

CHOOSING YOUR PLAYING LOCATION

You can operate your Vortex indoors or outdoors. The Vortex is designed to operate in most rugged conditions and terrains. Do not operate your Vortex on roads or any areas where there are cars. Operating your Vortex on roads or any areas with cars is extremely dangerous and most likely illegal! The Vortex is not water resistant. Do not operate your Vortex in any wet conditions, mud, puddles, rain or any other form of precipitation or harsh weather. The Vortex has open Cooling Vents in some strategic locations. If water gets into these Cooling Vents, the Vortex could sustain damage which would not be covered under warranty. If operating your Vortex indoors, be careful to avoid contact with any objects such as furniture, plants, electronics, and any other items which can break easily. The Vortex is capable of some relatively high speed stunts and could easily damage some household objects. Avoid operating your Vortex around pets or people, and especially crowds. If the Vortex is stepped on or otherwise crushed, it will sustain damage that would not be covered under warranty. Ensure that people around you are aware that you are playing with your Vortex. Be aware of changes in your operational environment and play safe! The radio control range of your Vortex is up to 80' (24 M), and varies depending on interference within the operational environment. **WARNING: The relatively high speed stunts of the Vortex are capable of damaging or injuring plants, furniture, pets or people so play carefully.**

Performance Tips

1. Do not drive on grass, dirt, sand, dusts, carpet or go through water.
2. Do not drive in windy or rainy weather.
3. Avoid direct impact the Vehicle with obstacles.
4. Switch OFF the power when not in use to prevent damage of Vehicle and Transmitter due to leakage of electrolyte from batteries.
5. Remove all batteries from the Vehicle and Transmitter when not in use for long period.
6. Keep fingers, hair and loose clothing away from wheels.
7. The operating range can be affected by a variety of factors a) Low Voltage of batteries in Transmitter or Vehicle b) Interference from other items that emit radio frequency signals.
8. Outdoor usage is recommended in order to get optimum control range.
9. Recommend to play the vehicle on a clean and smooth surface.
10. Clean the battery compartment to make sure it is free from dust to prevent poor contact of batteries

Cautions

1. Do not attempt to disassemble the Vehicle or Transmitter.
2. Do not operate the Vehicle with same frequency with other player(s) in same location that will interfere and make the Vehicle out of control.
3. Make sure the batteries are installed with correct polarities (+/-) as shown inside the battery compartment.
4. Remove the package and take out all accessories before giving the Vehicle and Transmitter to child to play.



The packaging and instruction manual contain important information. Please keep them for future reference. **Warning! Choking Hazard. Not suitable for children under the age of 3 years due to small parts.** We reserve the right to improve/amend specifications and colors without notice. **Warning! The Antenna of vehicle is not to be inserted into socket outlets.**

FCC label compliance statement:

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
 2. This device must accept any interference received, including interference that may cause undesired operation.
- Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna
 - Increase the separation between the equipment and receiver
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
 - Consult the dealer or an experienced radio/TV technician for help

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RSS-310 Compliance Statement:

This device complies with Industry Canada Licence-exempt RSS-310. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Declaration of Conformity

The product is in conformity with the requirement of EU Directive 1999/5/EC



Environmental notes:

The whole product also does not belong to household waste at the end of the product life. You can return it at collection points for the recycling of electronic and electrical instruments. The symbol on the item, instruction manual, hangtag or packing is showing this clearly.

Materials should be recycled according to their respective markings.

Recycling of old devices or other re-use of materials contained therein represents an important contribution to environmental protection.

Please ask at your local community for the correct collection point.



Disposal of batteries

Batteries should not be disposed of in the household waste. As the consumer you are legally obliged to return batteries containing harmful substances and all other used batteries. You can hand in your old batteries at public collection points in your area or wherever batteries are sold. You will find these chemical abbreviations along with a crossed-out refuse bin on batteries containing harmful substances:

Pb=Battery contains lead
Cd=Battery contains cadmium
Hg=Battery contains mercury

Conforms to the safety requirements of ASTM F963

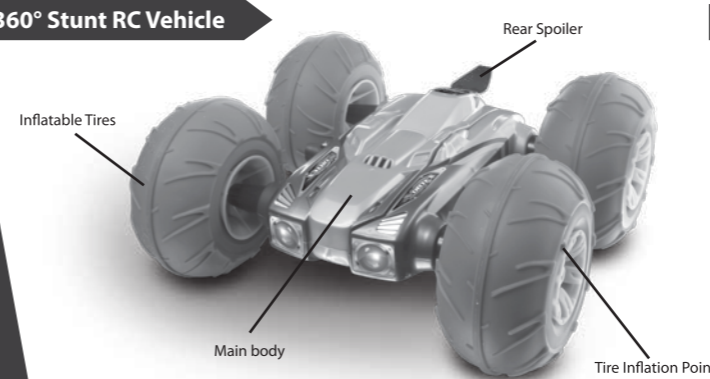


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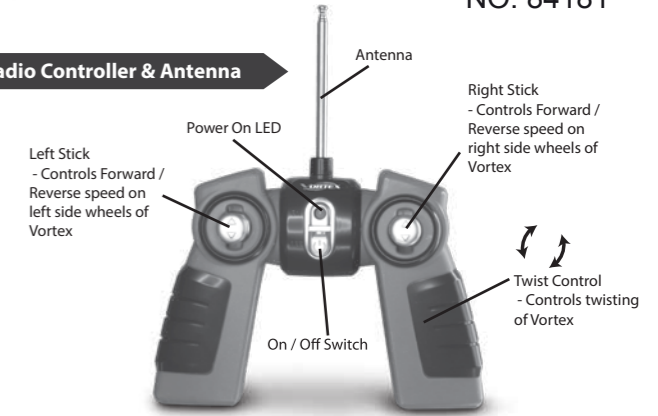
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Vortex 360° Stunt RC Vehicle



Radio Controller & Antenna



CONTENTS



11.1V Lithium Ion Rechargeable Battery Pack



AC Charger



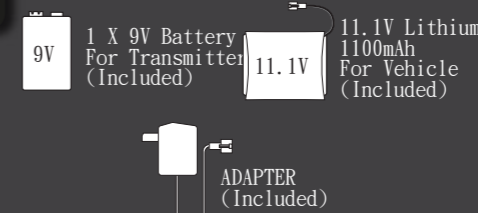
Tire Inflation Air Pump and Needle



Tire Inflation Gauge Template

BATTERY REQUIREMENTS:

1. **Vehicle:**
1 x 11.1V Lithium Ion (1100mAh) rechargeable battery pack (Included)
2. **Transmitter:**
1 x 9V battery (Included)



Charging the Rechargeable Battery Pack for the Vehicle

1. Connect the 11.1V rechargeable battery pack to the battery charger.
2. Plug the charger into the standard AC socket.
3. The charging time for a full charge is about 2 hours.
4. When charging is completed, unplug the charger from the AC socket.
5. Disconnect the rechargeable battery pack from the battery charger.

CAUTION

- Be Sure To Charge Battery Pack Before Using.
- If Battery Pack Is Hot After Use, Allow To Cool Before Recharging.
- Do Not Dispose Of Battery Pack In Fire.
- Do Not Recharge Battery Pack That Shows Leakage Or Corrosion, or Attempt To Open Battery Pack.



Battery Precaution

1. The 11.1V rechargeable battery pack must be charged before use by utilizing the battery charger which included.
2. Do not overcharge the battery pack. Do not charge for more than 6 hours.
3. Do not charge the battery pack if it shows leakage, corrosion, or has loose or exposed wires or other damage.
4. Do not cover the battery pack with any sort of materials while charging.
5. Do not touch the battery pack when it is hot. Wait until the battery pack cools before installing it in the Vehicle and before recharging.
6. Do not dispose of the battery in fire.
7. Do not dismantle the battery or charger, and do not cut the battery or charger cables.
8. The battery pack will be warm after charging, and hot after use in a vehicle.
9. The supply terminals are not to be short-circuited.
10. Rechargeable batteries are to be removed from the toy before being charged.
11. Rechargeable batteries are only to be charged under adult supervision.
12. Battery replacement must be only made by adults.
13. The transformer (charger) is not a toy.
14. Charge only type (1100mAh Max.) rechargeable battery packs. Other types of batteries may burst causing injury to persons and damage. This power unit is intended to be correctly orientated in a vertical or floor mount position. This charger is intended to be used for charging 11.1V rechargeable battery pack with capacity 1100mAh Max. It cannot be used for charging non-rechargeable batteries. Regular examination of battery charger for any damage to their cord, plug, enclosure and other parts, and that, in the event of such damage, it must not be used with the charger or battery pack charge until such damage has been repaired. Note that the 9V battery is non-rechargeable and is not to be recharged. Only batteries of the same or equivalent type as recommended are to be used. It will need replacement when transmission is poor.
15. Exhausted batteries are to be removed from the product.

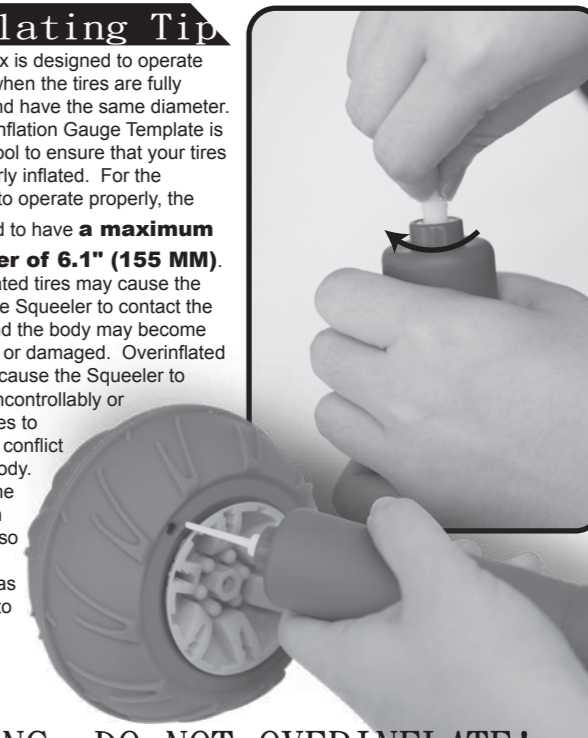
Inflating The Tire

1. Attach the Tire Inflation Needle (included) to any standard air pump (included).
2. Gently insert the Tire Inflation Needle into the Tire Inflation Point on one of the Tires (as shown).
3. Position the cardboard Tire Inflation Gauge Template (Included with the Vortex) on the tire to ensure that the Tire is fully inflated to the proper size. Inflate the Tire so that the outer rim of the Tire touches the inner edge of the Tire Inflation Gauge Template.
4. Once the Tire is fully inflated, disconnect the Tire Inflation Needle from the Tire by pulling it out, and remove the Tire Inflation Gauge Template. Repeat these steps on the other 3 Tires until all 4 Tires are inflated to the exact same size.



Inflating Tip

The Vortex is designed to operate properly when the tires are fully inflated and have the same diameter. The Tire Inflation Gauge Template is a handy tool to ensure that your tires are properly inflated. For the Squeeler to operate properly, the Tires need to have a **maximum diameter of 6.1" (155 MM)**. Underinflated tires may cause the body of the Squeeler to contact the ground and the body may become scratched or damaged. Overinflated tires may cause the Squeeler to bounce uncontrollably or for the Tires to physically conflict with the body. Inflating the tires is fun and easy so inflate the tires fully as specified to avoid damage!



⚠ WARNING: DO NOT OVERINFLATE!

Battery and Antenna Installation

Vehicle

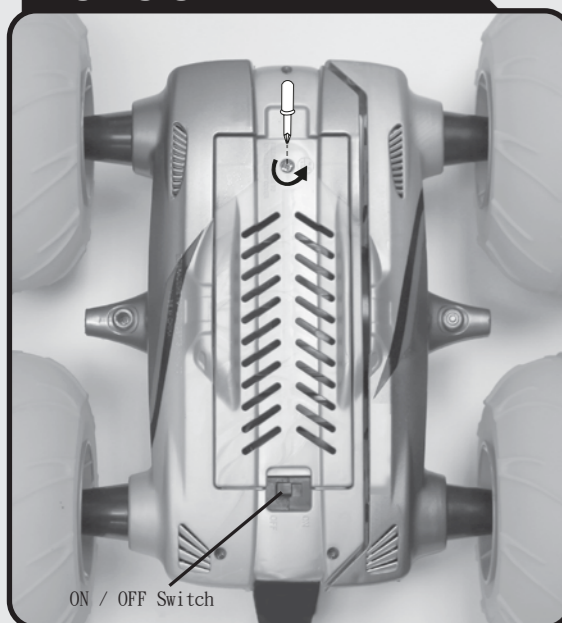


Fig. 1

For Vehicle (Fig. 1 and Fig. 2)

1. Switch OFF the power.
2. Unscrew the screw on the battery cover.
3. Open the battery cover.
4. Install a new 11.1V battery pack with correct polarities (+/-) as shown inside the battery compartment.
5. Close the battery cover.
6. Tighten the screw on the battery cover.

Vehicle - Battery Installation

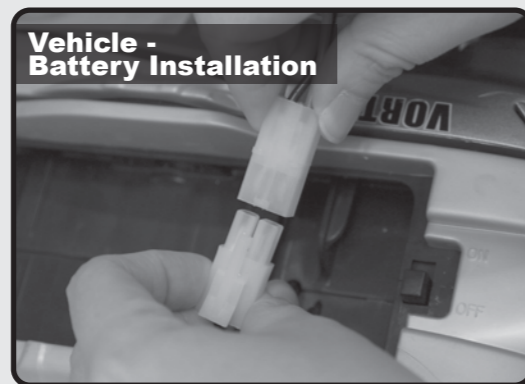


Fig. 2

Transmitter

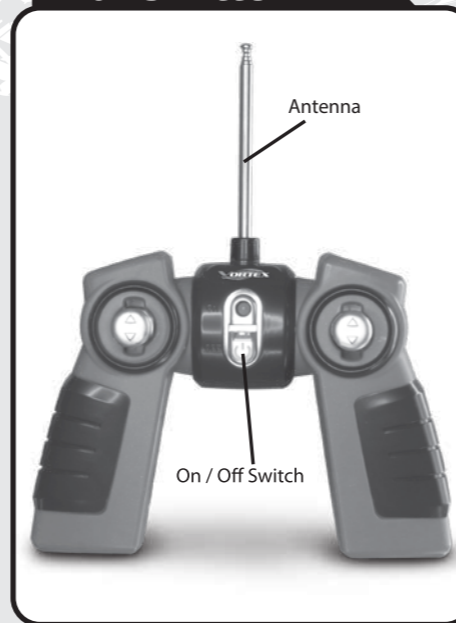


Fig. 3

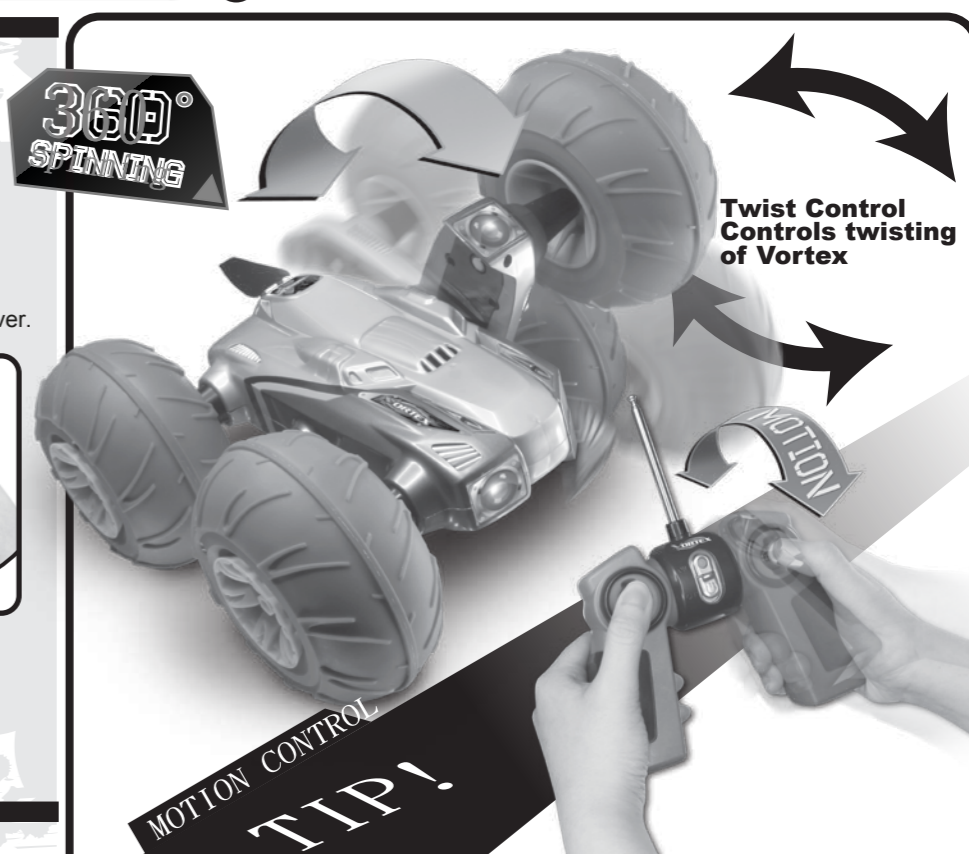
For Transmitter (Fig. 3 and Fig. 4)

1. Switch OFF the power.
2. Slide to open the battery cover.
3. Install 1 new 9V battery with correct polarity (+/-) as shown inside the battery compartment.
4. Close the battery cover.
5. Tighten the screw on the battery cover.



Fig. 4

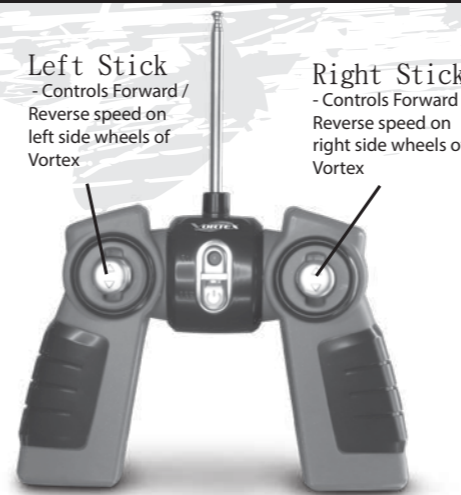
6. Insert the antenna into the top of Transmitter, tighten it by rotating clockwise (viewing from top of Transmitter)



Operating The Vortex

Once the fully charged Battery Pack is inserted into the Vortex and the Controller is likewise prepared you are ready to play with your Vortex! Operation of the Vortex is simple as described below. See what sorts of stunts you can come up with!

1. Ensure that the On / Off Switches on the Vortex and the Controller are in the On position.
2. Move the Left and Right Sticks on the Controller and also twist the Controller to drive the Vortex. Twisting the Controller will twist the Squeeler under certain circumstances. It is recommended to experiment with this feature and develop your own stunts. Let the off-road stunt driving begin! The following is a table of Vortex Controller Stick inputs and their functional results:
3. If your Vortex's Battery Pack becomes depleted, you will need to recharge your Battery Pack as outlined in the section: "INSTALLING BATTERIES", sub-section: "Charging the 11.1V Rechargeable Battery Pack and Installing it into the Vortex".
4. When you are finished playing with your Vortex or if the Battery Pack is depleted, turn off the Controller and the Vortex.



Left Stick	Right Stick	Function
Neutral	Neutral	Nothing
Up	Up	Forward
Down	Down	Reverse
Up	Down	Spin Right
Down	Up	Spin Left
Up	Neutral	Forward & Turn Right
Down	Neutral	Reverse & Turn Left
Neutral	Up	Forward & Turn Left
Neutral	Down	Reverse & Turn Right