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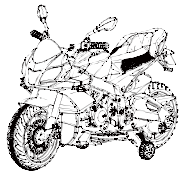
# OWNERS MANUAL
## with Assembly Instructions

CHILDREN'S ELECTRONIC TOY MOTORCYCLE



Model: AE1000
Made in China

**Read and understand this entire manual before using!**

Please keep this manual for future reference as it contains important information. Before first time use, charge the battery for at least 4-6 hours, but no more than 10 hours.

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## 01 About Your New Ride-On

**ABOUT THIS MANUAL:** This Manual was written to help you and your child get the most performance, comfort, enjoyment and safety when riding your new electric ride-on toy. It is important for you to understand your new electric ride-on toy. By reading this manual before you let your child go out on his/her first ride, you will know how to get the most from your new electric ride-on toy. It is also important that you or your child's first ride be in a controlled environment away from cars, obstacles, and other riders.

**SPECIFICATIONS:**

| | |
|---|---|
| **Battery:** | 12V4.5 AH *1 or 12V7 AH *1 |
| **Charger:** | input: depend on local voltage<br>output: DC12V500mA or DC12V1000mA |
| **Suitable age:** | 3+ years |
| **Load Capacity:** | Under 25kg |
| **Speed:** | 3-4.5 km/h |
| **Size of car:** | 118 * 53 * 70 CM |
| **Power way:** | Charging type |
| **Charge time:** | 6-12 hours |
| **Average battery life:** | 300 charges |
| **Driving motor:** | RS390-12V-16000 *2 |

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## 14 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 «Safety» |
| Vehicle needs a push to get forward | "Dead Spot" on motor | A dead spot means the electric power is not being applied to the motor in certain areas. This condition needs repair. ***Contact your distributor please.*** |
| | 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.*** |
| 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 Your Ride-On» |
| 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 this problem **Contact your distributor please.**

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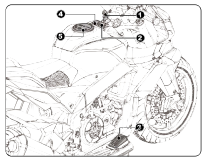
## 11 Use Your Ride-on

- **Always stop vehicle when changing the speed (if equipped) or direction to avoid damage the gears and motor.**
- **Please keep a distance from the sound source to avoid damage to hearing.**
- **Use the vehicle on generally level ground ONLY!**



1. **Power button (key start):** Turns the vehicle on and off.
2. **Forward/reverse switch:** Changes the direction that vehicle moves from forward to reverse.
   - To move the vehicle forward, shift the lever to top position.
   - To move the vehicle backward, shift the lever to down position.
3. **Foot pedal:** Applies power (speed) to the vehicle.
   - To move the car, press the pedal down.
   - To brake or slow down, release pressure from the pedal.
4. **High/low speed switch:** control the product forward in high and low speed.
5. **Music player.**

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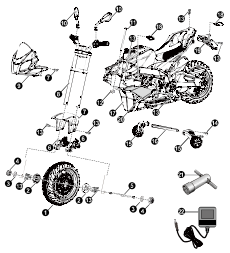
## 04 Parts Diagram



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

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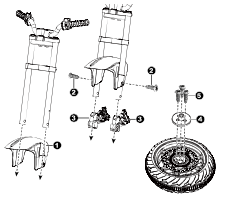
## 05 Assembly



1. Slide the front lever to the front fork.
2. Insert a Ø4x12 screw and tighten on each side.
3. Slide the two brake calipers to the front fork.
4. Fit a bushing onto the front wheel.
5. Insert three Ø4x12 screws and tighten with a screwdriver.

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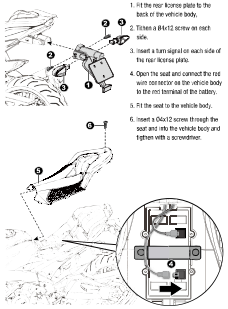
## 10 Assembly



1. Fit the rear license plate to the back of the vehicle body.
2. Tighten a Ø4x12 screw on each side.
3. Insert a turn signal on each side of the rear license plate.
4. Open the seat and connect the red wire connector on the vehicle body to the red terminal of the battery.
5. Fit the seat to the vehicle body.
6. Insert a Ø4x12 screw through the seat and into the vehicle body and tighten with a screwdriver.

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## Fuse & Maintaining

The product is equipped with a 10A self-resetting 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.

### Maintaining

- 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 each damage, the toy must not be used until that damage has 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 rarely is not being used.
- Do not wash the vehicle with a hose. Do not wash the vehicle with soap and water. Do not dries 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 riding, all the electrical source should be turn off. Turn off the power switch and disconnect the battery connection.

## 02 User Notice

### ⚠ WARNING!

- **CHOKING HAZARD** - Small parts. Not suitable for children under 36 months. The product contains small parts, keep children away when assembling.
- **ADULT ASSEMBLY REQUIRED.**
- Always remove protective material and poly bags and dispose before assembly.
- Protective equipment should be worn. Always wear gloves and sit in the seat when operating the vehicle.
- Only drive on level ground. Never use on the lawn.
- Never leave a child unattended.
- Keep your hands, hair, and clothes away from moving parts.

### ⚠ SAFETY

The following safety hazards may result in serious injury or death:
- Never leave child unattended. Direct adult supervision is required. Always keep child in sight 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 slopes, near any 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 care is required to avoid falls or collisions causing injury to the user or third parties.
- This toy is unsuitable for children under 36 months due to its maximum speed. Maximum user weight is 25kg.
- This toy has no brake.

### ⚠ BATTERY INFORMATION

- 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 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.

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## 03 Parts List

| PART NO. | PART NAME | Q'ty (pcs) | REMARKS |
|---|---|---|---|
| 1 | Front wheel | 1 | |
| 2 | Bushing | 2 | |
| 3 | Φ10 washer | 2 | |
| 4 | Lock nut | 2 | |
| 5 | Front axle | 1 | |
| 6 | Brake caliper | 2 | Left and right |
| 7 | Front fender | 1 | |
| 8 | Front fork | 1 | |
| 9 | Footguard | 1 | |
| 10 | Side screw | 3 | Left and right |
| 11 | M6x16 bolt | 1 | |
| 12 | M6 nut | 1 | |
| 13 | Φ4x12 screw | 17 | |
| 14 | Φ4x16 screw | 4 | |
| 15 | Side wheel | 2 | |
| 16 | Side wheel tube | 1 | |
| 17 | Vehicle body | 1 | |
| 18 | Turn signal | 4 | |
| 19 | Rear license plate | 1 | |
| 20 | Side guard | 2 | Left and right |
| 21 | Spanner | 2 | |
| 22 | Charger | 1 | |

**Assembly tools required (not included):**



Screwdriver

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## 12 Charging

### ⚠ WARNING!

- **ONLY an adult is allowed charge and recharge the battery!**
- **This product with Charging Protection: when charging, all functions will be cut off.**

- The POWER SWITCH must be turned in OFF position when charging.
- Before the first use, you should charge the battery for 4-6 hours. Do not recharge the battery for more than 10 hours to avoid overheating the charger.
- When the vehicle begins to run slowly, recharge the battery.
- After each use or once a month minimum recharge time is 8 to 12 hours, less than 20 hours at most.
- Use the only rechargeable battery and charger supplied with your vehicle. NEVER substitute the battery or the charger with another brand. Using another battery or charger may cause a fire or explosion.
- Do not use the battery or charger for any other product.

1. Plug the charger port into the input socket (the socket is above the foot pedal)
2. Plug the charger plug into a wall outlet. The battery will begin charging.

### Battery Disposal

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 contains lead acid electrolytes and must be disposed of properly and legally. It is deep in most areas to recycle lead acid batteries or dispose of them in landfills. Take it to a federal or state-approved lead acid battery recycler, such as local automotive battery retailer.
Do not throw the battery away with your regular household waste!



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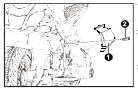
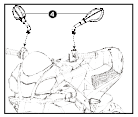
## 09 Assembly



1. Fit the body side guard to the side of the body.
2. Tighten a Ø4x12 screw and tighten. Repeat for the other side.
3. Insert the turn signal to the side of the vehicle body. Push firmly until it "click" into place. Repeat for the other side.

4. Snap the two mirrors into the holes on the handlebar and press down firmly until they are "click" into place.



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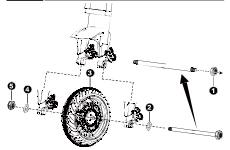
## 06 Assembly



1. Tighten a lock nut to the end of the front axle with a spanner.
2. Slide a Ø10 washer to the front axle.
3. Insert the front axle through the hole on one side of the front fork, then through the hole in the center of the front wheel, and continue to push the front axle through the hole on the other side of the fork.
4. Slide a Ø10 washer to the front axle.
5. Use a spanner to tighten the lock nut into the front axle. Tip: Use two spanners to tighten the lock nuts on both sides of the front axle at the same time, but do not overtighten them, to ensure that the front wheel can rotate freely.



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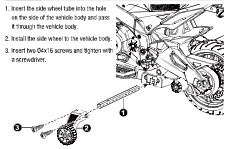
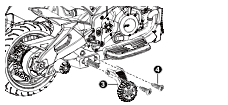
## 07 Assembly

1. Insert the side wheel tube into the hole on the side of the vehicle body and pass it through the vehicle body.
2. Install the side wheel to the vehicle body.
3. Insert two Ø4x16 screws and tighten with a screwdriver.

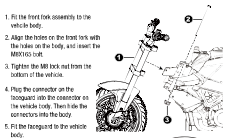


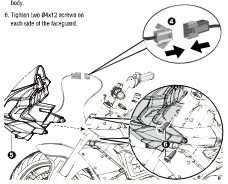


4. Install another side wheel to the other side of the body.
5. Align the screw holes on the side wheel with the screw posts on the body, and insert two Ø4x16 screws and tighten with a screwdriver.

## 08 Assembly

1. Fit the front fork assembly to the vehicle body.
2. Align the holes on the front fork with the holes on the body, and insert the M6X16 bolt.
3. Tighten the M6 lock nut from the bottom of the vehicle.
4. Plug the connector on the footguard into the connector on the vehicle body. Then hide the connectors into the body.
5. Fit the footguard to the vehicle body.
6. Tighten two Ø4x12 screws on each side of the footguard.





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