

# VOLTZ TOYS™®

A subdivision of The DAAN Groups

## CONTACT US

Before returning your product, please contact us first! Voltz Toys Customer Service can assist you with any replacement parts, damages, or defective issues reported. You can contact us directly at [www.voltztoys.ca](http://www.voltztoys.ca).

Email: [help@voltztoys.ca](mailto:help@voltztoys.ca)

Phone number: 1-888-338-6589

Head Office: Unit 7-3600A Laird Rd, Mississauga, ON, L5L 6A6

## USER MANUAL



**MODEL: DG80332**



### COMPLIANCE STANDARDS:



SOR/2011-17	SOR/2016-188
SOR/2018-138	SOR/2014-254
SOR/2016-195	EN71
SOR/2016-302	ASTM F963-17
SOR/2018-83	CPSIA

**24V MERCEDES-BENZ UNIMOG**

**ENGLISH**

**ATTENTION:** Please read the following instructions before assembling and using. Please keep the user manual for reference.

## OFFICIAL LICENSING

“Mercedes-Benz”,  ,  , and the design of the enclosed product are subject to intellectual property protection owned by Daimler AG. They are used by PINGHU CITY JULING CHILDREN’S COMMODITY FACTORY under license.

## INSTRUCTIONS

Please read the manual before using the product. The manual and carton contain important information. Please keep the manual for later references. Failure to follow the instructions in the manual may result in damages, accidents, or defective issues with the product.

To improve the product and quality, we may alter the structure, appearance, packing method, assembly method, and product function without any notice.

When there are any differences between the manual and the product, please refer to the actual product itself. We apologize for any inconvenience caused.








## PRODUCT SPECIFICATIONS

Battery	12V7AH
Suitable Age	36-96 months
Weight Limit	<30 kg
Product Size	130 x 85 x 84 cm
Speed	3-8 km / hour
Runtime	Up to 90 minutes after charging for 8-10 hours
Charger	Input AC 110-220V Output DC 12V 0.8A
Fuse	Auto-reset Fuse

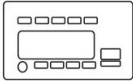

# MAINTENANCE

- Adults are responsible for reviewing the product and its essential parts before use. Check the main electrical parts including battery, charger, and remote. Check whether screws are loose or other potential hazards.
- The vehicle should be cleaned with a damp cloth. Do not directly pour or wash the vehicle with water. It can also be polished by a non-wax solvent to brighten the surface. Do not use a chemical dissolvent as it will degrade the plastic. The vehicle can not be internally cleaned by soap and water as this will damage the motor and battery, this will cause a short pass of the electro-circuit system.
- For long-term use, it is encouraged to use lubricating oil on metal parts to prevent rust. The car should be kept away from extreme temperatures and humidity. When charging, please keep the vehicle away from inflammable materials.
- When inactive for an extended period (at least one month), please disable the power. All the switches must be in "STOP" or "OFF". The product's structure and wire system are not to be modified or altered. Maintenance and replacement of crucial parts must be done by a professional.
- Unstable power supplies are not to be used. Installing a power regulator is highly recommended to protect the battery while charging.

# PART LIST

PARTS NAME	PICTURE	QTY	PARTS NAME	PICTURE	QTY
Car Body		1	Fence		1
Front Axle		1	Steering Wheel		1
Seat Block		1	Seat		1
Backrest		1	Windshield		1
Rollbar A		2	Motor (1 x rear left, 1x rear right)		2
Rollbar B		2	Wheel		4
Wheel Cover		4	Charger		1
Tool Bag		1	Remote Controller		1
Manual		1	Rear Axle		1



PARTS NAME	PICTURE	QTY	PARTS NAME	PICTURE	QTY
MP3 (pre-installed)		1	M10 Nut		2

## ASSEMBLY INSTRUCTIONS

The assembly of this vehicle must be done by an adult. The assembly process can take 30 minutes to 60 minutes. The included small packaging presents a choking hazard, please ensure children are strictly prohibited while assembling.

Installation tools required: screwdriver, screw, inner hexagonal wrench (included).

Before assembly, please review the parts list and packaging to ensure all contents are included. When installing, pay attention to the motors as each motor is different. Please refer to the attached label to indicate the right ( R ) and left ( L ) motor.

**Attention:** Please install the car as per the following order procedure. Otherwise, some parts can not be installed correctly.

### Disclaimer:

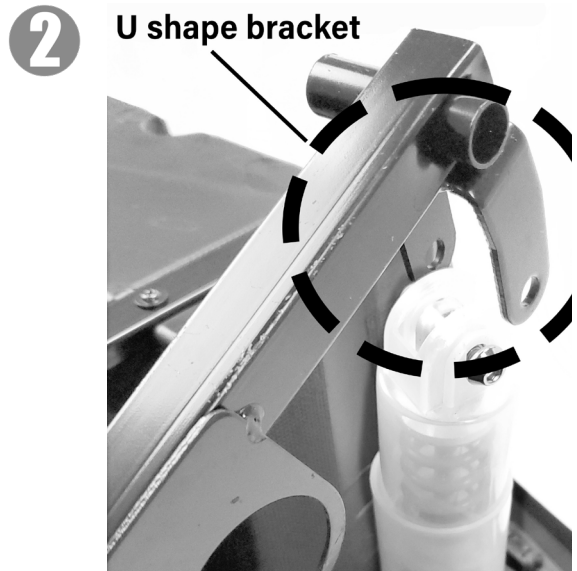
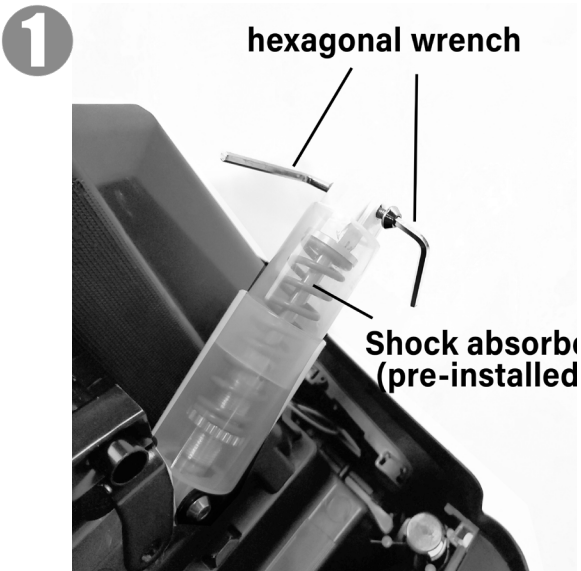
The pictures in the instructions are for assembly reference only. Please refer to the actual product.

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# 1. SHOCK ABSORBER ASSEMBLY

Begin assembly with the car in an upside-down position. The vehicle has built-in shock absorbers, they are located at the front and rear end of the car. The shock absorbers are to be installed with the front and rear axle. To install, start with the rear axle. Remove the shock bolt from the shock absorber using the hexagonal wrench, and align the shock absorber holes with the "U"-shaped bracket. Fix with the shock bolt using the hexagonal wrench. Repeat the same steps with the front axle. Please note, the front axle has the "U"-shaped bracket attached, ensuring the shock absorber is fixed first when installing the front axle.



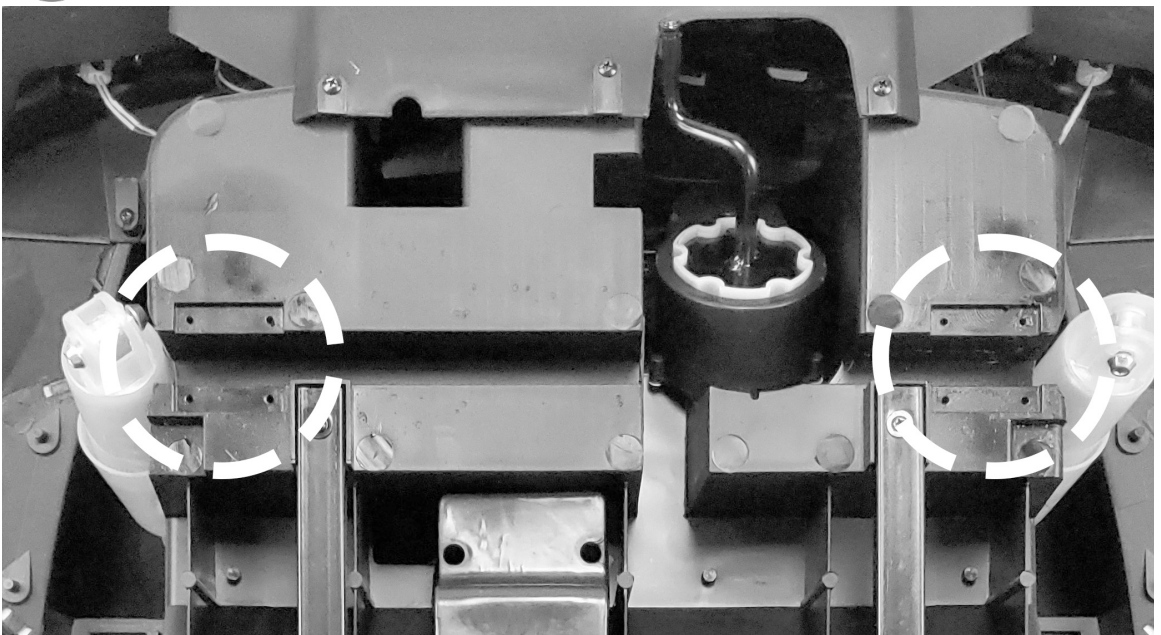
## 2. FRONT AXLE ASSEMBLY

**Parts Required:** Front Axle, 8\*12MM Screws



Begin assembly with the car in an upside-down position. Ensure the front axle slot is aligned to the steering column rod. Insert the steering column rod into the front axle slot, then secure it with the cotter pin. Install the front axle onto the car body, then fix with 4\*12 flathead screws on each side.

1

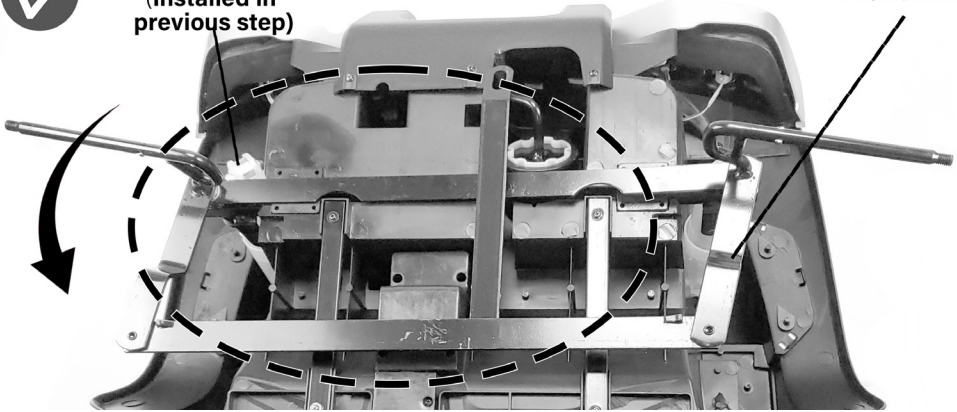


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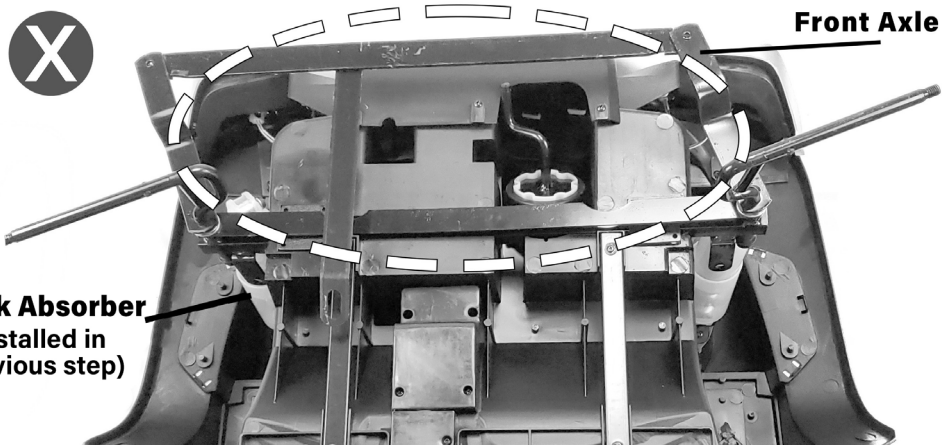
**Shock Absorber**  
(Installed in  
previous step)

**Front Axle**



**Front Axle**

**Shock Absorber**  
(Installed in  
previous step)



3

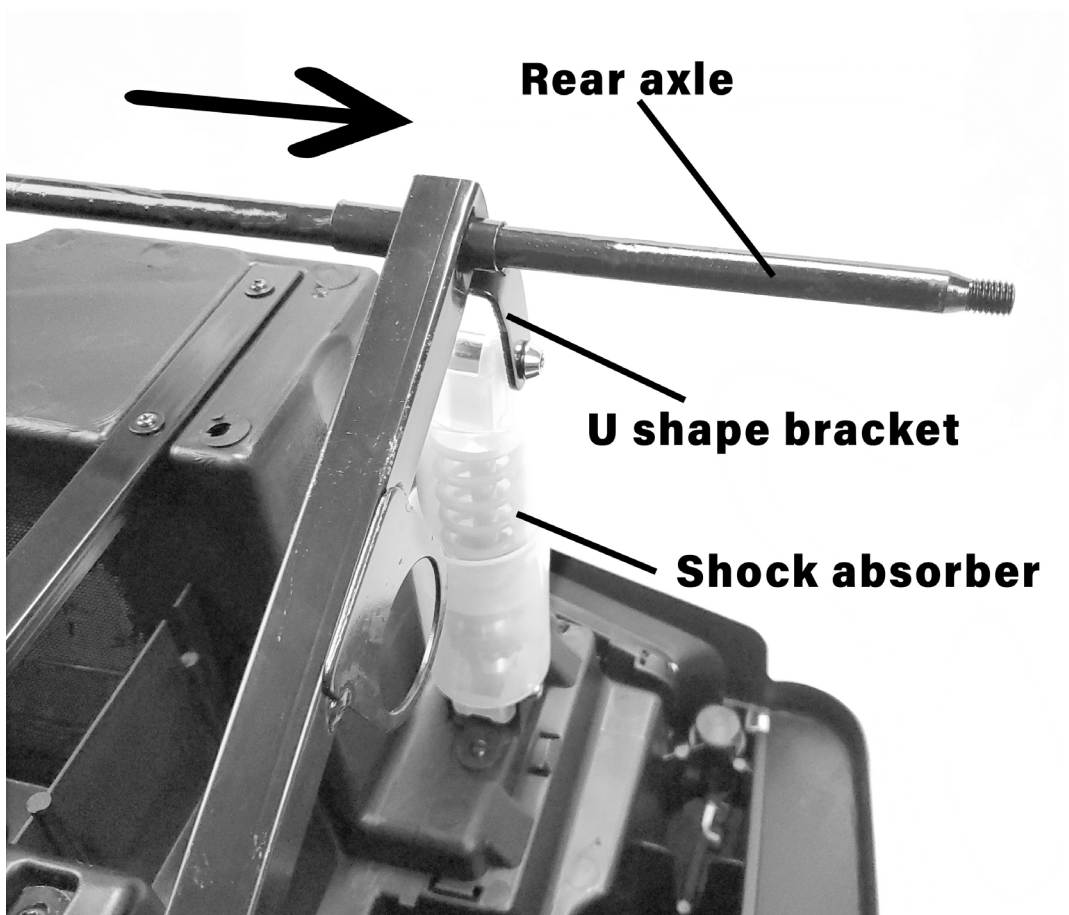


### 3. REAR AXLE ASSEMBLY

**Parts Required:** Rear Axle



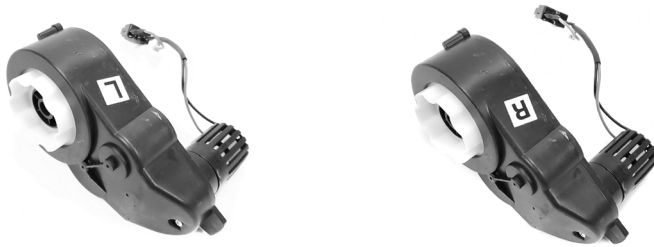
The rear bracket has a small hole for the rear axle rod to pass through. Insert the rear axle into the corresponding rear bracket hole. Ensure the rod is equally distanced on both ends.





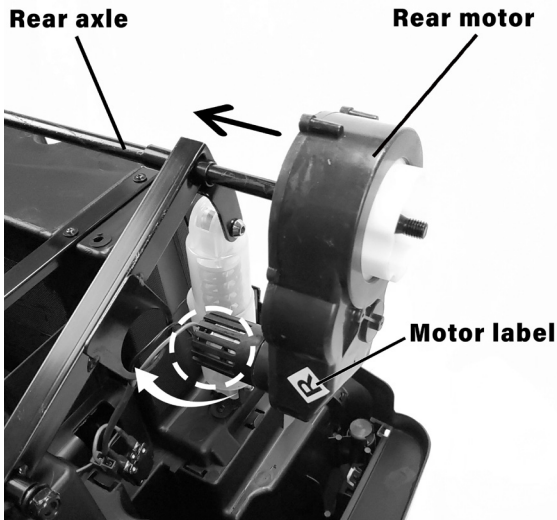
## 4. MOTOR ASSEMBLY

**Parts Required:** 2\*Motors (1 x rear left, 1 x rear right)

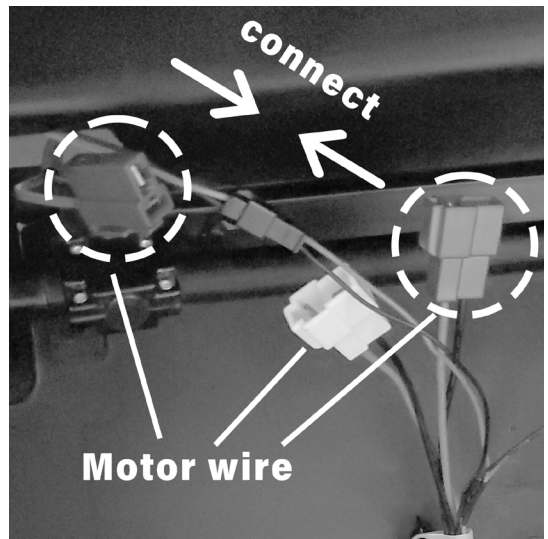


Slide the motor on one end of the axle, ensure it is fully inserted through the fixed hole and into the car body. Connect the rear motor wires with their matching pair from the car body. Please note each motor is different, refer to the attached label to indicate the right ( R ) and left ( L ) motor. Repeat on the other end of the rear axle assembly.

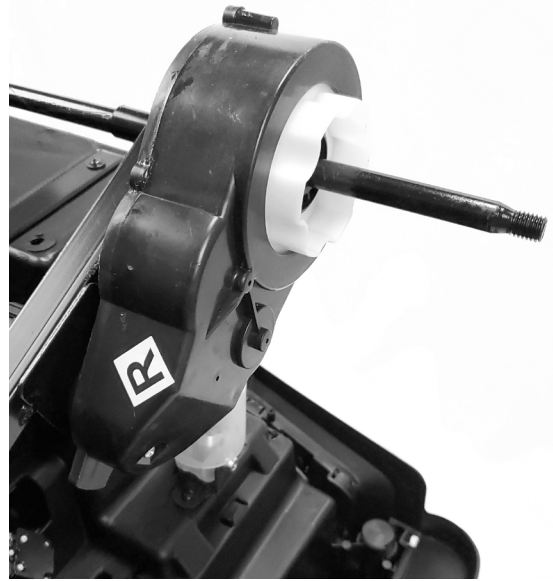
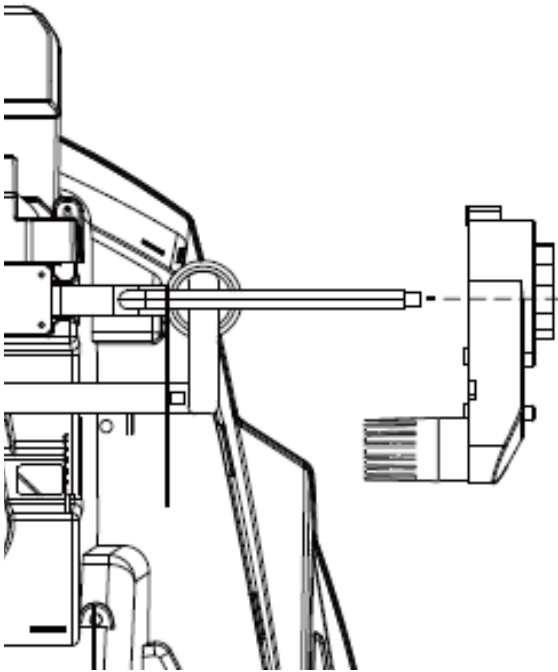
1



2



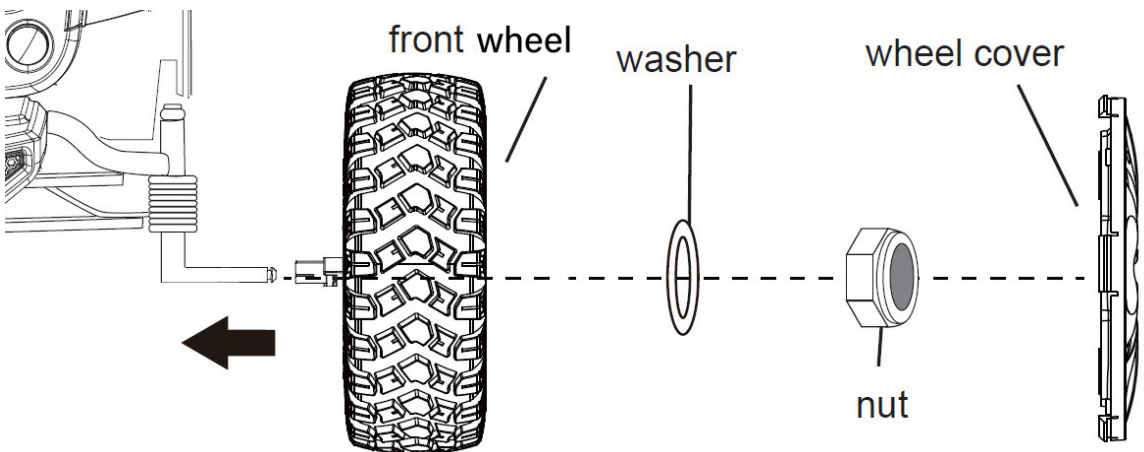




## 5. WHEEL ASSEMBLY

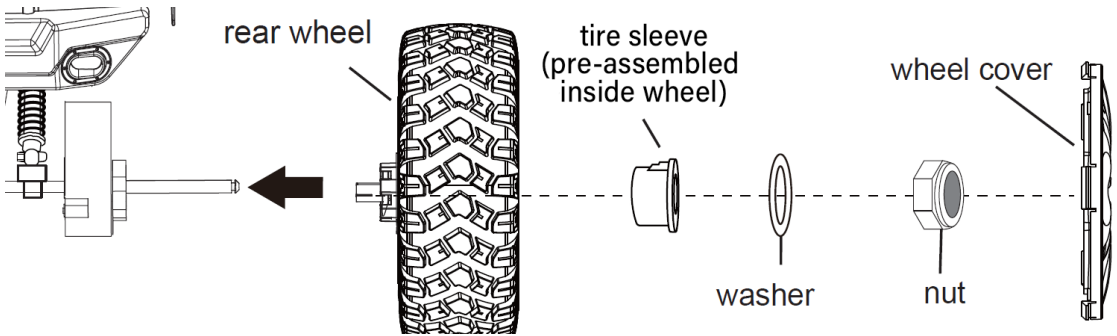
The front wheel is to be assembled in the following order. Insert the front wheel onto the front axle rod, washer, and nut. Tighten the nut to secure, and install the wheel cover.

### a. Front wheel assembly



## b. Rear wheel assembly

1. First, adjust the rear axle until the rod is equally distanced on both sides. The length must be equal on both ends.
2. The wheel is to be assembled in the following order. Insert the rear wheel, tire sleeve (included with wheel), washer, and nut. Tighten the nut to secure, and install the wheel cover.
3. Make sure one assembled wheel is in contact with the ground before assembling the other wheel. (If the other wheel can not be assembled, pull out the rear axle until it is fully extended, then re-attempt assembly)

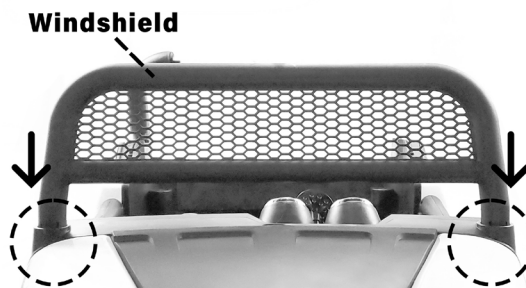


## 6. WINDSHIELD ASSEMBLY

**Parts Required:** Windshield



Insert the windshield into the corresponding opening on the car body. Push firmly until it "clicks" to secure.

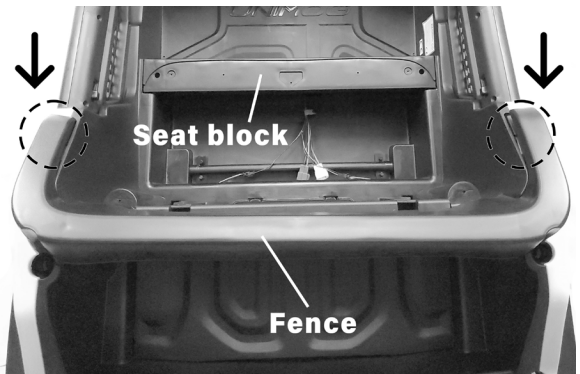
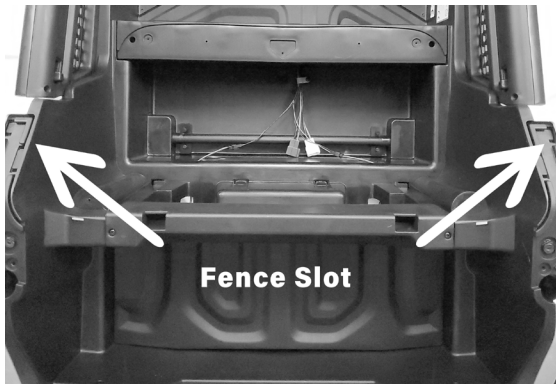


## 7. FENCE ASSEMBLY

**Parts Required:** Fence



Position the fence onto the corresponding slot at the rear end of the car. Push firmly until it “clicks” to secure. Fix the fence with self-tapping screws to secure it.



## 8. SEAT ASSEMBLY

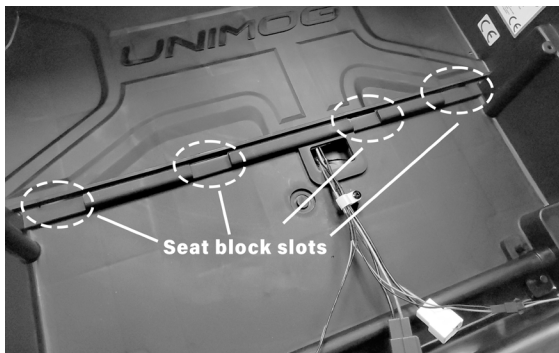
**Parts Required:** Seat block, Seat, Backrest



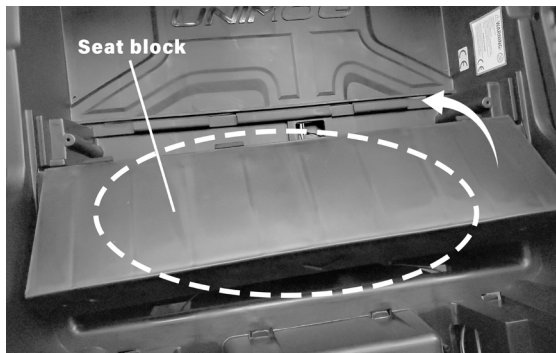
The seat assembly is composed of three parts. (Attention: Before installing the seat, connect both left and right motors with their matching connector)

1. Start with the seat block. Push the seat block into the corresponding slots on the car body. Push firmly until it “clicks” to secure. On the middle of the seat block is a triangle-shaped cut-out with a screw hole. The seat buckle is separate from the seatbelt. Gently fix the seat belt buckle onto the seat block.

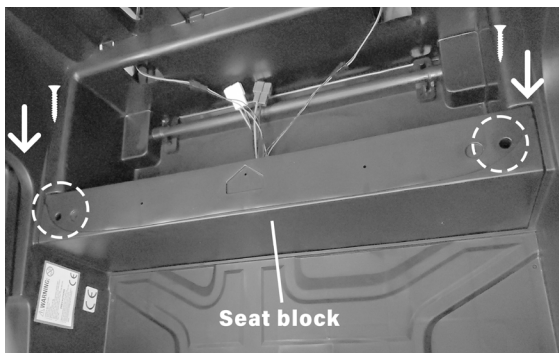
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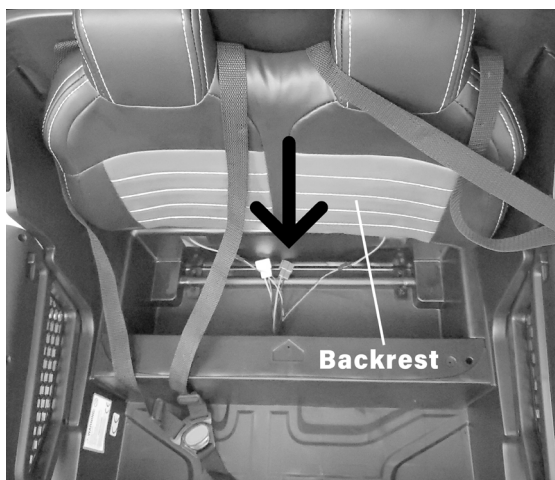
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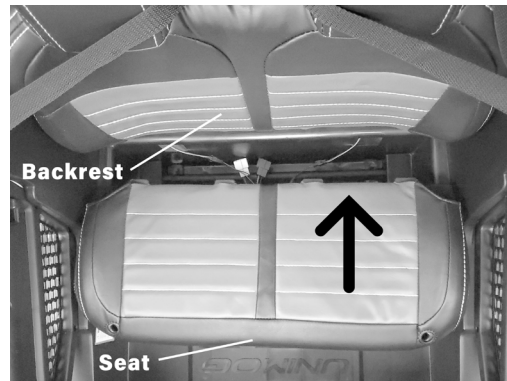
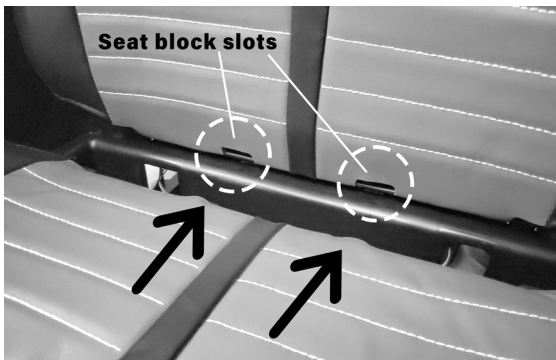
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2. The backrest must be inserted on the corresponding slots from the car body. Locate the slots on the car body for the backrest. Install the backrest by pressing firmly downwards.



- The seat must be inserted into the back rest. Push the seat into the backrest, then fix the seat onto the seat block with self-tapping screws.



## 9. ROLLBAR ASSEMBLY

### Parts Required:

Left and Right support bar (A), Center bar (B), 12 MM Screw\*2



(Rollbar A)

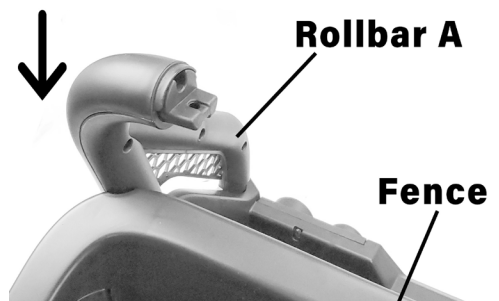
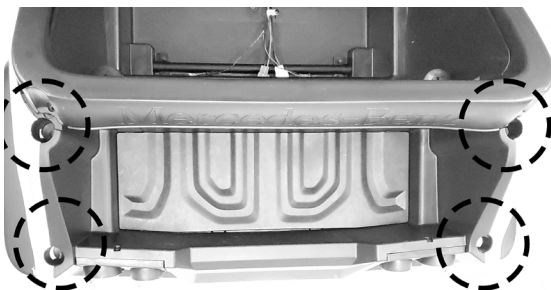


(Rollbar B)



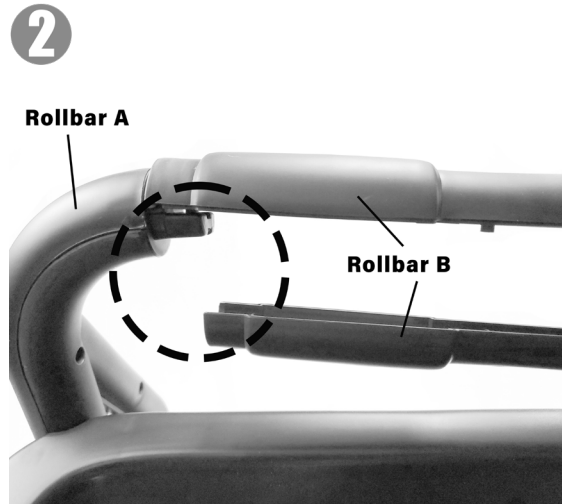
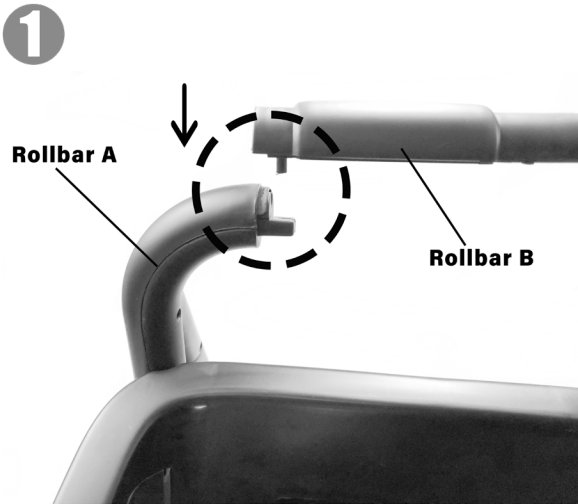
The rollbar assembly requires the installation of 3 parts. The left and right support bar, and the center bar installed in between the support bars.

- Install the left and right support bars onto the car body. Push firmly until it "clicks" to secure. The support bars need to be connected with the center roll bar. The center bar comes in a lower and upper portion that needs to be put together.



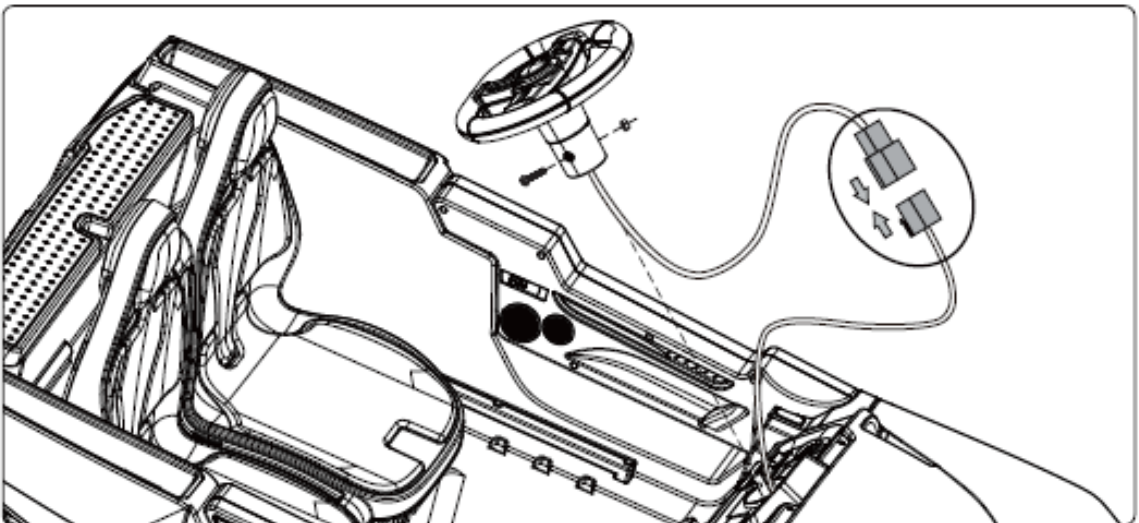


2. To complete the roll bar assembly, put together the upper and lower roll bar in between the support bars. Ensure it is placed in the center of the left and right support bars, and aligned onto the screw holes. Gently, fix the center roll bar with screws. Do not overscrew as this will damage the rollbar.

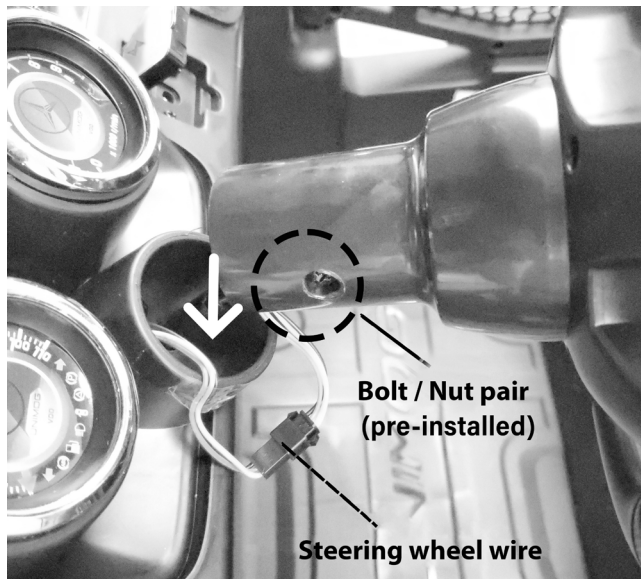


## 10. STEERING WHEEL ASSEMBLY

1. The steering wheel is pre-assembled with the screw and nut. Remove the screw and nut from the steering wheel.



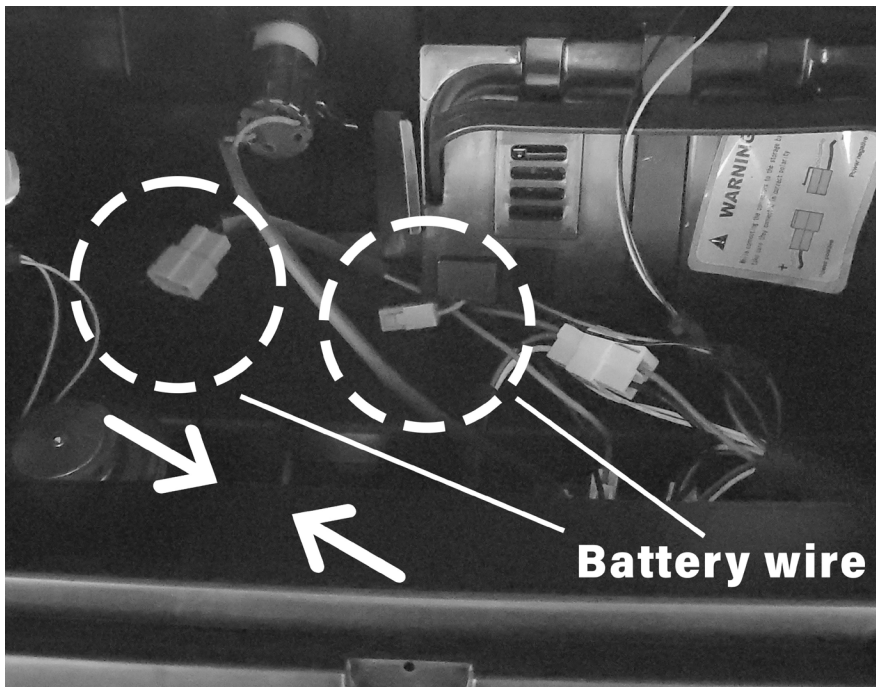
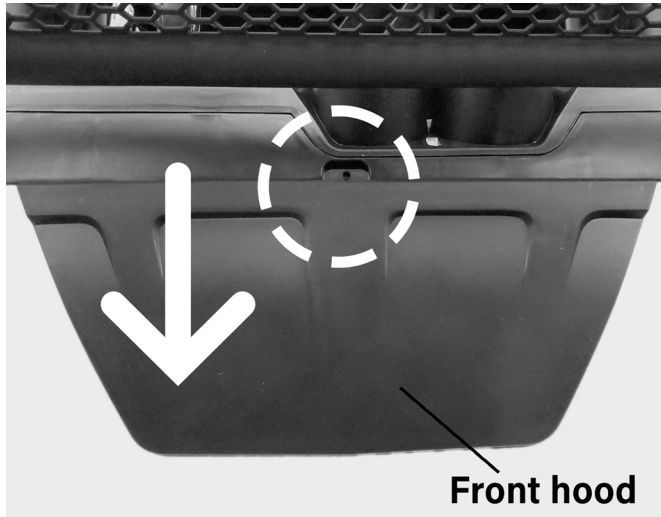
2. Connect the steering wheel wire with it's matching pair from the steering column.
3. Insert the steering wheel into the steering column. Align the steering wheel with the steering column screw hole. Fix the steering wheel with the screw and nut to complete assembly. (Attention: please refer to the openings of the screw hole. The nut needs to be fixed from the hexagonal opening.)



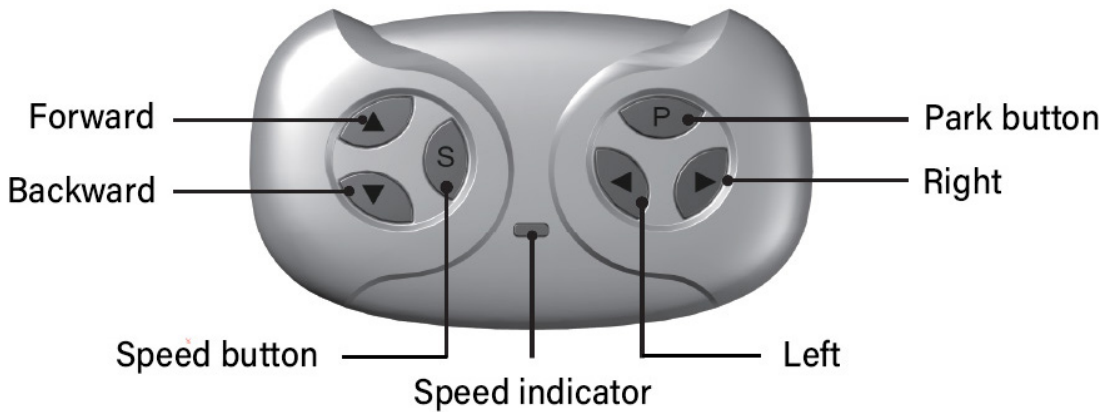


# 11. BATTERY CONNECTION

Open the cover on the front hood of the vehicle. Locate the (red) battery wire inside. Plug the battery wire together to enable power. Please note, the car will not operate or function if the battery wire is disconnected. Once the battery wire is connected, close the battery cover. Fix the battery cover with screw.



# REMOTE CONTROL INSTRUCTION



## 2.4GHz Remote Control Pairing Procedures

1. To pair the remote with the vehicle, install two AAA 1.5V batteries. Unscrew and push the battery cover open on the back of the remote. Please pay attention to the positive and negative polarity in the battery holder. After installing batteries, close the battery cover.
2. Hold the "Forward" and "Backward" key together (up and down key) for 3 seconds. The light on the center will start to flash - this indicates the pairing has initiated.
3. Turn on the power from the vehicle while the remote is flashing. After turning on the vehicle, the lights on the remote will stop and stay lit. This indicates the pairing has been successful and connected to your vehicle.

### Remote Instructions:

"S" Key: Speed button; adjust the speed from low, medium, or high. The light on the center of the remote will indicate the speed level.

"P" Key: Park button; disable the vehicle's movement and stay parked. The car will not run with the pedal or remote. To enable power, press the "P" button again.

## **WARNING**

1. When operating the car with the remote, the distance between the car to remote should not exceed 10m range.
2. The remote is provided for adult's to operate. Keep away from children.
3. Before using the remote, carefully read the instruction manual, ensuring all functions are reviewed properly before operating.
4. Please switch to the "P" gear before entering the car.
5. The car should not be driven on dangerous terrain or environments. This includes the road, bodies of water, or obstacles.
6. Do not expose the remote to water or rain. Water exposure may result in circuit damage.
7. Do not mix old and new batteries, including different brands of batteries.
8. When the remote is inactive for an extended period, it is recommended to remove the batteries to avoid battery leakage and corrosion to the circuit board.
9. Do not drop or throw the remote control.
10. Install batteries with correct polarity to avoid short circuits.
11. Charging is to be done by adults. Non-rechargeable batteries can not be charged.
12. Low batteries should be removed and kept away from children. Batteries are not a toy.
13. Remove the battery if the car is inactive (at least one month) for an extended period. Properly remove and handle batteries, and keep away from children.
14. If the remote can only operate the car in less than 3 meters, this indicates the battery is low in the remote. Change the two AA batteries accordingly.

**Changing the remote batteries:** Unscrew the battery cover using a screwdriver. Following the arrow, press in the following direction to open the cover. Replace the batteries according to their corresponding polarity.

**How to insert batteries:** Use a screwdriver to unscrew the back cover of the remote. Install two AAA 1.5V alkaline type batteries according to the diagram (batteries not included). Fix the battery cover with a screw.

**How to remove batteries:** Use a screwdriver to unscrew the back cover of the remote. Open the cover and remove the two AAA 1.5V alkaline type batteries. Close the battery cover, fix with a screw.

## **WARNING**

- Do not charge non-rechargeable batteries for the remote.
- Batteries for the remote must be inserted with the correct polarity.
- When the remote is low in battery, please remove and swap the batteries
- Rechargeable batteries for the remote must be charged under adult supervision.
- Rechargeable batteries must be removed from the remote before being charged.

## **CHARGING PROCEDURES**

- For safety purposes, charging must be done by adults.
- When initially assembled, connect the (red) battery wires under the hood. Charge for 8-12 hours before using.
- The charging port is located on the dashboard. Follow the instructions to charge the battery.
- If the car is starting to slow down, this indicates the battery is low. Recharge for 8-12 hours, maximum 20 hours. Do not overcharge or undercharge.
- First, insert the charger into the charging port.
- Carefully insert the charger outlet into the power outlet. Please note the car will not turn on when the car is connected.

## **WARNING**

1. The assembly of the car must be done by an adult. When unassembled, it contains potentially hazardous parts that are sharp or small. Please keep out of children's reach.
2. Choking hazards of small parts.
3. Not for children under 36 months. Recommended for 36-96 months.
4. Always wear shoes or footwear when using the toy.
5. RISK OF FIRE. Do not bypass. Replace only with circuit protection devices.
6. Protective equipment should be worn.

## **ATTENTION**

- Dedicated charger and battery can only be used under manufacturer's regulations.
- Do not mix old, new or different types of batteries.
- The battery terminal should not be short circuit.
- Do not open the battery or charger.
- Do not reverse the battery.
- Before charging, please inspect the charger, battery, and plug to ensure no damages or abnormalities are found. If any damages are found, discontinue usage of the car until the parts are replaced or resolved.
- The battery may feel warm while being charged - this is normal. If the temperature from the charger does not elevate, it may be caused by a short circuit from the charger or circuit board.
- Must use the pressing plate to fix the battery.
- When the battery is no longer functional, adults are responsible for removing and safely disposing of the battery in a battery-safe disposition facility.
- When the product is inactive (at least one month), it must be fully charged. Unplug the (red) battery wire, and charge it at least once a month to ensure battery functionality and life.
- The charger and battery are not toys. Keep away from children.

# MAINTENANCE AND SERVICE

1. Before using, adults are responsible for reviewing the product and essential parts are in a functional condition. Check whether screws are loose or other potential hazards. Any damaged or defective parts must be repaired or resolved before using.
2. Use a small amount of lubricant oil to moving parts to prevent rust or wear or tear (e.g. motors, gears, hardware, etc.).
3. Keep the car away from fire and direct sunlight. Store the car in a stable position and must be kept safely away from extreme temperatures or climate.
4. The car must be kept away from hot objects, such as stoves and heaters. Direct exposure to hot objects will melt the plastic. The car must be kept away from flammable materials to prevent ignition or fire when charging.
5. After using the car, charge the car adequately and must be done by an adult. If the product is inactive, it must be fully charged. Charge at least once a month to ensure battery functionality and life.
6. Use a soft cloth to clean the car. Do not use chemical solvents, soap, or water to clean the vehicle. Do not drive under precipitation (e.g. snow, rain, etc.) as this will damage the motor, battery and circuit system.
7. When inactive or discontinued, shut off all power by disconnecting the (red) battery wire, and all switches are in the "STOP" or "OFF" position.
8. Do not use third-party or different fuses.
9. Do not modify the product structure or circuit system. Maintenance and repair work must be done under the guidance of a professional or technician.
10. Do not use the product for other purposes.
11. Battery negative short circuit is prohibited.
12. Rechargeable batteries must be charged under adults' supervision. Non-rechargeable batteries can not be charged. Ensure the batteries are installed in the correct polarity.
13. Do not mix old and new batteries, including different types of batteries.

14. Low batteries should be removed from the car and kept away from children.
15. Disconnect the batteries when completely inactive or discontinued. Do not let children use the car in this state.

## TROUBLESHOOTING

DEFECT	ANALYSIS	SOLUTION METHODS
The vehicle is not moving	<ol style="list-style-type: none"> <li>1. Battery has low voltage</li> <li>2. Fuse protection</li> <li>3. Wheel assembly is not correct or loose</li> <li>4. Battery connections are disconnected</li> <li>5. Battery is dead</li> <li>6. Electrical damage</li> <li>7. Motors are damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. Recharge the battery for the recommended time (8-12 hours)</li> <li>2. Stop using the car. Wait for a few minutes then re-use</li> <li>3. Correct the wheel assembly; ensure the hardware is fixed tightly</li> <li>4. Reconnect the battery wires</li> <li>5. (Including 6-7) Contact the retailer for replacement parts or service. Please do not use third-party parts to repair</li> </ol>
Battery is not charging	<ol style="list-style-type: none"> <li>1. Battery connections are disconnected</li> <li>2. No power to vehicle</li> </ol>	<ol style="list-style-type: none"> <li>1. Reconnect the battery wires</li> <li>2. Charge the vehicle using the charger</li> </ol>
Short mileage; the run-time is shorter than the standard time	<ol style="list-style-type: none"> <li>1. Battery is low</li> <li>2. Battery is old, or deteriorated</li> </ol>	<ol style="list-style-type: none"> <li>1. Charge the vehicle using the charger</li> <li>2. Contact the retailer for replacement parts or service. Please do not use third-party parts to repair</li> </ol>
The charger is emitting sound and is warm while charging	<ol style="list-style-type: none"> <li>1. Normal reaction while charging</li> </ol>	<ol style="list-style-type: none"> <li>1. Normal occurrence with the product</li> </ol>



<p>The vehicle is low in speed</p>	<ol style="list-style-type: none"> <li>1. Battery is old, or deteriorated</li> <li>2. Battery is low</li> <li>3. The vehicle is overloaded (maximum weight capacity)</li> <li>4. The vehicle is driven on irregular terrain</li> </ol>	<ol style="list-style-type: none"> <li>1. Contact the retailer for replacement parts or service. Please do not use third-party parts to repair</li> <li>2. Recharge the battery</li> <li>3. Reduce the user weight to &lt;30kg</li> <li>4. Use the vehicle on ideal concretes, such as pavement, concrete, or hard-wood floors</li> </ol>
<p>Wheel or steering motor has an abnormal sound</p>	<ol style="list-style-type: none"> <li>1. Motor is defective</li> </ol>	<ol style="list-style-type: none"> <li>1. Reconnect the motor wire</li> <li>2. Contact the retailer for replacement parts or service. Please do not use third-party parts to repair</li> </ol>
<p>The vehicle is shaking when accelerating</p>	<ol style="list-style-type: none"> <li>1. The connection for the motors are not ensured</li> <li>2. One of the gears inside the motor is damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. Reconnect the motor wires</li> <li>2. Contact the retailer for replacement parts or service. Please do not use third-party parts to repair</li> </ol>
<p>The car operates without music</p>	<ol style="list-style-type: none"> <li>1. There is no battery in the steering wheel</li> <li>2. MP3 wire connections may be loose</li> </ol>	<ol style="list-style-type: none"> <li>1. Install batteries inside the steering wheel</li> <li>2. Reconnect the wires behind the MP3</li> </ol>