

Read Declaration

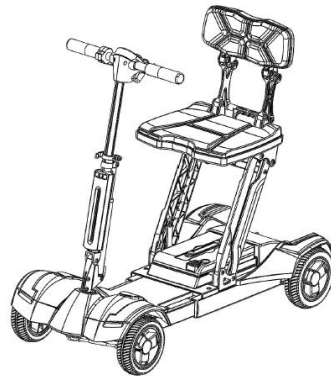
Before using the travel version scooter for the first time, please read this manual scootefully, understand and understand the specific meanings stated in each section of the manual. Do not perform exploratory operations without understanding, otherwise it may cause unnecessary harm to your body or your scooter. If you have any unclear points or other requirements, please contact the local distributor of Wisking or contact the headquarters.

The safe use of your Wisking products depends on whether you strictly follow the warnings, precautions, and operating instructions in this manual; It depends on the distributor, nursing staff, professional scootere, and your judgment and common sense. Wisking shall not be responsible for any personal injury or vehicle damage caused by non-compliance with warnings, precautions, and operating instructions.

The following prompts and instructions run through the entire user manual. It is very important that you scootefully read and deeply understand them. This will directly affect whether you can safely use the travel version scooter in the future.



4050



4051

Prompt description:

Warning! Failure to pay attention to the warnings in the manual may result in damage and personal injury to the travel version of the ride.

Attention! Remind users of the precautions that should be taken. Failure to pay attention to these precautions may cause damage to your travel version of the scooter.

Prompt! Remind users of possible phenomena during operation, so that they can quickly grasp the operating skills of the travel version of the scooter.



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Brief

Thank you very much for choosing our travel version of the scooter. By choosing the Wisking, we express your great trust in our product. We are deeply honored by this and sincerely hope that our product can bring joy and joy to your life. In the future, we will wholeheartedly provide you with the highest quality service.

The travel version of the scooter is another new product developed by Wisking, with a focus on small size, aesthetics, and flexible operation. Its ease of use, flexibility, and convenience will definitely make you love it. The product integrates the latest technological level and modern style. We believe that our design philosophy and intelligent operation methods will bring a lot of convenience to your daily life.

Your safety is the most important. Before operating the travel version scooter for the first time, please carefully read the operating instructions in this manual and strictly follow them. These precautions are purely for your personal benefit. Understanding the precautions is the most basic guarantee for safe operation of the travel version scooter.

Wisking is not responsible for any property or personal injury caused by the unsafe use of the travel version scooter; Wisking is not responsible for any property or personal injury caused by not following the instructions or recommended practices in this manual, as well as any other requirements related to electric scooters or the requirements contained in the travel version of the scooter itself.

As of its publication, this manual has compiled the latest technical specifications and product information, and our company reserves the right to modify this manual. Any changes to our product may have subtle differences from the illustrations, explanations, and products you have already purchased in this manual. If you encounter any problems that cannot be solved by yourself in the safe operation of the travel version scooter, or if you believe that safe operation cannot be carried out according to the instructions or recommended methods provided in this manual, you can seek assistance from an authorized dealer of Wisking.

If you have any suggestions or requirements, please contact us by phone, fax, online message, etc. We appreciate your suggestions very much. We will continuously improve product quality and strengthen after-sales service work, so that we can get to know each other through mutual communication. Wisking will be your forever friend.

Please contact us at the following address: :

Company name:	Shanghai Wisking Electric Machine Co., Ltd.		
Address:	No.168, Pinggang road, Fengxian district, Shanghai		
	TEL:	400-656-9018	FAX: 021-57142005
	Mail:	w5668@126.com	
Website:	www.wisking.com.cn		

Product Structure and Operation

Overall structure

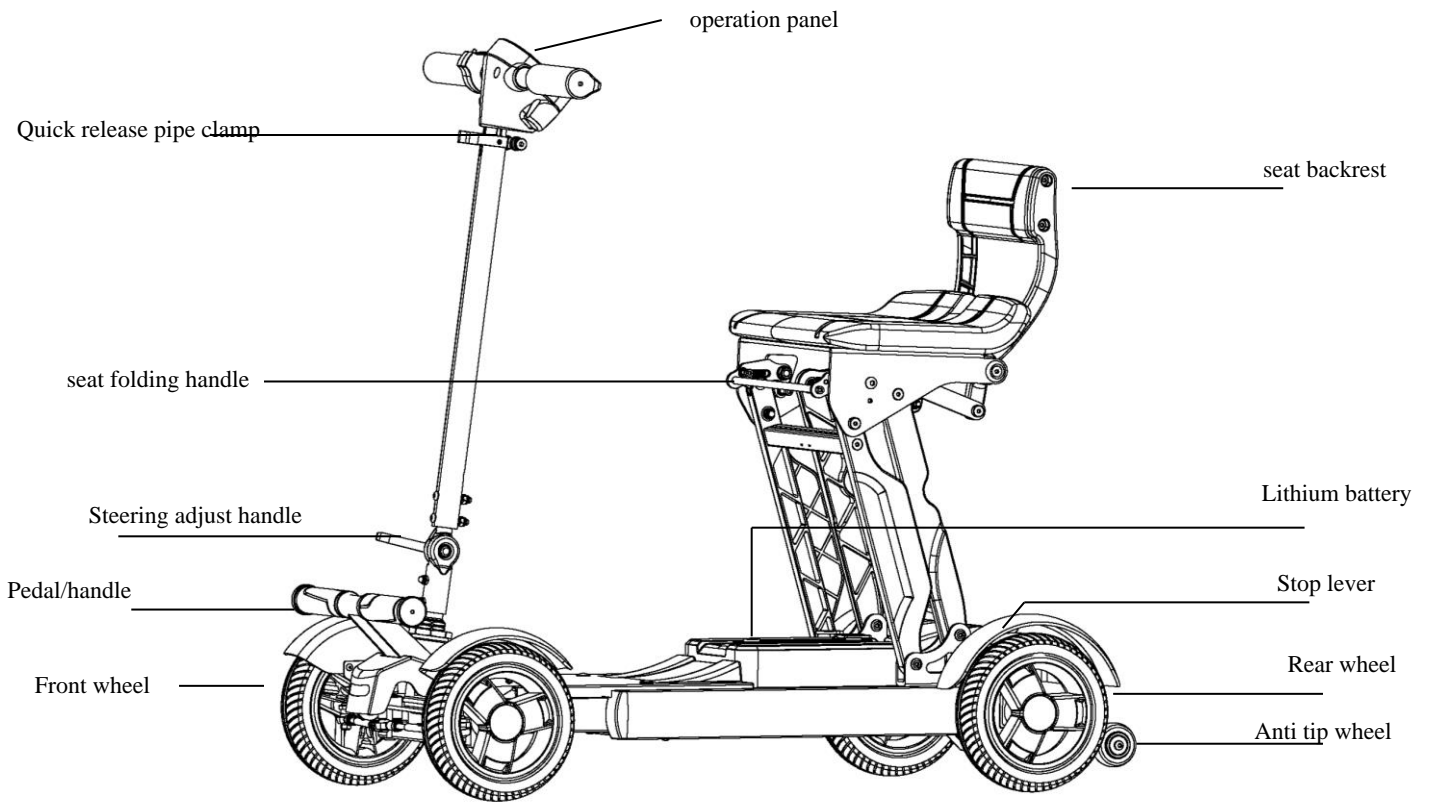


Figure 1 Vehicle

Product Structure and Operation

Technical Parameter

Model	4050	4051
Deployment size	87×45×107cm	105×45×97cm
Folding size	87×45×31cm	85×45×33cm
Steering height	107cm/ 85cm	97CM/72CM
Seat height above ground	52cm	55cm
Ground clearance	7cm	5.5cm
Vibration system	No	Front: Yes Rear: No
Tyre	7" solid tyre	7" solid tyre
Net weight including battery	21.5kg	23kg
Controller	Intelligent AI controller	
Max. Load capacity:	100kg	
Brake system:	Intelligent braking	
Motor power:	24V/250W Efficient and energy-saving brushless motor	
Max. speed:	6km/h	
Lithium battery information:	24V/10AH (20AH optional)	
Travel range:	Approximately 15 or 30 kilometers (depending on road conditions and driving conditions)	
Climbing capacity:	8-12 degree	
Charging method:	External charger 24V/2A	
Charging time:	6-8hours	

With market demand and technological progress, your travel version of the scooter may have some differences in performance parameters from the above. Wisking Company reserves the right to not notify customers of changes in appearance and structure caused by technological changes. If you want to learn about the latest models or improvements, please call Wisking Company, or send an email or visit the internet.

Product Structure and Operation

Operate the travel version of the scooter

1. Understand the operation panel

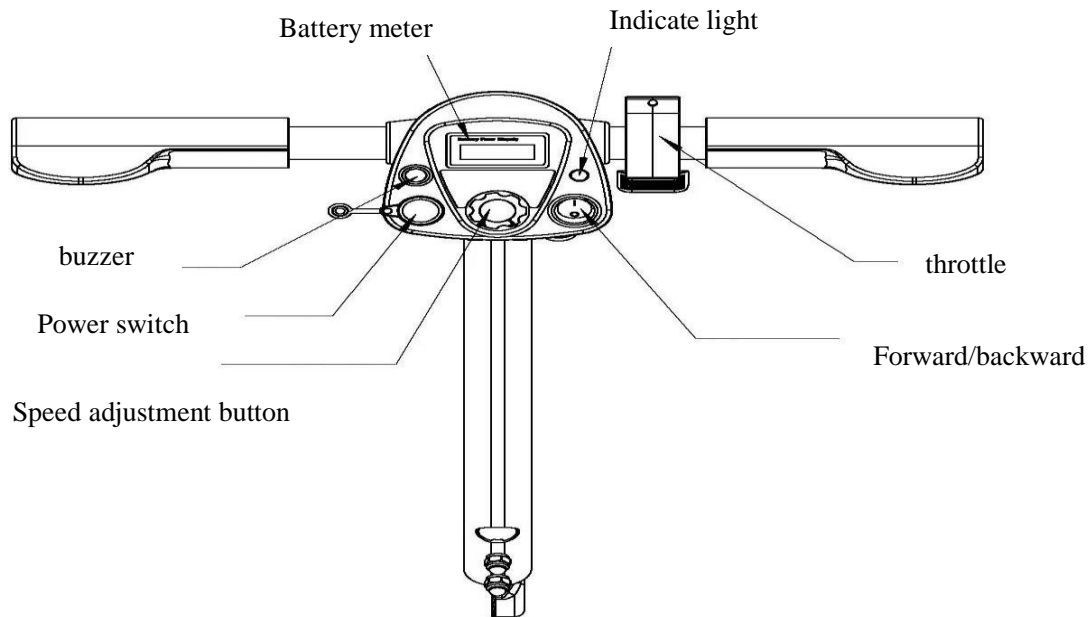


Figure 2 operation panel

(1) Power switch.

The power switch of the entire courtesy scooter.

Reminder! The key must be fully inserted into the keyhole to ensure that poor contact is not caused by vibration midway.

(2) Adjust the speed delivery knob.

Rotate to the left to slow down;

Rotate to the right for acceleration;

If the speed is adjusted too slowly, the travel version of the scooter may not move forward while holding down the control lever. At this point, you only need to adjust the speed faster to solve the problem, because this is because the lowest speed indicator is set to zero from a safety perspective to meet the needs of most users at the factory.

(3) Buzzer button (horn button).

The key must be fully embedded and the power supply must be turned on before the horn can be turned on;

This button is used for warning sounds;

When encountering pedestrians, vehicles, and other life obstacles, it is necessary to honk the horn in a timely manner to avoid accidents;

If there is a circuit malfunction, sometimes it will emit a sound to remind the user of the existence of the malfunction.

Reminder! When the stop lever is in manual mode, the horn will also sound a warning sound when the travel version of the scooter is activated.

(4) Power display meter.

Used to indicate the battery level of the courtesy scooter and prompt error reports.

(5) Forward/backward switch.

Press up to move forward, press down to reverse.

Product Structure and Operation

(6) Indicator light.

Flashing condition: Alarm when the courtesy scooter malfunctions, see (V) Controller troubleshooting.

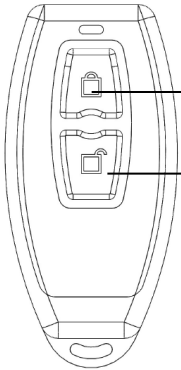
Normally on condition: When the faucet is retracted to the lowest position, it lights up and can be remotely folded/unfolded, prohibiting driving. (Especially referring to 4051)

Long extinction condition: normal condition.

(7) Fingering.

Press and hold the finger down to move forward/reverse, and the speed will increase depending on the depth of the press.

2. Understanding Remote Control (4051 Configuration Remote Control)



Press and hold this button to automatically fold the scooter

Press and hold this button to automatically deploy the scooter



Attention! Before folding/unfolding your travel version scooter, please adjust the faucet to the lowest position. After adjusting to the lowest position, the indicator light on the faucet panel will light up to use the automatic folding/unfolding function, otherwise it will be invalid.

3 Stop lever

Manual mode

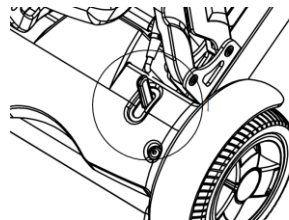


Figure 4 Stop lever



Warning! Before placing your travel version of the scooter in manual mode, please remove the key first. When in manual mode, please do not sit on your travel version of the scooter, otherwise there may be danger. Wisking Company is not responsible for personal safety or accidents caused by violation of the operation.

When there is insufficient power or when manual pushing is required, the power can be turned off and the stop lever can be set to manual mode. Using manual pushing, the stop lever can be pushed to the back position.

Electric mode

When you need an electric powered travel version scooter, be sure to push the stop lever to the electric mode and push the electric lever to the rear position.

Reminder! Before starting, make sure to push the stop lever of the travel version scooter into electric mode, otherwise the system will prompt and sound an alarm. If using human power to drive the travel version scooter

Product Structure and Operation

forward, to push the stop lever to manual mode, please slowly push and make sure it is on a level road surface.

Do not push the scooter on a sloping surface.



Warning! Please do not attempt to adjust the stop lever to manual mode while in the scooter, as it may cause unexpected personal injury.

Warning! After the key is closed and removed, it can only be adjusted to manual mode on flat ground

4. Preparation before driving

(1) Inspection work

Have you charged it yet?

Is the stop lever of the motor in electric mode?

Check if the tires have sufficient gas? (relative to pneumatic tires)

Check if the battery box is properly placed?

Check if all wiring harnesses are in good condition.



Attention! Failure to tighten the screws or check their firmness and insertion may result in unnecessary personal injury.

Reminder! When the power is turned on, the travel version scooter is in manual mode, and the controller will sound an alarm. If the mobile mode is turned on, the alarm will still sound. Therefore, you need to turn off the power, wait for more than 5 seconds, and then turn on the power switch.

(2) Precautions for boarding

1. Confirm that the power key is removed from the socket.

2. Stand on the side of the travel version scooter.

3. Manually press down on the seat and confirm again that the seat is in a safe locked state.

4. Be careful when getting on the scooter seat.

5. Confirm that your feet are safely placed on the pedals.



Warning! Please confirm that the key is removed before boarding or disembarking from the travel version of the ride.

Warning! Please confirm that the key is removed before boarding or disembarking from the travel version of the ride.

(3) Adjustment and verification before driving

Are you sitting safely and comfortably in the car?

Is the seat height appropriate?

Is the key fully inserted into the keyhole?

Product Structure and Operation

Are there any obstacles like pedestrians or pets in front of the road?

(4) Before formal driving

After designing the driving route.

Adjust the speed to the ideal state;

Press the "forward/reverse conversion button" upwards to drive forward;

Press the "forward/reverse conversion button" downwards to drive backwards;

After releasing the finger, the travel version scooter will automatically slow down and eventually stop.

(5) Get off the scooter

1. Place the travel version of the scooter in a completely stationary state;
2. Turn off the power by removing the key;
3. Get out of the scooter carefully.

Driving a travel version scooter

- (1) Drive mode: Push the stop lever backward to the electric mode, as shown in "3. Stop lever" in this section;
- (2) Start the travel version scooter: Insert the key into the keyhole as shown in Figure 2;
- (3) Forward: Press upwards, as shown in Figure 2, the "Forward/Reverse Conversion Button";
- (4) Backward: Press down, as shown in Figure 2, the "Forward/Reverse Conversion Button";
- (5) Speed adjustment: Rotate the knob as shown in Figure 2, clockwise to the right to increase speed, counterclockwise to the left to decrease speed;
- (6) Activate the horn: press down on Figure 2. Horn button;
- (7) Turn off the travel version scooter: Remove the key and the indicator light will turn off;

Check battery level and charging

The battery level displays a total of 5 rows of lights. When the battery is fully charged, it displays 100%. As the battery level decreases, it will turn off in sequence. When the row lights flash, they must be immediately charged, and it is strictly prohibited to ride a substitute bike.

Reminder! In general, if you drive the car for a certain distance and come back, you can charge it, whether the battery is used up or not. Our charger will charge the battery to its full capacity and then automatically stop.



Warning! We must use the charger we provide to charge the battery, and it is prohibited to use car type battery chargers.

Warning! Please charge according to the time specified in the manual, and the voltage of the charger and battery should match.

Warning! Do not charge at night, as charging at night can easily overload the battery and cause a fire.

Warning! Do not charge indoors, and it is strictly prohibited to charge without anyone watching.

Product Structure and Operation

Preparing to charge:

1. Place the travel version of the scooter near the power source;
2. Turn off the power supply of the travel version scooter and remove the key;
3. Ensure that the travel version of the scooter is in an electric state;
4. Unplug the power cord connecting the battery box as shown in Figure 5-1 to expose the charging port;
5. Connect the A end of the charger as shown in Figure 5-2 to the charging hole of the travel version scooter battery, and connect the B end of the charger to the 110 V or 220 V power interface. (220V power supply is used in China. If you want to use it in a 110V country, please call Wisking Company to change the plug type and charger type to ensure compliance with the power and safety standards of that country or region.).

Reminder! During the charging process, the indicator light on the charger will alternately flash, and when the indicator light turns green and does not move, it indicates that the battery is also fully charged



Warning! Don't try to buy modified batteries/inferior batteries at a low price. These batteries are reassembled with batteries that have exceeded their lifespan and carry safety hazards.

Warning! Do not use inferior batteries, do not connect batteries in series or parallel without the guidance of the manufacturer, and use non compliant wires and connectors.

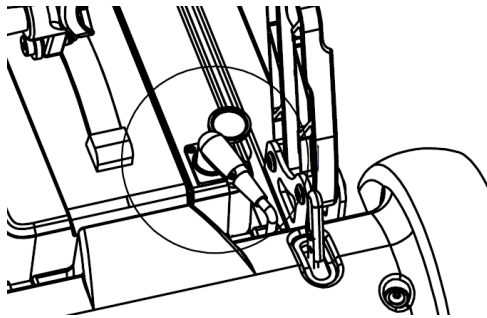


Figure 5-1 Charging port

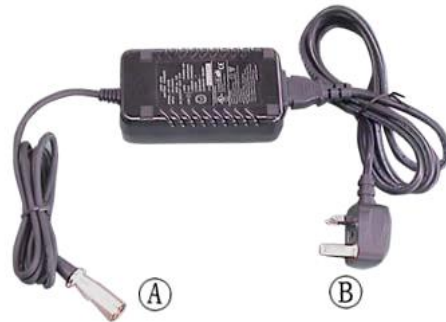


Figure 5-2. Charger

Reminder! When your car has been repeatedly charged more than 900 times, or you feel that the range has significantly decreased, if it exceeds the warranty period of six months, please call Wisking Company, and we will replace the battery for you at a lower price.

Controller troubleshooting

The design of the travel version scooter controller places user safety first. It has a system self check function that runs 100 times per second. If a problem is found in its own circuit or in the power system of a ride, it will determine whether to stop the ride based on the severity of the problem, and the design of the controller will ensure the safety of the user as much as possible. The following table displays error signal codes, which are represented by rapidly flashing lights.

Number of flashes	Diagnosis	Solution
1	Short-circuit fault	Check the power cord
2	Instantaneous current fault	Battery related issues
3	Long term current fault	Battery related issues
4	locked rotor	Exceeding design load, normal protection function
5	Charging suppression	Protection function during charging, unplug the charger and restart the power supply to use
6	Phase deficiency	Check the motor phase line
7	Brake failure	Check the position of the brake lever or the brake itself
8	None	
9	None	
10	None	
11	Hall fault	Check Hall
12	Throttle fault	Check throttle
13	None	
14	Over voltage fault	Battery related issues
15	Under voltage fault	Battery related issues
16	Phase sequence Hall direction mismatch	Check the Hall wire sequence

Steering height adjustment

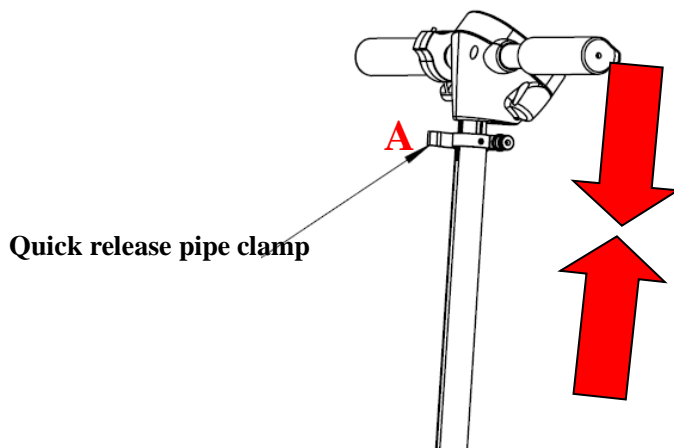


Figure 6. Steering height adjustment

1. Pull the arrow shown in Part A of Figure 6 to quickly remove the pipe clamp, and then pull the faucet handle up and down to adjust the height;
2. Adjust to the appropriate position and clip the quick release pipe clamp back into its original position;

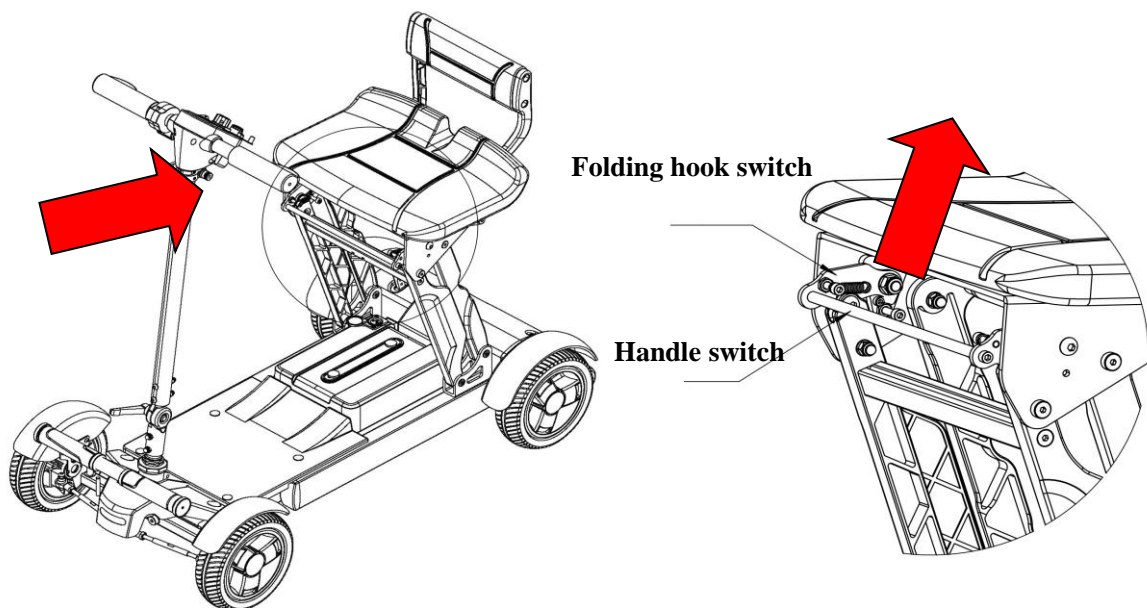


Warning! After adjusting the height, it is important to reposition the quick release pipe clamp and check if it is tightened, otherwise unexpected personal injury may occur.

Folding and unfolding of 4050

1, 4050 folding

Press and hold the switch handle shown by the arrow, pull up to unlock and then press down to fold the

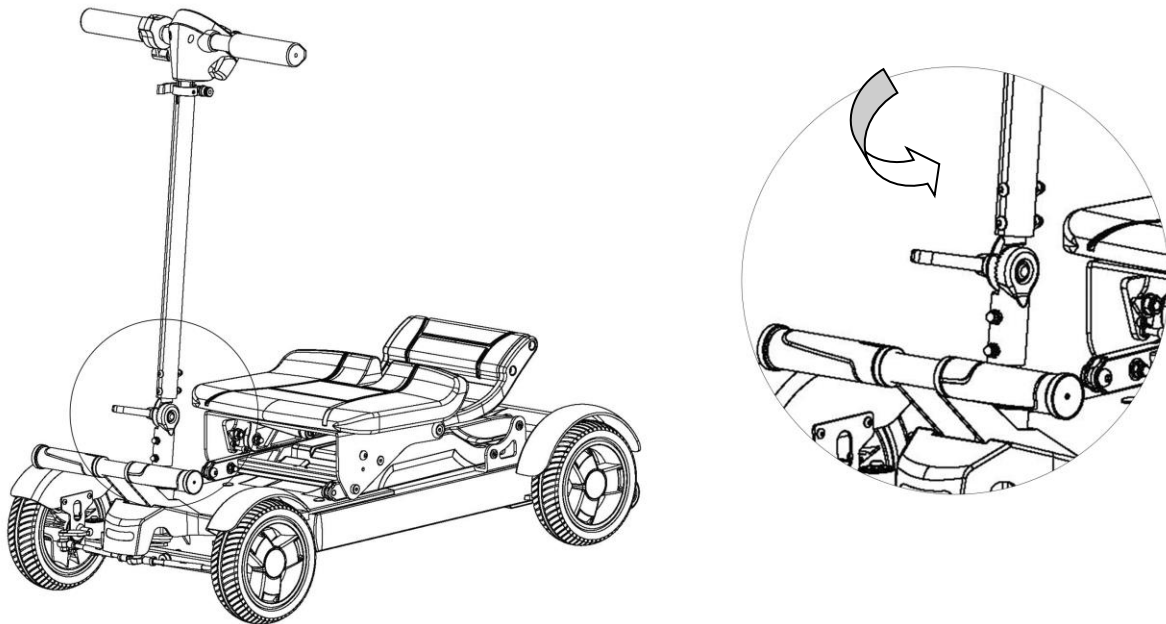


seat.

Figure 7. Seat height adjustment

Adjusting various components of the travel version scooter

Rotate the faucet adjustment handle counterclockwise, loosen it, and then press the faucet handle down towards the seat to complete the folding of the scooter.



2. Deployment of 4050

With one hand, pull up the faucet handle to the appropriate position, and with the other hand, tighten the faucet adjustment handle clockwise, then forcefully pull up the seat to use it.



Warning! Please make sure to pull up the seat and then press down firmly to check if the seat is securely fastened, otherwise it may cause unexpected personal injury.

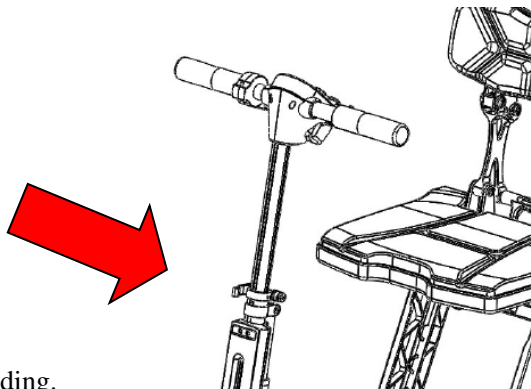
Folding and unfolding of 4051

1, 4051folding

Pull the pull pin of the faucet handle as shown by the arrow, and pull the faucet handle to the lowest position. At this time, check whether the indicator light on the faucet panel is on, as shown in Figure 2.

If the indicator light is on, press and hold the folding function button on the remote control to fold it;

If the indicator light is not on, check if the faucet handle is fixed to the lowest position before



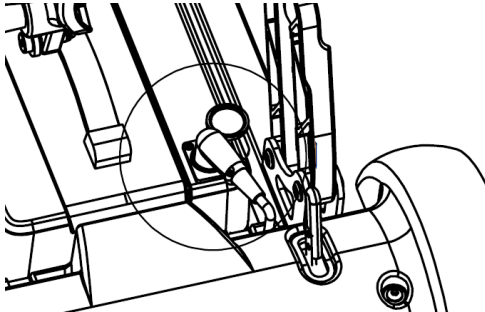
folding.

Adjusting various components of the travel version scooter

2. Deployment of 4051

Long press the deploy function button on the remote control to deploy.

Battery related Q&A



Remove the battery:

Remove the battery by unplugging the power cord that connects to the battery box.

Install the battery:

Align the battery compartment, place the battery down, insert the car power cord into the battery box, and turn on the power to use the scooter.



Warning! During the installation process after disassembly, it is necessary to fully place the battery box into the battery compartment to prevent unexpected vehicle and personal injury caused by bumps during use.

Charging unsuccessful, what should I do?

Check if both ends of the charger are fully plugged into the corresponding ports.

How often is it charged?

This mainly depends on two factors

Driving all day

Occasionally driving

After understanding these, you can know how long and how long it should be charged, and follow the following principles to safely charge.

If used daily, charging should be completed immediately after use, and it is recommended to charge within 6-8 hours.

If used once a week or less, the weekly charging time is 8-10 hours each time.

Fully charge as much as possible;

Avoid prolonged low battery driving;

Avoid long-term low battery storage;

Do not charge for more than 24 hours at a time.

How can I drive the farthest or longest distance after charging once?

This is related to the natural environment: for example, the road surface is flat and rugged, whether there are bends, windy, and so on. Here are some helpful suggestions:

Fully charge before use;

Design a good driving route and try to avoid bumpy roads as much as possible;

Try to reduce the load capacity as much as possible;

Adjusting various components of the travel version scooter

Try to maintain a constant speed forward;

Avoid sudden stops or starts.

How to transport?

If you plan to transport the travel version of the scooter, please contact the relevant transportation unit in advance for detailed information. During transportation, collision and squeezing should be avoided as much as possible.

How to choose a battery?

Your travel version of the scooter is equipped with a lithium battery, and the following are the battery models.

Type: Lithium battery.

Voltage: 24V

Capacity: 10AH/20AH (Wisking Company reserves the right to make technical changes to battery capacity without notifying customers)

How to store the scooter?

1. If you want to store the car for a long time without using it, please fully charge the car before storage and recharge it once a month.
2. Park the scooter in a dry and ventilated environment, and it is strictly prohibited to park it in damp, icy, or high-temperature areas.

Other relevant information

Anti roll wheel

The anti roll wheel is an important factor in the safety of travel version scooters, and it is never allowed to remove the anti roll wheel without authorization under any circumstances.

Quality warranty scope

Wisking provides quality warranty services for the following accessories:

- ◆ Main frame (one-year warranty)
- ◆ Drive assembly (one-year warranty)
- ◆ Controller (one-year warranty)
- ◆ Charger (one-year warranty)
- ◆ Lithium batteries (with a one-year warranty, except for power loss or natural decrease in storage capacity caused by failure to charge in a timely manner);
- ◆ Bearings, shaft sleeves, switches, etc. are consumables (the manufacturer provides a three-month warranty);

Note: The above accessories are not covered by warranty due to external collision, water ingress, liquid ingress, unauthorized modification or dismantling by Wisking.

Outside the scope of warranty

- ◆ All plastic and rubber parts are vulnerable parts and are not covered by the warranty;
- ◆ The tire and shell are not within the warranty scope;
- ◆ Decoration and seats;
- ◆ Repair and modification of any components without prior explicit consent from Wisking;
- ◆ Labor, telephone, shipping, and other expenses not specifically approved by Wisking for maintenance purposes;
- ◆ Caused by human destruction;
- ◆ Battery fluid overflow and leakage;
- ◆ Damage caused by abuse, misoperation, accidents, and negligence;
- ◆ Damage caused by incorrect operation, maintenance, and storage;
- ◆ The product shall not be used as a substitute for transportation, but for commercial or other purposes, as well as overloading and exceeding the specified slope;

The above situations are not covered by the warranty.

Attention: To obtain product warranty, customers must accurately provide the product serial number!