

Mercedes-Benz G 580

Battery Powered Ride-on



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User Manual

Styles and colo(u)rs may vary
Made in China



WARNING!

Must be assembled by adults.



The product detail page has an installation video. You can view it before installation. You can also scan the code to watch the installation video.



Notes

- Please contact us before returning. We will provide the best solution. You can reach us directly through your order or by email. Note that the platform's chat window cannot send videos, so if you need help with a product issue, please record a short video and send it to service-forever-source@outlook.com, so we can assist you with troubleshooting.
- We will help you resolve any issue asap! Regardless of the issue, do not prepay for return shipping or use the platform-provided return label, as both may result in high costs, which may be over \$100 for self-shipping.

Customer Service

E-mail: service-forever-source@outlook.com

Please feel free to contact us if you have any questions!

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About Your New Ride-on

The owner's manual contains important safety information as well as assembly, use and maintenance instructions.

The ride-on must be assembled by an adult who has read and understands the instructions in this manual.

Keep the package away from children and dispose of properly before use.

Keep this manual for future reference.

SPECIFICATIONS:

Battery: 12V4.5AH*1, or 12V7AH*1, or 24V5AH *1

Charger: input: AC 100-240V / 50-60Hz
output: 12V500mA, or 12V1A, or 24V500mA

Suitable age: 37-96 months

Load capacity: Under 30kg

Speed: 3-6 km/h

Product size: 97 * 61 * 55.5 CM

Power type: Charging type

Charge time: 8-10 hours



**WARNING!**

- **CHOKING HAZARD** - Small parts. Not suitable for children under 3 years old (36 months).
The product contains small parts, keep children away when assembling.
- Always remove protective material and poly bags and dispose before assembly.
- Recommended protective equipment (helmet, gloves, knee-pads, elbow-pads, etc).
Protective equipment should be worn. Always wear shoes and sit in the seat when operating the vehicle.
- Only drive on level ground. Never use on the lawn.
- Keep your hands, hair, and clothes away from moving parts.
- Never leave child unattended. Direct adult supervision is required. Always keep child in view when child is in vehicle.
- To reduce the risk of injury, adult supervision is required. Never use in roadways, near motor vehicles, on or near steep inclines or steps, swimming pools or other bodies of water, always wear shoes, and never allow more than 1 rider.
- Never use in unsafe conditions such as snow, rain, loose dirt, mud, sand, or gravel, otherwise may result in an unexpected accident such as tipping over, and could damage the electrical system or battery
- Not to be used in traffic.
- This toy should be used with caution since skill is required to avoid falls or collisions causing injury to the user or third parties.
- This toy is unsuitable for children under 3 years old (36 months) due to its maximum speed; Maximum user weight is 30kg.
- This toy has no brake.
- Use only battery(ies) and charger specified by the manufacturer. Using another battery or charger may cause a fire or explosion. Do not use the battery or charger for any other product.

 **WARNING!** Must be assembled by adults.

 BATTERY INFORMATION (For 1.5V)

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the toy before being charged.
- Rechargeable batteries are only to be charged under adult supervision.
- Different types of batteries (carbon-zinc, alkaline, rechargeable batteries) or new and used batteries are not to be mixed.
- Batteries are to be inserted with the correct polarity.
- Exhausted batteries are to be removed from the toy.
- The supply terminals are not to be short-circuited.

 WARNING!

The remote control is not a toy. It is for the adult use only, and should not be used by a child. A close adult supervision is always required. Reception range may change significantly with weather, battery, and other environmental conditions.

 WARNING!

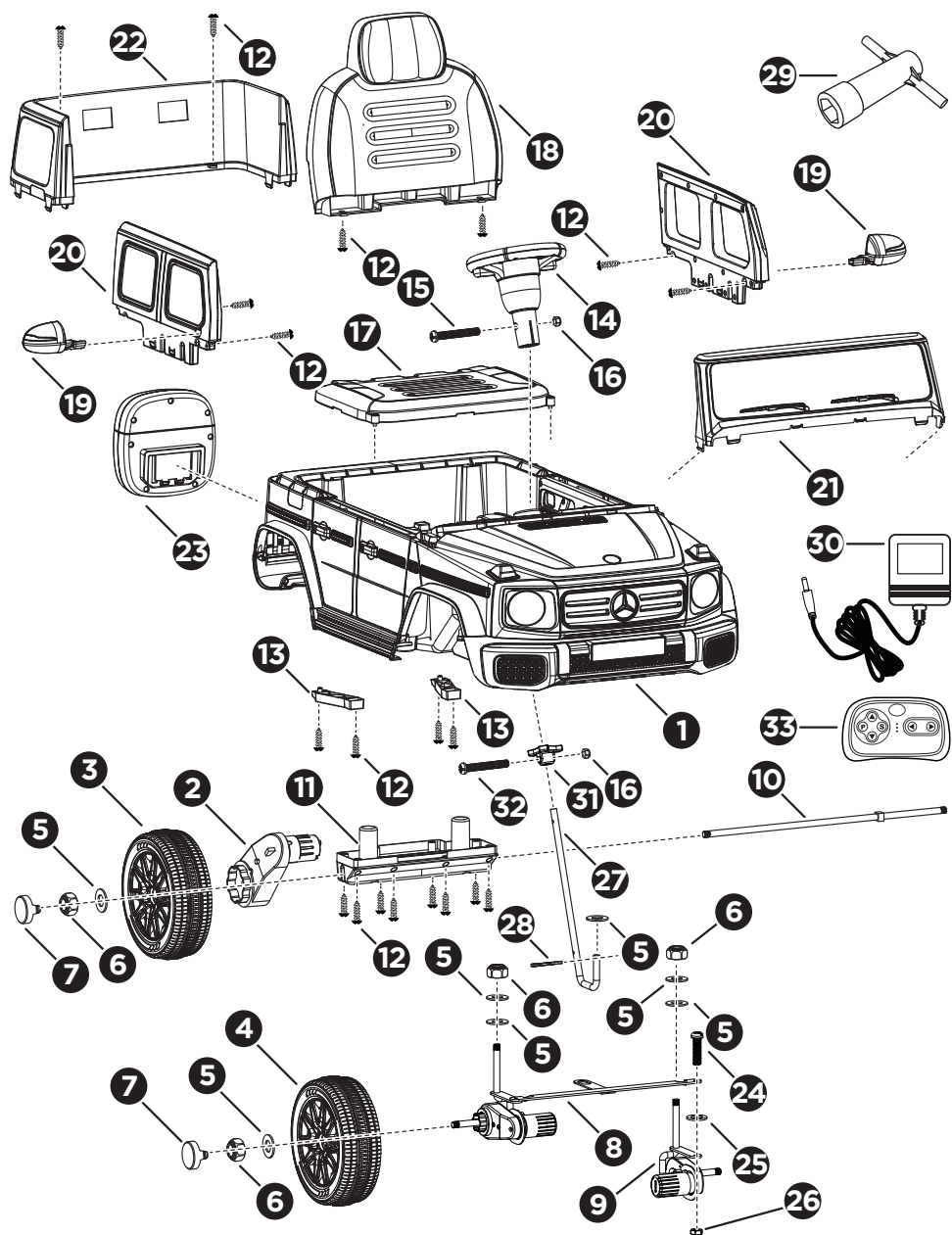
All circuit connections in the toy must be connected properly. Any wrong circuit connections could cause possible dangerous malfunctions, short circuit, sudden equipment failure and other possible failure.

US:  **WARNING!** The battery on the vehicle is not replaceable.

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Parts Diagram

HINT: Some parts shown are assembled on both sides of vehicle.



Part No.	Part Name	Q'TY	Remark
1	Vehicle body	1	
2	Rear gear box	2	L and R
3	Driving wheel	2	
4	Normal wheel	2	
5	M10 washer	9	Pre-assembled
6	M10 lock nut	6	Pre-assembled
7	Hub cap	4	
8	Front axle right half	1	
9	Front axle left half	1	
10	Rear axle	1	
11	Rear axle holder	1	
12	#4x12 screw	20	Placed in the assembly package
13	Rear support	2	L and R
14	Steering wheel	1	
15	M5x35 machine screw	1	Pre-assembled
16	M5 lock nut	2	Pre-assembled
17	Seat cushion	1	
18	Seat back	1	
19	Side mirror	2	L and R
20	Side door window	2	L and R
21	Windshield	1	
22	Rear window	1	
23	Spare wheel	1	
24	M6x16 machine screw	1	Pre-assembled
25	M6 washer	1	Pre-assembled
26	M6 nut	1	Pre-assembled
27	Steering column	1	
28	Split pin	1	
29	Socket wrench	1	
30	Charger	1	
31	RC driver	1	Pre-assembled
32	M5x25 machine screw	1	Pre-assembled
33	Remote control	1	

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Installation

Assembly tools required (Not Included)



Screwdriver included



Long nose pliers

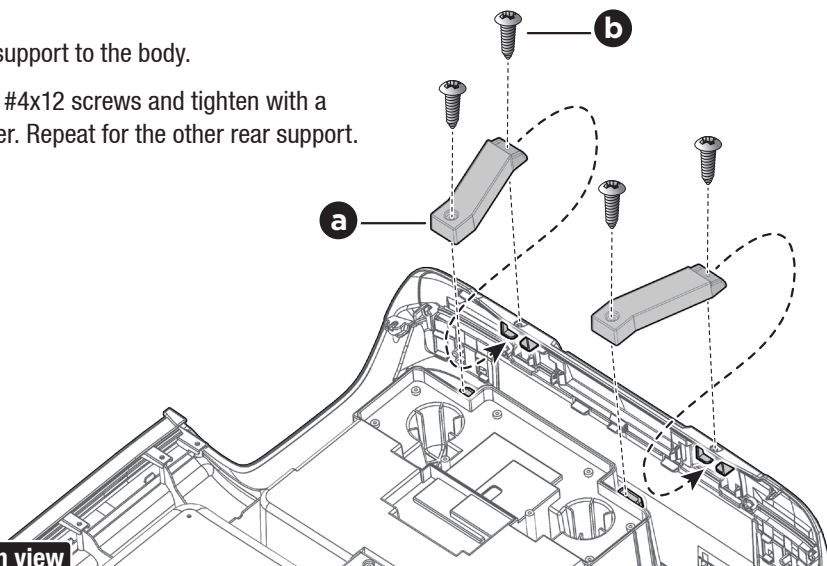
1.5V
AAA LR03

2 x 1.5V
AAA batteries

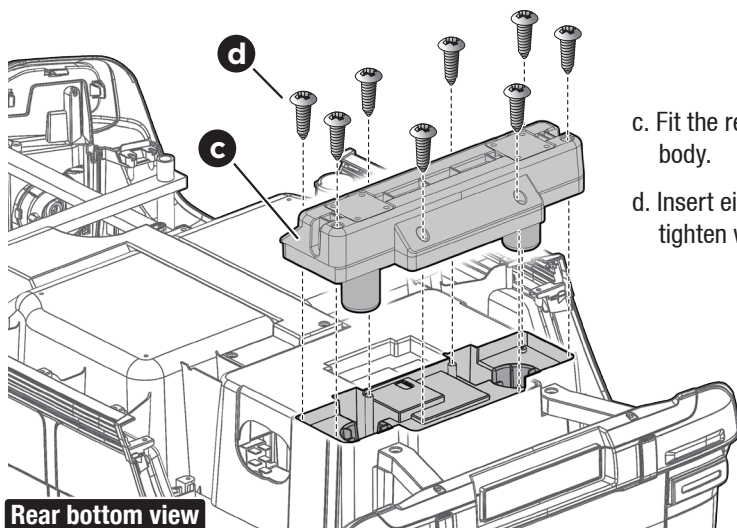
1.5V
AA LR06

2 x 1.5V
AA batteries

- a. Fit a rear support to the body.
- b. Insert two #4x12 screws and tighten with a screwdriver. Repeat for the other rear support.



Rear bottom view

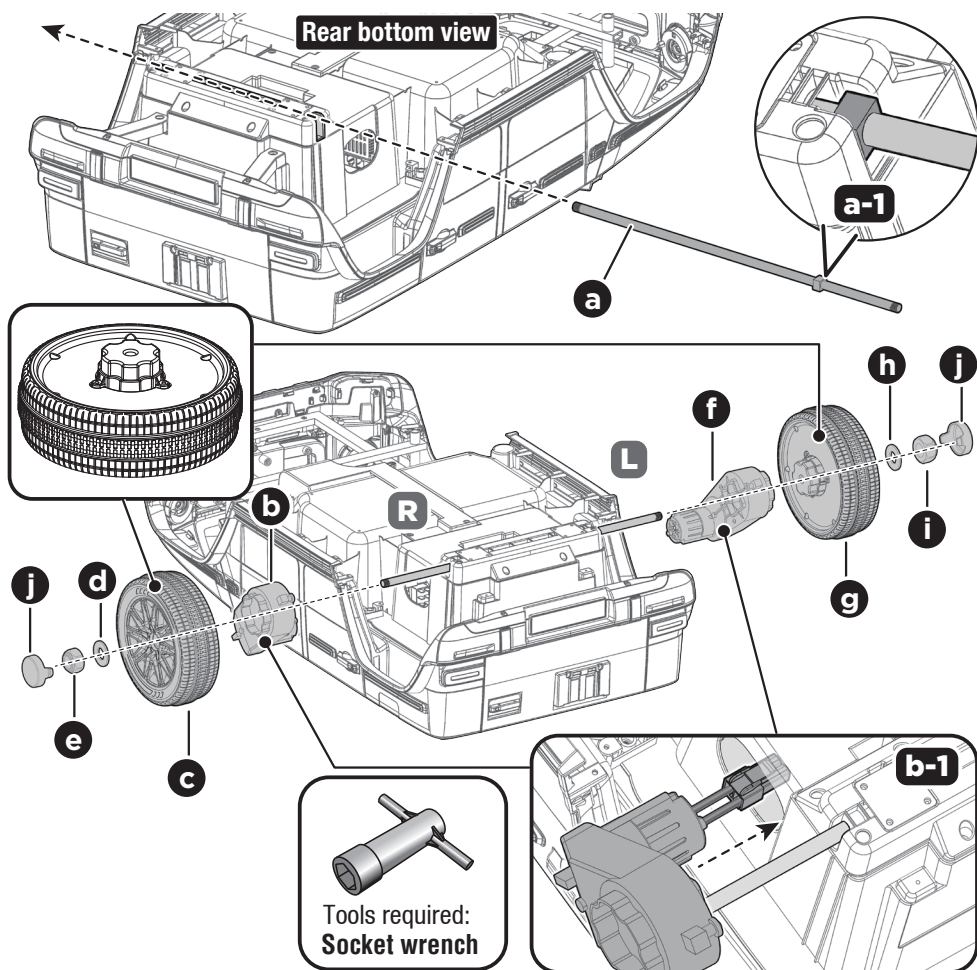


- c. Fit the rear axle holder to the body.
- d. Insert eight #4x12 screws and tighten with a screwdriver.

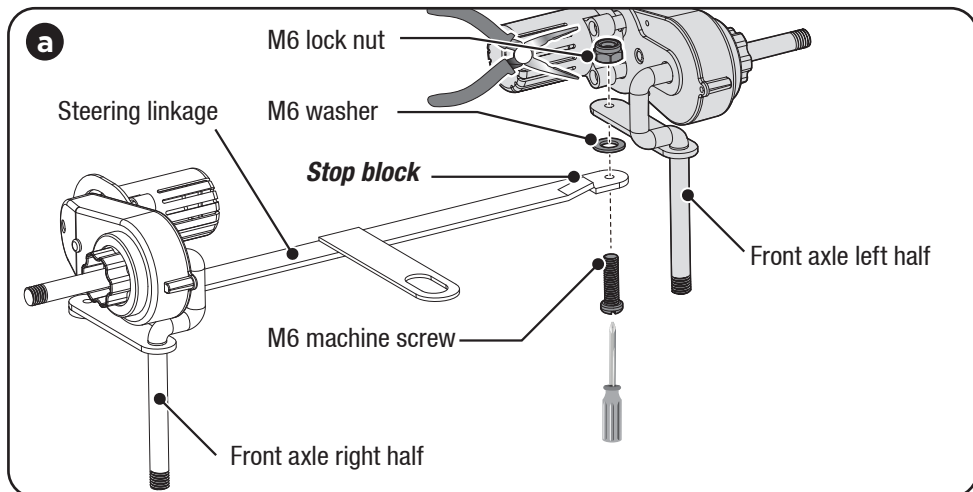
Rear bottom view

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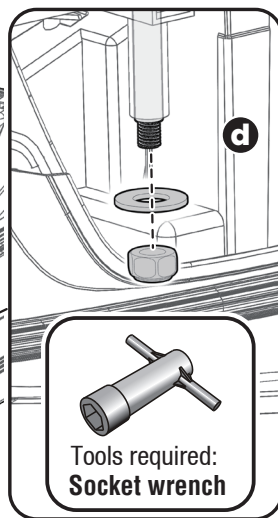
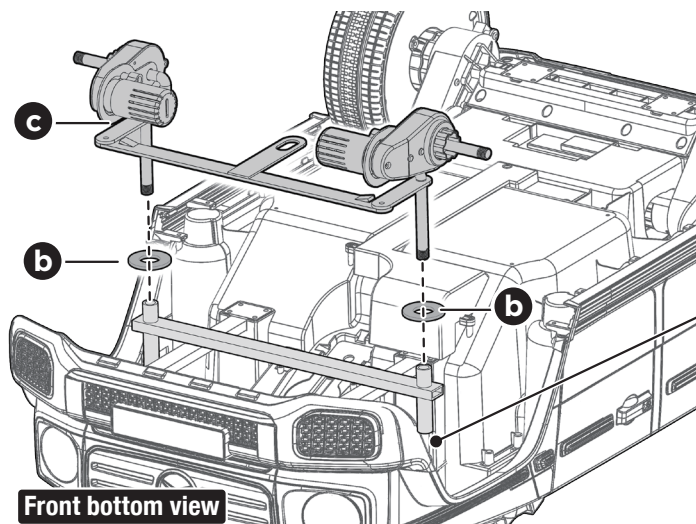
Installation



- a. Pass the rear axle through the hole on the rear axle beam, push the rear axle until the square block on the rear axle match up with the square slot on the rear axle beam as fig a-1.
- b. Slide the gear box on the rear axle (**R to R, L to L**. “R” labelled gear box should be fit to the “R”maked side of the vehicle body, “L” labelled gear box should be fit to the “L” maked side of the vehicle body). Insert the connector on the gear box through the larger hole in the vehicle body (fig b-1).
- c. Fit the driving wheel (gear side first) to the rear axle. Ensure the gear section on the wheel match up with the gear box.
- d. Fit a M10 washer to the rear axle.
- e. Tighten a M10 lock nut to the end of the rear axle with a socket wrench (included).
- f-i. Repeat steps b-e to assemble the other rear wheel.
- j. Snap the hubcaps to the wheels.



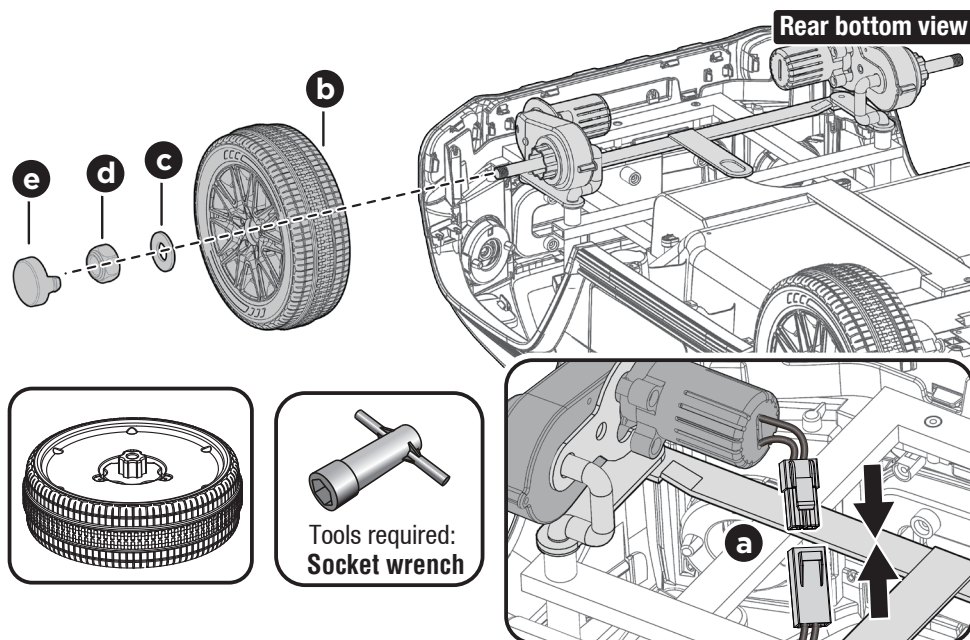
- Remove M6 lock nut, M6 washer and M6x16 machine screw from the front axle right half and front axle left half.
- a. Place the M6 washer to the side with a stop block on the steering linkage, and place the front axle left half to the steering linkage (make sure the M6 washer is positioned between the front axle left half and front axle right half.), insert the M6x16 machine screw through hole on the steering linkage, the M6 washer and out the hole on the front axle left half. Fasten the M6 lock nut from the opposite side.
- b. Slide a M10 washer onto each front axle support. And fit the front axle to the body.
- c. Fit a M10 washer to the front axle support.



Tools required:
Socket wrench

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Installation



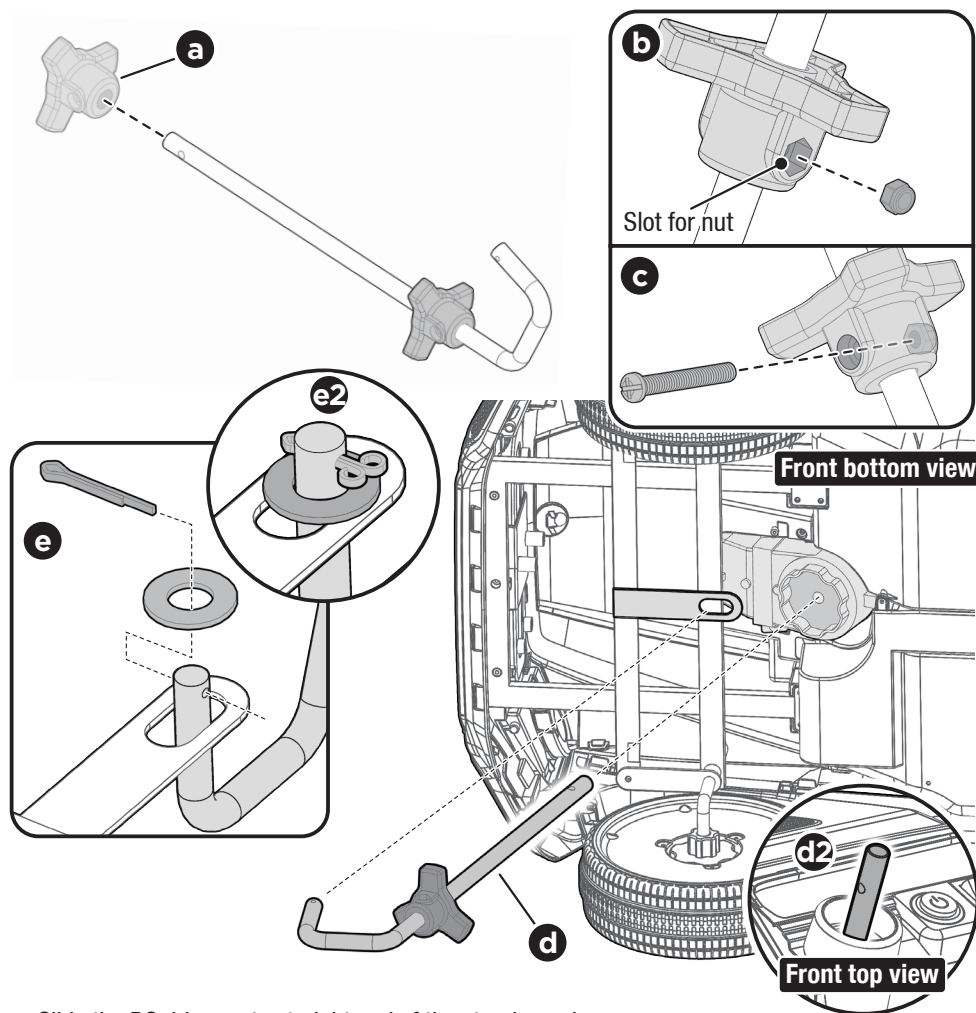
Remove all the parts from the front axle.

- a. Slide a gear box onto the front axle, and make it match up with the front motor rack. Plug the connector on the gear box into the connector from the body.
- b. Slide a driving wheel (gear side first) onto the front axle. Make sure the gear match up with the gear box.
- c. Slide a M12 washer onto the front axle.
- d. Tighten a M12 lock nut to the end of the front axle with a spanner. DO NOT over tighten.
- e. "Snap" the hubcap to the wheel.

Repeat the above procedure to assemble the other Front Wheel.

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Installation



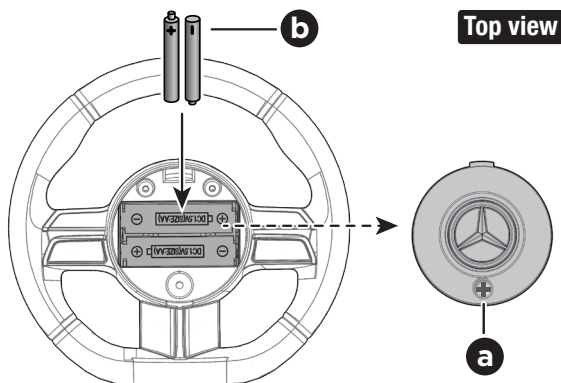
- a. Slide the RC driver onto straight end of the steering column.
- b. Align the holes on the RC driver with the lower holes on the steering column. Fit a M5 lock nut to the RC driver.
- c. Tighten a M5x25 machine screw from the other side with a screwdriver.
- d. Insert the straight end of the steering into the hole on the RC motor, pushing it until out through the hole on the dashboard (fig d2).
- e. Fit the bent end of the steering column into the hole on the steering linkage. Fit a M10 washer, and insert the split pin into the hole on the bent end of the steering column. Bend the ends of split pins back using a long nose pliers (not included).

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Installation

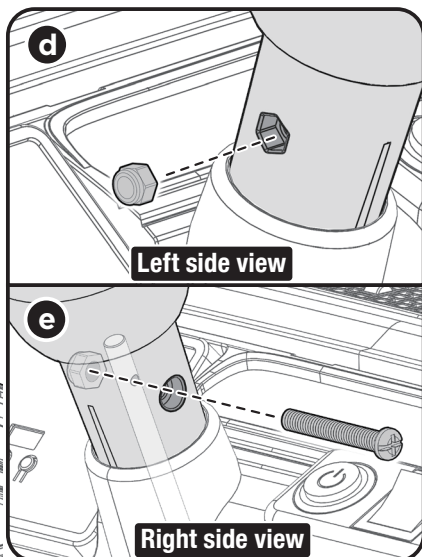
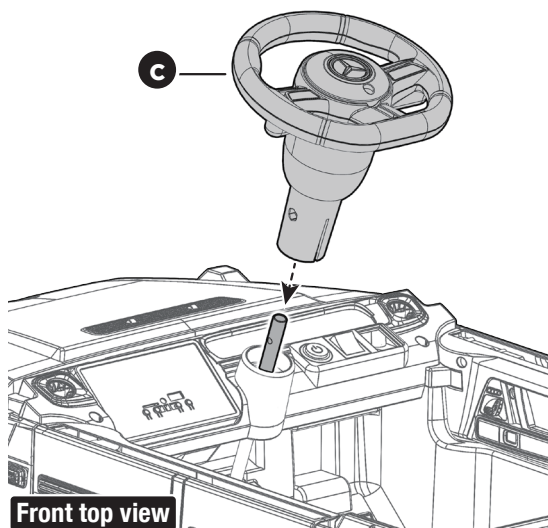
Please follow the steps a-b to add the batteries (Not Included), and refer to the battery information on page 3.

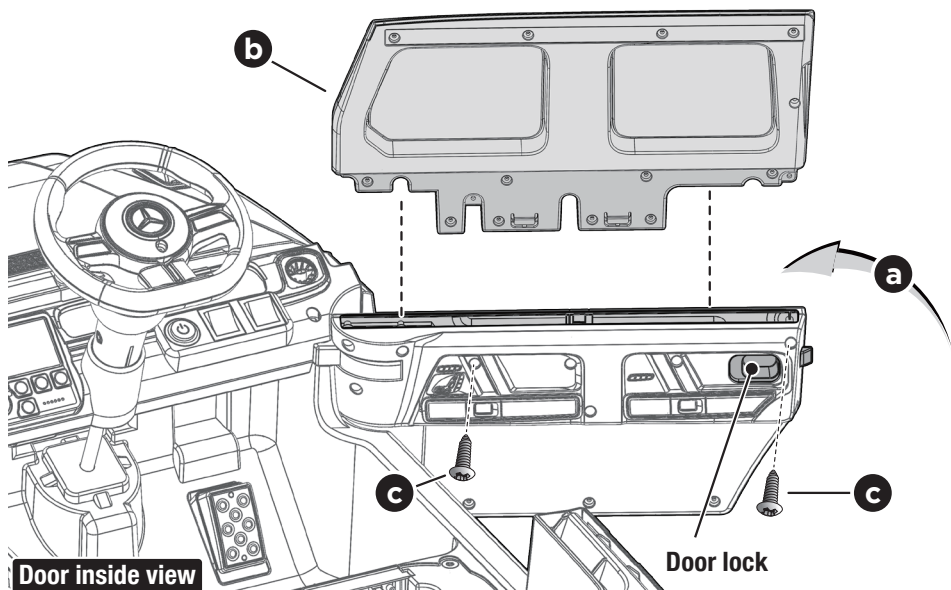
- a. With a screwdriver loosen the screw on the battery cover located in the center of the steering wheel. Remove the battery cover from the top of the battery compartment.
- b. Insert 2x1.5 AA batteries in their correct polarities. Place the battery cover over the battery compartment and fasten with the screw you loosened in step one.



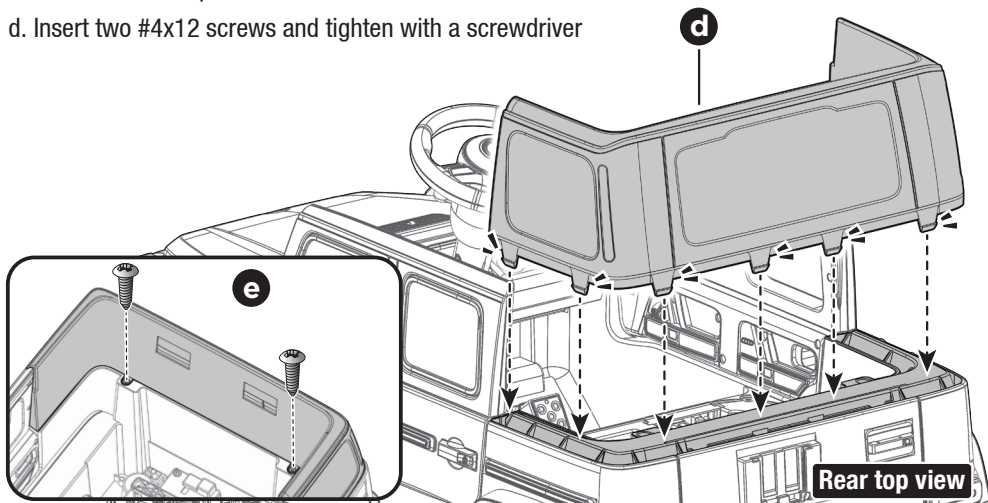
Remove the M5x30 machine screw and M5 lock nut from the steering wheel. Turn the vehicle body upright.

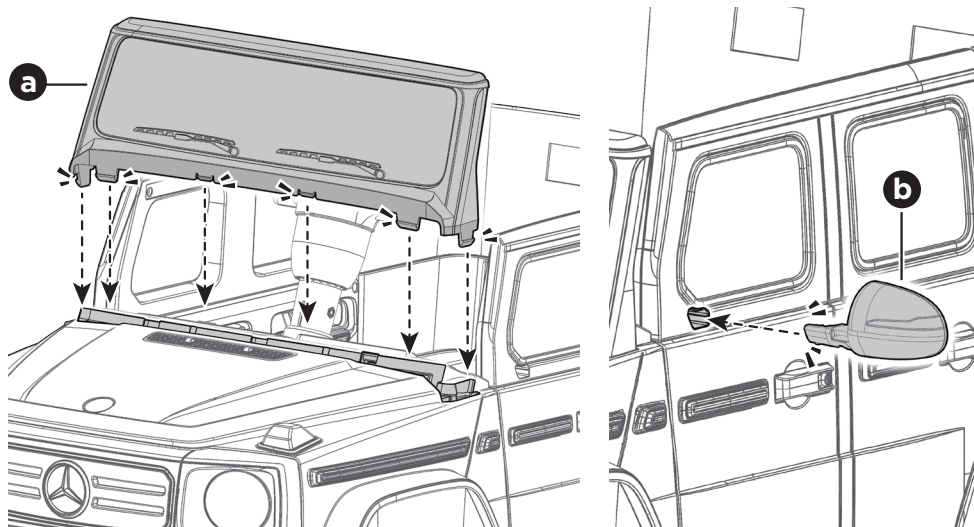
- c. Place the steering wheel over the the steering column, protruding from the middle of the steering wheel base.
- d. Insert the M5 lock nut into the slot on the left side of the steering wheel.
- e. Align the holes on each side of steering wheel with the holes at the end of the steering column. Tighten the M5x30 machine screw to the steering wheel on the opposite side to secure the steering wheel to the steering column.



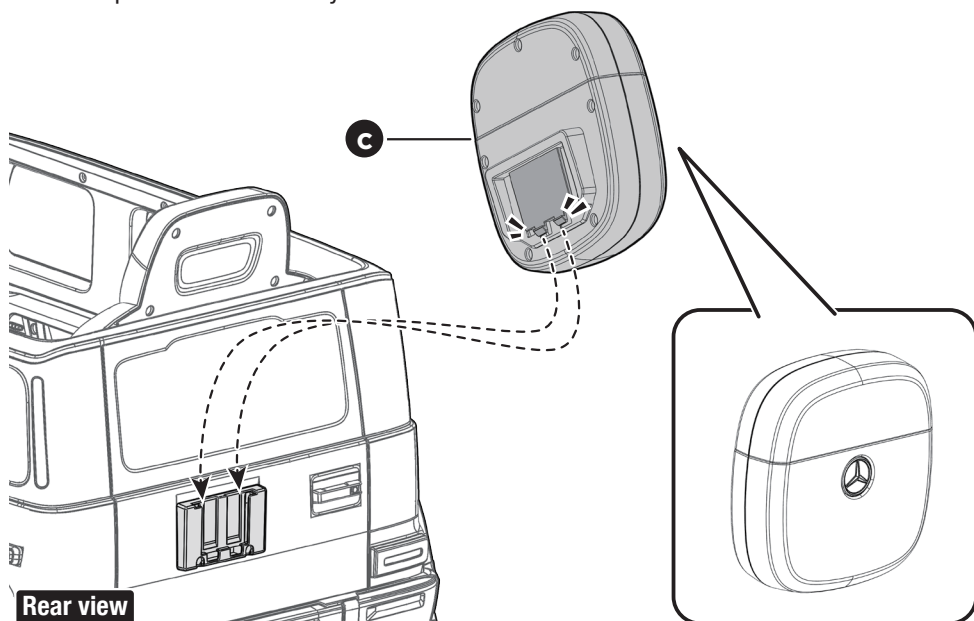


- Push the door lock inside the door and open the door.
- Fit the side window to the door.
- Use a screwdriver to tighten two #4x12 screws to secure side window. Fit the side window on the other side in the same way.
- Insert the tabs on the rear window into the holes on the rear side on the body. Push until you hear it click into place.
- Insert two #4x12 screws and tighten with a screwdriver



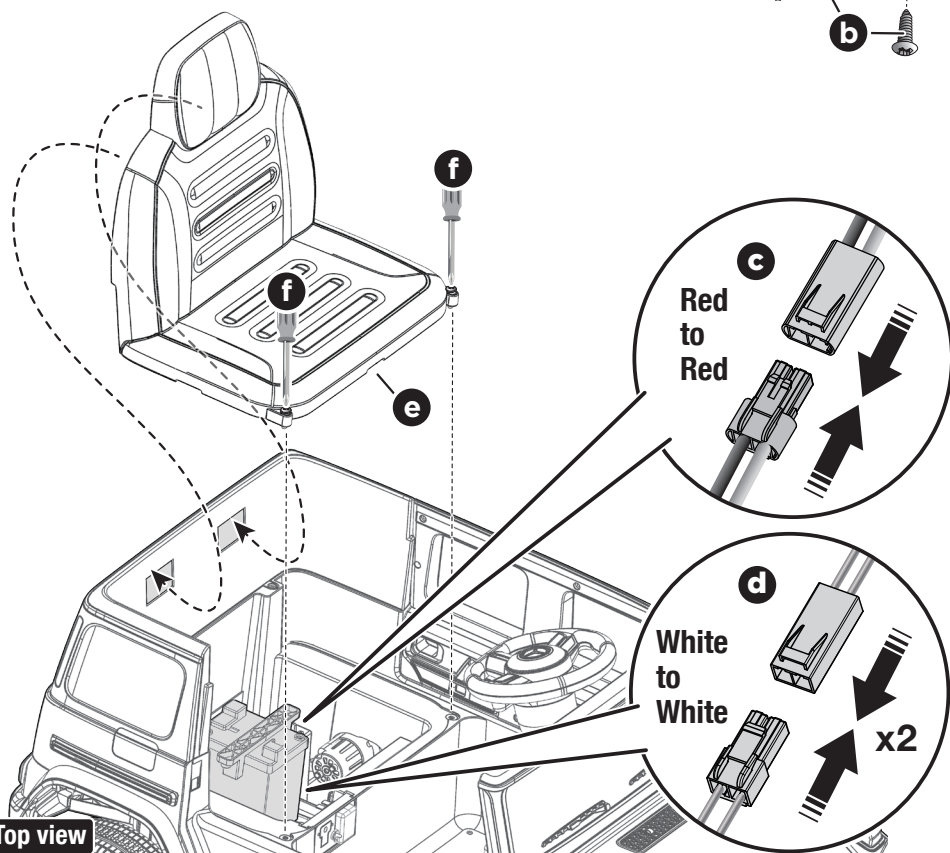
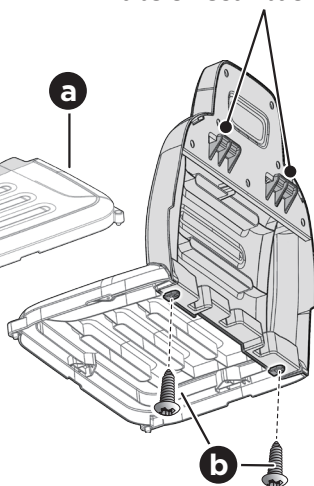


- d. Fit the windshield to the body, push it until you hear it click into place.
- a. Fit the side mirror to the side window and push hard so that it snaps into the place. Repeat for the other side mirror.
- c. Fit the spare wheel to the body as shown.

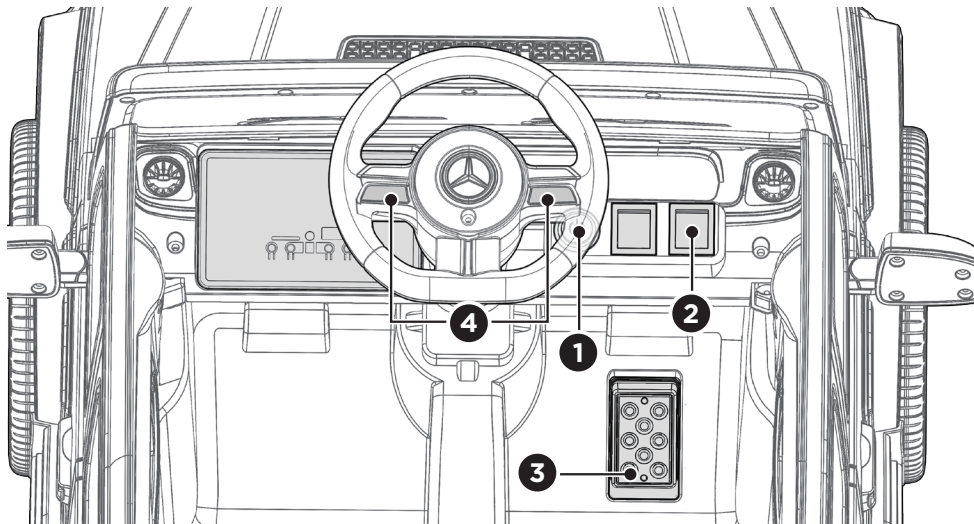


- a. Fit the seat cushion to the seat back.
- b. Insert two #4x12 screws and tighten with a screwdriver.
- c. Plug the red vehicle connector into the red connector on the battery.
- d. Plug the white connectors into each other on both sides.
- e. Fit the tabs on the seat into the grooves on the seat back.
- f. Use a screwdriver to tighten the both M5x16 screws at the top of the seat into the holes in the vehicle.

Tabs on seat back



Top view



1. Power switch: Turn the product on and off.

2. Forward/reverse lever: Changes the direction that product moves from forward to reverse.

- To move the product forward, shift the lever to top position.
- To move the product backward, shift the lever to down position.

IMPORTANT: Always stop vehicle when changing the speed or direction to avoid damage the gears and motor.



3. Foot pedal: Applies power (speed) to the product.

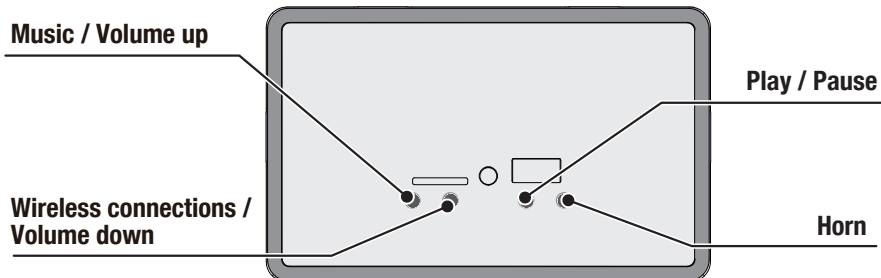
- To move the product, press the pedal down.
- To brake or slow down, release pressure from the pedal.

4. Sound buttons: Press for sound playing.

Ride-on Operation

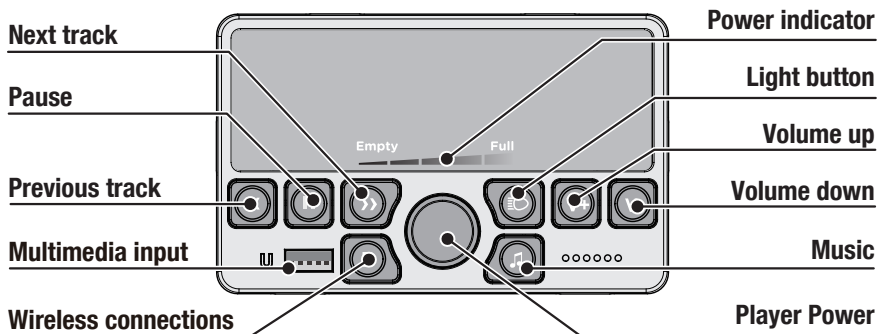
○ Audio player style I

The player will automatically turn off after 30 minutes of inactivity.



○ Audio player style II

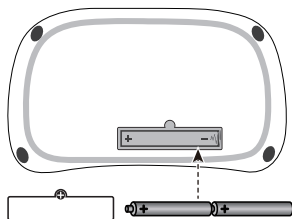
The player will automatically turn off after 30 minutes of inactivity.



Remote Control Operation



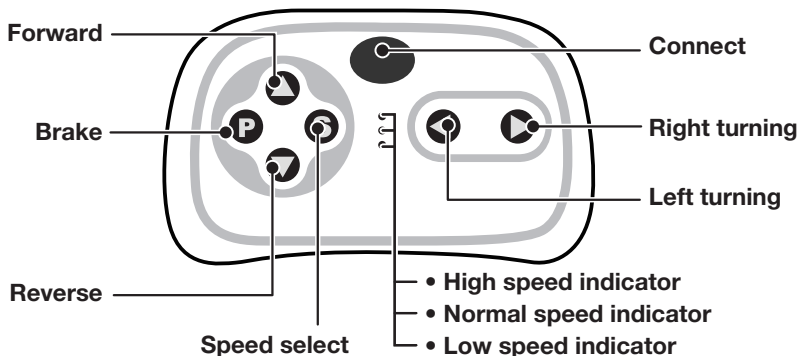
- The remote control has precedence over foot pedal operation. The foot pedal won't work while you operate the Remote Controller.
- The remote control should only be used by adults.

1.5V
AAA
LR03

Attach the batteries

Remove the battery compartment door on the back side of the controller and insert 2x1.5V AAA batteries in their correct polarities.

Batteries not included. Refer to the Battery Information on page 3.



Brake button

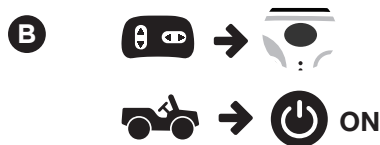


- Press the button to stop the ride-on, the speed indicators go to flash.
- Press it again to release the brake, and the speed indicators go to long bright.



Speed select button

The switch operates the vehicle to move in low, normal or high speed.



If the remote control loses connection with the product, try the following steps to rebuild the connection.

- A. Power off the ride-on .
- B. Press and hold the connect button on the controller for 3 seconds, the low-speed indicator flashes, mean that the remote controller is in the connected state. Then power on the ride-on:
 - ✓ The low-speed indicator goes to long bright, means the connection successful.
 - ✗ If the low-speed indicator no response, means the connection failed. Turn off the remote controller (by removing the batteries) and the vehicle. And try again.

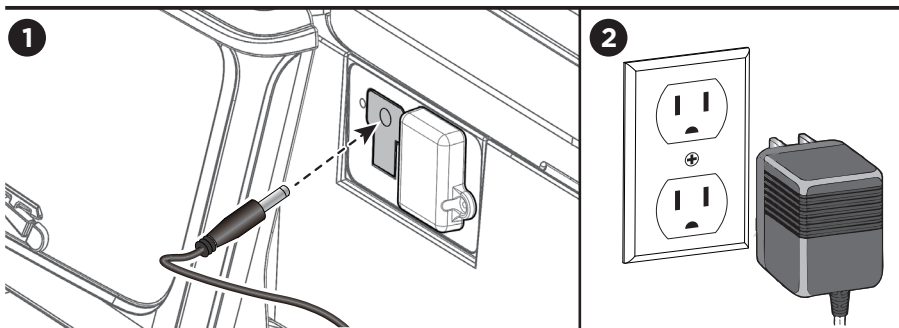
NOTE:



- Leave the remote controller idling for about 10 seconds, it will shut down automatically.
- After you replacing the batteries of the remote controller, please rebuild the connection.

⚠ WARNING!

- **ONLY an adult is allowed charge and recharge the battery!**
 - **This charging protection will cut all all the functions of the vehicle when charging.**
 - Use only battery(ies) and charger specified by the manufacturer. Using another battery or charger may cause a fire or explosion. Do not use the battery or charger for any other product.
 - Damage to the battery may occur if it is completely drained.
 - Charge the battery for about 8 - 12 hours. Do not charge the battery for more than 20 hours.
 - Charge the battery at least once a month even if not operating the vehicle for a long time to maximize the battery life.
 - Do not charge or store the battery upside down.
 - Keep the charger and battery away from flames, sparks, or any flammables.
-
- The vehicle must be OFF when charging.
 - When the vehicle begins to run slowly, recharge the battery.
 - When the product is stationary, the power indicator will tell you how much power is remaining in the battery. If only one indicator light remains, please recharge the battery.



1. Plug the charger port into the input socket (below the seat).
2. Plug the charger plug into a wall outlet. The battery will begin charging.





The battery will eventually lose the ability to hold a charge. Depending on the amount of use, and varying conditions, the battery should operate for one to three years.

Important! Recycle the dead battery responsibly. the battery contain several hazardous materials, aswell as organic solvents and electrolytes. If discarded battery are not properly recycled, these materials can leak into the environment, causing soil and water pollution. Follow these guidelines for disposing of used battery:

- Check Local Rules: Follow local waste management regulations.
- Discharge Fully: Ensure the battery is fully discharged.
- Secure Terminals: Tape over the battery contacts to prevent shorts.
- Find Recycling Programs: Use community recycling centers or retailer take-back programs.
- Avoid Regular Trash: Never put batteries in general waste.
- Store Safely: Keep batteries in a secure, dry place until disposal.
- Choose Reputable Recyclers: Ensure recyclers follow proper environmental standards.

Fuse

The battery features a thermal fuse with a reset fuse that will automatically trip and cut all power to the vehicle if the motor, electric system or battery is overloaded. The fuse will reset and power will be restored after the unit is turned OFF for 20 seconds and then turned ON again. If the thermal fuse trips repeatedly during normal use, the vehicle may need repair. **Contact your distributor please.**

To avoid losing power, follow these guidelines:

- Do not overload the vehicle.
- Do not tow anything behind the vehicle.
- Do not drive up steep slopes.
- Do not drive into fixed objects, which may cause the wheels to spin, causing the motor to overheat.
- Do not drive in very hot weather, components may overheat.
- Do not allow water or other liquids to come in contact with the battery or other electric components.
- Do not tamper with the electric system. Doing so may create a short, causing the fuse to trip.



RISK OF FIRE. Do not bypass. Replace only with a new fuse.

21 Troubleshooting Guide

Problem	Possible Cause	Solution
Vehicle does not run	Battery low on power	Recharge battery.
	Thermal fuse has tripped	Reset fuse, see <Fuse>
	Battery connector or wires are loose	Check that the battery connectors are firmly plugged into each other. If wires are loose around the motor contact your distributor please.
	Battery is dead	Replace battery, contact your distributor please.
	Electrical system is damaged	Contact your distributor please.
	Motor is damaged	Contact your distributor please.
Vehicle does not run very long	Battery is under charged	Check that the battery connectors are firmly plugged into each other when recharging
	Battery is old	Replace battery, contact your distributor please.
Vehicle runs sluggishly	Battery low on power	Recharge battery, contact your distributor please.
	Battery is old	Replace battery, contact your distributor please.
	Vehicle is overload	Reduce weight on vehicle.
	Vehicle is being used in harsh conditions	Avoid using vehicle in harsh conditions, see <User Notice>.
Vehicle needs a push to go forward	Poor contact of wires or connectors	Check that the battery connectors are firmly plugged into each other. If wires are loose around the motor, contact your distributor please.
	"Dead Spot" on motor	A dead spot means the electric power is not being delivered to the terminal connection and the vehicle needs repair. Contact your distributor please.
Difficult shifting from forward to reverse or vice-versa	Attempting to shift while the vehicle is motion	Completely stop the vehicle and shift, see <Use>
Loud grinding or clicking noises coming from motor or gear box	Motor or gears are damaged	Contact your distributor please.
Battery will not recharge	Battery connector or adapter connector is loose	Check that the battery connectors are firmly plugged into each other.
	Charger not plugged in	Check that the battery charger is plugged into a working wall outlet.
	Charger is not working	Contact your distributor please.
Charger feels warm when recharging	This is normal and not a cause for concern	

Completely read through this manual and the troubleshooting guide table before calling. If you still need help resolving the problem **Contact your distributor please.**

- It is parents' responsibility to check main parts of the toy before using. Must regularly examine for potential hazard, such as the battery, charge, cable or cord, plug, screws are fastening enclosure of other parts and that in the event of such damage, the toy must not be used until that damage had been properly removed.
- Park the vehicle indoors or cover it with a tarp to protect it from wet weather.
- Recharge the battery after each use. Only an adult can handle the battery. Recharge the battery at least once a month when the vehicle raider is not being used.
- Do not wash the vehicle with a hose. Do not wash the vehicle with soap and water. Do not drive the vehicle in rainy or snowy weather. Water will damage the motor, electric system and battery.
- Clean the vehicle with a soft, dry cloth. To restore shine to plastic parts, use a non-wax furniture polish. Do not use car wax. Do not use abrasive cleaners.
- When not using, all the electrical source should be turn off. Turn off the power switch and disconnect the battery connection.

**Our products are suitable for
ASTM F963; GB6675; EN71 and EN62115 standard.**