



RUBIC XP

Instruction Manual



Note: please read this handbook carefully before riding for the first time! It contains important safety information.

Contact us for any questions at venomtransporters@gmail.com or go to venomelectric.net

Please go to venomelectric.net/warranty-registration to register your warranty for future claims. Invoice/Receipt will also be suitable for any warranty claims.

The manual describes the safety and maintenance information of product. Please read the relevant warnings carefully before using this product, or it may cause injury or death.

Please keep this manual in safe place. Any rider should read it. When the product is transferred. The manual should be handed over to new owner.

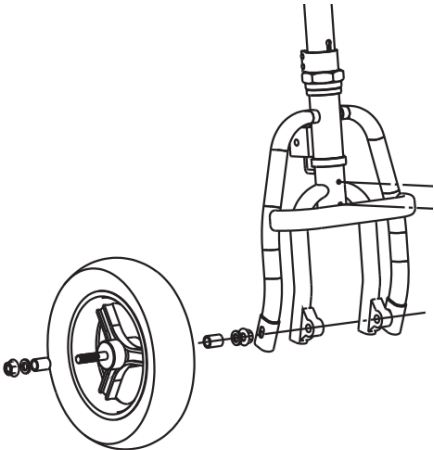
All the information, images and descriptions in this manual are made according to the latest product. There are probably some differences in the manual due to product improvement or changes of production method. Venom Transporters Inc. Reserves the right at any time to make changes to the product without notice and no obligation to make same or similar changes for the products manufactured or sold previously.

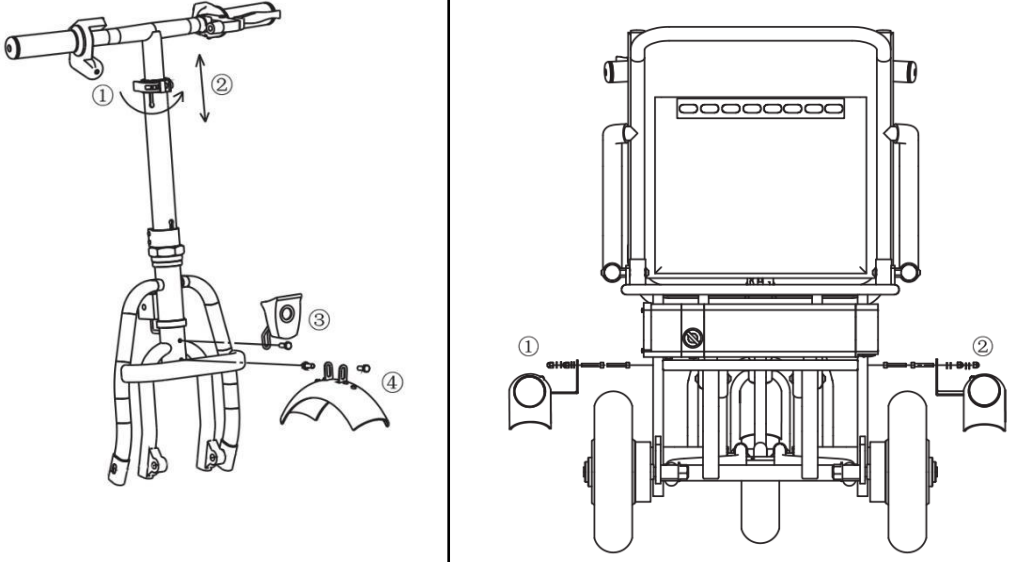
This product cannot run on public or main roads, because this is dangerous and violates local traffic regulations, be sure to wear a helmet, goggle and protective clothing while riding.

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1. Install

1. Insert one space sleeve and axel into fork.	2. Put tyre into the middle of fork.
3. Put one spacer sleeve in the other side of tyre.	4. Insert whole front axel through the fork
5. Put one spacer in each side and fix nuts.	
	
Notice: Ensure there is one spacer sleeve in each side of tire.	
When you put the space sleeve, the fork distance is a little short, just need to pull out the fork and push the space sleeve. or fork is slightly off, they just need to push the axle down to feed it through the hole.	

1. Open the quick release, adjust up and down and close.	2. Install the headlight and mudguard.
	

How to Open

How to Close

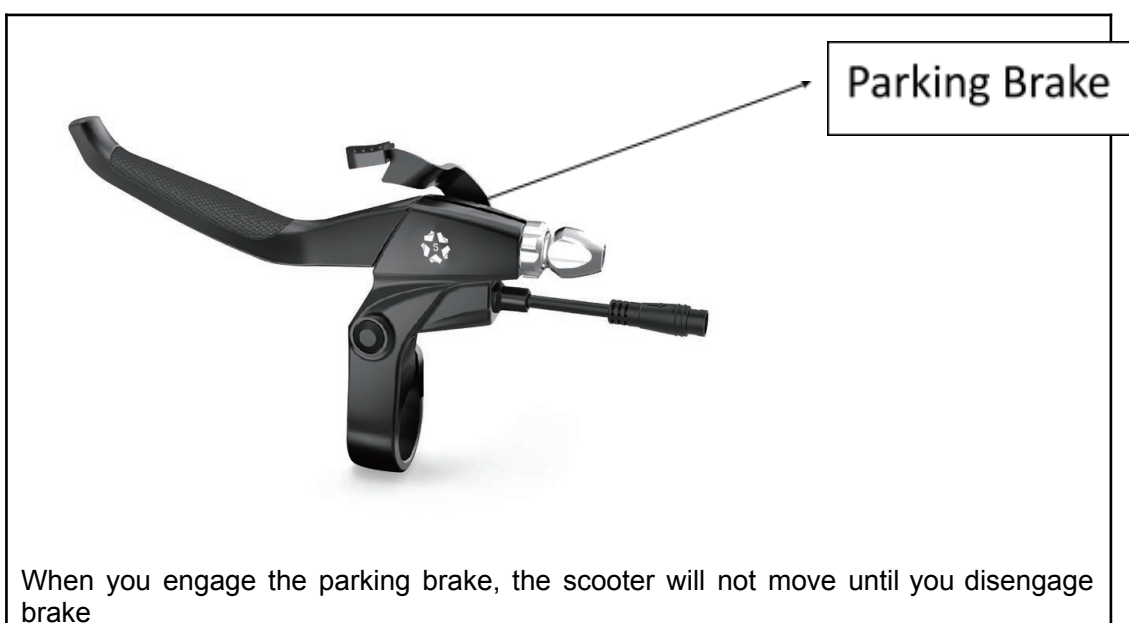
1. Lift the cushion/seat up (as pictured below)	1. Tilt the body back 2. Push handlebar forward (as pictured below)	3. Press the seat down (as pictured below)

Switch:

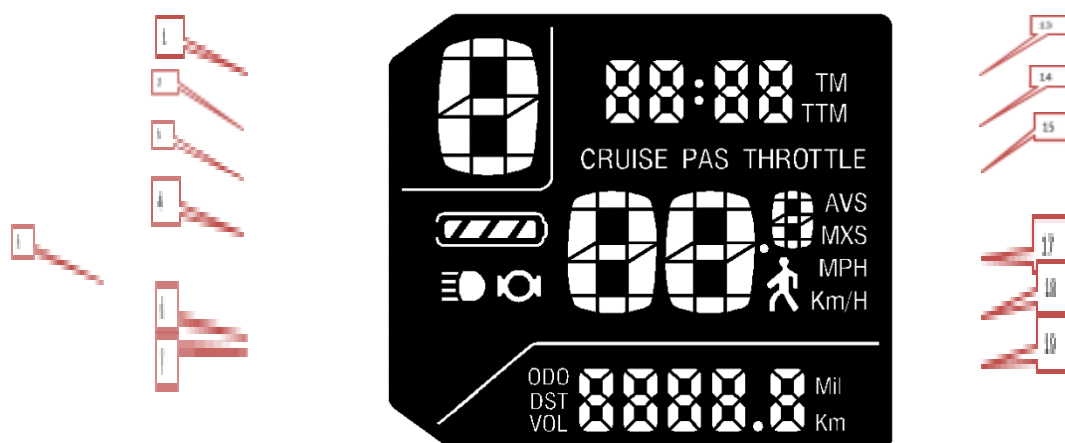
ON	Turn on the front & right light	◀	Turn on left turn signal
OFF	Turn on the front & right light	▶	Turn on right turn signal
◀	Turn on Emergency Flashers		Turn on the horn



Brake:



Display



1	ASSIST	Speed shift	10	THROTTLE	Throttle
2		Battery	11	TM	Single time
3		Brake	12	TTM	Total time
4		Light	13	AVS	Single average speed
5	ODO	Total Distance	14	MXS	Single max. speed
6	DST	Single Distance	15	MPH	Mile per hour
7	VOL	Voltage	17	Km/H	Kilometers per hour
8	CRUISE	CRUISE	18	Mil	Mile
9	PAS	Assistance	19	Km	Kilometers

1. ODO, DST, VOL

When the scooter is on, shortly press  to show ODO, DST, VOL display.

2. Parameter set

When the scooter is on, hold  and  for two seconds, you can set the program below:

P01: Display brightness setup, 1. low, 2. medium, 3. high

P02: Unit of Distance and speed, 0: KM; 1: MILE.

P03: Voltage: 24V, 36V, 48V

P04: Dormancy time: 0 is never dormant, other is dormancy time 1-60 minutes

P06: Tire diameter, unit: inch; degree of accuracy: 0.1;

P07: Test the number of Permanent magnets (1-100)

P09: 0: start when you press thumb throttle,

1: start after press thumb throttle and slide with foot for some distance

P16: Press  for five seconds to clear ODO and TTM

P17: CRUISE setup, 0: NO, 1: Yes.

How to turn on the scooter

1. Plug the battery cable into the side of the battery box.



2. Insert battery key into battery keyhole.
3. Turn to the Right to the ON position.



How to turn off battery

4. Hold  (middle **ON** button) for 3 seconds until the display is on

5. Push  button to change the speed
Push  button to reverse.

1. Hold  (Middle **ON** button) for 3 seconds



How to adjust brakes



Tighten the screw by turning to the right, the to make the brakes tighter
Loosen the screw by turning to the left, to make the brakes will be looser.

How to remove the battery and charge the battery

Push the key and turn the key to the left to the UNLOCK position	Flip up the handle of battery, here you will Locate the charging port.
When the charger light goes from red to green, the battery is fully charged.	



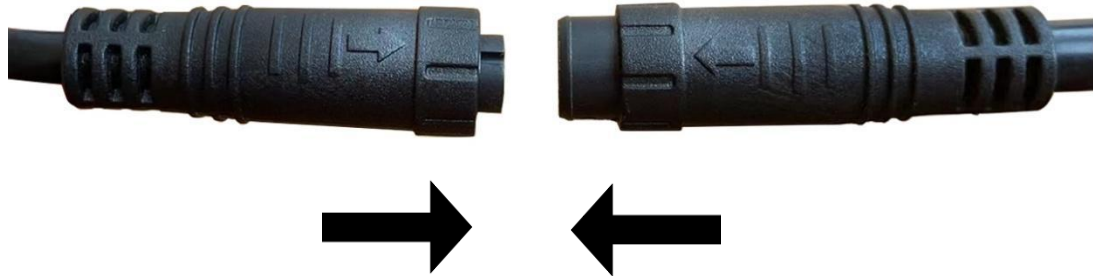
Error Codes

Code	Problem
E01	Motor problem
E02	Throttle problem
E03	Controller problem
E05	Controller is less voltage
E06	Throttle cannot receive the signal from controller
E07	Controller cannot receive the signal from throttle

When the scooter display Error, please unplug every round connector on the scooter.

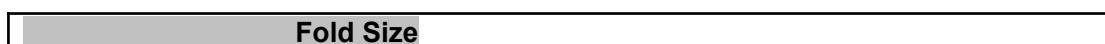
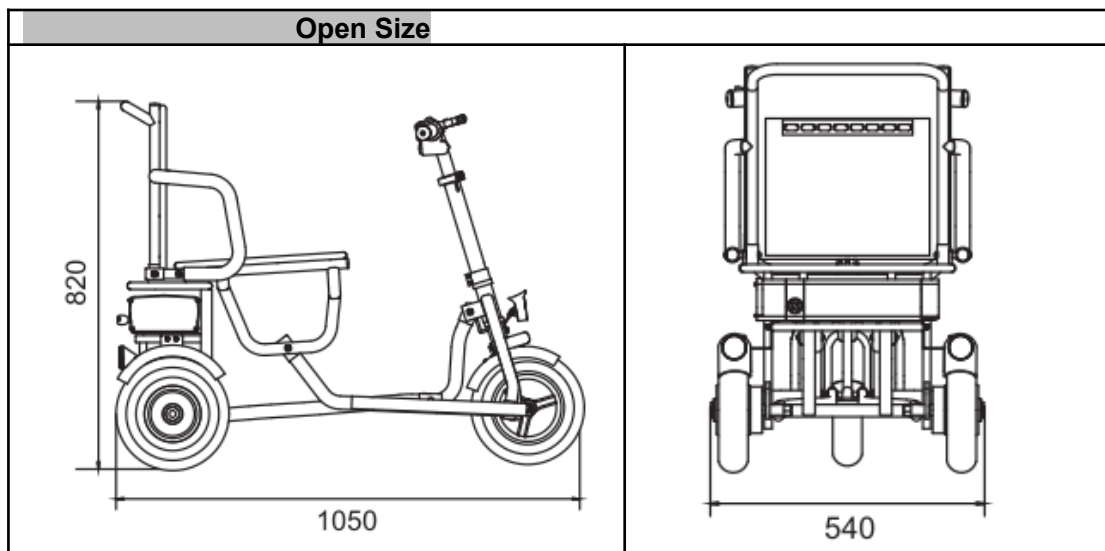
How to connect wires

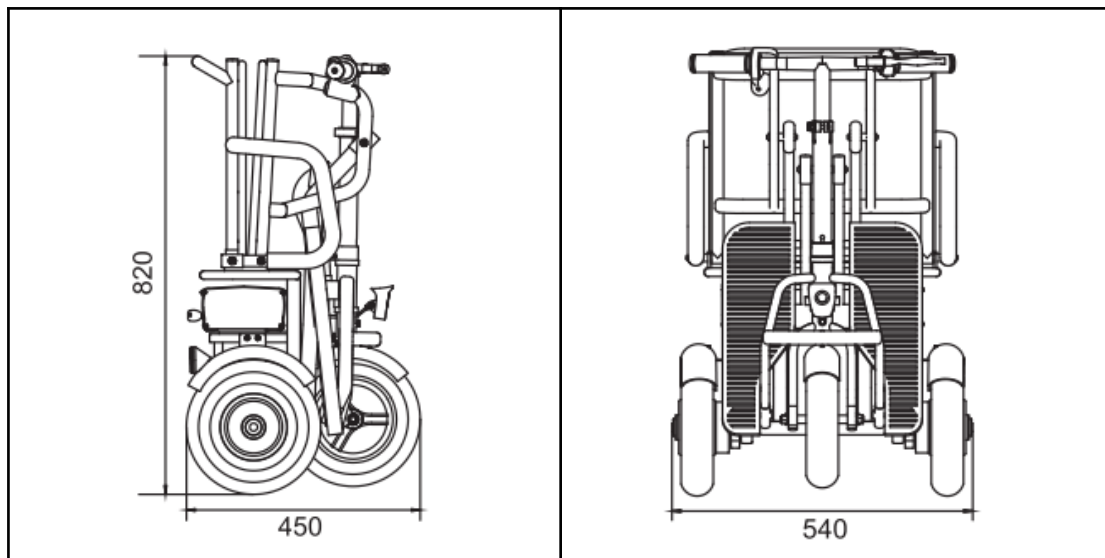
Find the arrow to connect the wire.



Make sure the metal pins are not bent, then plug back in.
Make sure all wires are fully connected, it can be hard connect if arrows and pins are not lined up properly.

Dimensions of the Rubic Scooter





Opened Dimensions

820mm x 1050mm x 540mm is equal to 32.3 inches x 41.3 inches x 21.26 inches

Folded Dimensions

820mm x 450mm x 540mm is equal to 32.3 inches x 17.7 inches x 21.26 inches

Battery Care Instructions

1. Regular Care:

- a. **Clean Your Scooter:** Regularly clean your scooter and battery to prevent dirt and debris from accumulating, which can cause damage or affect heat dissipation.
- b. **Check for Damage:** Inspect the battery, connectors, and cables for any signs of damage or wear. If you notice any issues, consult the manufacturer or a qualified technician for repairs.

2. Charging:

- a. **Use the Right Charger:** Always use the charger that came with your scooter and battery. Avoid using third-party chargers, as they may not be compatible or safe.
- b. **Charge at Room Temperature:** Charge the battery in a location with a temperature range specified by the manufacturer. Extreme temperatures can affect battery performance.
- c. **Monitor Charging:** Do not overcharge the battery. Most batteries will automatically stop charging when they're fully charged, but it's a good practice to unplug the charger once it's complete.
- d. **Avoid Deep Discharges:** Try to avoid completely depleting the battery. Recharge it before it reaches a very low state of charge, as deep discharges can shorten the battery's lifespan.

3. Storage:

- a. **Store at Partial Charge:** If you're not using your scooter for an extended period, store the battery with a partial charge (typically around 50-70%). Avoid storing it fully charged or completely depleted.
- b. **Cool and Dry Place:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. Ideal storage temperature may vary by battery type, so refer to the manufacturer's recommendations.
- c. **Regular Checkups:** If your scooter will be stored for an extended time, periodically check the battery charge level and top it up if it's below the recommended storage

charge.

4. Safety Precautions:

- a. **Use a Surge Protector:** When charging, plug the charger into a surge protector to safeguard against power surges.
- b. **Keep Battery Dry:** Protect the battery from moisture or water. Do not immerse it in water, and if you ride in the rain, ensure that the battery compartment is waterproof.

In order to ensure that your Rubic Scooter can be used efficiently and effectively,
please check and maintain your scooter according to the following
requirements before using.

1. Check whether the battery is full of electricity to ensure that all kinds of cables are properly connected.
2. Check whether the brake system is sensitive and effective.
3. Check whether the tire pressure is normal
4. Before driving, please correct the front wheel and tighten the fastening handle.
5. The handlebar and the moving clearance of each part, should be inspected, fastened and lubricated irregularly.

Instructions for safe driving

In order to ensure that you can use the Rubic scooter safely, please be sure to follow the the guidelines below for proper operation:

★ Before driving for the first time, be sure to do driving exercises in an open area. Only drive on the road after mastering acceleration, deceleration, braking, honking and other performances.

★ Follow traffic/sidewalk/indoor Rules for scooters and maintain moderate speed; Driving at top speeds will increase power consumption, reduce range, and put your safety at risk.

★ When driving in a crowded indoor environment, such as a supermarket, you must keep a low speed to control the braking distance. When turning, the speed must not exceed 2mph.

★ It should not be used on rainy days, and puddles should be avoided. When wading through puddles, the wading depth should not exceed a half inch and the speed should not exceed 2mph.

★ With the power switch key, in the non-driving state, the power switch must be closed

and the key pulled out, to prevent children and others from operating.

Troubleshooting

Malfunction	Reason	Solution
Adjuster shifter out of order or Significant reduction of maximum speed	1. battery cable is loose 2. Power Shortage 2. Spring failure of Adjuster shifter in brake	1. Tighten the battery cable 2. Fully recharge the battery 2. Change the spring or shifter
Charger cannot be charged normally	1. Power line damaged or socket off 2. Charger fuse blown 3. The battery terminal is disconnected	1. Repair the power cord or tighten the socket. 3. Replace fuse of the same model 4. Plug in all the connections
Charging is normal, but driving mileage is not enough	1. Tire pressure is insufficient or brake disc adjustment is too tight. 2. Long time driving at high speed or travel uphill, adverse wind, frequent braking, or added weight 3. Battery life is older or damaged.	1. Properly inflate tires; Adjust the tightness of brake cable properly 3. Avoid long and high speed driving and frequent Braking, it is normal for Power consumption to Increase in uphill and up Wind conditions.
Drive motor doesn't work properly	1. Loose or detached connection of battery, motor, controller and other cables 2. Dirt, debris, or water has caused damaged to motor or controller	1. Check the battery, motor, controller and other cables, and reconnect firmly 2. Keep the controller, motor, and control shifter clean

Battery, charger, motor, controller and control shifter shall be repaired by professional technicians or after-sales maintenance units.

Warranty

We warrant against possible manufacturing defects providing the following conditions are satisfied:

- Product is completely and correctly assembled

- Product is used under normal condition for its intended purpose
- Product receives all necessary maintenance and adjustments
- Product is used for general transportation or recreational use only

What is covered with our Warranty;

1 Year Warranty on Frame

1 Year Warranty on Motor

1 Year Warranty on Battery

1 Year Warranty on Display

1 Year Warranty on Controller

1 Year Warranty on Headlight

What is not covered by this Limited Warranty:

- When the scooter is used negligently or results in damage due to traffic accident.
- If your scooter does not reach the factory estimated distance advertised, and which can vary depending on how you use the scooter, terrain, and the total weight carried, this is not covered under warranty.
- All batteries will and do lose capacity over time, capacity loss is not covered under warranty. (If the battery unit is used incorrectly or seal tampered with, this will void your battery warranty). Others that is not covered under warranty for battery are; If you have not charged your battery regularly, left your battery sitting unused for over more than 3 months, If you damaged your charger or battery by incorrect use.
- When your battery starts to lose capacity, and runs for less distance, this is not covered under warranty.
- Damage due to normal wear and tear and maintenance. Parts that are not covered under warranty for normal wear and tear include; tires, tubes, brakes, and wiring.
- Rust and corrosion on the scooter is not covered under warranty.
- Damage due to external causes will not be covered under warranty.
- Any minor scratches, marks or imperfections will not be covered.

Warranty will be voided if the product is ever:

- Used in any competitive sport
- Modified in any way, includes but not limited to: modifications to the scooter, components, electrical components
- Misused, abuse or neglect
- Rented for commercial use, sold or given away

Traveling on airlines

Our batteries are longer range at 10ah to 15ah and have more watt hours than an airline approves. To fly on an airline, you must use a smaller battery of 6ah or less or than 300 watts. Contact us if you need to purchase an airline approved battery. If in stock the battery cost is \$200 without shipping calculated. Contact your seller if you are able to pick it up in person. We also offer airline battery rental at a cost of \$40 for up to 3 weeks, just leave us your battery as collateral. Please contact us for availability.

The 6 Amp Hour version of the battery may meet some Airline travel requirements that accept batteries under 300 watt hours. Please confirm with your Airlines before purchasing or renting. Some airlines may not accept lithium ion batteries above 100 watts.

Airline approved battery - 48v 6Ah (288 watts)

Note: Batteries must be shipped via Fed Ex ground shipping.

Contact us at Venomtransporters@gmail.com

Or go to venomelectric.net

To register your warranty, go to venomelectric.net/warranty-registration

Or go to the bottom of the webpage of our website and select warranty registration.

This is to keep track of your purchase date and ensure you are covered under warranty in case you misplace your invoice/receipt.