



Electric Ride-On Toy ATV

User Manual

[Revision 3.0 May 2018]

READ THIS MANUAL CAREFULLY BEFORE USE – FAILURE TO DO SO MAY RESULT IN INJURY, PROPERTY DAMAGE AND MAY VOID WARRANTY. • KEEP THIS MANUAL FOR FUTURE REFERENCE. • Products covered by this manual may vary in appearance, assembly, inclusions, specifications, description and packaging.

THE BATTERY MAY HAVE SOME CHARGE ON ARRIVAL, IT IS IMPORTANT HOWEVER THAT THE BATTERY IS CHARGED PRIOR TO USE.

Safety



Read and understand all safety warnings and instructions before assembling or using the electric ride-on car ("toy"). The instructions not only specify the assembly process and proper operation, but also help you to avoid injuries or damaging the product due to incorrect operation.

- **Choking hazard – small parts included. Not suitable for children under 3 years of age.**
- **Use the toy under adult supervision. Although most children can master the skills required to control the toy, they do not have mature judgment skills. Never let a child use the toy at any time without adult supervision. Take the time to carefully evaluate the child's skill levels and abilities to operate the toy safely. Children cannot always recognize hazards even after instruction, so teach appropriate safety rules before allowing any child to operate the toy.**
- **Maximum load capacity = 30kg.**
- An adult should inspect the toy at regular intervals for wear or loose fasteners etc, and tighten as required. Do not use the toy if abnormal conditions such as cracks or breaks exist.
- Do not operate the toy on public streets or roads, near moving vehicles, steep inclines or steps, near swimming pools, or any other potentially dangerous areas.
- The toy is designed for outdoor use on suitable surfaces and in dry conditions. Do not operate in the dark, on sand or gravel, dirt, grass, uneven or rough ground. Running the toy indoors may cause damage to flooring or other items.
- The remote control should only be operated by adults or under adult supervision.
- When the remote control batteries are running low, the effective range of the remote control is reduced. Replace with new batteries.
- This toy must not be overloaded or used to push or pull other objects.
- This toy is suitable for children aged 3 and up.
- Some parts of the toy may be damaged due to improper operation.
- Do not suddenly switch between forward and reverse when the toy is moving. Switch between forward and reverse only when the toy is stationary.
- Clean the toy with a soft, clean cloth. Do not spray or immerse the toy with water, which might damage the electronics.
- This product is made of plastics. Keep it away from fire or other sources of heat.
- The electric motors may produce sparks. Do not run the toy in flammable and explosive areas such as a petrol station.
- Do not allow children near or to touch moving parts when the toy is running.
- The packaging is not a toy and should be disposed of responsibly.
- Adults are required to read these instructions carefully and give correct guidelines to children on how to safely operate the toy before using it. Instruction should include:
 - Starting, stopping and steering.
 - One rider only at a time, and always sit in the seat.
 - Wear shoes.
 - Do not place hands, feet or any part of the body, clothing or other articles near moving parts while the toy is in operation.
- If the toy malfunctions, do not use it until it is repaired.
- **Thermal Fuse** - The toy is equipped with a built-in thermal fuse. The fuse is a self-resetting safety device that shuts down the toy if it is overloaded. Once a fuse has tripped it will automatically reset after approximately 10 seconds and allow the toy to resume normal operations. To avoid repeated tripping, do not overload the toy by exceeding the maximum weight capacity. Avoid inappropriate driving conditions,

such as steep slopes or against fixed objects, which can cause the wheels to stop spinning while power is being supplied to the motors. If a thermal fuse in continually trips under normal operating conditions and loads, have the toy inspected by an authorised service centre.

Battery Safety and Charging



Failure to follow instructions on correct battery maintenance may permanently damage the batteries and will void the warranty.

- Never modify the electrical system. Alterations may cause malfunction, fire, serious injury and/or property damage.
- **Charge the batteries for 10 hours before first use.**
- **Do NOT charge the batteries for longer than 10 hours continuously .**
- Do NOT short-circuit batteries or battery supply terminals.
- Do NOT expose batteries to excessive heat, flammable or corrosive substances.
- Do not store batteries in temperatures above 40°C (104°F) or below -23°C (-10°F).
- Charge the batteries at least monthly, even if the toy is not in use.
- Over-charging or under-charging the batteries may shorten battery life and decrease toy running time.
- Do not allow the batteries to discharge completely before charging.
- Charge the batteries after each use, regardless of how long the toy was used.
- The battery compartment is not a storage areas. Storing other articles may create a fire hazard.
- If battery acid is ingested, call a physician immediately and give water or milk. Do not induce vomiting.
- Install batteries correctly and according to polarity.
- Remove the batteries if the toy is not be used for an extended period of time.
- Dispose of used batteries in an environmentally responsible manner and according to regulations.
- Do NOT burn or dispose of batteries in a fire.
- Use of the wrong type battery or charger may cause a fire or explosion resulting in serious injury. Only batteries of the same or equivalent type as recommended are to be used.
- Batteries must be handled by adults only. Batteries are heavy and contain sulphuric acid (electrolyte). Dropping batteries could result in serious injury.
- Leaving the batteries in a discharged condition will destroy them.
- If the toy will be stored for more than 2 months, disconnect the motor harness from the batteries.
- Battery charging or replacement must be performed by adults only.
- Never lift or carry batteries by wires or connectors. This can damage the battery and possibly cause a fire. Lift and carry batteries by the case only.
- Read all safety instructions on the battery.
- Examine the battery charger, leads, plug and connectors for wear or damage each time you use it. If any damage or wear is detected, do not use the charger until it is repaired or replaced.
- Ensure the voltage and frequency of the charger is compatible with mains electrical supply.
- Only use the battery charger in dry locations.
- Never recharge non-rechargeable batteries.
- Batteries can fall out and cause injury if the toy overturns. Always use the battery brackets and cover (seat).
- Batteries must be upright while charging – ensure the toy is sitting on a flat surface when being charged.

- Periodically examine the batteries (remove the seat) for cracks or damage which may cause sulphuric acid (electrolyte) to leak during charging. If damage is detected, do not charge the battery or use it. Battery acid is highly corrosive and can cause severe injury to persons and damage to surfaces it contacts. If battery acid comes in contact with skin or eyes, call a physician immediately and flush with cool water for at least 15 minutes.
- Do not charge batteries on surfaces that could be damaged by battery acid. Take precautions to protect surfaces where batteries are charged.
- If the batteries are old and will not accept a charge, remove them from the toy. Always remove unserviceable batteries.

Battery Charging

1. Insert the battery charger connector into the charger port located at the rear of the toy.
2. Plug the charger into a standard 240VAC wall socket and switch it ON. The charger may feel warm during charging. This is normal and not a cause for concern.
3. After charging is complete, unplug the charger from the wall outlet and unplug the battery connector from the charger port.





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Parts Identification



Identify all parts before assembly and save all packaging material until assembly is completed to ensure that no parts are discarded. • Metal parts may be coated with lubricant for protection during shipment. Wipe all metal parts with a paper towel to remove any excess lubricant. • Assemble the toy according to instructions. Due to manufacturing techniques it is possible that some parts are over-supplied. • Screwdrivers may be required for assembly.



No.	Name	No.	Name
1	Body	9	Fasteners / Accessories:
2	Rear (Driven) Wheel (2)		4 x Wheel Nut
3	Front Wheel (2)		1 x Machine Screw (Seat)
4	Rear Axle		8 x Axle Washer
5	Front Axle Assembly		2 x Axle Bush
6	Steering Shaft		4 x Wheel Nut Cover
7	Handlebar		8 x Self-Tapping Screw
8	Seat		1 x Split Pin
			Battery Charger
			2 x Wheel Nut Spanner

Assembly



Children may be harmed by small parts, sharp edges and points or electrical components when the toy is not assembled. Care should be taken to not allow children near parts when unpacking and assembling the toy. • The toy should be assembled by an adult or checked by an adult to ensure that it is properly assembled.

Video Tutorial:

[Typical Ride-On Car Assembly](#)



1. Turn the toy over to install the rear axle and the rear (driven) wheels.

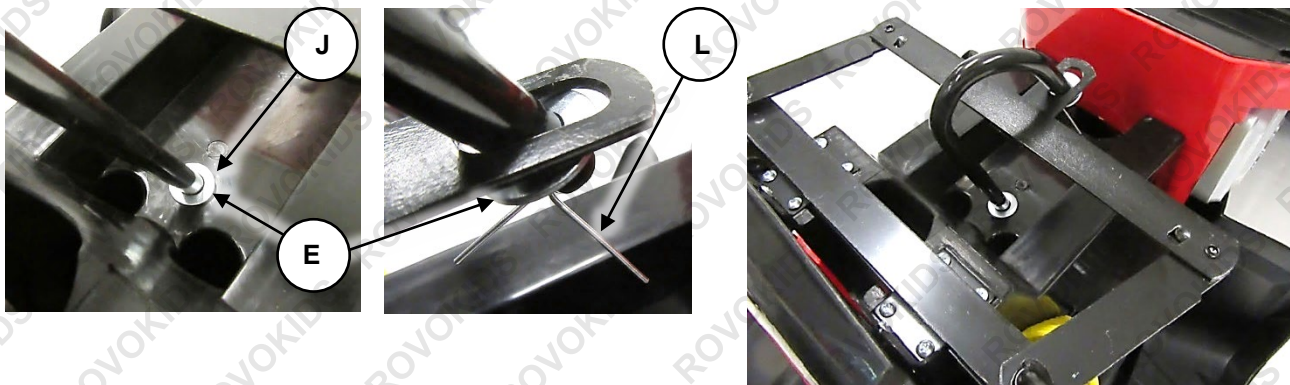
- Insert the rear axle (A) through the drive gears (B) and toy body. Ensure it is centred with the toy body.
- Place the driven wheels (C) on to each end of the rear axle, with the drive gear (D) facing inward, then place an axle washer (E) on the axle, then screw (rotate right) a wheel nut (F) on to the axle and tighten using the supplied wheel nut spanner. Ensure that the wheels are secure, however, the nuts are not so tight as to prevent the wheels from being driven.



2. Install the front axle assembly and steering shaft.

- Place the front axle assembly (H) into position as shown so the mounting brackets align with the mounting points on the toy body. Attach the front axle assembly to the toy body using 8 self-tapping screws. Tighten (rotate right) the screws using a Phillips head screwdriver, however, be careful not to over-tighten the screws as they are screwing into plastic.
- Place an axle washer (E) onto the straight end of the steering shaft (I), then insert the steering shaft (I) into the toy body through the steering hole (J). Insert the hooked end of the steering shaft into the hole (K) at the rear of the front axle assembly. On the end of the steering shaft, place an axle washer (E) and prevent it from falling out by inserting a split pin (L) through the hole in the shaft. Bend the legs of the split pin out so it cannot fall out. The purpose of the washer and split pin is to ensure the steering shaft is always engaged with the front axle assembly





3. Install the front wheels.

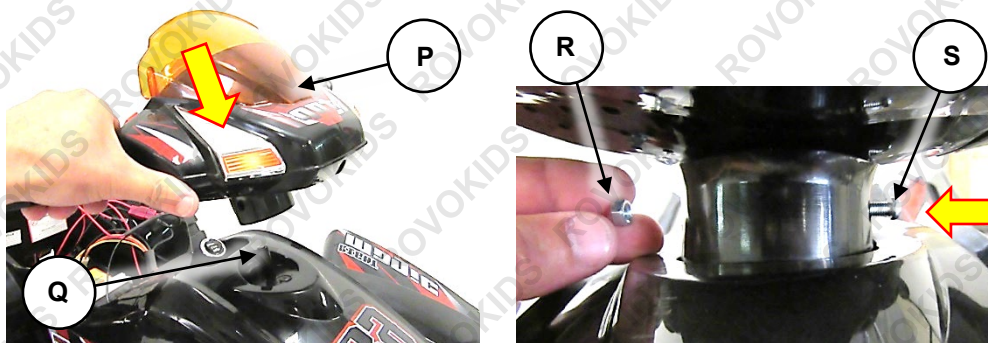
- Place an axle washer (E) and axle bush (M) on to each front axle (N).
- Place a front wheel (O) onto each axle, then place an axle washer (E) on the axle, then screw (rotate right) a wheel nut (F) onto the axle and tighten using the supplied wheel nut spanner. Ensure that the wheels are secure, however, the nuts are not so tight as to prevent the wheels from spinning freely.



- On all wheels, install the wheel nut covers (G) by aligning the tabs on the cover with the slots in the wheel then pressing the cover in until it "clips" into place.

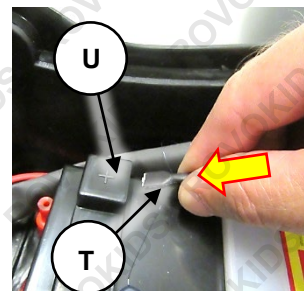
4. Install the handlebar.

- Remove the screw and nut from the handlebar stem.
- Ensure the front wheels are straight then slide the handlebar (P) onto the steering shaft (Q) – ensure that the handlebar stem screw hole aligns with the hole in the shaft.
- Insert the nut (R) into the recess in the handlebar stem. Insert the screw (S) from the other side of the handlebar stem, passing through the steering shaft and into the nut. Adequately tighten the screw with an appropriate screwdriver.



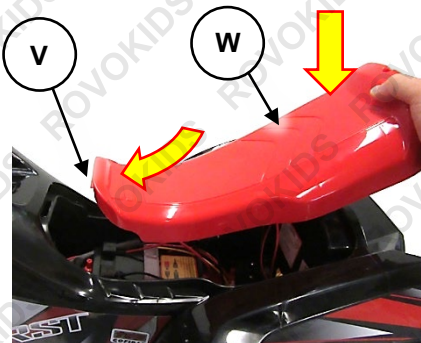
5. Connect the battery.

- Firmly push the unconnected battery wire (T) onto the free battery terminal (U). Once connected, the battery can be charged using the toy charging port.



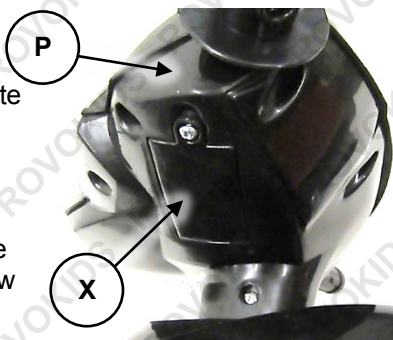
6. Install the seat (this also acts as a battery cover).

- Ensure no wires can be crushed or pinched when the seat is installed.
- Insert the tab (V) at the front of the seat (W) into the corresponding slot in the toy body, then attach the back of the seat to the toy body using 1 machine screw. Tighten (rotate right) the screws using a Phillips head screwdriver, however, be careful not to over-tighten the screw as it is screwing into plastic.



7. Install the "sounds" battery.

- On the underside of the handlebar (P) (left side), using a suitable screwdriver remove the screw (rotate left) securing the battery cover (X). Remove the cover and insert 2 AA batteries (ensure battery polarity is correct) into the compartment. Re-install the cover and secure with the screw. Do not over-tighten the screw as it is screwing into plastic.



Assembly is now complete.

Operation

Controls



No.	Name	Description
1	Direction / Speed Control	Use to set the direction of travel and speed: High –Travel forward at highest speed. Low – Travel forward at slowest speed. Backward – Travel backwards at slowest speed.
2	Accelerator	Press to travel in the direction set using the direction control (forward or reverse). Release to stop.
3	Horn Sounds	Press for "horn" sounds.
4	Music	Press for various in-built songs.

Driver Mode Operation

1. Ensure the "rider" is correctly and safely seated on the toy.
2. Select the direction and speed of travel using the direction / speed control.
3. Press the accelerator pedal to begin moving. Release the accelerator to stop.

Troubleshooting

Malfunction	Analysis	Solution
<i>Toy not running or was running but suddenly stopped</i>	<ol style="list-style-type: none"> 1. Fuse tripped. 2. Electrical connections not secure. 3. Dead battery. 4. Under-charged battery. 5. Battery charger not working. 6. Electrics or switches damaged. 	<ol style="list-style-type: none"> 1. Toy overloaded or used on unsuitable surfaces. Fuse resets after 10 seconds. Unload toy (30kg max.) and/or move to suitable surface. 2. Check all wires and connections. Ensure the electrical harness is fully connected. Ensure no motor wires are loose or disconnected. 3. Battery no longer serviceable. Have battery checked by an authorised service centre or replace. 4. Charge battery and ensure battery charging and care procedures are followed. 5. Have charger professionally checked. If not working – replace. 6. Seek diagnosis and repair from authorised service centre.
<i>Short operating time – less than 1 hour per charge</i>	<ol style="list-style-type: none"> 1. Under-charged battery. 2. Over-charged battery. 3. Old or faulty battery will not take full charge. 	<ol style="list-style-type: none"> 1. Charge battery and ensure battery charging and care procedures are followed. 2. Battery no longer serviceable. Have battery checked by authorised service centre or replace. 3. Expected battery life is 1 to 3 years depending on care, use and conditions. Have battery checked by authorised service centre or replace.
<i>Movement is sluggish</i>	<ol style="list-style-type: none"> 1. Under-charged battery. 2. Old or faulty battery will not take full charge. 3. Toy overloaded. 	<ol style="list-style-type: none"> 1. Charge battery and ensure battery charging and care procedures are followed. 2. Expected battery life is 1 to 3 years depending on care, use and conditions. Have battery checked by an authorised service centre or replace. 3. Toy overloaded or used on unsuitable surfaces. Unload toy (30kg max.) and/or move to suitable surface.
<i>Intermittent running</i>	<ol style="list-style-type: none"> 1. Electrical connections not secure. 2. Main body electrics or switches damaged. 	<ol style="list-style-type: none"> 1. Check all wires and connections. Ensure vehicle and battery electrical harness is fully connected. Ensure no motor wires are loose or disconnected. 2. Seek diagnosis and repair from authorised service centre.
<i>Vehicle requires a push to get running</i>	<ol style="list-style-type: none"> 1. Electrical connections not secure. 2. Motor has “dead” spot. 	<ol style="list-style-type: none"> 1. Check all wires and connections. Ensure the electrical harness is fully connected. Ensure no motor wires are loose or disconnected. 2. Seek diagnosis and repair from authorised service centre.
<i>Gear box noisy</i>	Broken or damaged gears.	Seek diagnosis and repair from authorised service centre.
<i>Battery gets warm during charging</i>	Normal operation.	<i>None required</i>
<i>Faint sounds and heating from battery when charging</i>	Normal chemical reaction.	<i>None required</i>

Maintenance

- If the toy is damaged, do not use it until it is repaired.
- An adult should inspect the toy at regular intervals for wear or loose fasteners and tighten as required. Do not use the toy if abnormal conditions such as cracks or breaks exist.
- The toy should be assembled by an adult or checked by an adult to make sure that it is properly assembled.
- Clean the toy with a clean cloth only. Do not use abrasives, solvents or harsh detergent when cleaning. Do not spray or immerse the toy in water as this will damage the electronics.

Specifications

Net Weight	20kg
Battery Type	12V 7Ah
Charger Type	12VDC 1000mA (output)
Range	1 to 2 hours (full charge)
Charge Time	8 to 10 hours generally (full charge)
Maximum Rider Weight	30kg



Some experts believe the incorrect or prolonged use of almost any product could cause serious injury or death. For information that may reduce your risk of serious injury or death, consult the points below and additionally, the information available at www.datastreamserver.com/safety

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|---|--|
| <ul style="list-style-type: none"> • Consult all documentation, packaging and product labelling before use. Note that some products feature online documentation which should be printed and kept with the product. • Check product for loose / broken / damaged / missing parts, wear or leaks (if applicable) before each use. Never use a product with loose / broken / damaged / missing parts, wear or leaks (if applicable). • Products must be inspected and serviced (if applicable) by a qualified specialist every 6 months assuming average residential use by a person of average weight and strength, above average technical aptitude, on a property matching average metropolitan specification. Intended use outside these guidelines could indicate the product is not suitable for intended use or may require more regular inspection or servicing. • Ensure all possible users of the product have completed an industry recognized training course before being given access to the product. | <ul style="list-style-type: none"> • The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or your description of the application. Be sure to attain third-party approval for your application from a qualified specialist before use regardless of prior assurances by the retailer or its representatives. • This product is not intended for use where fail-safe operation is required. As with any product (take an automobile, aircraft, computer or ball point pen for example), there is always a small chance of technical issues that needs to be repaired or may require replacement of the product or a part. If the possibility of such failure and the associated time it takes to rectify could in any situation inconvenience the user, business or employee then the product is not suitable for your requirements. This product is not for use where incorrect operation or a failure of any kind, including but not limited to a condition requiring product return, replacement, service by a technician or replacement of parts could cause a financial loss, loss of employee time or an inconvenience requiring compensation. • If this item has been purchased in error after considering the points above, simply contact the retailer directly for details of their returns policy, if required. |
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