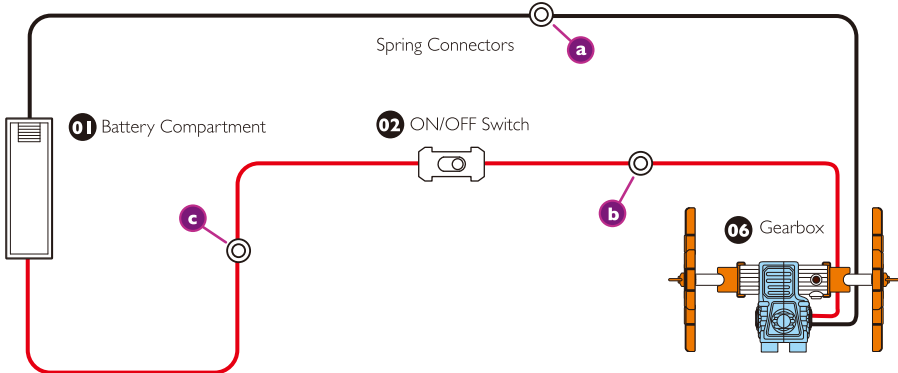


Basic connection principle

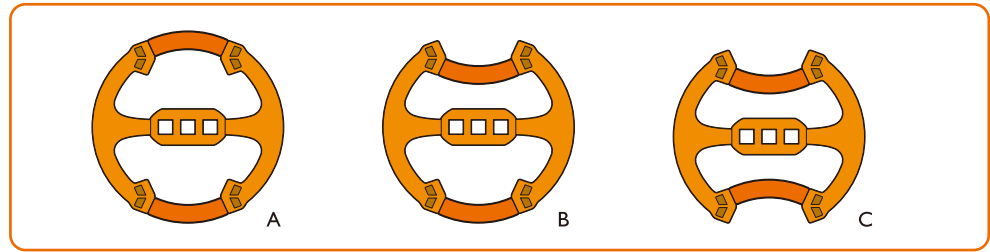
Wiring connections	Spring (a)	Spring (b)	Spring (c)
Battery Compartment (01)	black		red
ON/OFF Switch (02)		red	red
Gearbox (06)	black	red	

How to play

- 1.Assemble the Space Explorer 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.



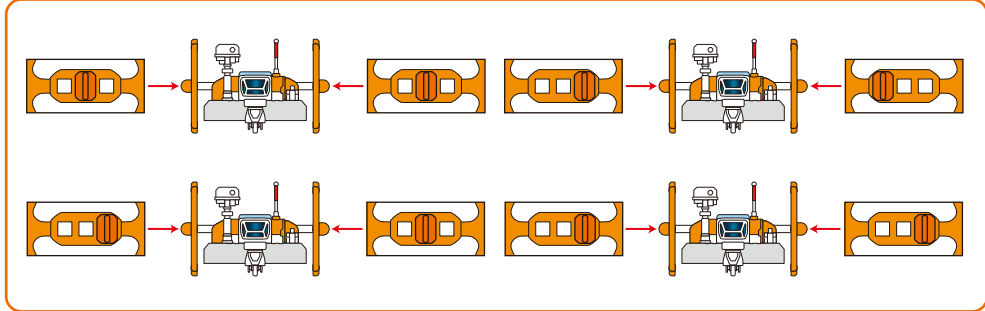
Space Explorer is a concept vehicle designed for experimenting with new wheel systems.This vehicle has a special wheel system that makes it easier to run on a rough surfaces.Its two smart wheels can be combined to 30+ designs. Different design interchange combinations result in different motion patterns,you can trial and test out which is the fastest one and which can perform better on rough surfaces. Once the space rover is assembled, please give it a smart name, design your special wheel and start your wheel R & D experimentation.



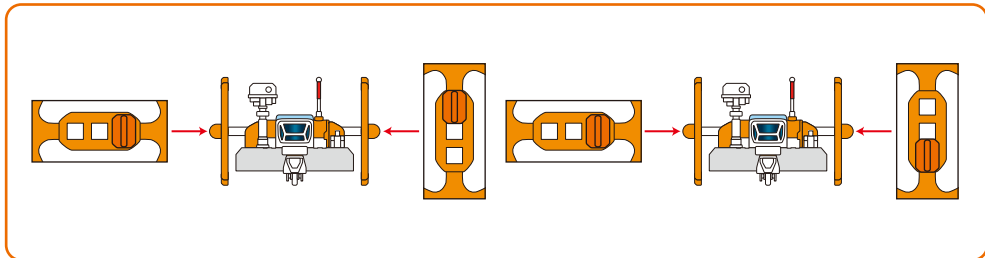
Educational Hints:

The WHEEL is the most important feature of this rover.With this unit you can design different patterns and experiments to test stability,Below options are provided for changing and combining them together:There is no doubt that typical circular wheels are designed to reduce friction and make it easier to move forward. However,sometimes friction is necessary for a rover to move,for example off-road tyre with deeper and wider gap to create friction,With the flexible designated tyre, the rover can run on different ground during its mission. For single wheel experiment, below patterns are suggested combination:

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:



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.

Changing the batteries

Requires 1 x 1.5V AA battery, not included

To change the battery,take out the old batteries from the battery compartment, and then replace them with new battery.

For best performance, always use fresh batteries and remove batteries when not in use. Batteries must be inserted with the correct polarity. Non-rechargeable batteries are not to be recharged. Re-chargeable batteries are only to be charged under adult supervision. Re-chargeable batteries are to be removed from the toy before being charged. Different types of batteries or new and used batteries are not to be mixed. Exhausted batteries are to be removed from the toy. The supply terminals are not to be short-circuited. Only batteries of the same or equivalent types are to be used. Do not dispose of the batteries in fire. Do not mix old and new batteries. Do not mix alkaline, carbon zinc and re-chargeable batteries.

Warnings!

Not suitable for children under 3 years. Small parts - Choking hazard. Long cord - Strangulation hazard. Contains functional electronic components and wires that have sharp points or edges. Adult supervision required. This toy contains small parts and functional sharp points on components. Keep away from children under age 3 years. 1 x AA size battery is required (not included). Please retain the information and this manual for future reference. Instructions for parents are included and have to be observed.

Caution!

Before setting up this unit, please double check and make sure all wiring connections you have made are correct before inserting batteries and switching on the unit as failure may result in damage to components or the unit. Please ensure batteries are inserted with the correct polarity as indicated in the battery diagram before switching on the unit. When experiment is finished, make sure the batteries are disconnected and switch off the unit before you clear away the wires. Do not apply any components or parts to the unit other than those provided with this kit. Do not lock the motor or other moving parts. Otherwise it may cause overheating. The toy is not to be connected to more than recommended number of power supplies.

This symbol indicates that batteries should not be disposed of in the normal household waste but taken to appropriate local recycling facilities, where and when these are available. Never throw batteries in a fire or attempt to open outer casing. This product should not be treated as normal household waste and it should be recycled. John Lewis does not operate instore take back, but as members of the Distributor Take Back scheme have funded the development and upgrade of recycling facilities across the UK. Please take it to your nearest collection facility or for further details contact your local council or visit www.recyde-more.co.uk.

Remove all packaging/tags before giving to a child. Retain this information for future reference. We carefully assess our toys to ensure they comply with toy safety standards. John Lewis Plc, 171 Victoria Street, London SW1E 5NN johnlewis.com



Please retain these instructions for future reference

Made in China

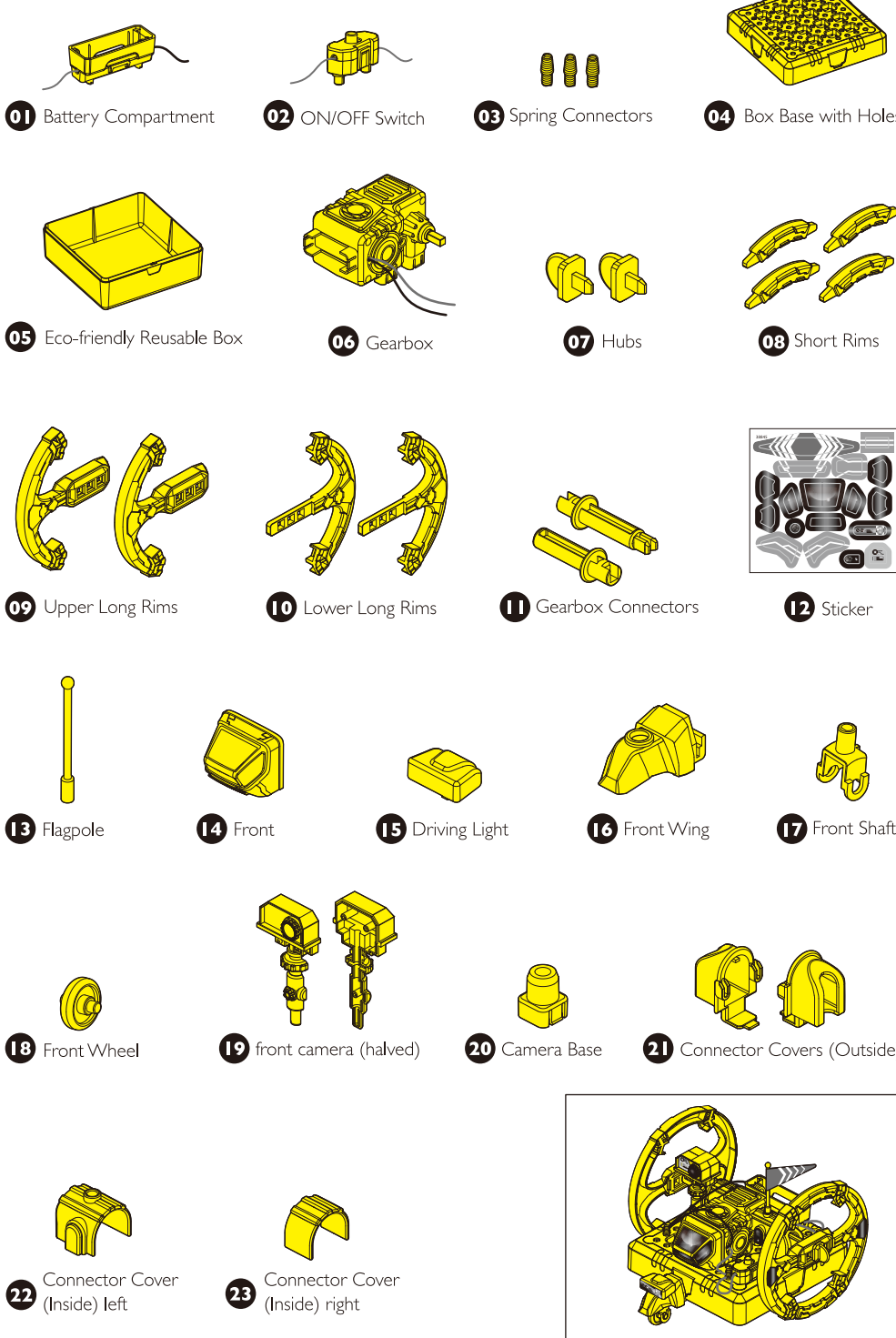
Build your own
Space explorer

Thank you for purchasing this toy. Please read the instructions and warnings carefully before use to ensure safe and satisfactory operation of this product.

Parts list

Description	Quantity
01. Battery Compartment	1pc
02. ON/OFF Switch	1pc
03. Spring Connectors	3pcs
04. Box Base with Holes	1pc
05. Eco-friendly Reusable Box	1pc
06. Gearbox	1pc
07. Hubs	2pcs
08. Short Rims	4pcs
09. Upper Long Rims	2pcs
10. Lower Long Rims	2pcs
11. Gearbox Connectors	2pcs
12. Sticker	1pc
13. Flagpole	1pc
14. Front	1pc
15. Driving Light	1pc
16. Front Wing	1pc
17. Front Shaft	1pc
18. Front Wheel	1pc
19. front camera	2pcs
20. Camera Base	1pc
21. Connector Covers (Outside)	2pcs
22. Connector Cover (Inside)	1pc
23. Connector Cover (Inside) right	1pc
24. Instruction Manual	1pc

Components in this kit



Assembly instructions

