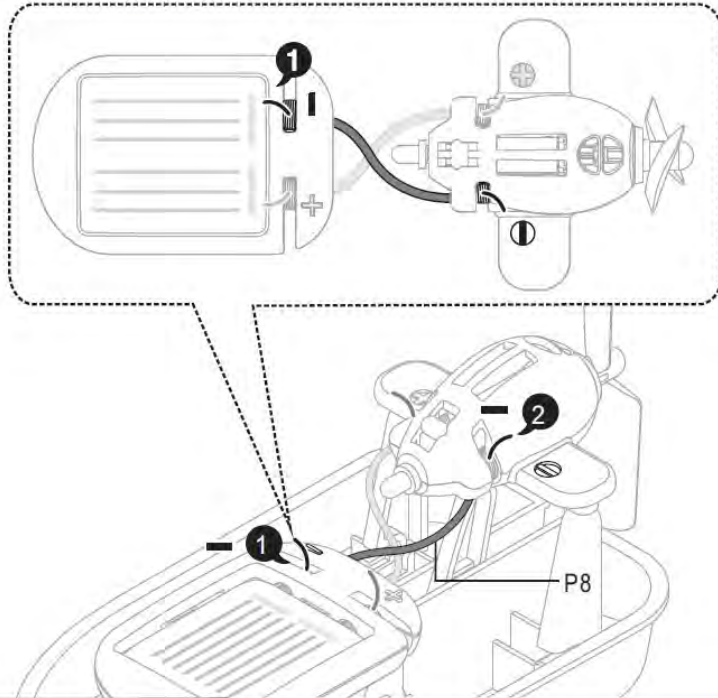
**STEP 3**



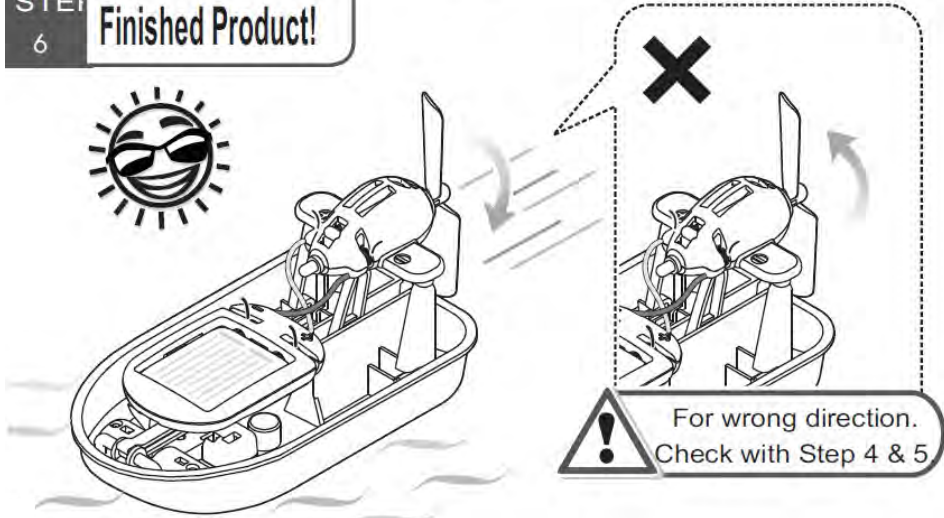
**STEP 4** SOLAR MODULE + CONNECT + GEAR BOX



**STEP 5** SOLAR MODULE — CONNECT — GEAR BOX


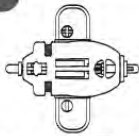


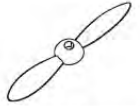





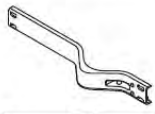



**STEP 6** Finished Product!

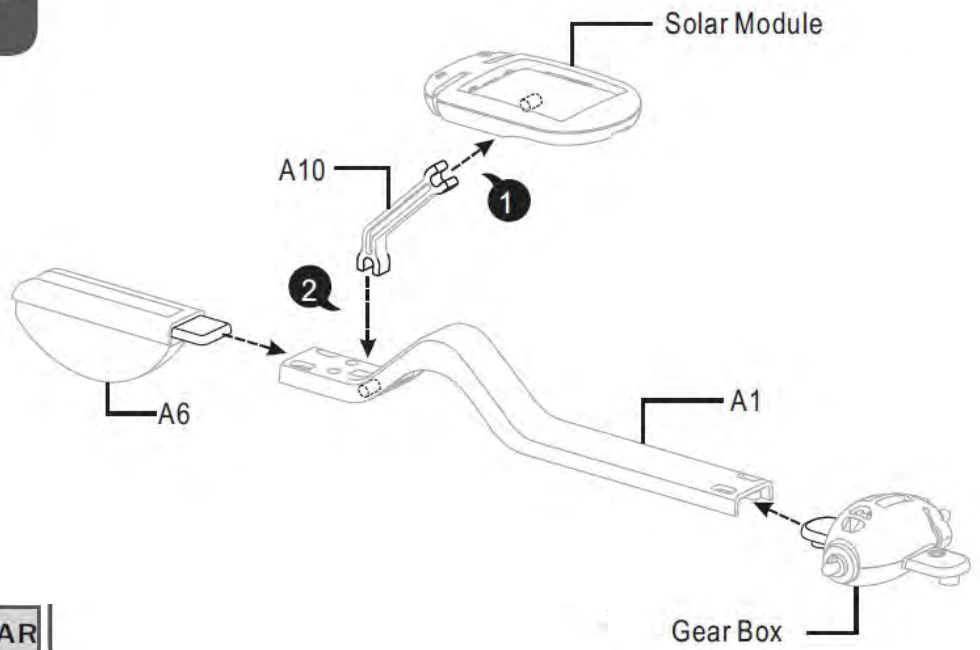


**SOLAR REVOLVING PLANE**

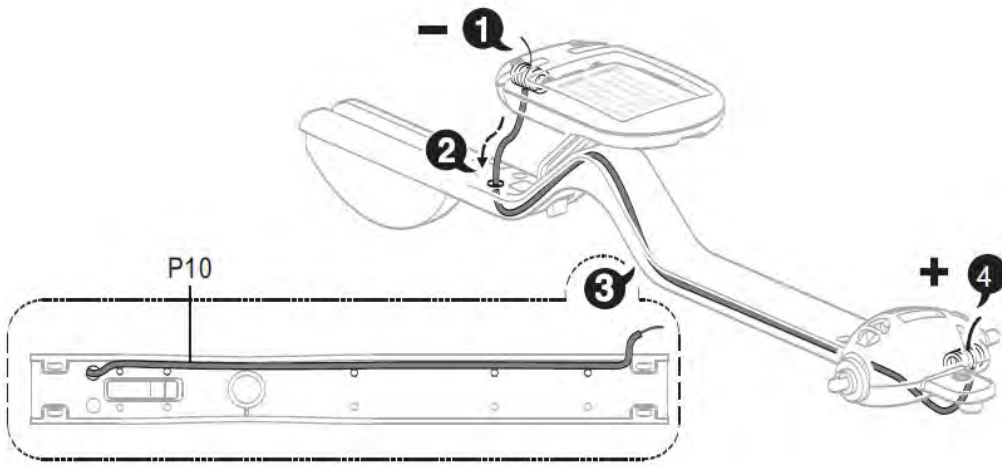
**Parts Required**

			
Solar Modu	Gear Box	P9	P10
			
B2	B8	A10	B1
			
A7	A6	A1	Coin (Not included)

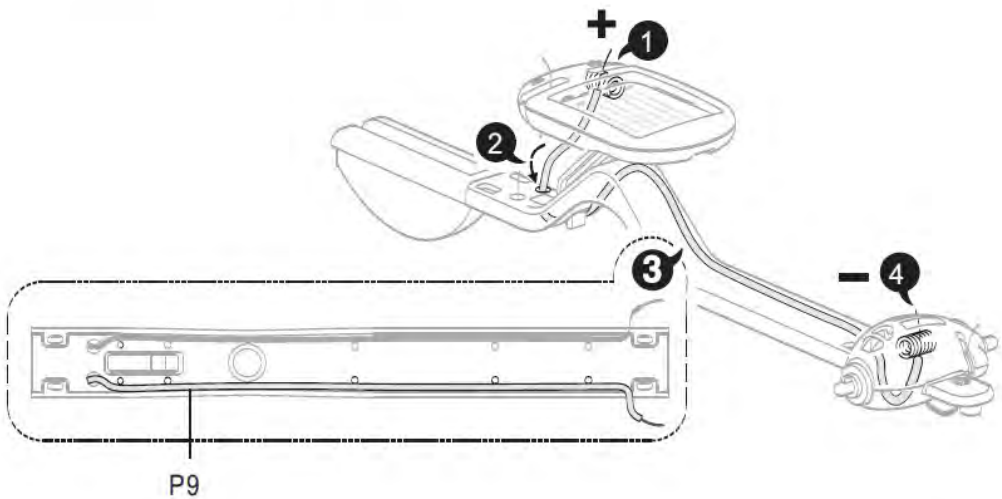
**STEP**  
**1**



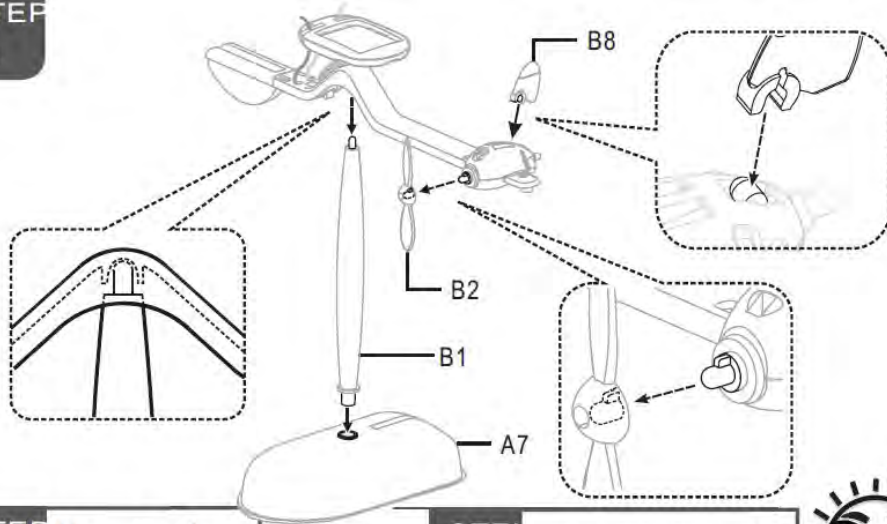
<b>STEP</b> <b>2</b>	<b>SOLAR</b>	<b>-</b>	<b>CONNECT</b>	<b>+</b>	<b>GEAR</b>
	<b>MODULE</b>				<b>BOX</b>



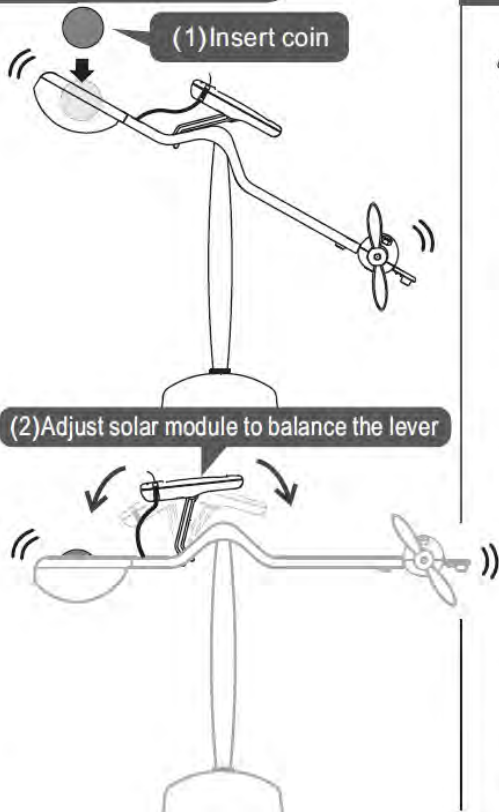
<b>STEP</b> <b>3</b>	<b>SOLAR</b>	<b>+</b>	<b>CONNECT</b>	<b>-</b>	<b>GEAR</b>
	<b>MODULE</b>				<b>BOX</b>



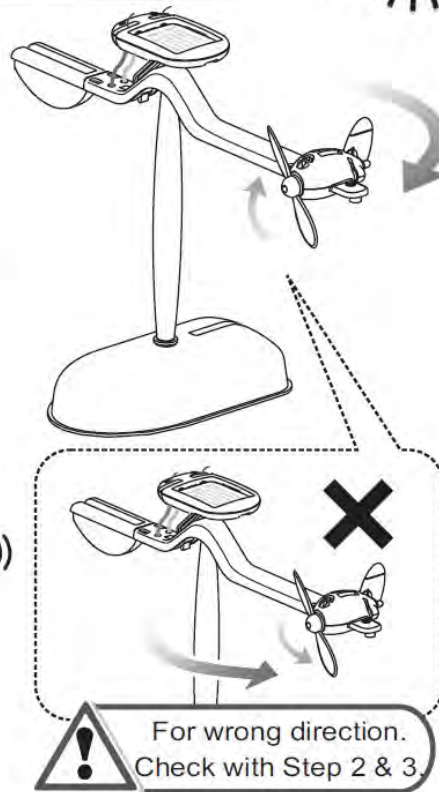
**STEP**  
4



**STEP**  
5 **How to play**



**STEP**  
6 **Finished Product!**

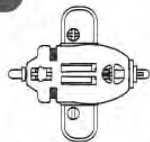


**SOLAR PUPPY**

**Parts Required**



**Solar Modu**



**Gear Box**



**P7**



**P8**



**B9**



**B10**



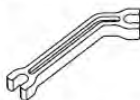
**B11**



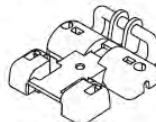
**B12**



**B8**

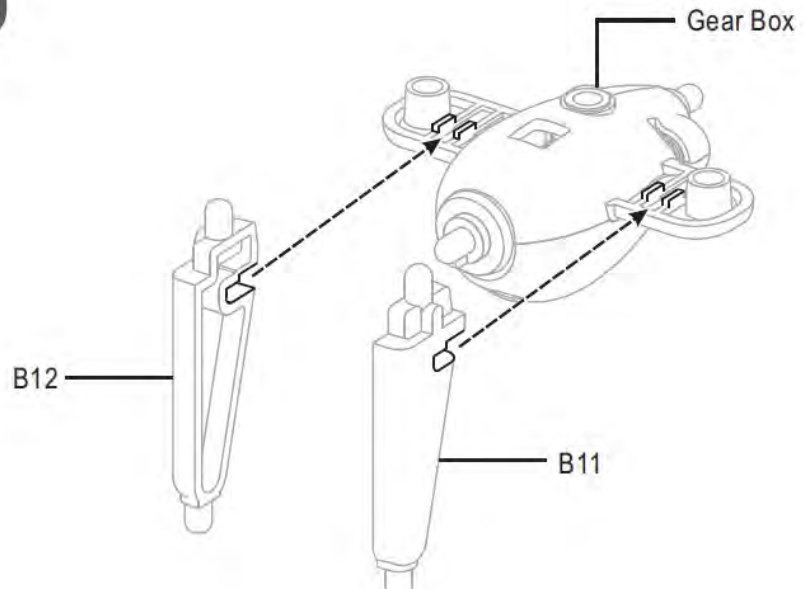


**A10**

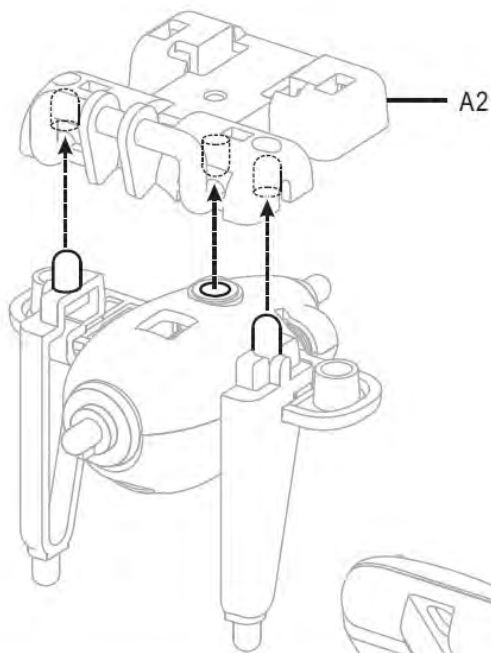


**A2**

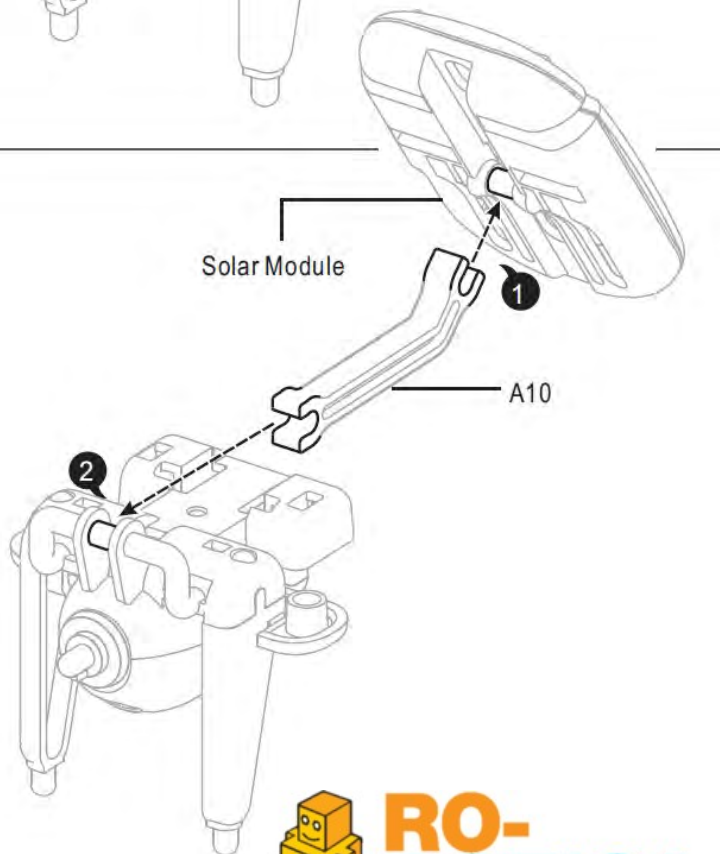
**STEP**  
**1**



**STEP**  
**2**

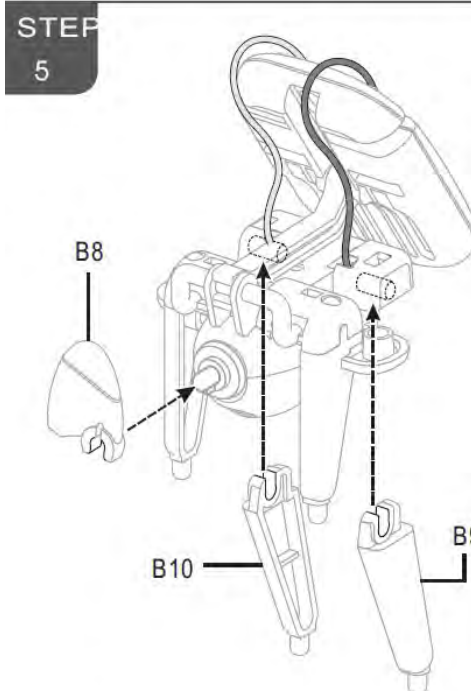
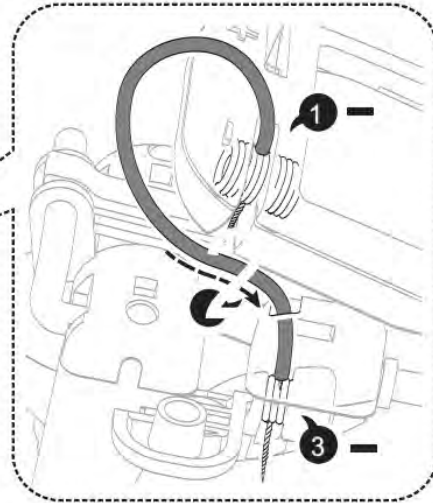
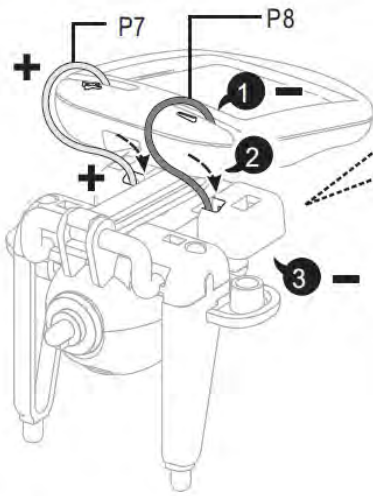


**STEP**  
**3**



**STEP 4**

SOLAR MODULE	CONNECT	GEAR BOX
SOLAR MODULE	+	CONNECT
		+
		GEAR BOX

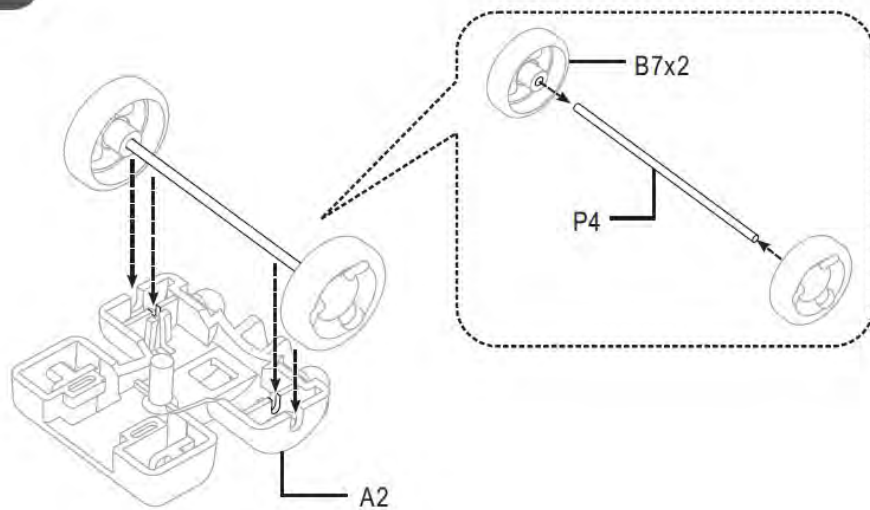


**SOLAR CAR**

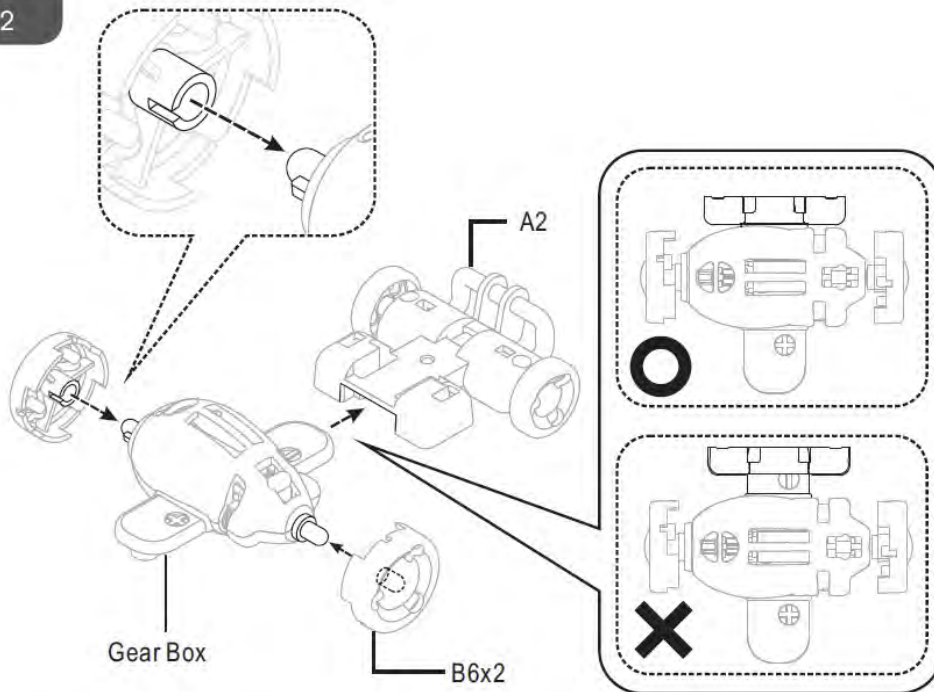
**Parts Required**

Solar Modu	Gear Box	P7	P8
P4	B7x2	B6x2	A10
A2			

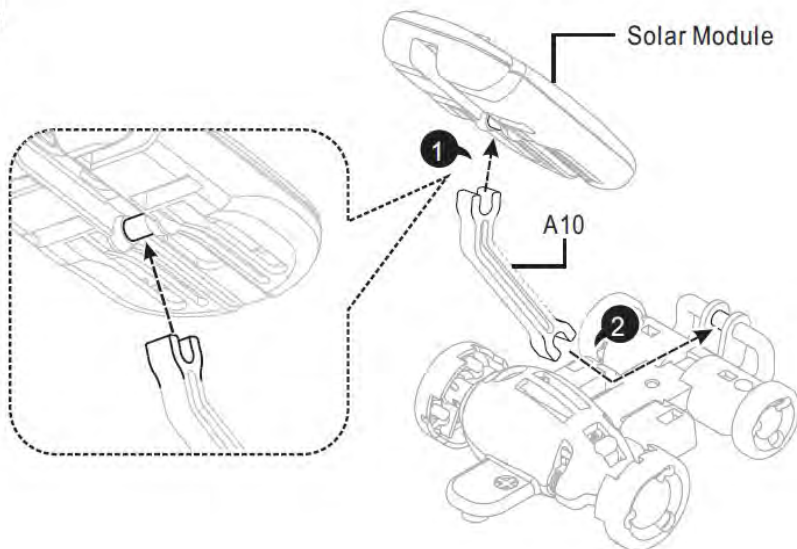
**STEP**  
**1**

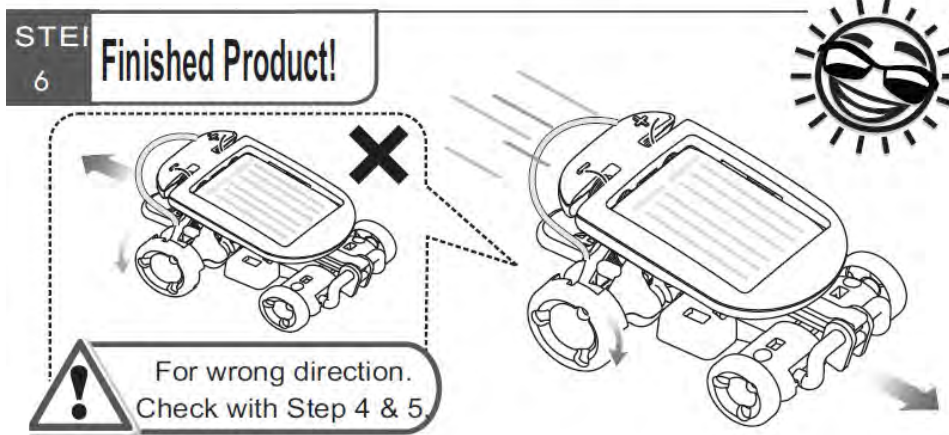
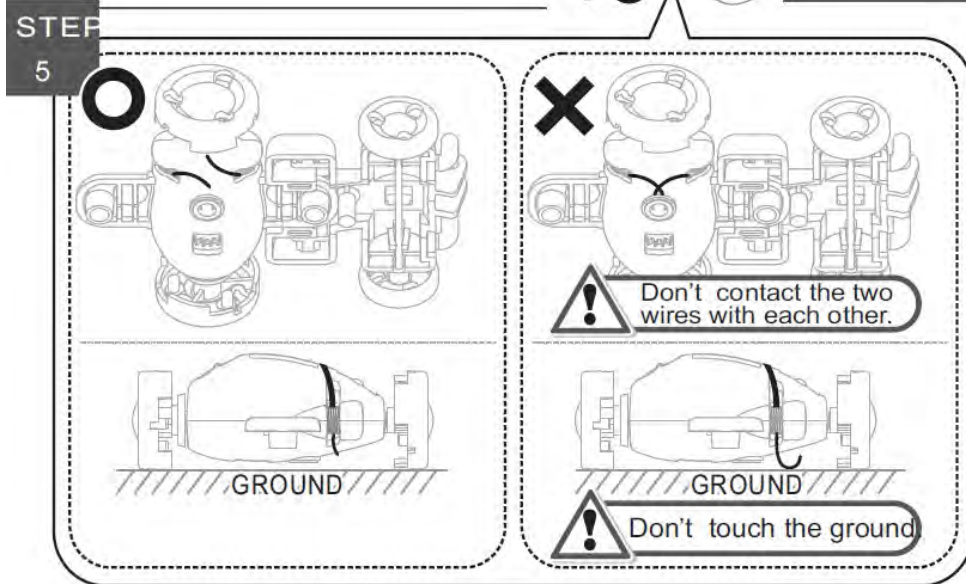
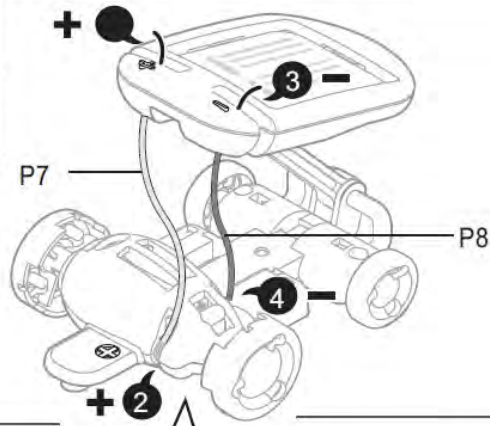
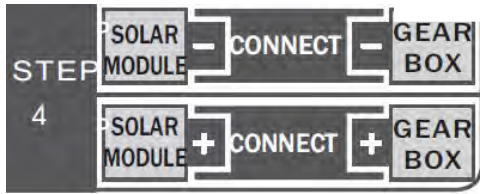


**STEP**  
**2**



**STEP**  
**3**





**It's time to have some FUN !**

1. Take outside under direct sunlight. Best results are obtained when operated on a sunny day.
2. For indoor fun, use a 50 watt halogen light. The product will not run on a cloudy day, shaded locations, indirect sunlight, or under a Fluorescent light



**NOTE.** This kit is recommended for children aged 10 years, always escorted by an adult



ROHS COMPLIANT



**RO-BOTICA**  
ROBOTICA EDUCATIVA & PERSONAL

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