



Mercedes Benz S63 AMG Electric Ride-On Car

User Manual

[Revision 7.0 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.

Table of Contents

Safety	3
Battery Information	5
Battery Charging and Replacement	5
Charging the Battery.....	6
Replacing the Battery	6
Battery Care and Disposal	6
Battery Care	6
Battery Disposal	7
Included Items	8
Parts.....	8
Assembly	9
Operation	14
Controls.....	14
Driver Mode Operation.....	15
Remote Control Mode Operation	15
Music System Operation	16
Troubleshooting	17
Maintenance	18
Specifications	18

Safety

It is very important to read the instructions here carefully before using the electric ride-on car. 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.

This product can be operated in either driver or remote control modes.

- **WARNING!** Choking hazard – small parts included. Not suitable for children under 3 years of age.
- **CAUTION!** Ride-on car operation must always be under adult supervision. Although most children can master the physical driving skills to control the vehicles, they do not have mature judgment skills. Never let a child drive at any time without adult supervision, and take the time to carefully evaluate child's skill levels and abilities to operate the vehicle safely. Children cannot always recognize hazards even after instruction. So teach appropriate safety rules before allowing any child to operate vehicle.
- This product should be assembled by an adult or checked by an adult to make sure that it is properly assembled.
- An adult should inspect the ride-on car at regular intervals for wear or loose hardware and tighten as required. Do not use the vehicle if abnormal conditions such as cracks or breaks exist.
- Do not operate the ride-on car on public streets or roads, near moving vehicles, steep inclines or steps, near swimming pools, or any other potentially dangerous areas.
- The ride-on car 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 car 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 ride-on car must not be overloaded or used to push or pull other objects. The maximum load capacity is 30 kilograms.
- This ride-on car is suitable for children aged 3 and up.
- Some parts of the ride-on car could be damaged because of improper operation.
- Do not suddenly switch between forward and reverse when the ride-on car is running. Switch between forward and reverse only when the ride-on car is stationary.
- Clean the ride-on car with a clean cloth. Do not spray or immerse the ride-on car with water, which might damage the circuits.
- This product is made of plastics. Keep it away from fire or other sources of heat.
- The electric motors could produce sparks. Do not run the ride-on car in flammable and explosive areas such as a petrol station.
- Do not allow children near or touch moving parts when the car is running. Keep other children away from the ride-on car when it is running.
- The packaging of the ride-on car 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 ride-on car 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 vehicle is in operation.
- The seat belt is a decoration only to develop a sense of safety in children; it cannot provide any substantial protection.

- If the ride-on car malfunctions, do not use it until it is repaired.
- **CAUTION!** When charging or replacing the vehicle battery, pay attention to the following:
 - Failure to follow instructions on correct battery maintenance may permanently damage the battery and will void the warranty.
 - **The vehicle battery must be fully charged before first use - initial battery charge is 12 hours.**
 - **Charge the battery at least once a month, even if the vehicle is not in use.**
 - A damaged battery may leak or produce hazardous substances – use adequate precautions when handling batteries.
 - Never modify the electrical system. Use of the wrong type battery or charger could cause a fire or explosion.
 - The battery charger is not a toy and must be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of damage, the damage or worn part must not be used until replaced.
 - The battery compartment and area under seat are not storage areas. Storing other articles may create a fire hazard.
 - Battery charging should be performed by adults only.
 - Battery replacement should be performed by adults only.
 - Install batteries correctly according to polarity.
 - Keep the supply terminals from short-circuiting.
 - Never attempt to recharge non-rechargeable batteries.
 - Dispose of used batteries in an environmentally responsible manner.
 - Do not expose batteries to excessive heat, flammable or corrosive substances.
 - Take out the batteries if the ride-on car will not be used for an extended period of time. Always remove used batteries.

Battery Information



WARNING!

PREVENT FIRE

- Never modify the electrical system. Alterations could cause a fire resulting in serious injury and could also ruin the electrical system.
- Use of the wrong type battery or charger could cause a fire or explosion resulting in serious injury. Only batteries of the same or equivalent type as recommended are to be used.
- The battery must be handled by adults only. The battery is heavy and contains sulphuric acid (electrolyte). Dropping the battery could result in serious injury.
- Battery charging or replacement must be performed by adults only. Never allow children to charge the battery.
- Never lift or carry the battery by wires or connectors. This can damage the battery and possibly cause a fire. Lift and carry the battery by the case only.
- Read the safety Instructions on the battery.
- Examine the battery, charger and their connectors for excessive wear or damage each time you charge the battery. If damage or excessive wear is detected, do not use the charger or the battery until you have replaced the worn or damaged part.
- Only use the battery charger in dry locations.

Thermal Fuses

The vehicle is equipped with a built-in thermal fuse. The fuse is a self-resetting safety device that shuts down the vehicle if it is overloaded. Once a fuse has tripped it will automatically reset after approximately 10 seconds and allow the vehicle to resume normal operations. To avoid repeated tripping, do not overload the vehicle by exceeding the maximum weight capacity. Avoid severe driving conditions, such as driving up very 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 a battery continually trips under normal operating conditions and loads, have the vehicle inspected by an authorized service center or technician.

IMPORTANT NOTES

- Never recharge non-rechargeable batteries.
 - The battery can fall out and cause injury if the vehicle overturns. Always use the battery cover.
 - The battery must be charged for at least 12 hours before using it for the first time.
 - You do not need to remove the battery from the vehicle to recharge it.
 - The battery must be upright while charging.
 - Do not short-circuit the battery or battery supply terminals.
 - Before charging the battery, examine the battery case for cracks or other 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.
 - Do not charge the battery on a surface that could be damaged by the acid in the battery. Take precautions to protect surfaces where the battery is charged.
 - If the battery is old and will not accept a charge, do not leave it in the vehicle. Always remove unserviceable batteries.
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Battery Charging and Replacement



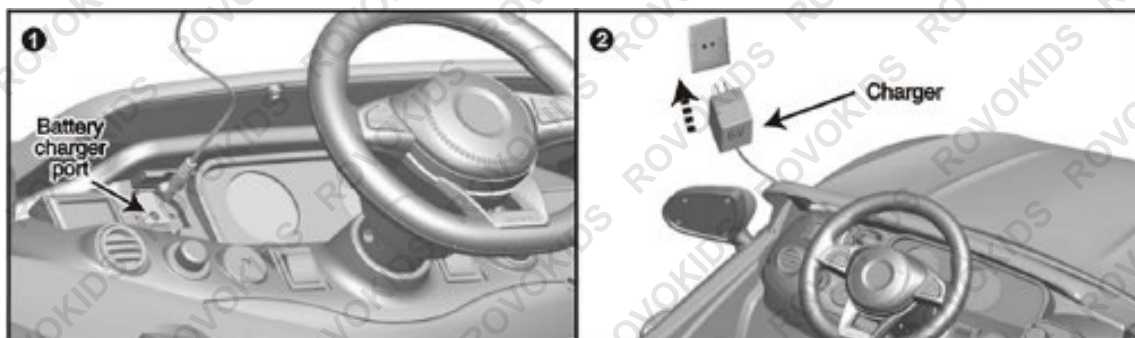
CAUTION!

- Never recharge non-rechargeable batteries.
 - Do not charge the battery for more than 24 hours continuously.
 - Ensure the charger connector matches the vehicle battery charger port connector.
 - Ensure the voltage and frequency of the charger is compatible with mains electrical supply.
 - Always insert batteries with the polarity correct.
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- Do not short-circuit the battery or battery supply terminals.
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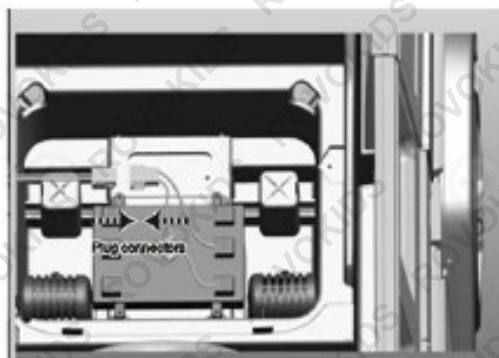
Charging the Battery

NOTE: The first battery charge requires approximately 12 hours. Subsequent charges require 8 to 10 hours.



1. Open the battery charger port cover (located on the dashboard).
2. Insert the battery charger connector into the charger port.
3. 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.
4. After charging is complete, unplug the charger from the wall outlet and unplug the battery connector from the charger port.

Replacing the Battery



1. Remove the screw on the back of the seat and lift the seat out.
2. Disconnect the battery terminals.
3. Remove the four locating screws holding down the battery cover.
4. Carefully lift the battery out of the battery compartment.

Battery Care and Disposal

NOTE: To prolong battery life and maximize battery performance, you must recharge the battery after each use. You must also charge the battery at least once a month, even when not in use.

Battery Care

- If a battery leak develops, avoid contact with the leaking acid and place the damaged battery in a suitable container for disposal.
- If battery acid comes in contact with skin or eyes, call a physician immediately and flush with cool water for at least 15 minutes.
- If battery acid is ingested, call a physician immediately and give water or milk immediately. Do not induce vomiting.

- Charge a new battery for at least 12 hours before first use.
- Never charge the battery longer than 24 hours continuously.
- Over-charging or under-charging the battery may shorten battery life and decrease vehicle running time.
- After the first charge, recharge the battery for at least 8 to 10 hours after each use. Charge the battery after each use, regardless of how long the vehicle was used.
- The battery must be upright while charging.
- Do not allow the battery to discharge completely before charging.
- Charge the battery before storing the vehicle.
- Leaving the battery in a discharged condition will destroy it.
- If the vehicle will be stored for more than 2 months, be sure to disconnect the motor harness from the battery.
- Do not store the battery in temperatures above 40°C (104°F) or below -23°C (-10°F).
- Always secure the battery in the battery compartment using the battery cover and four locating screws. Adequately tighten all screws.
- Examine the battery, charger and its connector for excessive wear or damage each time you charge the battery. If damage is detected, do not use the charger or the battery until you have replaced the worn or damaged parts.
- Always remove an unserviceable battery from the vehicle.
- Battery leakage can damage the vehicle.

Battery Disposal

- The battery is a sealed lead-acid type. It must be recycled or disposed of it in an environmentally responsible manner.
- Never dispose of a battery as normal rubbish. The mixing of lead-acid batteries with household rubbish is prohibited in most areas.
- Never burn or dispose of batteries in a fire.

Included Items

NOTE: 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.

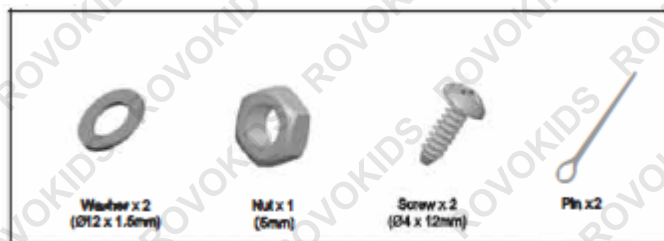
Parts



Tools Required (not included):



Spare Parts (some spare parts may be supplied):



Assembly



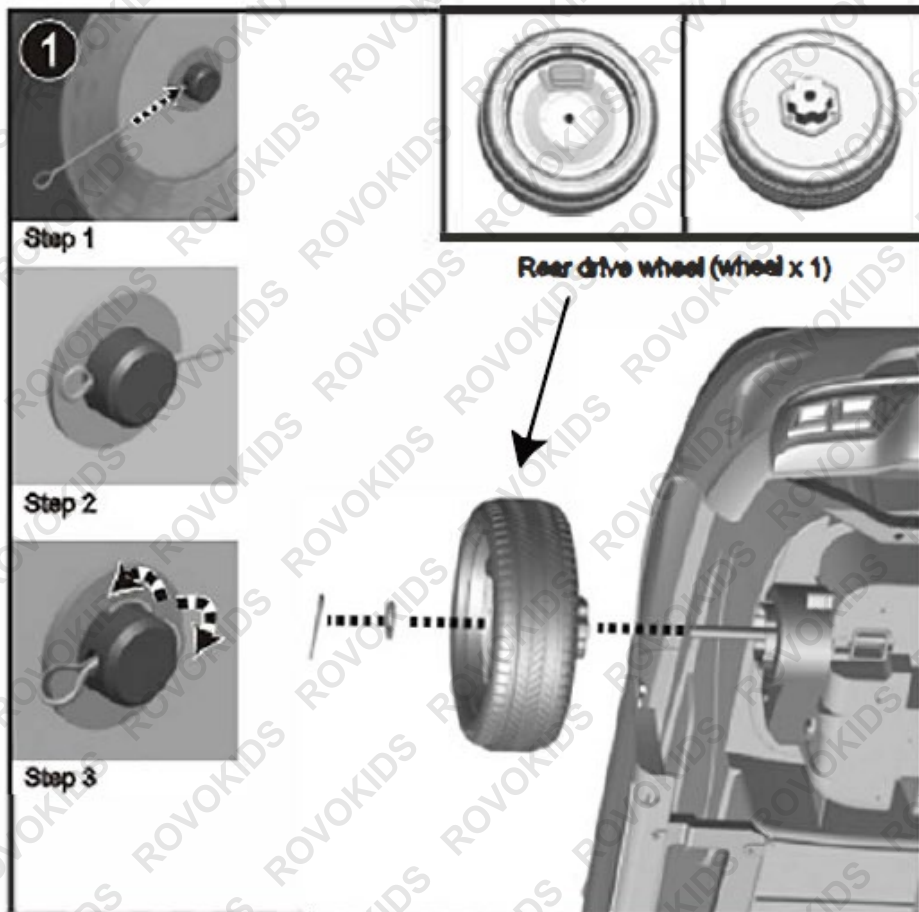
WARNING! Children may be harmed by small parts, sharp edges and points or electrical components when the vehicle is unassembled. Care should be taken to not allow children near parts when unpacking and assembling the vehicle.

Video Tutorial:

[Typical Ride-On Car Assembly](#)

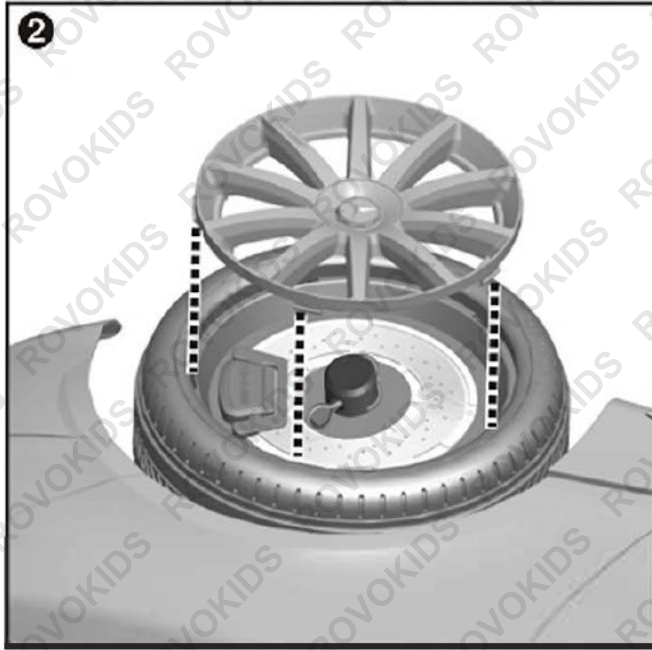


1. Install the rear (driven) wheels.



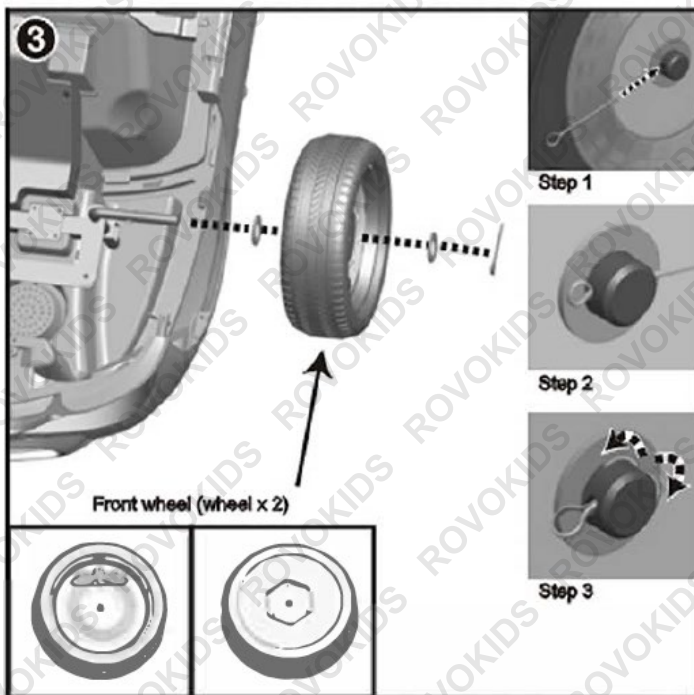
- Slide the wheel, with drive gear facing inward, onto the axle. Ensure that the drive teeth engage the motor drive gear correctly and that the motor is inside the chassis (it is possible for the motors to slip out from that chassis during shipment).
- Place a washer over the outer edge of the axle and insert a split pin into the hole to secure it. Bend the pin around the axle with pliers to prevent it falling out.
- Repeat the procedure for the second rear wheel. If the axle is not centered it may be difficult to fit the second wheel. If this is the case, gently tap one end of the axle with a hammer until the axle is centered.

2. Install the rear wheel hubcaps.



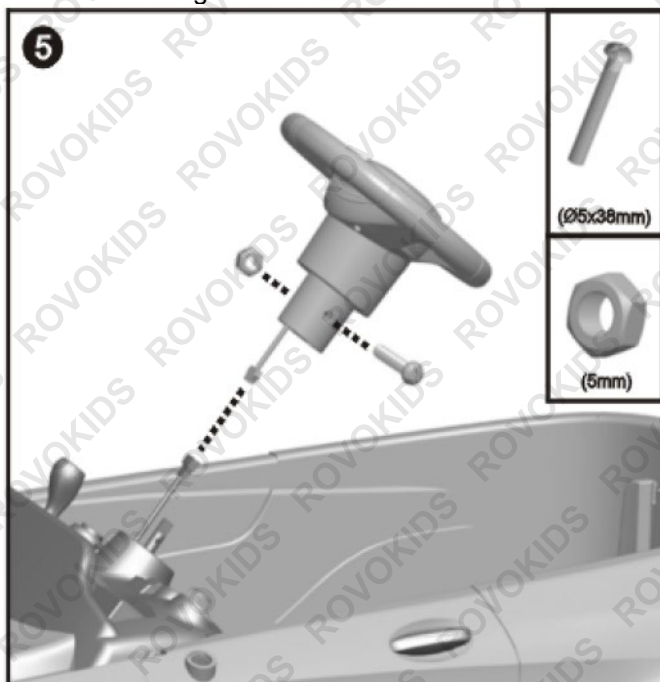
- Align the hubcap so that widest locating tab is aligned with the slot in the wheel above the “brake caliper”.
- Push the hubcap down onto the wheel until all tabs are located into the wheel and it “snaps” into place.

3. Install the front wheels.

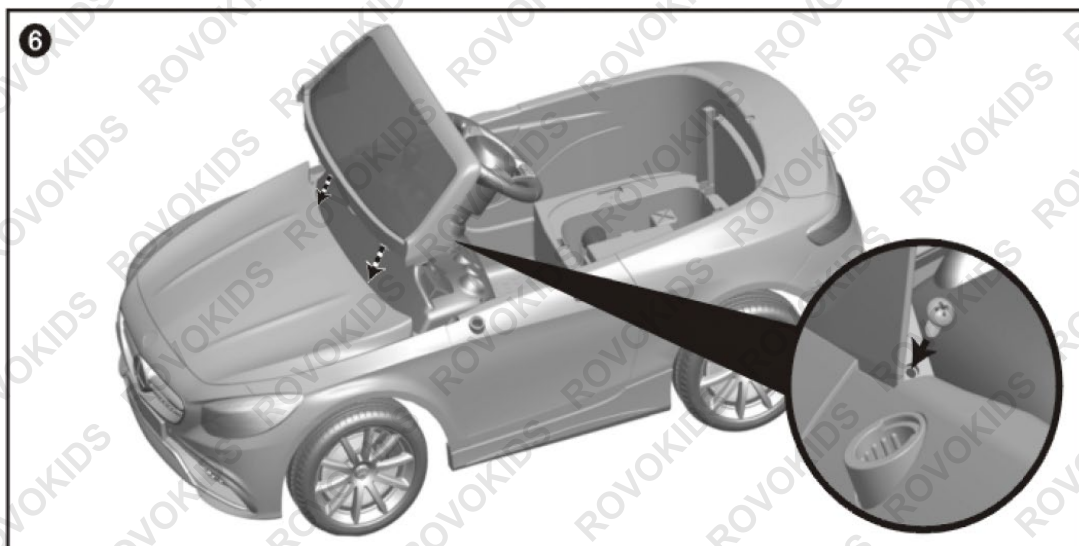


- Slide the wheel, with “brake caliper” facing outward, onto the axle.
- Place a washer over the outer edge of the axle and insert a split pin into the hole to secure it. Bend the pin around the axle with pliers to prevent it from falling out.

4. Install the front wheel hubcaps as described for the rear wheels.
5. Install the steering wheel.



- Plug the vehicle and steering wheel electrical connectors together. Feed excess wire into the steering column.
 - Ensure the front wheels are straight then slide the steering wheel onto the steering shaft – ensure that the steering wheel screw hole aligns with the hole in the shaft.
 - Insert the M5 nut in the recess on the right-hand side of the steering wheel. Insert the M5 screw from the left-hand side of the steering wheel, passing through the steering shaft and into the nut. Adequately tighten the screw with an appropriate screwdriver.
6. Install the windscreen.

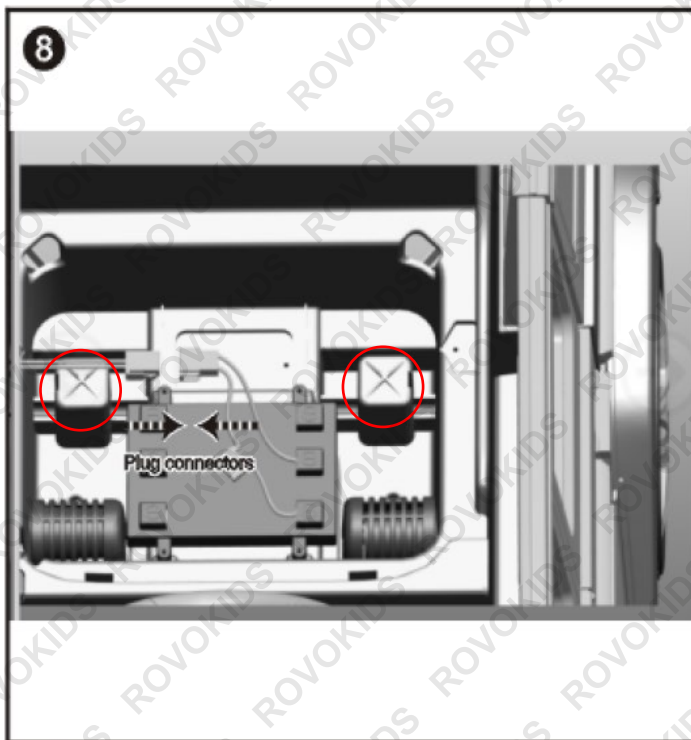


- Align the tabs at the bottom of the windscreen with the slots in the main body. Carefully push the windscreen down so it is properly located by the tabs/slots.
 - Secure the windscreen to the main body on the left and right edges (near the wing mirror placements) using 2 self-tapping screws. Ensure that the screw holes in the windscreen are correctly aligned with the holes in the car body before inserting the screws. Adequately tighten the screws with an appropriate screwdriver, being careful not to over-tighten.
7. Install the wing mirrors.



- Place each wing mirror into position and push it into the hole until it “clicks” into place.

8. Connect the battery.



- Align the battery and car wiring harness connectors, then push them together until the connectors “click”. Once connected, the battery can be charged using the vehicle charging port.

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



- Ensure no wires are sitting on the seat posts (circled in figure 8). Unbuckle the seat belt if required and move it to the edges of the car.
- Align the tabs at the front of the seat with the slots in the main body and push the seat into position.
- Secure the seat to the rear of the main body using 1 self-tapping screw. Ensure that the screw hole in the seat is correctly aligned with the hole in the car body before inserting the screw. Adequately tighten the screw with an appropriate screwdriver, being careful not to over-tighten.

NOTE: Please remove the terminal cover first when assembling the battery (see image below).



Assembly is now complete.

Operation

Controls



No.	Name	Description
1	ON/OFF button	Press to “start”/”stop” the vehicle. When the vehicle has been started, lights and controls illuminate and sounds play.
2	Direction control	Push/pull to set the desired direction of travel: F – Travel forward. R – Travel backward. N – Prevent movement and is also used for remote control operation.
3	Speed control switch	Controls speed of car travel: High Speed – Travel at maximum speed. Low Speed – Travel at minimum speed.
4	Accelerator pedal	Press to travel in the direction set using the direction control (F or R). Release to stop the vehicle.
5	Battery charging port	Charger connection port under cover. Lift the cover to connect the charger cable.
6	Headlight switch	Switch headlights on/off.
7	Music system	See Music System Operation .
8	Steering wheel and sound controls	When the vehicle is moving, rotate the steering wheel as required to change direction. Press the sound controls to activate various sounds and music play functions.

Driver Mode Operation

1. Ensure the “driver” is correctly and safely seated in the vehicle and the seat belt is buckled.
2. Press the ON/OFF button to “start” the vehicle. On starting, the vehicle will play various sounds.
3. Select the direction of travel using the direction control.
4. Select the desired speed, activate headlights, music etc.
5. Press the accelerator pedal to begin moving. Release the accelerator to stop.
6. When finished, press the ON/OFF button to switch the vehicle off.

Remote Control Mode Operation

NOTE: Batteries (not included) must be properly installed in the remote control handset and it must be switched on for remote control mode operation. • Always extend the antenna fully when using remote control functions.



No.	Name	Description
1	ON/OFF button	Used to switch the remote control handset ON or OFF.
2	Steering control stick	When the vehicle is moving, move the stick to left or right as required to change direction. When the stick is in the middle position, the car will travel straight.
3	Speed control stick/driver mode over-ride	When the vehicle is stationary, move the stick forward for the car to travel forward; move the stick back for the car to travel in reverse. When the stick is in the middle position, the car will be stationary. For driver mode over-ride, if the car is moving forward, pull the stick back to stop the car. If the car is moving in reverse, push the stick forward to stop the car.
4	Power indicator	Illuminate when the handset is on and the batteries are OK.
5	Antenna	Provides signal transmission. Extend fully when using the remote control handset.

Remote control operation allows an adult to stop or steer the vehicle when in driver mode. For example, to prevent the vehicle being driven into an obstacle etc.

1. To stop the vehicle, pull the direction control stick in the OPPOSITE direction of travel. For example, if the car is moving forward, pull the control stick backwards to stop it.
2. To steer the vehicle, use the steering control stick.



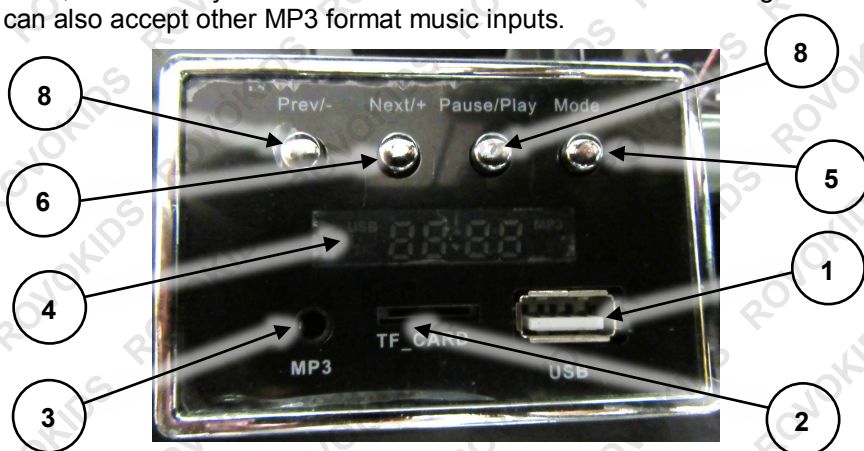
CAUTION! When stopped using the remote control, the vehicle will immediately become available in driver mode when the remote control handset stick is released. This means that if the child is still pressing the accelerator, when you release the remote control stick, the car will continue moving. • When using the remote control handset to steer the vehicle, the child may still use the steering wheel to also change direction.

Full remote control is available and is useful for children not able to correctly operate the vehicle. To use full remote control mode:

1. Start the vehicle and set the direction control to **N**.
2. Use the remote control handset steering and speed control sticks to control vehicle movement.

Music System Operation

When the vehicle is on, the music system can be used. The vehicle features a range of built-in music and stories, however, can also accept other MP3 format music inputs.



No.	Name	Description
1	USB Input	Used to play audio from a USB device. Insert a USB device to play from it.
2	SD Input	Used to play audio from a micro-SD card. Insert a micro SD card to play from it.
3	Auxiliary Input	Used to play audio from a device output that is connected by 3.5mm cable (cable supplied). Connect a device to play from it.
4	Display	Shows various information such as song number, input mode, volume etc.
5	Mode	Used to select and play various built-in music, stories etc. Press to switch between audio types.
6	Next Track / Volume Up	Used to play the next track or increase volume. Press and release to play the next available track; press and hold to increase volume, then release as required.
7	Previous Track / Volume Down	Used to play the previous track or decrease volume. Press and release to play the previous available track; press and hold to decrease volume, then release as required.
8	Play / Pause	Used to start / stop playing the current track.

Troubleshooting

Malfunction	Analysis	Solution
<i>Car not running or car 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. Main body electrics or switches damaged. 	<ol style="list-style-type: none"> 1. Vehicle being overloaded or driven on unsuitable surfaces. Fuse resets after 10 seconds. Unload vehicle (30kg max.) and/or move to suitable surface. 2. Check all wires and connections. Ensure vehicle and battery electrical harness is fully connected. Ensure no motor wires are loose or disconnected. 3. Vehicle battery no longer holding charge or serviceable. Have battery checked by authorized service center 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 authorized service center.
<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. Vehicle battery no longer holding charge or serviceable. Have battery checked by authorized service center or replace. 3. Expected vehicle battery life is 1 to 3 years depending on care, use and conditions. Have battery checked by authorized service center or replace.
<i>Vehicle sluggish</i>	<ol style="list-style-type: none"> 1. Under-charged battery. 2. Old or faulty battery will not take full charge. 3. Vehicle overloaded. 	<ol style="list-style-type: none"> 1. Charge battery and ensure battery charging and care procedures are followed. 2. Expected vehicle battery life is 1 to 3 years depending on care, use and conditions. Have battery checked by authorized service center or replace. 3. Vehicle being overloaded or driven on unsuitable surfaces. Unload vehicle (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 authorized service center.
<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 vehicle and battery electrical harness is fully connected. Ensure no motor wires are loose or disconnected. 2. Seek diagnosis and repair from authorized service center.
<i>Gear box noisy</i>	<ol style="list-style-type: none"> 1. Broken or damaged gears. 	<ol style="list-style-type: none"> 1. Seek diagnosis and repair from authorized service center.
<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 ride-on car is damaged, do not use it until it is repaired by an authorized service center.
- An adult should inspect the ride-on car at regular Intervals for wear or loose hardware and tighten as required. Do not use the vehicle if abnormal conditions such as cracks or breaks exist.
- This product should be assembled by an adult or checked by an adult to make sure that it is properly assembled.
- Clean the ride-on car with a clean cloth. Do not spray or immerse the ride-on car with water, which might damage the circuits.

Specifications

Net Weight	16kg
Battery Type	12V 7Ah (12V7AH/20HR)
Charger Type	12VDC 1000mA (output)
Range	1 to 2 hours (full charge)
Charge Time	8-10 hours generally (full charge)
Remote Control Operation	Yes
Remote Control Battery	2 x AA (not included)
Max 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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