anko 42887942 Build Your Own Science X-plorer User Guide

Contents

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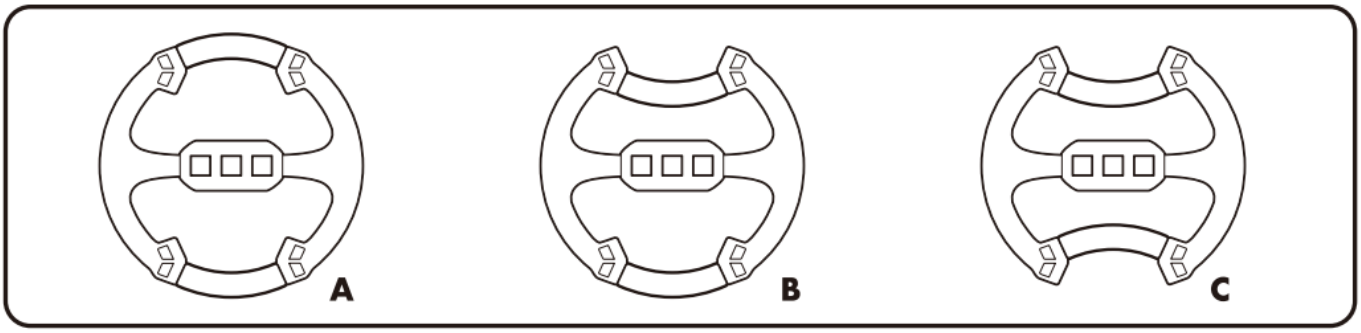
WARNING

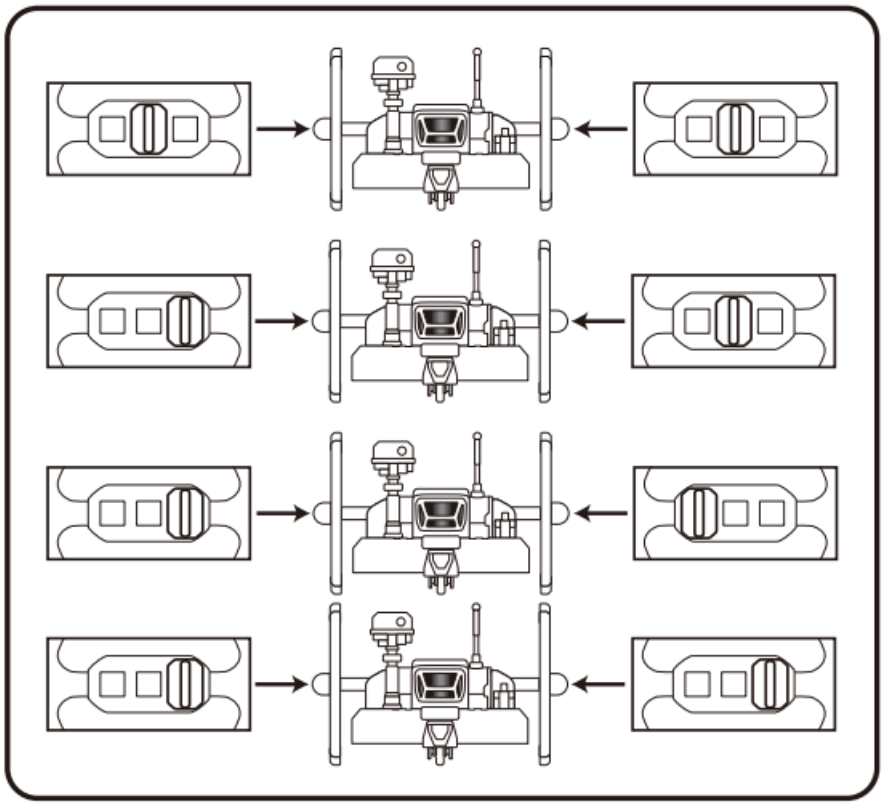
WARNING: CHOKING HAZARD SMALL PARTS. NOT SUITABLE FOR CHILDREN UNDER 3 YEARS.
WARNING: HAIR ENTANGLEMENT MAY OCCUR IF THE CHILD'S HEAD IS TOO CLOSE TO THE MOTORISED UNIT OF THIS TOY. ADULT SUPERVISION AND ASSISTANCE REQUIRED.
WARNING: CONTAINS LEADS WITH FUNCTIONAL SHARP POINT.
WARNING: FOR SAFETY REASONS, REMOVE ALL TAGS, LABELS AND PLASTIC FASTENERS BEFORE GIVING THIS TOY TO YOUR CHILD.
WARNING: BATTERIES ARE TO BE INSERTED WITH THE CORRECT POLARITY. DO NOT MIX DIFFERENT TYPES OF BATTERIES OR NEW AND USED 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. THE SUPPLY TERMINALS ARE NOT TO BE SHORT-CIRCUITED. REMOVE BATTERIES FROM THE TOY WHEN NOT IN USE FOR AN EXTENDED TIME OR WHEN BATTERIES BECOME EXHAUSTED. BATTERY INSTALLATION BY AN ADULT IS REQUIRED. DISPOSE OF BATTERIES RESPONSIBLY. DO NOT DISPOSE OF IN FIRE.
PRODUCT MAY VARY SLIGHTLY FROM THE IMAGE SHOWN. PLEASE KEEP THE INSTRUCTION MANUAL FOR FUTURE REFERENCE.

Educational Hints

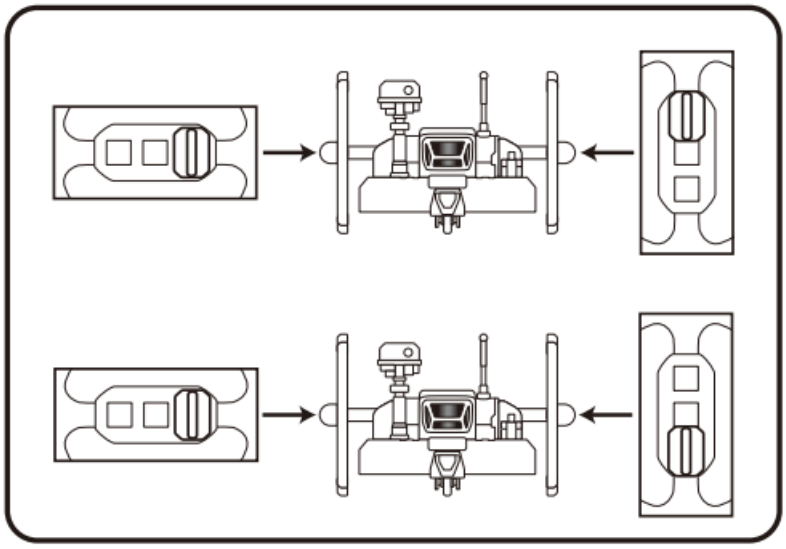
The WHEEL is the most special feature of this rover. Players can easily design different patterns to make different motion experiments and at any level of interchange the rover you will be amazed the rover will still have the stability to move. Below options are provided for changing and combining them together. There is no doubt that typical circular wheels are designed to reduce friction and makes it easier to move forward. However, sometimes friction is necessary for a rover to move, for example an off-road tire with deeper and wider gap to create friction. With the flexible designated tire, the rover can run on different ground during its mission. For single wheel experiment, below patterns are a suggested combinations:



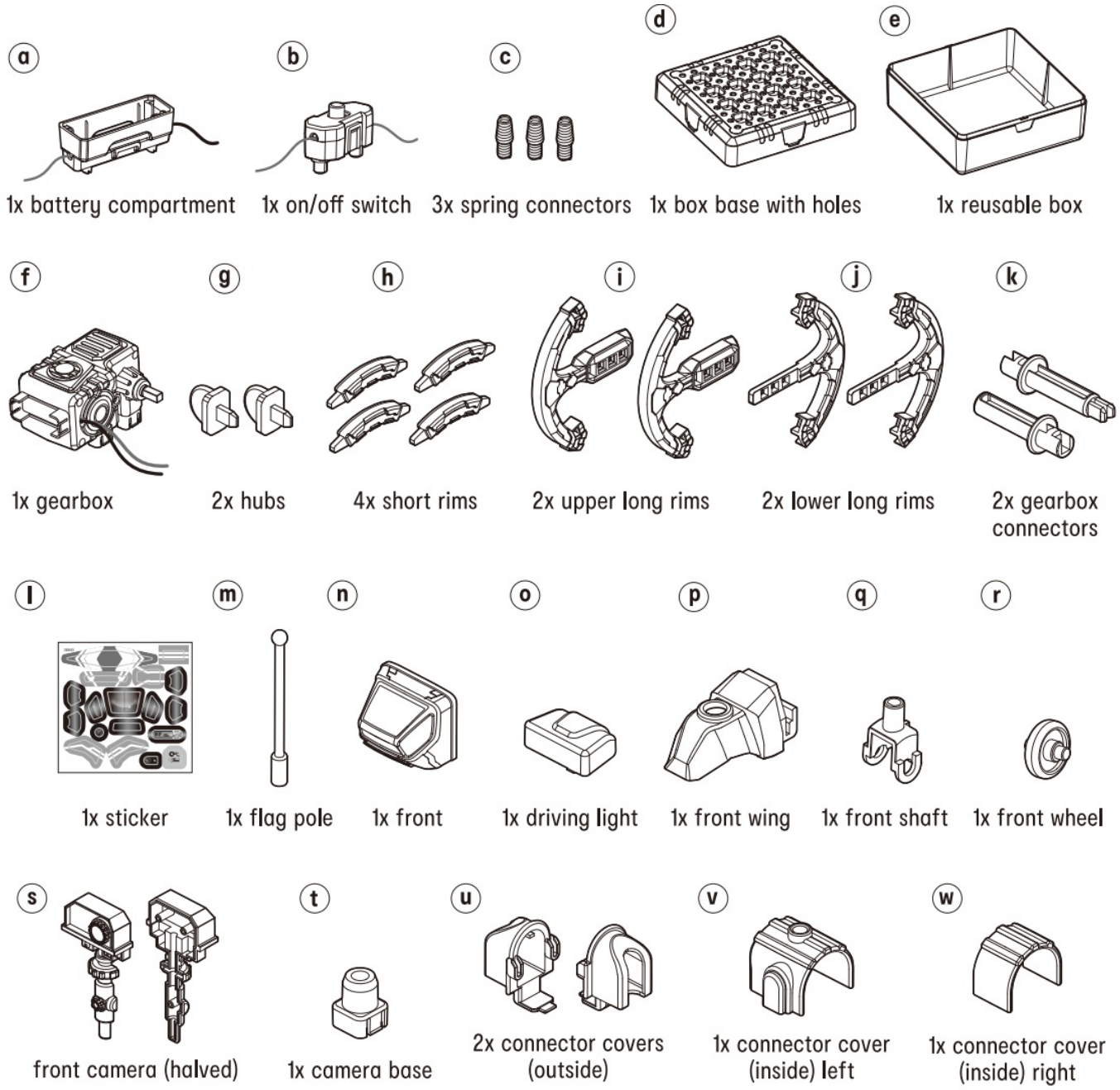
- When you attach the wheel to the main body, you can also choose different connecting holes.



- What’s more, you can also have below combination:



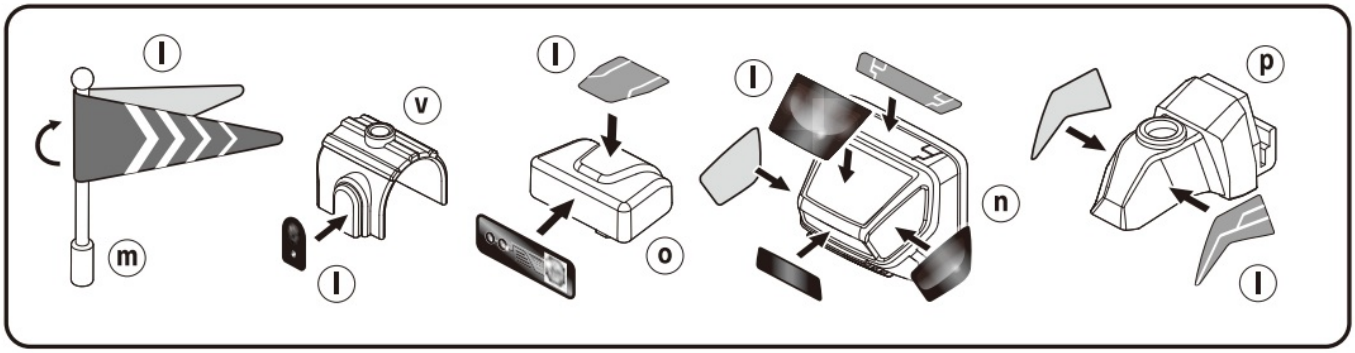
COMPONENTS IN THIS KIT



Assembling Science X-plorer

Follow the below steps as figures shown.

STEP 1:



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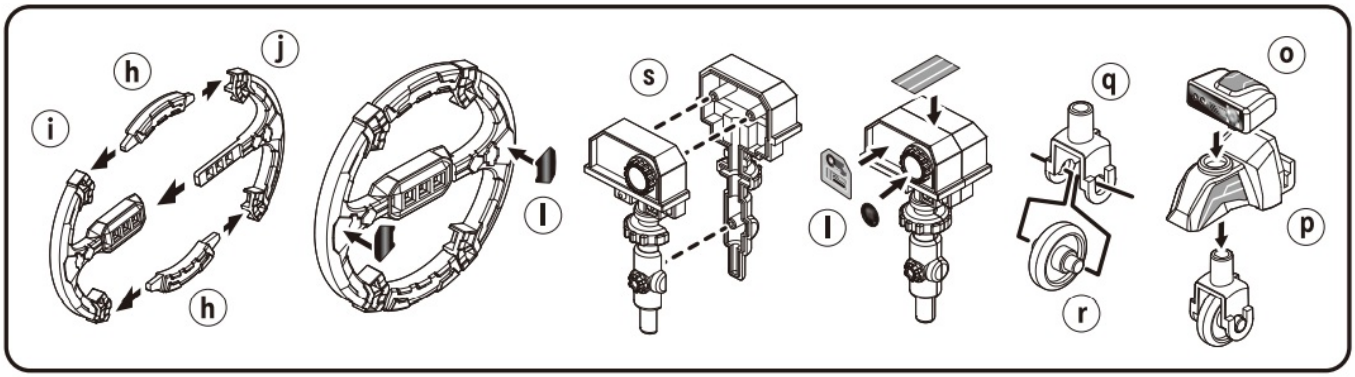

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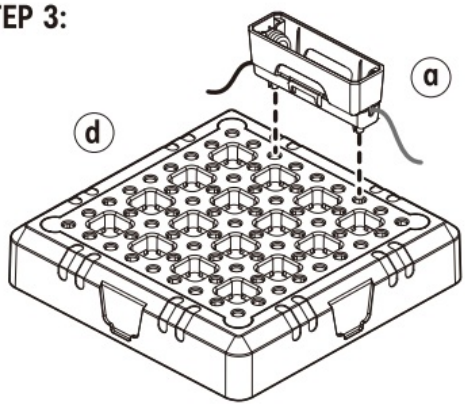

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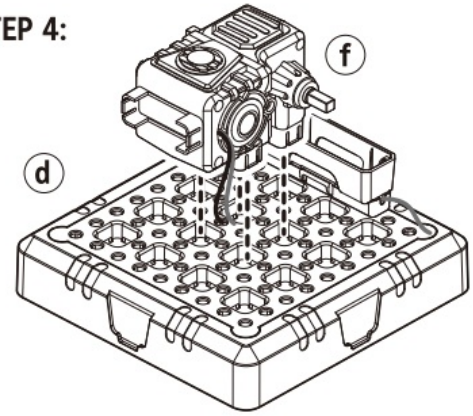

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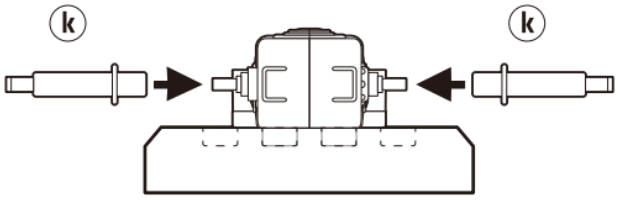

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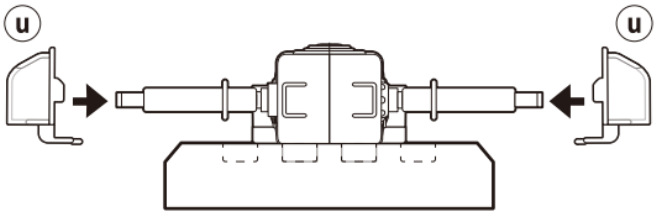

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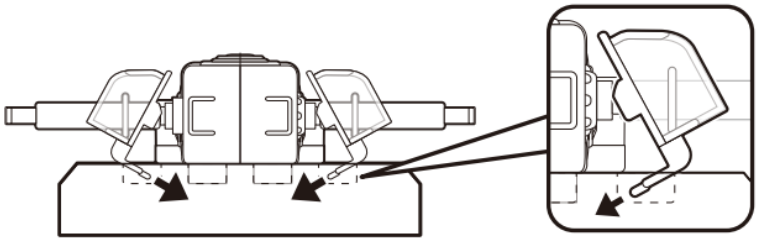

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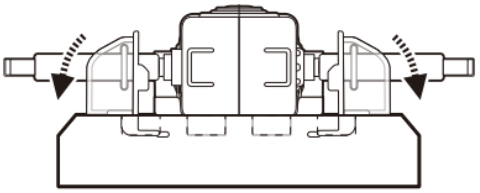

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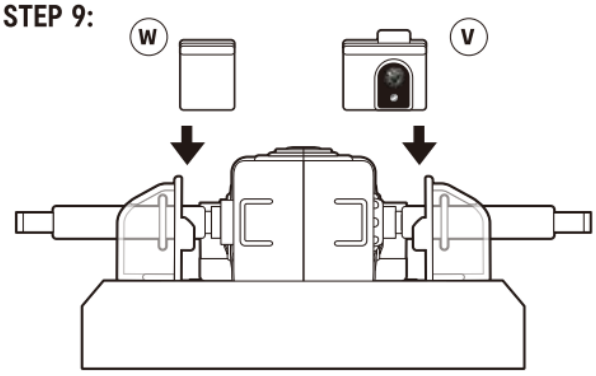

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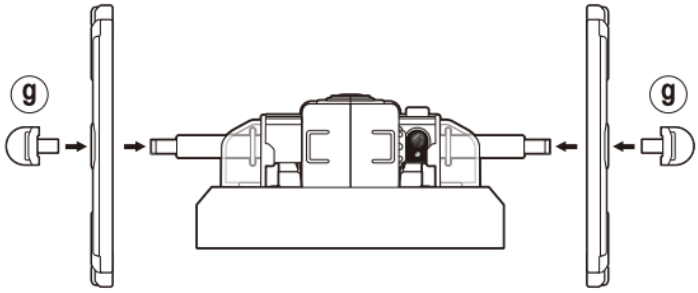

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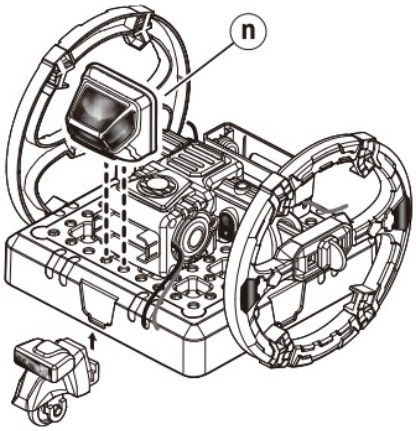

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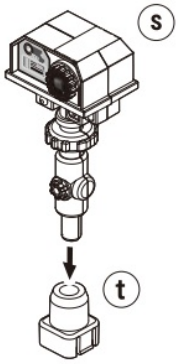

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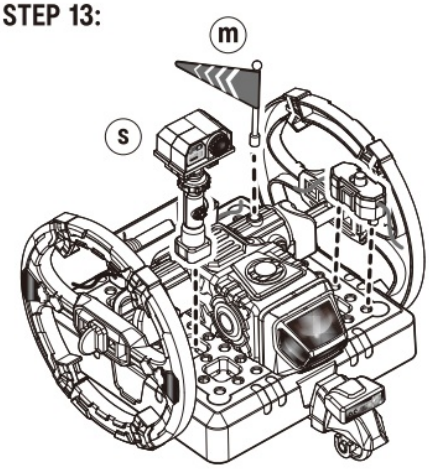

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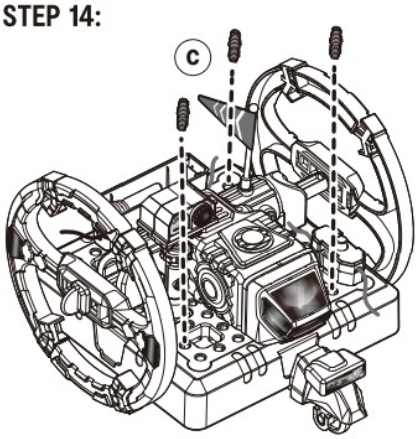

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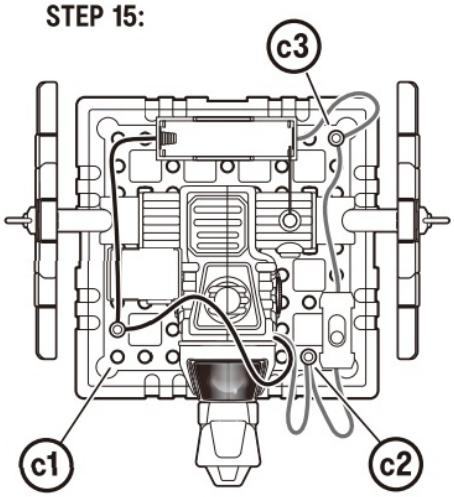

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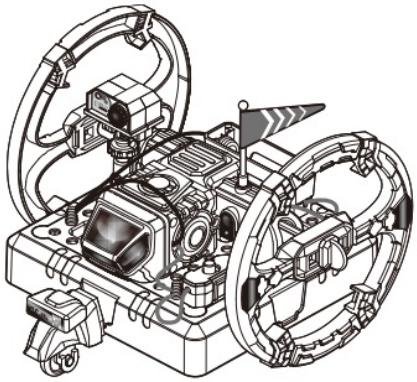
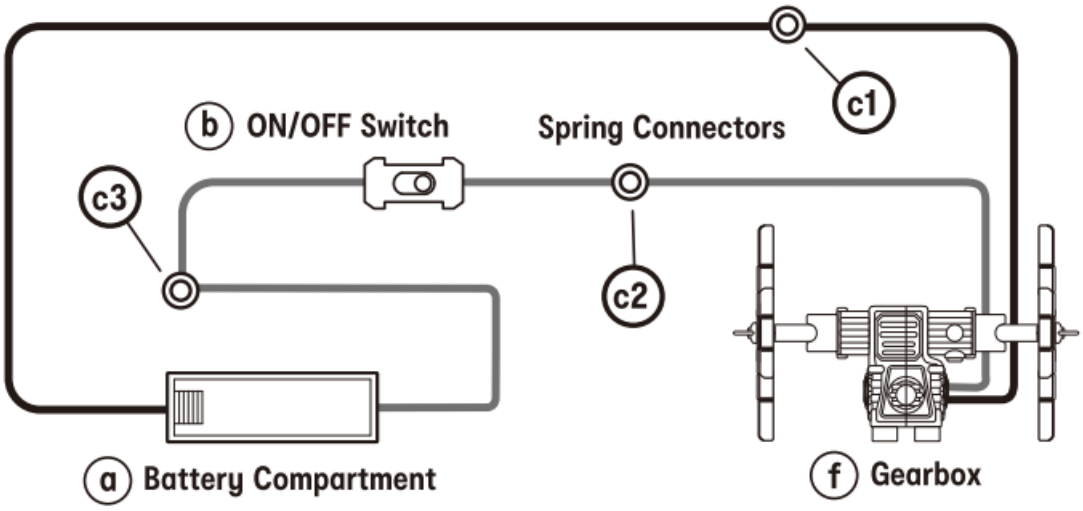


BASIC CONNECTION PRINCIPLE

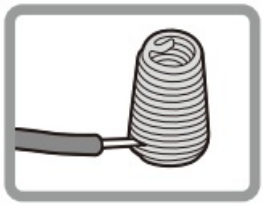
Wiring connections	Spring (c1)	Spring (c2)	Spring (c3)
Battery Compartment (a)	black		red
ON/OFF Switch (b)		red	red
Gearbox (f)	black	red	



How to play

1. Assemble the Science X-plorer according to the steps demonstrated. Insert 1 × AA battery into battery case.
2. Design your own wheel style and fix the wheel on each side.
3. Place the rover on ground level and push the ON/OFF switch to ON to see the rover move.
4. To change the wheel pattern, switch OFF the rover, unlock the wheels, change pattern, lock the wheel on each side and repeat step 3.
5. When finished playing, turn OFF the set and remove the battery from the battery case before storing in a safe place for play next time.

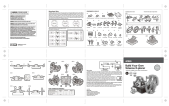
Ensure all wires are correctly connected to the battery terminals and spring connectors as stated in the wiring sequence and connection. Bend the spring terminal over and insert the exposed shiny conductor part of the wire into the spring terminal. Make sure the wire is securely connected to the spring terminal. If the circuit does not work, you can check the wire and spring terminal connection whether they are not well connected or the insulated plastic part of the wire has been wrongly inserted into spring terminal.



Warning! Do not short-circuit the battery terminals and spring connectors. Otherwise it may cause overheating. Do not lock the motor or other moving parts. Otherwise it may cause overheating. If at any time in the future you should need to dispose of this product please note that waste electrical products should not be disposed of with household waste. Please recucle where facilities exist. Check with your local authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive).

MADE IN CHINA
FOR AU/ **NZ:** IMPORTED FOR KMART STORES IN AUSTRALIA AND NEW ZEALAND.
FOR USA: IMPORTED BY ANKO RETAIL INC.
19500 ALDERWOOD MALL PARKWAY
LYNNWOOD WA 98036 USA.

Documents / Resources

	anko 42887942 Build Your Own Science X-plorer [pdf] User Guide 42887942 Build Your Own Science X-plorer, 42887942, Build Your Own Science X-plorer, Your Own Science X-plorer, Own Science X-plorer, Science X-plorer

References

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