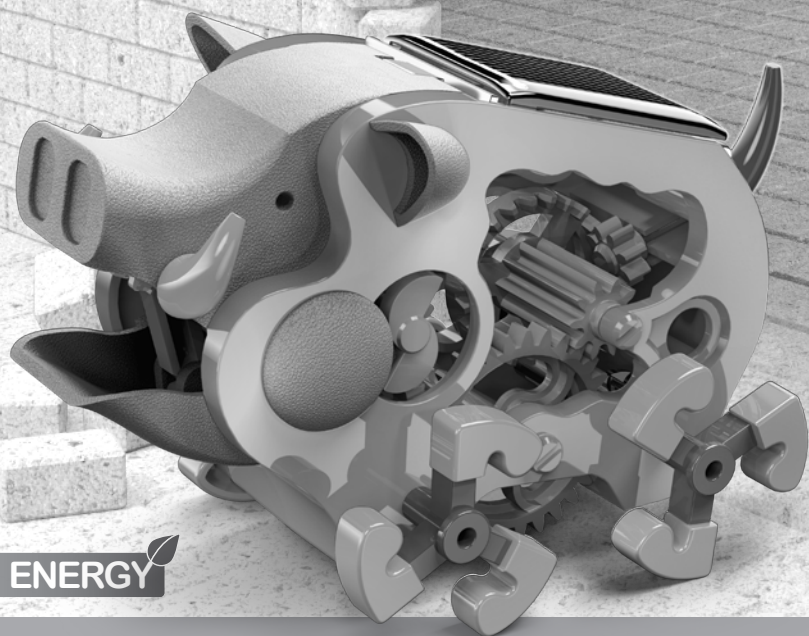


SOLAR WILD BOAR



GREEN ENERGY 

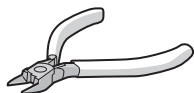
Assembly & Instruction Manual



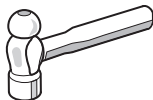
SOLAR WILD BOAR

Solar Wild Boar is a basic solar DIY toy, it is ideal for a do-it-yourself science fair, after-school, or summer workshop project with the bonus gift of learning mechanical transmission and electrical motor theory. With only 47 assembly parts, it's a wonderful instrument for the beginner enthusiast 8 years and up, and a gateway to ignite opportunities in fun learning.

Tools You May Need



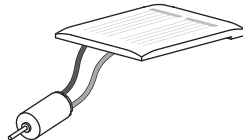
Diagonal Cutter



Hammer

Mechanical Parts List

! Product contains functional edges and sharp points.

P1 Solar Panel With Motor		QTY
		1
! Don't connect the wires to the mains.		

P2 Pinion Gear (Yellow)		QTY
		1

P3 Gear(Red)		QTY
		1

P4 Gear(Orange)		QTY
		1

P5 Gear With Shaft(Blue)		QTY
		1

P6 Sponge		QTY
		1

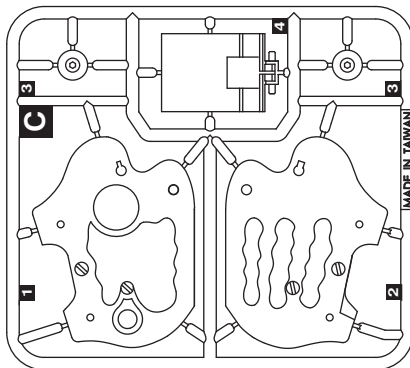
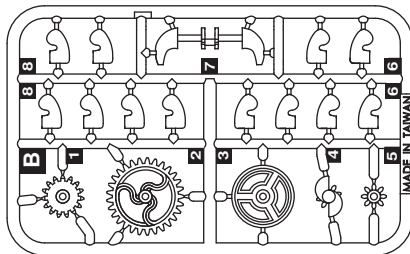
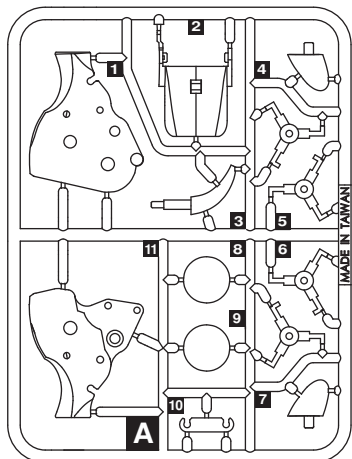
P7 Hex Shaft		QTY
		2

P8 Round Shaft(Short)		QTY
		1

P9 Round Shaft(Long)		QTY
		2

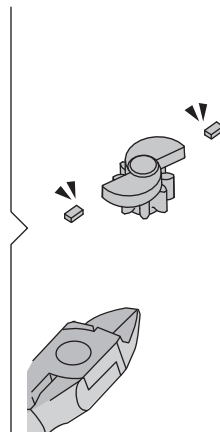
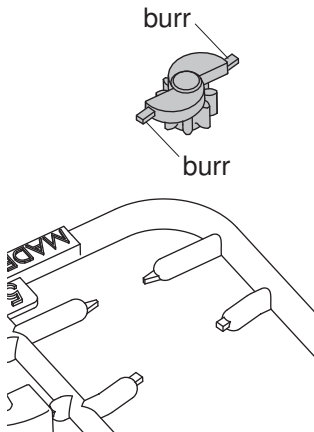
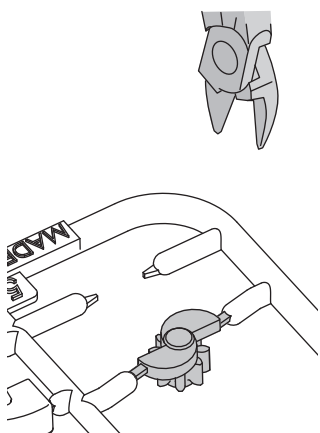
Plastic Parts

! Cut the plastic parts when they are required.
Do not cut them in advance.

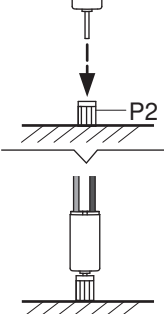
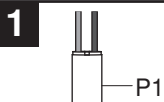


Hints

Cut off the burrs before assembly.

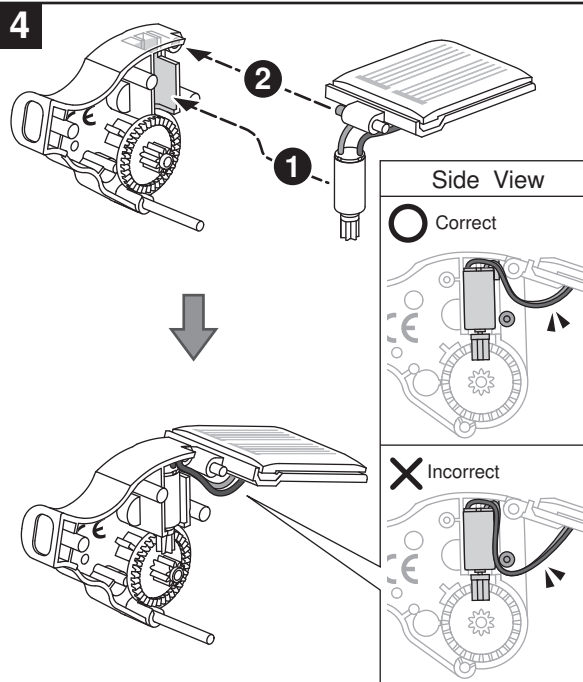
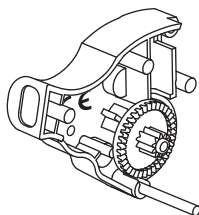
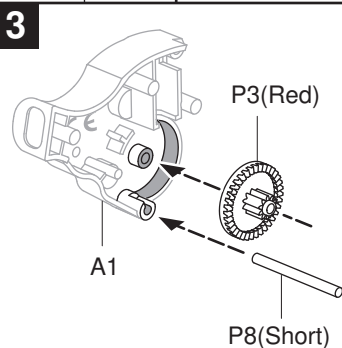
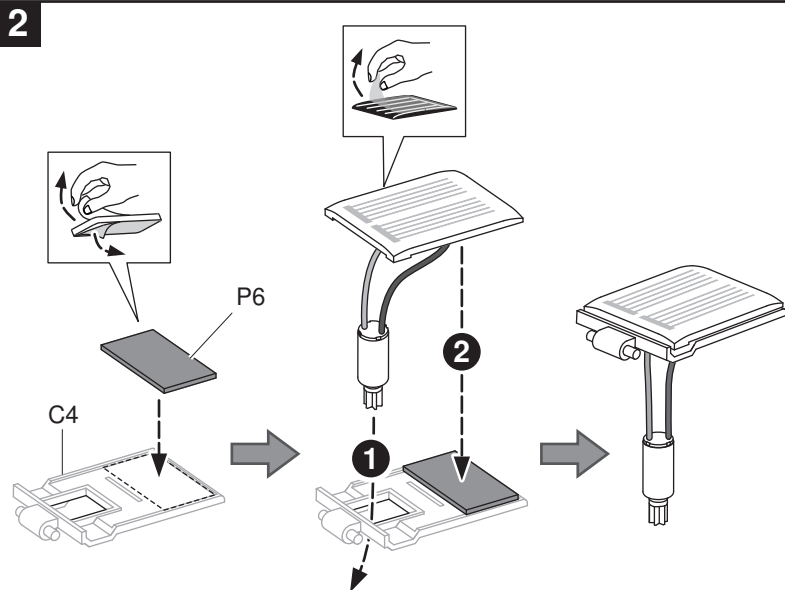
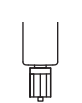
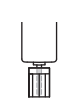


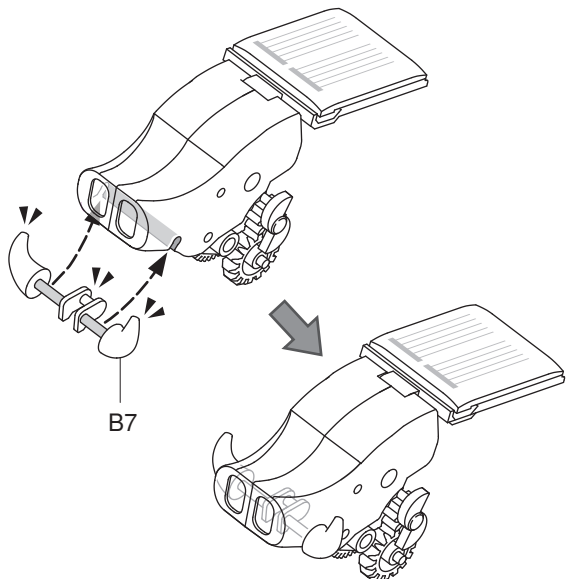
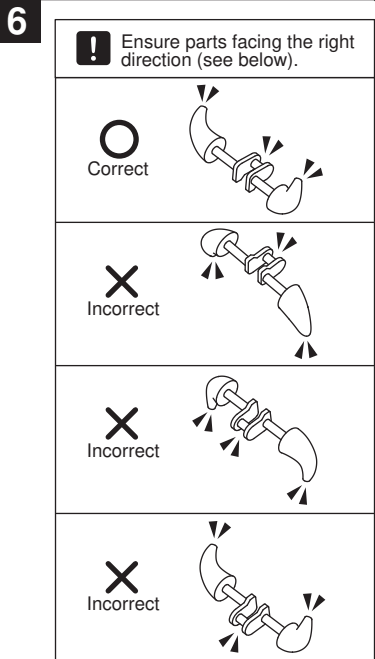
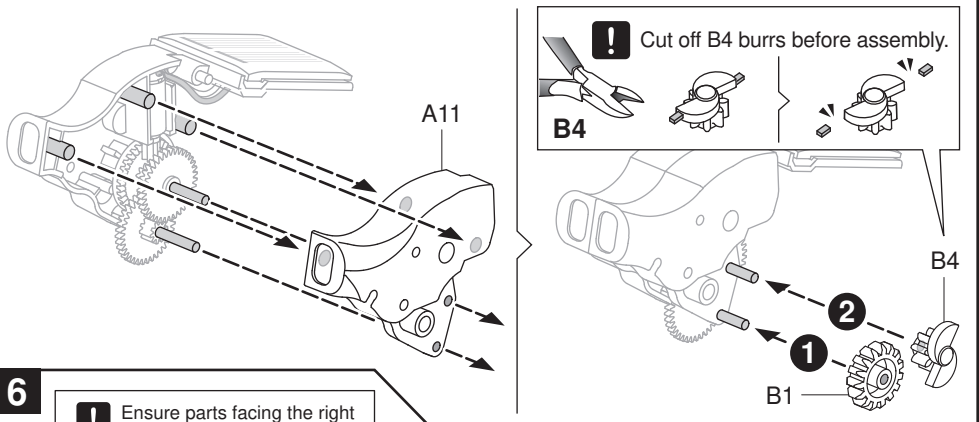
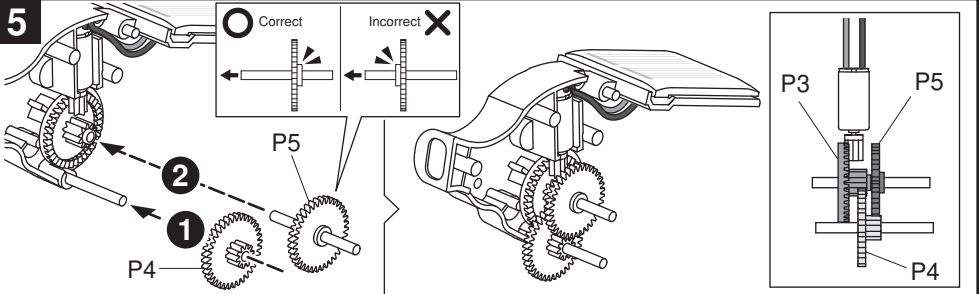
Mechanical Assembly



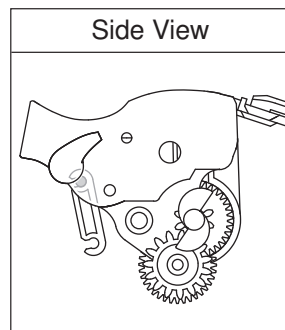
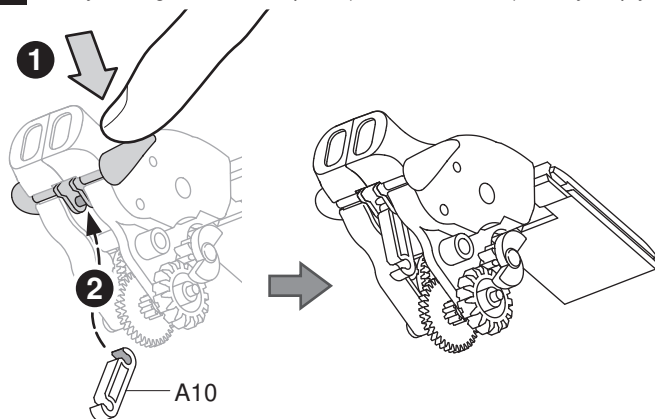
○ Correct

✗ Incorrect

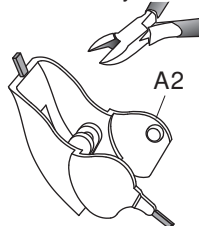




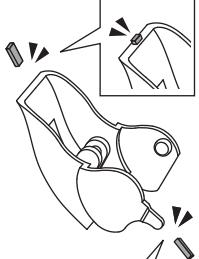
7 Use your finger to hold the parts (as shown below), it may help you assemble the parts smoothly.



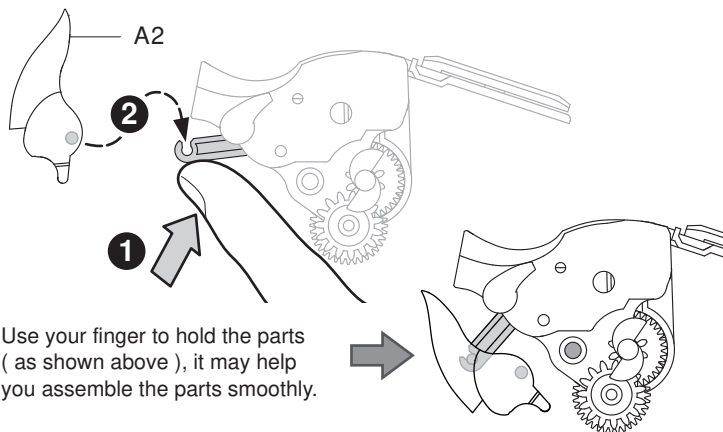
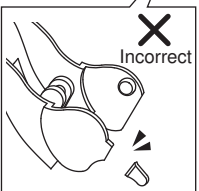
8 **!** Cut off the two burrs before assembly.



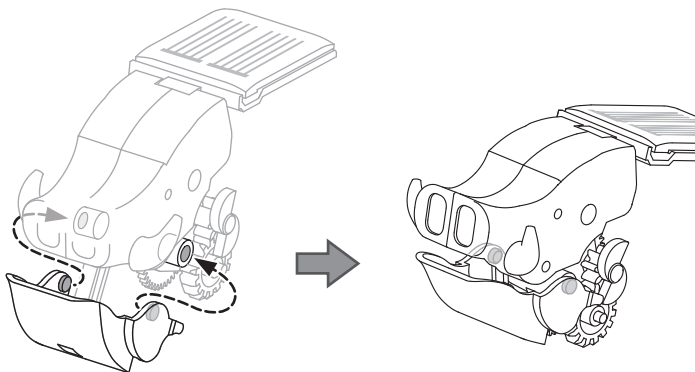
✗
Incorrect



✗
Incorrect

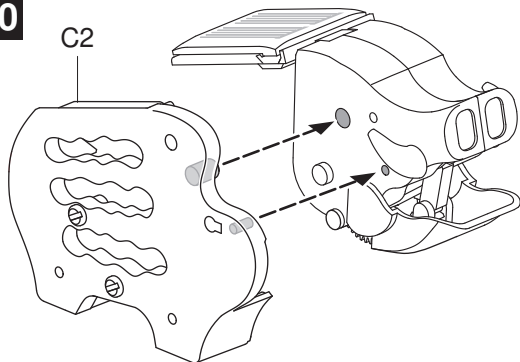


9



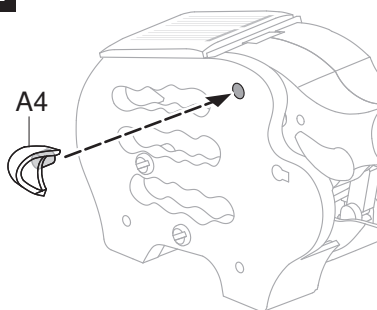
10

C2



11

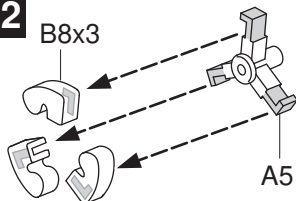
A4



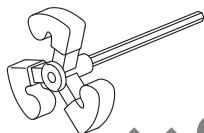
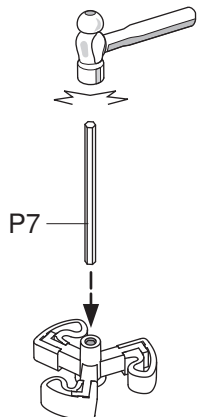
12

B8x3

A5

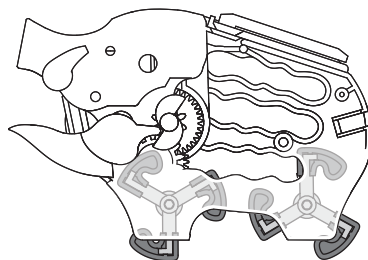
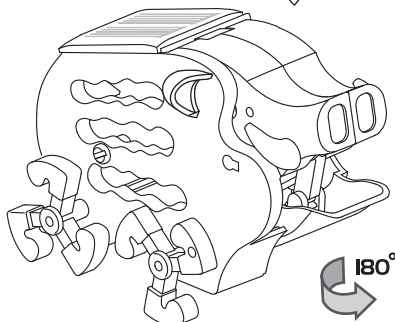
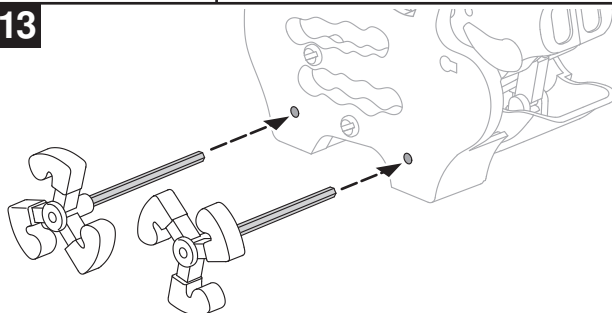


! Slightly hammer P7 into A5.



x2

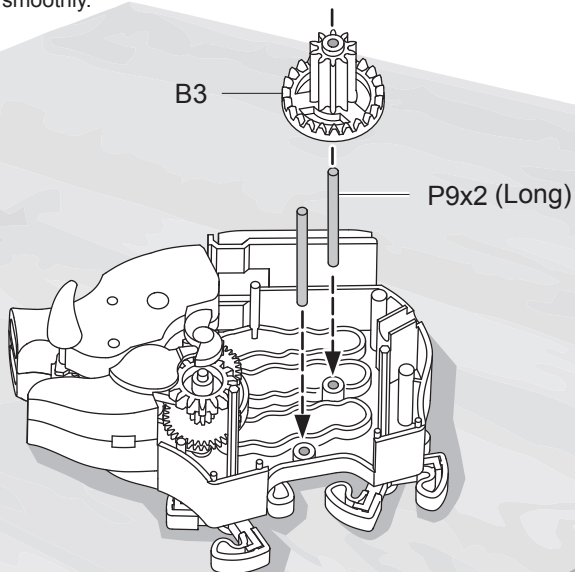
13



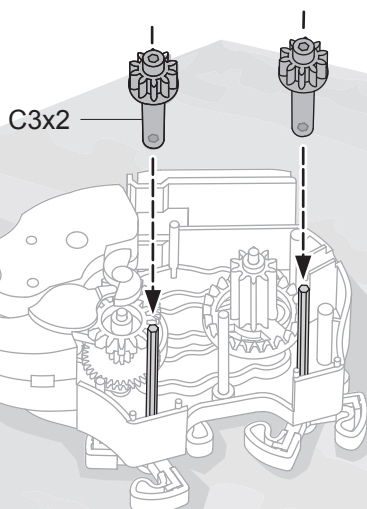
! The open -side - face up (as per the pic).

14

< Note > Step 14~19 Have the parts assemble on the desk/or platform, it may help to install smoothly.



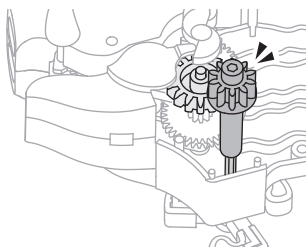
15



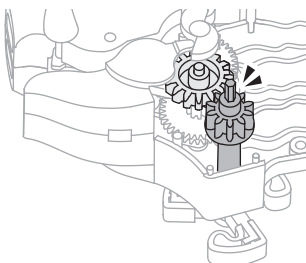
! *Very Important !*

Press C3 to the bottom.

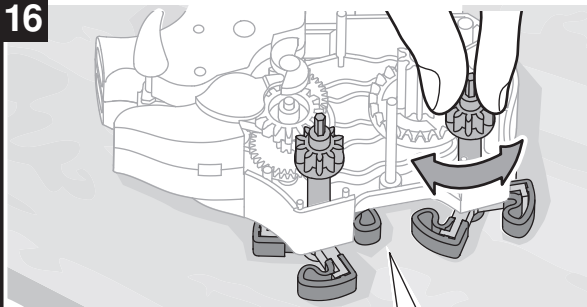
✗
Incorrect



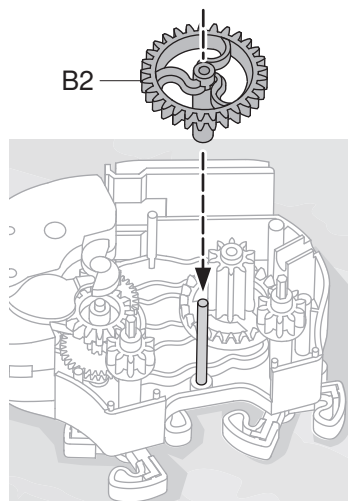
○
Correct



16



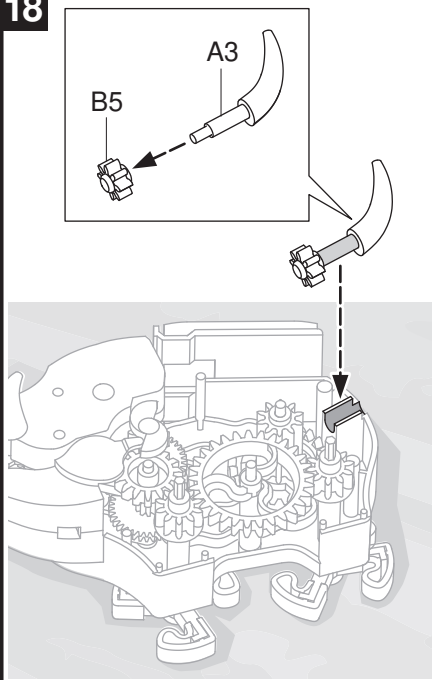
17



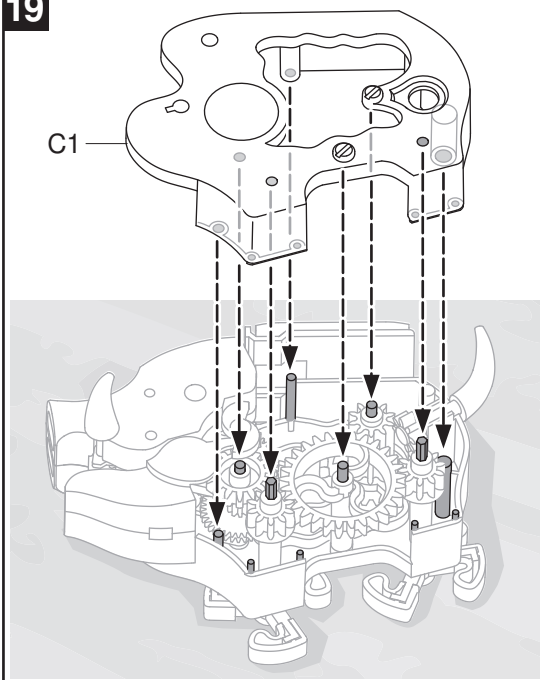
! Very Important !

Please point the feet in the direction illustrated above before inserting B2 part.

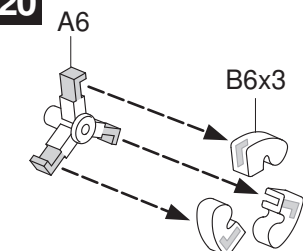
18



19



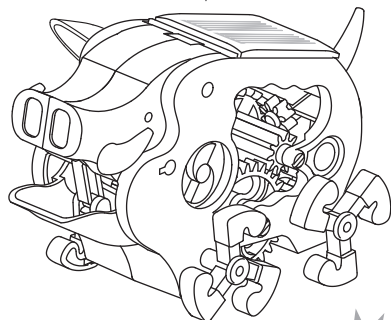
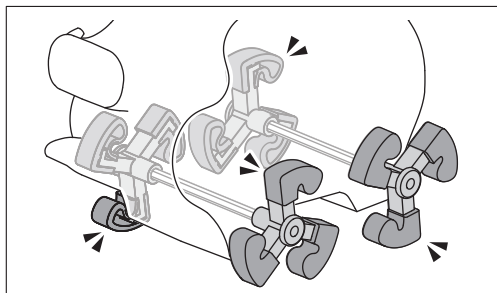
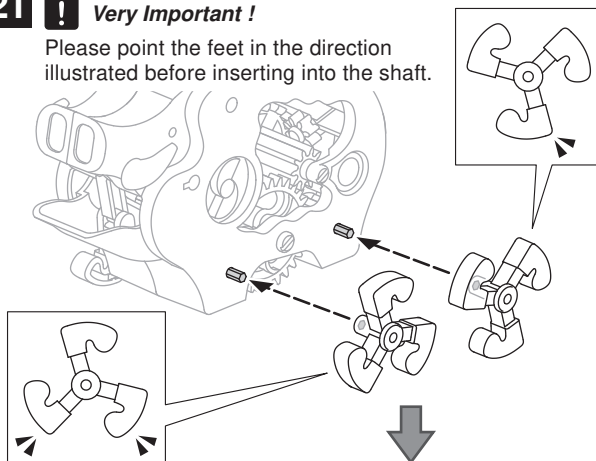
20



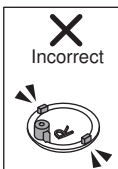
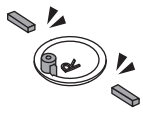
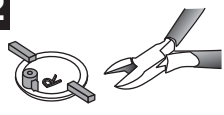
21

! Very Important !

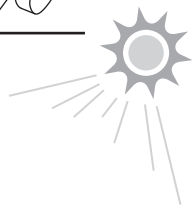
Please point the feet in the direction illustrated before inserting into the shaft.



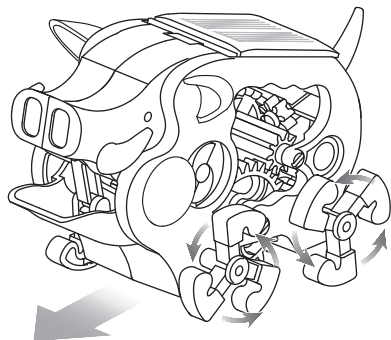
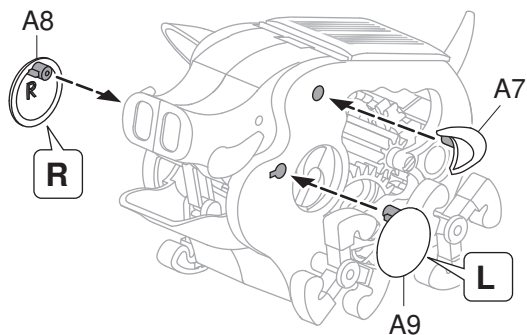
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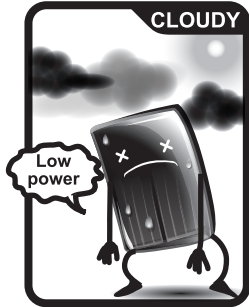
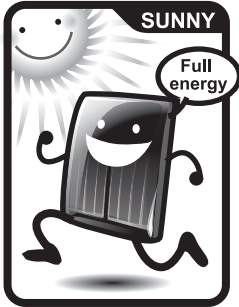
23

Running

! Cut off A7 & A8 burrs before assembly.



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.

SOLAR WILDBOAR

