Caterpillar Licensed Electric Ride-On Toy

User Manual



NOTE: Manual illustrations are for demonstration purposes only.
Illustrations may not be the same as the exact appearance of the actual product.
Read and understand this entire manual before allowing children to use this product.
Please keep the 17-character order ID with your side before contacting us.

Order ID: _____ – _____ – _____

For assistance, please send Email to: acetoy.service@gmail.com

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I.Specification

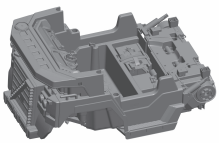
Suitable Ages	3-8 Years
Product Dimensions	46.5 × 32.7 × 24.4 in
Maximum Weight	130 lbs
Speed	3.7–5.1mph
Motor	100W*4
Charger	DC 24V 1000mA
Battery	24V 7AH
Remote Control	2.4G one to one function
Remote Control Batteries	2xAAA size(not included)
Steering Wheel Batteries	2xAA size(not included)
Operating Amibent Temperature	0-40°C

⚠ WARNING!

1. Not suitable for children under 36 months.
2. This product contains small parts. Must be assembled by an adult. Keep children away from scattered screws, spilled pins, and other sharp or hazardous parts.
3. To reduce the risk of injury, children should drive under the supervision of adults.
4. Never use in traffic, near motor vehicles, on or near steep inclines, steps, swimming pools, or other bodies of water. Always keep children within safe riding areas.
5. Operate the vehicle only in the daytime or a well-lit area.
6. The power supply or battery charger used with this electric toy must be regularly examined for damage to the supply cord, plug, enclosure, or other parts. In the event of damage, it must be used until the damage has been repaired.
7. Use only the battery and charger specified by the manufacturer.
8. To prolong battery life, fully charge the battery before each use. Charging must be performed by an adult.
9. It is prohibited to change the circuit or add other electrical parts.
10. Make sure children know and follow these rules for safe driving and riding: wear shoes, always sit in the seat and fasten the seatbelt while riding. Appropriate protective equipment should be worn if necessary.
11. Do not tow anything behind the vehicle or overload it. The maximum user weight is 130 lbs; never allow more than 2 riders.
12. This toy is not equipped with a brake. To stop the vehicle, release the foot pedal.

III. Parts List

1.Car Body 1pc



2.Flashing light 1pc



3.Side mirror 2pcs



4.Steering wheel 1pc



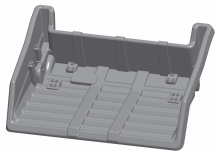
5.Rear wheel 2pcs



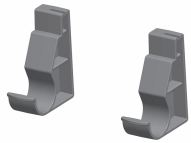
6.Seat 1pc



7.Dump bed 1pc



8.Hook 2pcs



9.Shovel 1pc



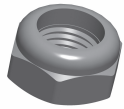
10.Screw 23pcs
(three pieces replcament)



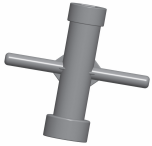
11.Bolt 2pcs



12.Nut 2pcs



13.Wrench 2pcs



14.Rear wheel axle 1pc



15.Wheel cap 4pcs



16.Motor 4pcs



17.Steering support bracket 1pc



18.Front wheel axle 1pc



19.Front wheel 2pcs



20.Remote control 1pc



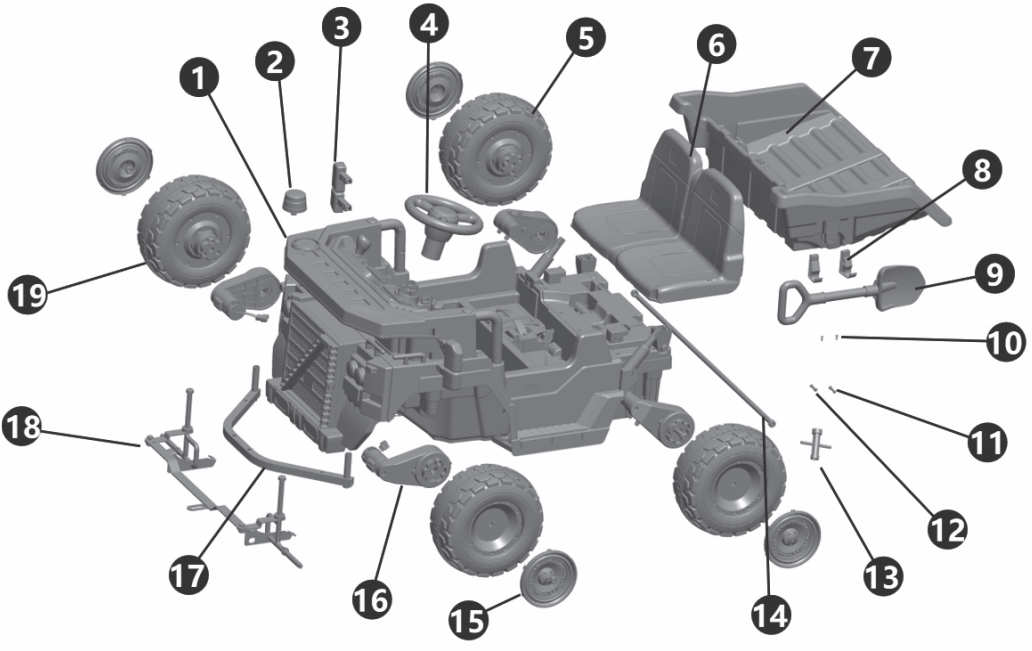
21.Charger 1pc



22.Screwdriver 1pc



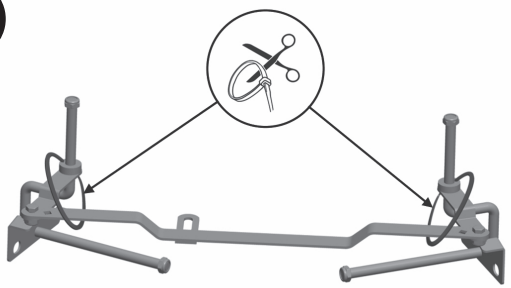
IV. PARTS DIAGRAM



If you experience a problem with this product or are missing a part, please first contact **acetoy.service@gmail.com**, rather than return this product to the store directly. Please identify all parts before assembly and save all packaging material until assembly is complete to ensure that no parts are discarded.

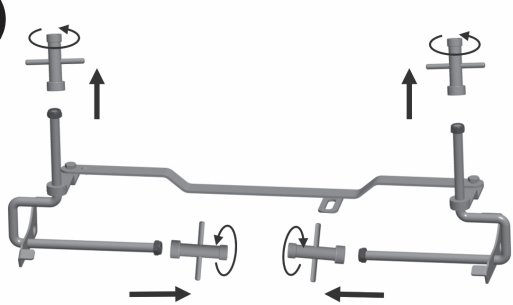
V. Installation Steps

<Step1>



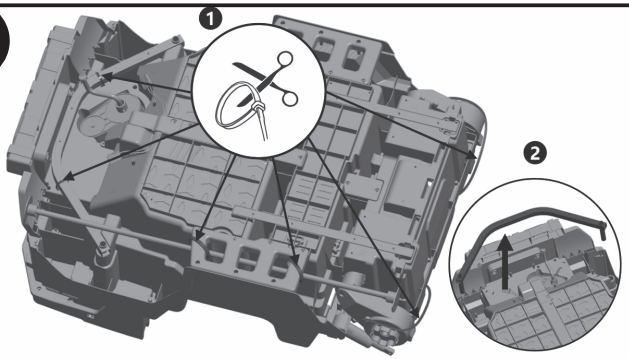
1. Cut the zip ties on the front wheel axle.

<Step2>



2. Remove the four nuts on the front wheel axle using the provided wrench.

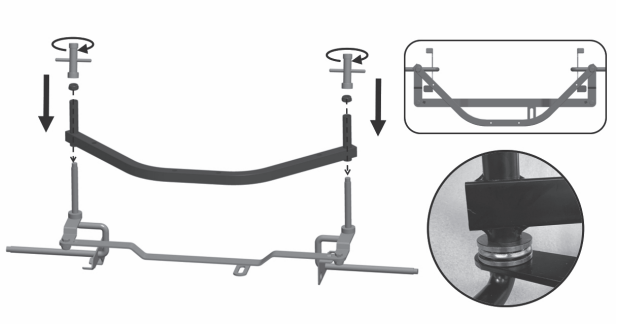
<Step3>



3. Turn the body over, cut the zip ties, and remove the rear wheel axle and the steering support bracket.

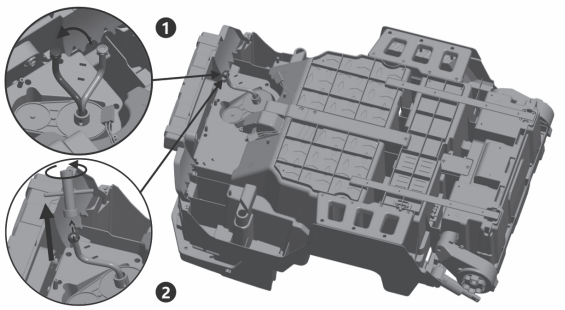
V. Installation Steps

<Step4>



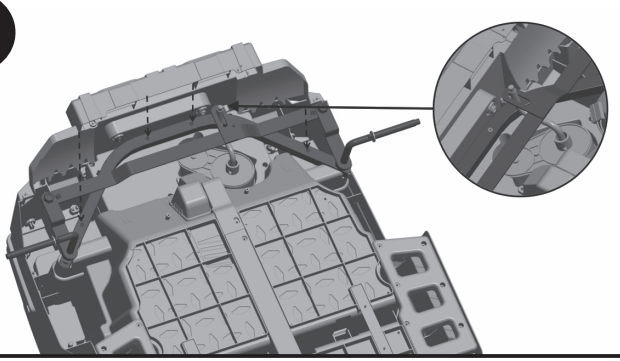
4. Slide the steering support bracket onto the front wheel axle, and tighten the two nuts using the provided wrench.

<Step5>



5. Adjust the position of the steering lever on the steering motor, as shown in the small line drawing 1, rotating it from position A to position B.

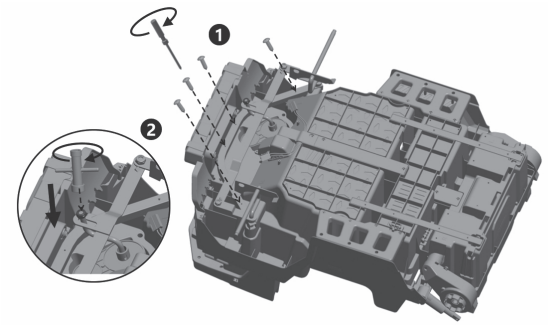
<Step6>



6.Place the whole front wheel axle into the front body.

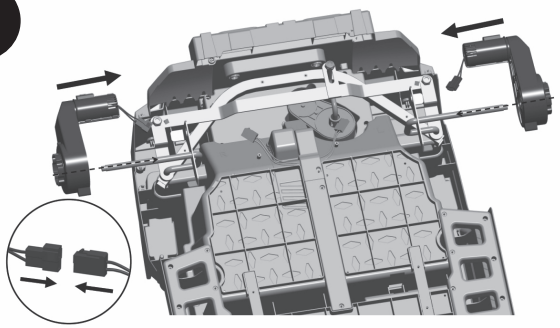
V. Installation Steps

<Step7>



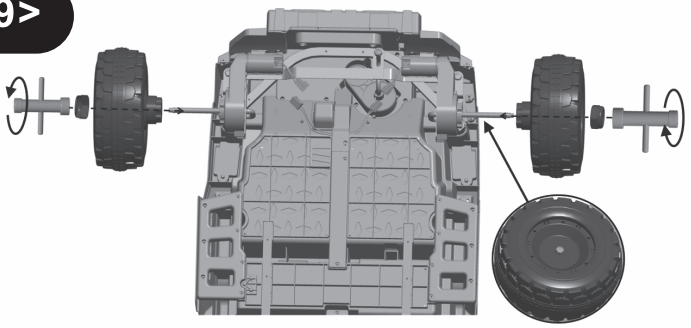
7. Tighten the four screws with a screwdriver (not included). Then reinstall the nut and tighten it using the provided wrench.

<Step8>



8. Connect the two terminals and install the front gear motors onto the front wheel axle.

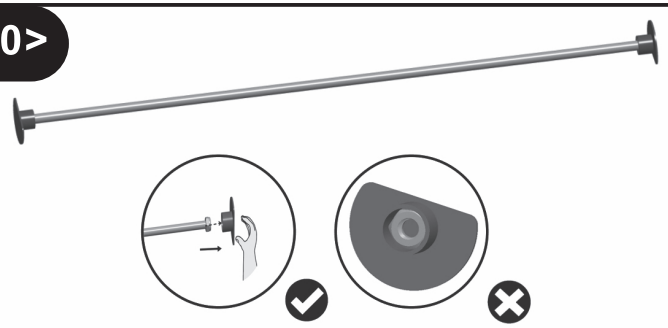
<Step9>



9.Insert the wheels and locknuts into the front axle one by one. Then tighten the locknuts using the plastic wrench.

V. Installation Steps

<Step10>



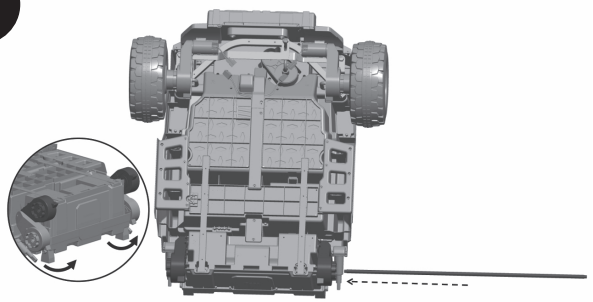
10.Remove the protective sleeves. Note that the nuts may be attached to the sleeves;ensure the nuts are not lost.

<Step11>



11. Remove the two nuts from the axle using the provided wrench.

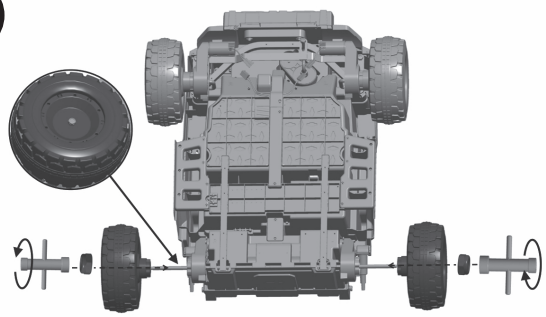
<Step12>



12. First, rotate the gear motor as shown in the illustration, then insert the rear wheel axle into the rear body.

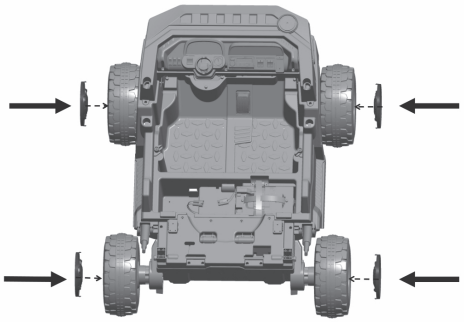
V. Installation Steps

<Step13>



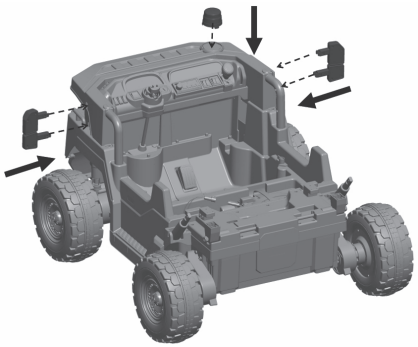
13. Insert the two rear wheels and tighten the two nuts using the provided wrench.

<Step14>



14. Install the four wheel caps.

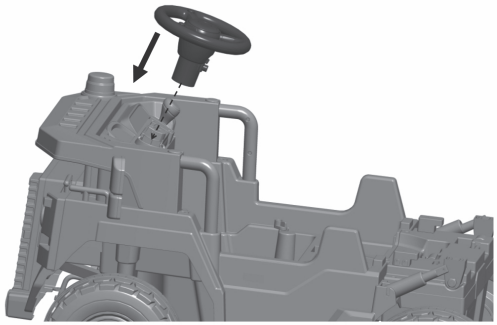
<Step15>



15. Install the side mirrors, making sure to install them on the correct sides. Install the flashing light.

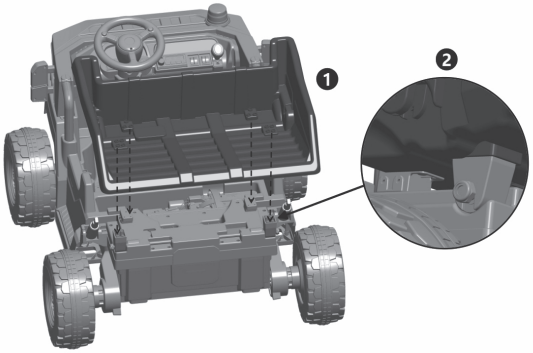
V.Installation Steps

<Step16>



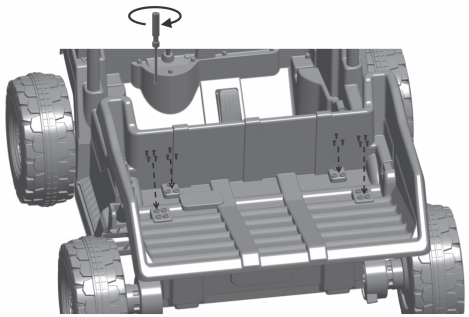
16.Install the steering wheel.

<Step17>



17. Place the dump bed over the four bottom brackets, ensuring it is properly seated.

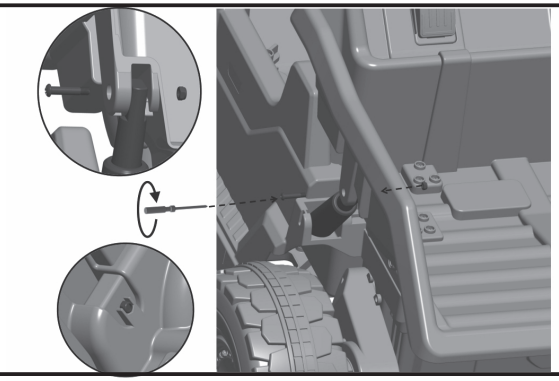
<Step18>



18.Tighten the 14 screws with a screwdriver.

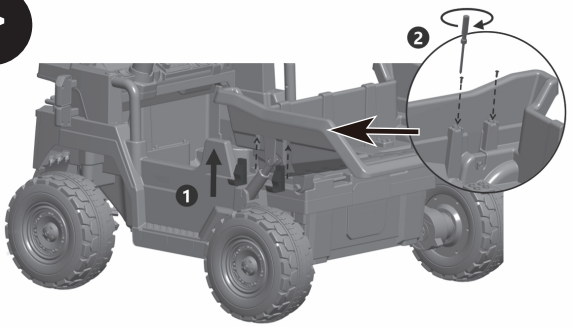
V.Installation Steps

<Step19>



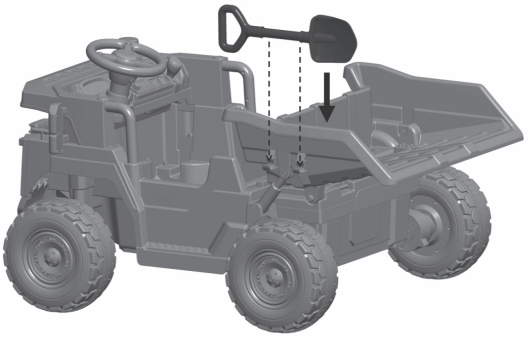
19. Align the holes in the dump bed with those in the telescopic rod. Insert the bolt from the outside, then install the nut from the inside of the dump bed and tighten it.

<Step20>



20. Insert the two hooks into the dump bed, and secure them with two screws using a screwdriver.

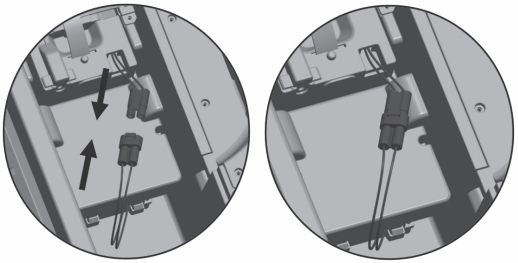
<Step21>



21.Place the shovel.

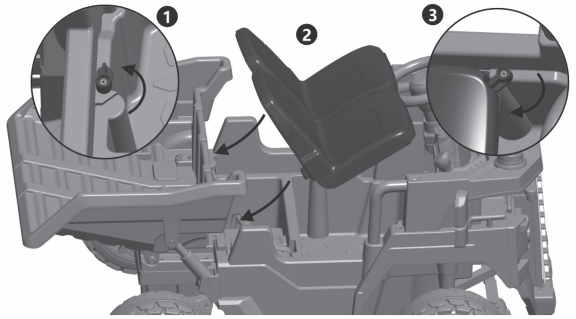
V.Installation Steps

<Step22>



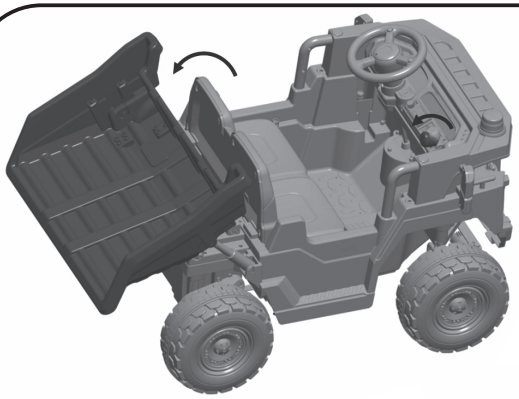
22. Connect the two terminals on the battery to supply power to the unit.

<Step23>



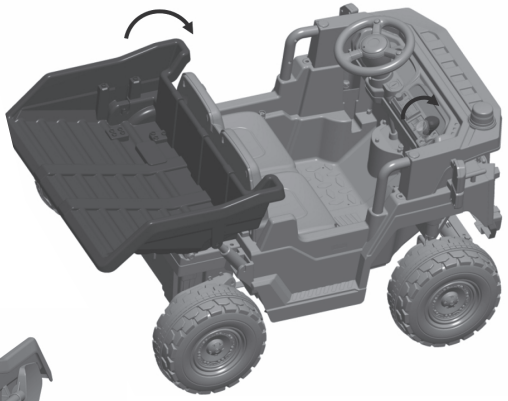
23. Rotate the knob as shown in Figure 1. Then insert the raised part on the seat into the slot at the rear. Finally, rotate the knob as shown in Figure 3 to lock the seat in place.

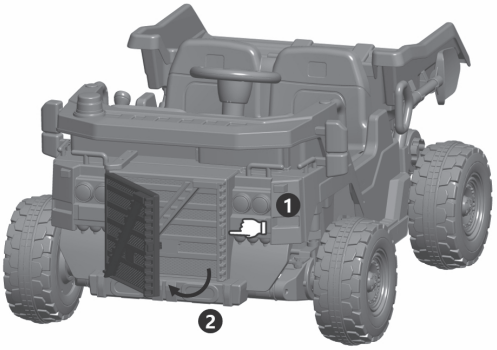
VI.Function and Opreation



Dump Bed Operation:
1. Push the control lever backward to raise and tilt the dump bed.

2. Push the control lever forward to lower and reset the dump bed.

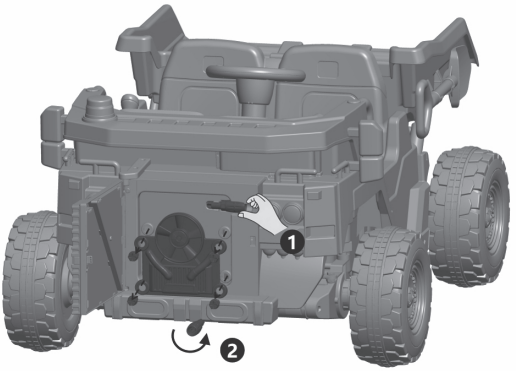




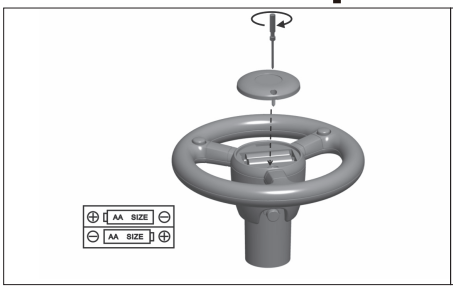
Press and hold the button to open this part, as shown in the illustration.

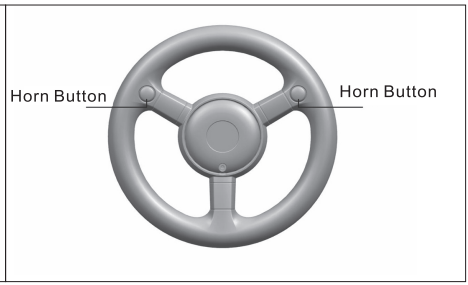
As shown in the illustration, use a tool to loosen the bolt and remove the panel if your kids want to play with these toys. If you don't need it, please skip this step.

Play feature



VI.Function and Opreation

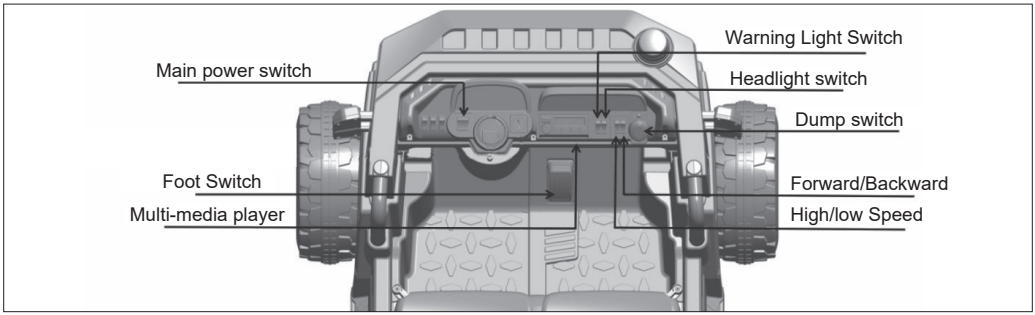




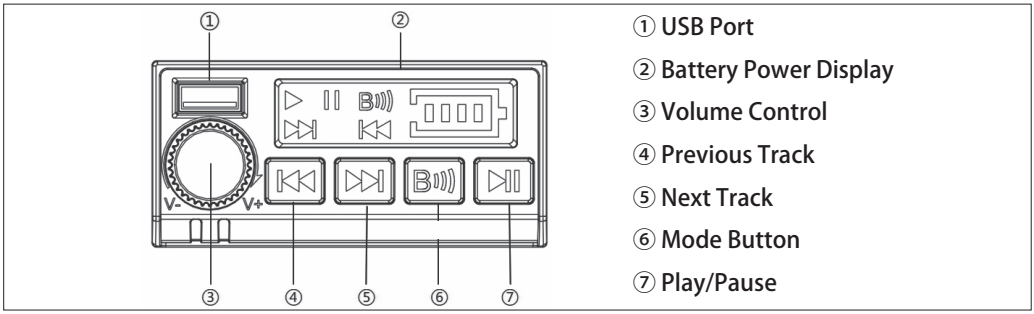
Open the steering wheel cover and insert two AA batteries. Batteries are not included.

NOTE: If the batteries are not installed, the two buttons on the steering wheel will not function.

Dashboard Indication



Music Panel Indication

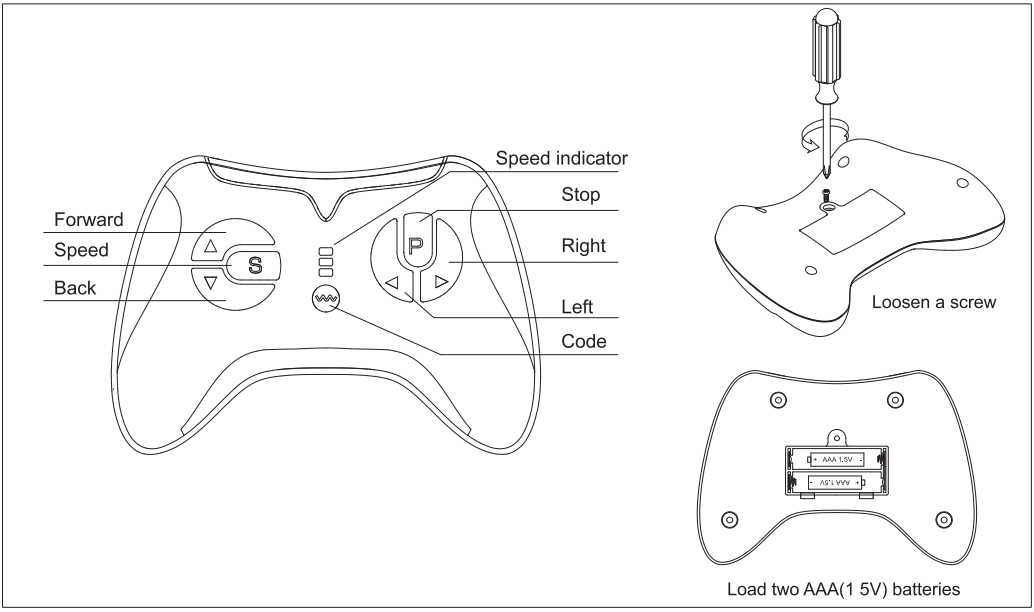


How to Connect via Bluetooth:

1. Press the Mode button (⑥). When you hear a “ding” sound, the device has switched to Bluetooth mode.
2. Turn on Bluetooth on your phone, find “YJ-BTcar” in the device list, and connect.
3. Play music on your phone to check if the connection is successful.

NOTE: If you are unable to connect, please contact customer support for assistance.

Remote Control Instructions



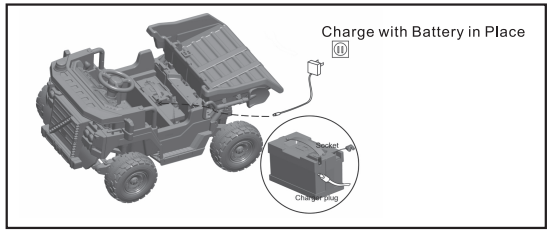
Build Connection

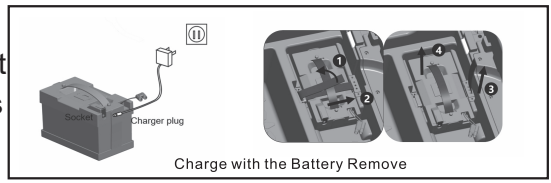
Step 1: Open the battery cover of the remote control and put 2 pcs AAA(1.5V) batteries into it. (Note: the batteries need to be purchased by the customer.)
Step 2: Press and hold the code "﹏" button for 3 seconds. The indicator light will begin to flash.
Step 3: Then turn on the power switch located on the vehicle dashboard. If the status indicator stops flashing and stays lit after about 3 seconds, the connection is successful. If there is no response, the connection failed. Replace the batteries and try again.
Brake Button: Press the "P" button to stop the vehicle. Press it again to release the brake.
Speed Button: Switches between low, normal, and high speed modes. Switches between low, normal, and high speed modes. The indicator will light on when you press the "S" button. One red light for low speed, two red lights for medium speed, and three red lights for high speed.
Note: This switch does not work when the vehicle is in reverse.

Note: When the remote control is paired and in operation, the remote will override the manual mode, and the pedal switch of the car will be invalid. If the remote is paired but not in operation, the pedal switch can be used normally.

VII. Charger and Battery Maintenance

1. Only use the battery and charger provided or recommended with this product.
2. Do not play with the charger or battery, as they are not toys.
3. Battery charging must be performed by an adult.
4. Fully charge the battery before first use. The charging time is 9–10 hours and must not exceed 15 hours.
5. It is normal for the battery and charger to feel warm during charging.





VIII. Battery Warning

1. Battery Warnings:

1) When storing the car for long period of time, charge the battery until full then turn off the power switch.The battery should be recharged once every other month, or may otherwise have a shorter life span and risk deteriorating.
2) When installing the battery, ensure that the positive and negative terminals are correctly connected. Short-circuiting the terminals may damage the toy.

2. Battery Instructions:

1) This product requires two DC 1.5V AAA batteries (not included) for the remote control and two DC 1.5V AA batteries (not included) for the steering wheel.
2) Battery replacement and charging must only be performed by adults.
3) Non-rechargeable batteries cannot be charged.
4) The rechargeable batteries can only be charged after being removed from the remote control battery compartment.
5) Please do not mix different types of batteries, or mix used and new batteries.
6) If the product will be stored for a long time, it is recommended to remove the batteries from the battery compartment.
7) Overused batteries should be removed from the toy.

IX. Troubleshooting Guide

IMPORTANT! If you experience a problem with your vehicle, first check the Problems and Solutions Guide below. If you still experience a problem, please contact acetoy.service@gmail.com

Problem	Possible Cause	Solution
Vehicle does not run/Can not move	Power cable is not connected	Please refer to the installation steps to ensure that all wire connectors are connected. If you are not sure if the power cable is connected well or not, reconnect the power cable and see if the vehicle can be turned on.
	Undercharged battery	Charge the battery. A new battery should have been charged for at least 10 hours before using the vehicle for the first time. After first-time use, recharge the battery for 9-10 hours after each use. Never charge the battery longer than 15 hours.
		Check all connectors. Make sure the charger connector is plugged into the battery, and that the charger is plugged into the wall.
		Make sure power flow to the wall outlet is "ON".
	Charging Protection	The car can't be started up at all when in charging state. Please unplug the charger from the outle wall and unplug the charging port from input socket.
	Charger is not working	There is no sure way to tell if your charger is working unless you have a volt meter. If you suspect there is a problem with your charger, contact the seller or Customer Service for diagnosis and repair.
	Dead battery	If your battery is old or if you have not followed Battery Care instructions, your battery may be dead. If you are unsure whether or not the battery is dead, contact the seller or Customer Service for diagnosis and repair.
	Motor damage	Contact the seller or Customer Service for diagnosis and repair.
Vehicle was running but suddenly stopped	Loose wire or loose connectors	Please refer to the installation steps and check all wires and connectors to ensure that all wire connectors are connected, and that there are no loose wires around the motors.

IX. Troubleshooting Guide

Problem	Possible Cause	Solution
Vehicle was running but suddenly stopped	Tripped thermal fuse	A thermal fuse may "trip" and shut down the operation of the vehicle if the vehicle is overloaded or the driving conditions are too severe. The fuse will automatically reset itself after approximately 25 seconds, allowing the vehicle to resume normal operation. To avoid repeated automatic shutdowns, do not overload the vehicle by exceeding the 130 lbs maximum weight capacity or by towing anything behind the vehicle. Do not drive up hills or run into fixed objects, which can cause the wheels to stop spinning while power is still being supplied to the motors. If a thermal fuse continually trips. Contact the seller or Customer Service.
Short run time	Undercharged battery	Charge the battery. A new battery should have been charged for at least 12 hours before using the vehicle for the first time. After first-time use, recharge the battery for 9-10 hours after each use. Never charge the battery longer than 15 hours.
		Check all connectors. Make sure the charger connector is plugged into the battery, and that the charger is plugged into the wall.
		Make sure power flow to the wall outlet is "ON".
	Overcharged battery	There is no sure way to tell if your charger is working unless you have a volt meter. If you suspect there is a problem with your charger, contact the seller or Customer Service for diagnosis and repair.
	Battery is old and will not accept full charge	Even with proper care, a rechargeable battery does not last forever. Average battery life is 1 to 3 years depending on vehicle use and use conditions. If you are unsure, consult the seller or Customer Service.
Vehicle runs sluggishly	Battery needs charging	Be sure to charge the battery after each use.
	Battery is old and will not accept full charge	Even with proper care, a rechargeable battery does not last forever. Average battery life is 1 to 3 years depending on vehicle use and use conditions. If you are unsure, consult the seller or Customer Service.
	Vehicle is overloaded	Do not exceed the maximum load capacity of 110lbs or tow objects behind the vehicle.
	Driving conditions are too stressful	Use only on generally level ground.

IX. Troubleshooting Guide

Problem	Possible Cause	Solution
Loud clacking or grinding noise from motor gearbox	Broken gears	Contact the seller or Customer Service.
Vehicle does not respond to remote control	Remote is not paired with the vehicle	Pair the remote with the car by following the instructions.
	Batteries in the remote control have run down	Replace new batteries.
	Remote is damaged	Contact the seller or Customer Service
Charger gets warm during use	It is normal for some chargers to get warm during use	No action required. If your charger does not get warm during use, it does not mean that it is not working properly.
Vehicle can't turn right/left	The steering wheel is not connected properly	If the car can only be turned left/right by controlling the remote, but can't be turned left/right by using the steering wheel, please reinstall the steering wheel.
	The front axle or steering hook is not installed in the correct way	1. Please refer to the installation video on the product page to ensure that front wheel bracket is installed properly. 2. Make sure that the steering hook is hooked with the hole of the front wheel bracket.
	The steering motor is broken	If your car steers normally in manual mode, but won't steer when using the remote, please contact customer service to get a new steering motor for replacement.
Battery is not charging	Charger is broken	If the indicator light of the charger keeps showing red and never turns green, please contact customer service.
	Dead Battery	Please replace a charger and try to charge the car first. If the indicator light of the charger is still red after changing a new charger, which means there is a problem with the battery and needs to replace the battery.
	Charging port is broken	When the charger is plugged into the wall plug or socket, but the green light of the charger is always on (the battery is run out of power at this time), please contact customer service to get a new charging port.

For assistance, please send an Email to: **acetoy.service@gmail.com**

X. Warranty

For the original purchaser, the six-month limited warranty covers our ride-on vehicle.
This warranty covers normal use and does not cover the vehicle or battery if damaged by unreasonable use, neglect, abuse, accident, misuse, improper service or other causes not arising out of defects in material or workmanship. Evidence of any attempt at consumer repair will void this warranty.

We will be happy to correct any problems that you may have or answer any of your questions regarding the purchase of this product. Please contact us at our customer service email: **acetoy.service@gmail.com**

Criteria of product operation:
ASTM F963 CPSIA EN71 EN62115