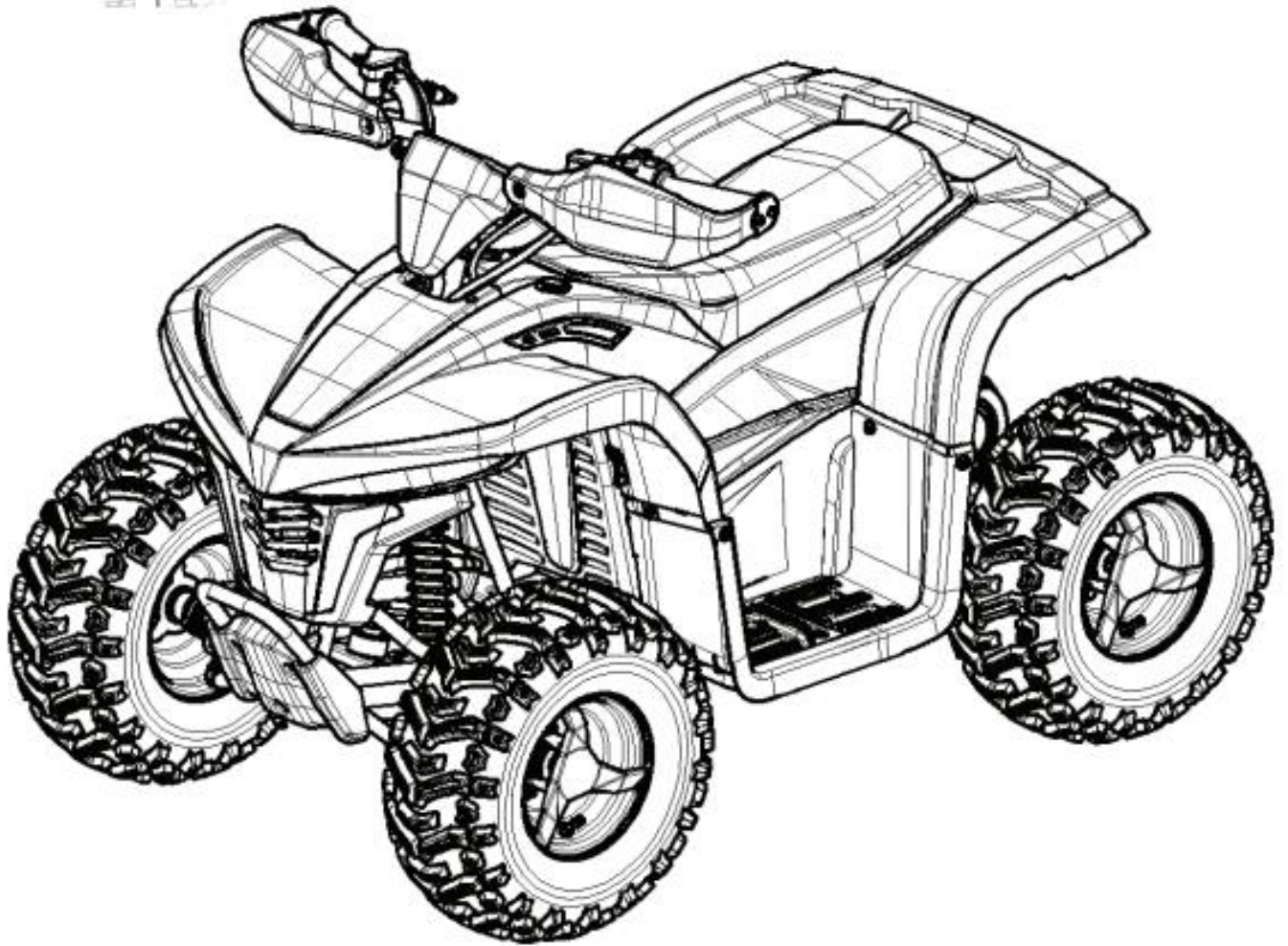




GO TRAX

RIFT 750



USER MANUAL

IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY

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3.....	General warnings
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1.Introduction

Dear customer:

Thank you for purchasing the products made by TAOMOTOR, the proper use and care of the products are outlined in this instruction manual. Following these instructions will ensure your long term safe and wordless use of the vehicle.

2.Purpose of use

The vehicle is designed for use on flat, smooth and dust-free roads. Cannot be used on public highways. Both adults and children can drive (children must be supervised by an adult or guardian). The vehicle cannot be used on rough terrain.

The vehicle is equipped with a 750W motor and 48V battery. The vehicle is equipped with a rear disc brake, which is controlled by the brake handle to the left of the handlebar.

3. General warnings

This instruction manual contains important safety information and instructions and must be read carefully before using the vehicle. For your own safety and the safety of others, please follow these rules

This vehicle must not be used on the highway

Unsafe and careless use of the vehicle can result in serious personal injury. Drivers can minimize the potential danger by wearing safety protection. Drivers should wear a helmet/glasses/gloves/elbow/knee pads and reliable foot protection. Avoid rough roads and obstacles. Always keep both hands on the handlebars while driving.

It is forbidden to drive this product on the road surface with slope greater than 30 degrees

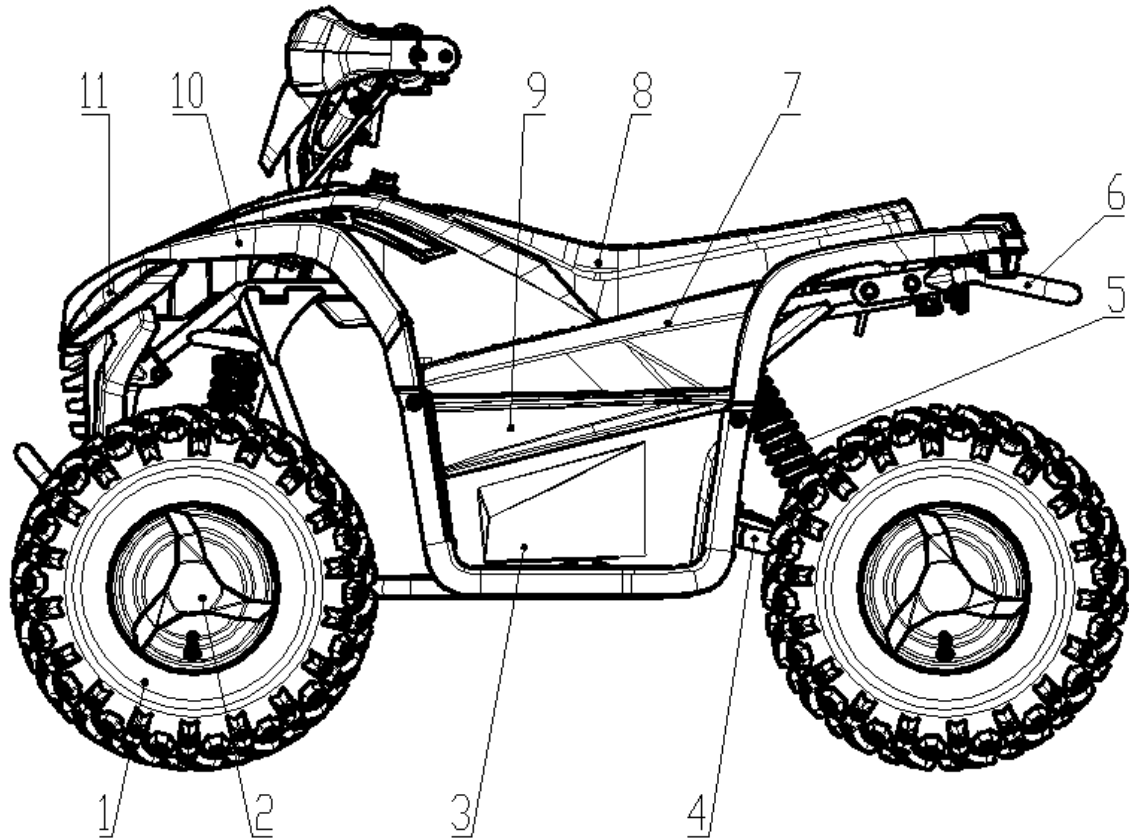
Children under 12 years old, please drive this product under the guidance of parents;

4. Technical specification

Rated power of motor		750W
Nominal voltage		48V
Type of motor		Permanent magnet brushless motor
Peak motor power		1600W
Rated output current of controller		50A
Frame		Welded high strength iron pipe
Brake		Rear disc brake
Tire	Front	16X8-7
	Rear	16X8-7
Battery capacity:		20Ah
Type of battery		Lithium battery/Acid battery
Max range (Full load)		40Km(Lithium battery)
NW		83.4kg
GW		116.3kg
Max load		75KG
Overall size	L	1286mm
	W	800mm
	H	822mm
Package size	L	1150mm
	w	700mm
	H	615mm
Adjustable speed (mile)	15、10、5	

5.Parts

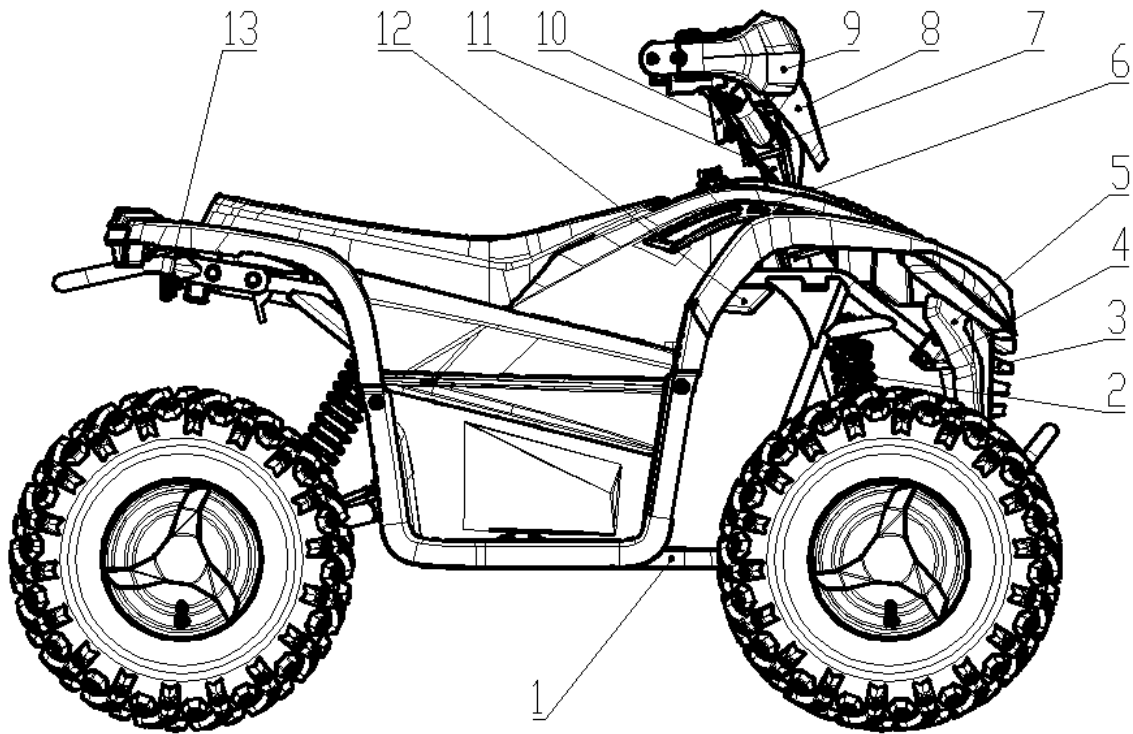
Left view



(Figure 1)

- 1.Tire 2.rim cover 3.Pedal 4.Rear flat fork welded assembly
5.Rear suspension 6.Back handle 7.Rear body 8.Seat cushion
9.Side cover 10.Front body 11.Headlight

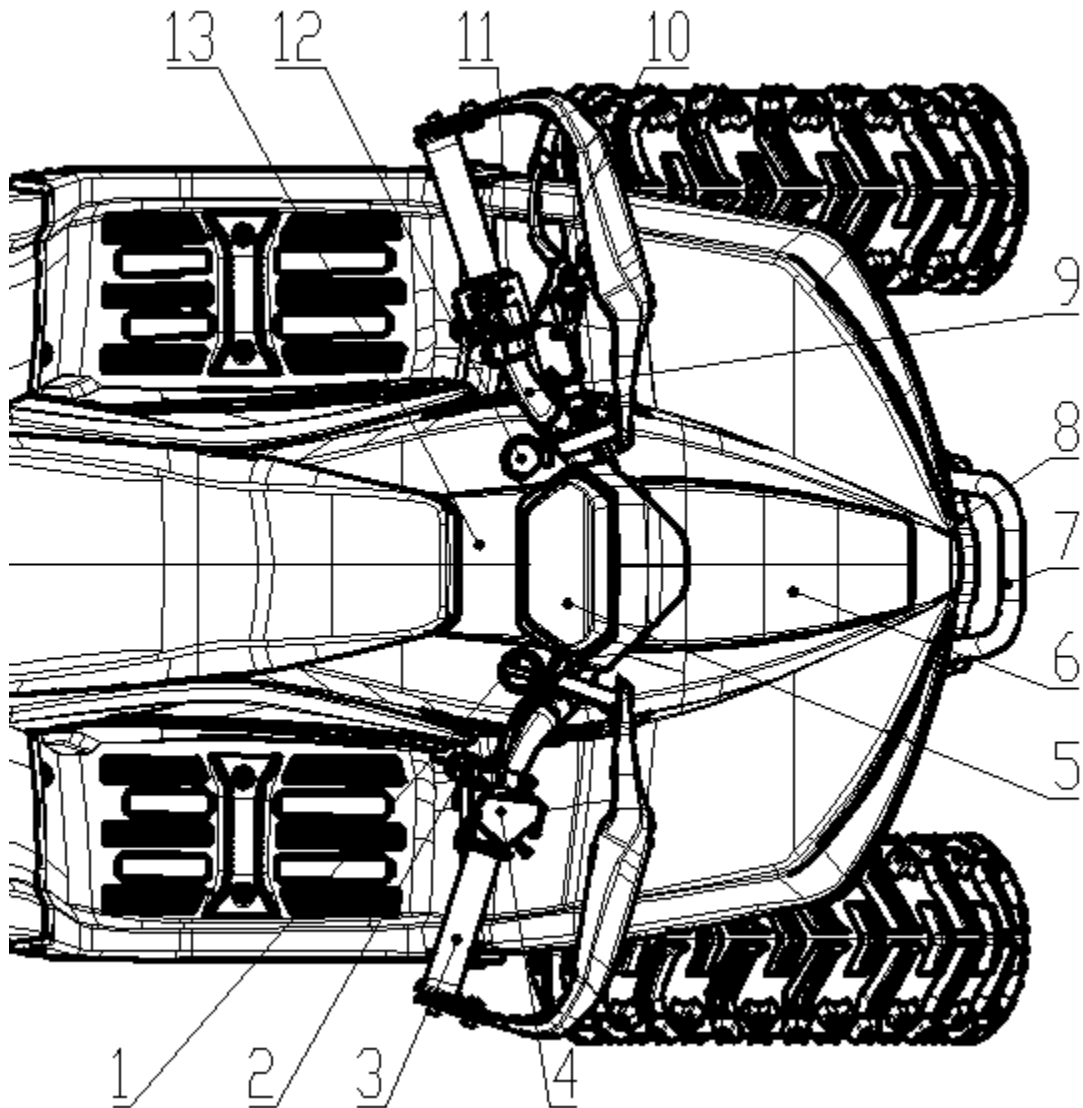
Right view



(Figure 2)

1.Frame 2.Front suspension 3.Middle grille cover 4.Support of middle grille cover 5.Middle grille 6.Side light 7.Aluminum clamp 8.Front cover of display 9.Hand guard 10.Rear cover of display 11.Steering column welded assembly 12.Front protector board 13.Rear reflector

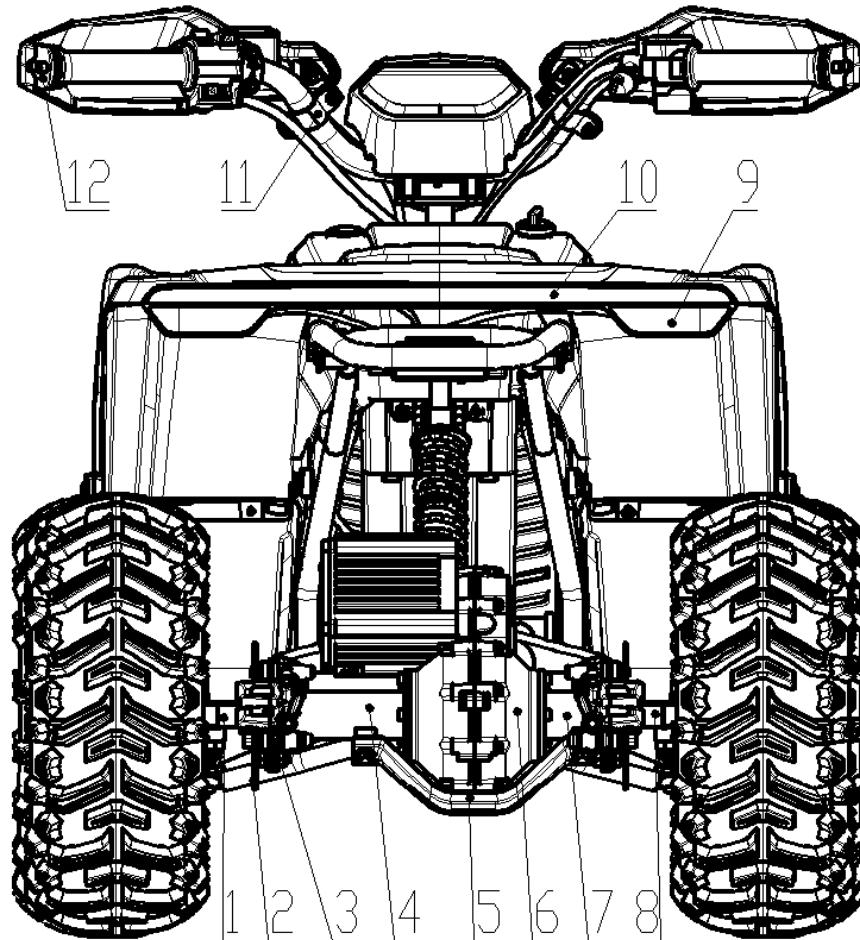
Top View



(Figure 3)

1.Electric door lock 2.Power off switch 3.Grip 4.Finger dial accelerator
5.Display 6.Head cover 7.Bumper welded assembly 8.Plastic bumper
9.Reducer handle 10.Rear brake lever 11.Multi-function switch
12.USB charger 13.Electric device cover

Rear view



(Figure 4)

1.Back left half axis 2.Disc 3.Rear brake caliper 4.Rear left axle barrel
5.Motor guard 6.750W motor 7.Rear right bridge barrel 8.Back right
half axis 9.Brake light 10.Rear trim light 11.Hand guard support
12.Hand guard decorator

5.1 Electric door lock switch

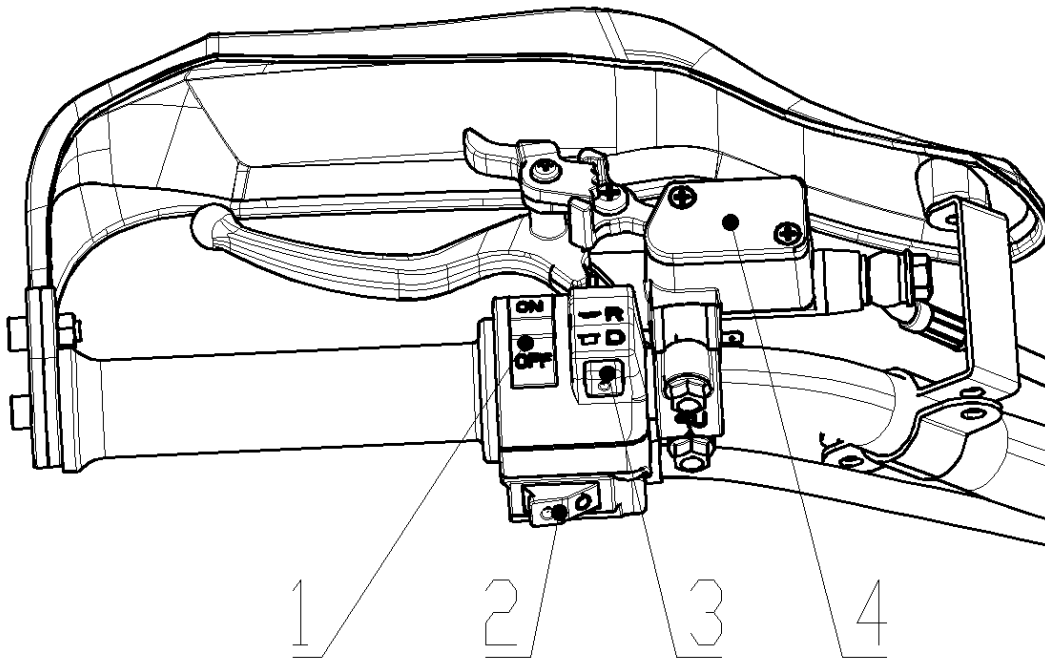
The electric door lock switch has two gears. When the switch is in the "OFF" position, the ATV is not energized. If you want to start the ATV, just insert the key and turn it clockwise to the "ON" position. When the ATV stops running, turn to the "OFF" position and pull out the key to prevent non-owners from starting the ATV; (Figure 5)



(Figure 5)

5.2 Power off switch (No. 1 in Figure 6)

The power OFF switch is located ON the moving function switch on the left side of the handlebar, "on" represents power off, "off" represents power on;



(Figure 6)

1. Power off switch 2. Power on switch 3. Gears 4. Rear Brake

5.3 Start switch (No. 2 in Figure 6)

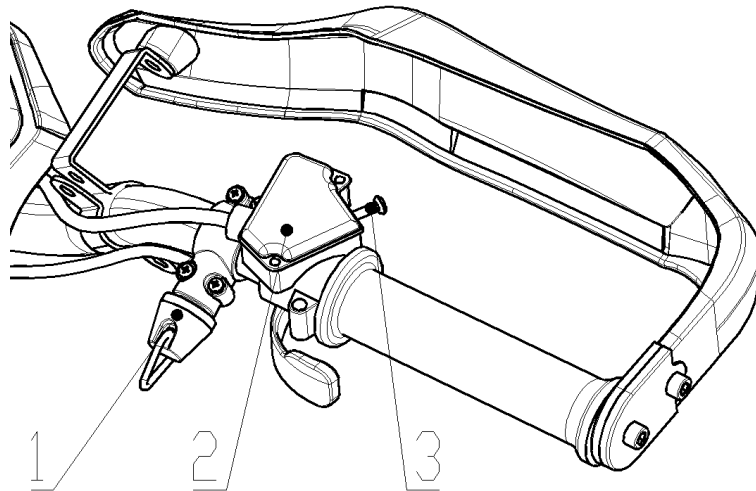
When the electric door lock switch is opened, the power switch is in the "OFF" state, press the start switch, the car can move normally. When the start button is in the off state, the meter gear will display 'P'.

5.4 Gear switch (No.3 in figure 6)

The gear switch has two states. When the gear switch button is pressed, it is in reverse gear, the instrument gear shows "R", and the car moves backward; When the gear switch button pops up, it is in forward gear, the instrument gear shows ' D ', and the car moves forward.

5.5 Safety emergency flameout switch (Figure 7)

The safety emergency extinguishing switch is fixed on the right side of the handlebar, which has a red head, and the tail of the head is connected to a safety cord. When there is an emergency that makes the vehicle power off, you can hold the safety rope by hand and pull off the head. At this time, the circuit is cut off and the motor no longer provides power. If you need to continue using the car, put the red head back in place. After the head is removed, the starting switch of the vehicle (No. 2 in Figure 6) is in the off state, and 'P' is displayed in the instrument file. So when the head is put back in place, it needs to start the car to be used normally.



(Figure 7)

1.Safety emergency flameout switch 2. Dial accelerator 3.Accelerator limit screw

5.6 Handbrake (No. 4 in Figure 6)

The ATV adopts the rear handbrake system, and the left brake controls the rear disc brake system.

5.7 Dial accelerator (No. 2 in FIG. 7)

Used to control speed. Push the throttle forward to accelerate the ATV. Release the throttle lever to reduce the speed until the vehicle is idling.

5.8 Accelerator limiting screw (No.3 in FIG. 7)

Accelerator limiting screws limit the power output of the motor by limiting the throttle lever travel, thus limiting the ATV's maximum speed. Adjust throttle limit screws according to the driver's experience and skills;

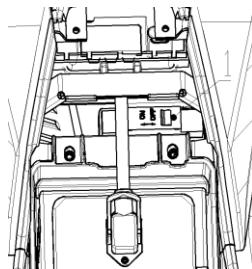
Methods: Loosen the lock nut, turn the accelerator limiting screw clockwise (No. 3 in FIG. 7), reduce the speed or increase the speed counterclockwise;

5.9 Main power switch (No. 1 in Figure 8)

The main power switch is located below the seat pad and in front of the battery compartment. Open the seat cushion can see the power switch, when the vehicle needs to be placed for a long time, the need to turn off the power switch, to reduce the consumption of electrical components, he has two positions;

ON :When the knob is rotated to the left 'ON', the main power switch is on.

OFF:When the knob is rotated to the right 'OFF', the main power switch is in the off state.



**1. Main power switch
(Figure 10)**

5.10 Battery charge

When an ATV needs charging, there are two ways to charge the battery. In the first method, open the cushion and pull out the battery wiring port (No. 1 in Figure 11), take out the battery, and plug the charger into the battery outlet on the battery to charge; In the second method, directly plug the charger into the vehicle charging port located at the lower left of the rear of the car (No. 4 in Figure 11) for charging. It takes about 3-5 hours for the battery to go from being dead to fully charged.

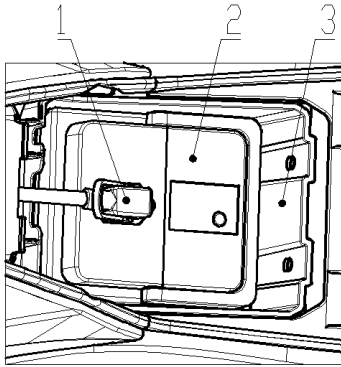


Figure 11

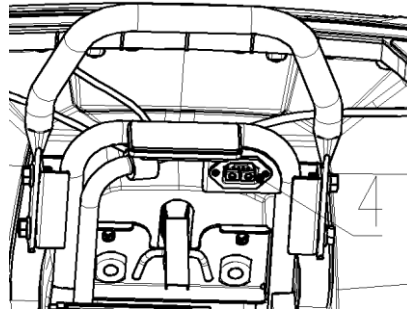


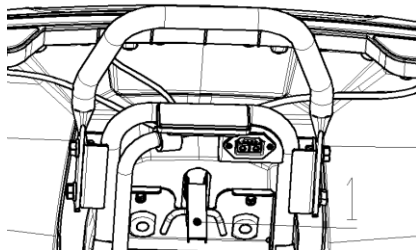
Figure 12

1.Battery port 2.Battery 3.Battery room 4.Charge port

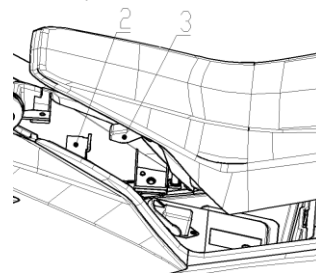
5.11 Seat cushion

1. Remove the seat cushion: pull back the seat cushion lock (No. 1 in Figure 13) under the seat cushion and pull the seat cushion upward to remove the seat cushion;

2. Install the seat cushion: Insert the front clamping foot of the seat cushion at the front of the seat cushion (No. 3 in FIG. 14) under the front hanging plate of the seat cushion of the frame (No. 2 in FIG. 14), and press the seat cushion under the seat cushion until it is locked;



(Figure 13)



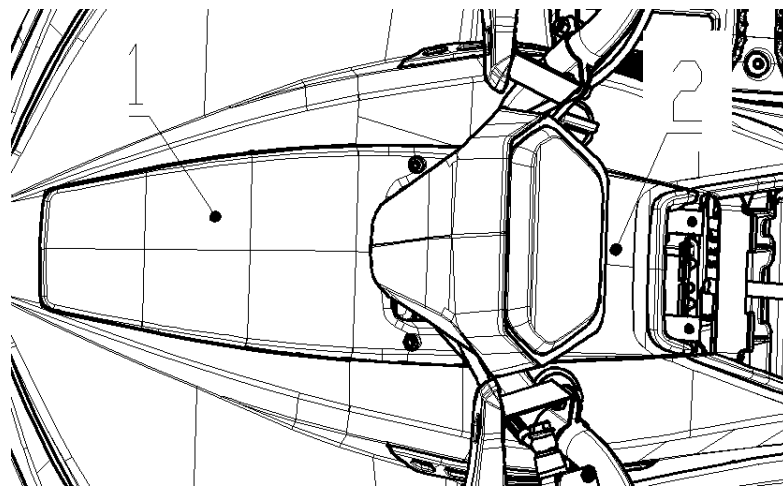
(Figure14)

1. Seat cushion lock 2. Seat cushion front hanging plate 3. Seat cushion front foot stuck

5.12 Electrical service cover

The electric parts are integrated in the car body plastic parts, mainly DC converter, horn, plug-in electrical parts, controller; It is located above the headlamp and behind the direction post, and the electrical parts are sealed by the head cover (No. 1 in FIG. 15) and the electrical cover (No. 2 in FIG. 15). When the ATV electrical parts need to be repaired, the head cover or the electrical cover can be removed for viewing or maintenance:

Method: Remove the head cover with a Phillips screwdriver, remove the left and right tapping screws under the lower cover of the instrument at the back of the head cover, and push the head cover forward to remove the head cover; Remove the electrical cover by using a Phillips screwdriver to remove the two self-tapping screws in the rear of the electrical cover and in front and below the seat cushion, and then push the electrical cover backward to remove the electrical cover;



(Figure 15)

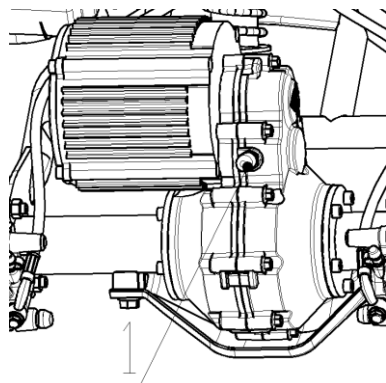
1.Head cover 2.Electrical cover

5.16 Motor transmission refueling hole, oil drain hole and oil replacement

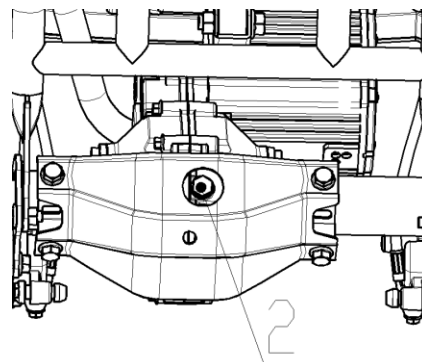
Before replacing the oil of the motor transmission, the oil in the transmission should be cleaned out. The oil drain hole of the transmission is

located at the bottom of the transmission (No. 2 in Figure 17). The transmission refueling hole is located at the upper rear part of the transmission (No. 1 in Figure 16).

Method of replacing the oil: Pass the No.13 sleeve through the motor guard plate, loosen and screw out the bolt (No. 2 in Figure 17), then the oil flows out of the hole until it is clean. Screw the bolt back with the sleeve and tighten it. Unscrew the bolt of the transmission fuel hole (No. 1 in FIG. 16) with the No.14 wrench and add 130ml oil, the oil brand is SM-1018. It is recommended to change the transmission oil every six months, and the first oil change is recommended after 3 months after riding.



(Figure 16)



(Figure 17)

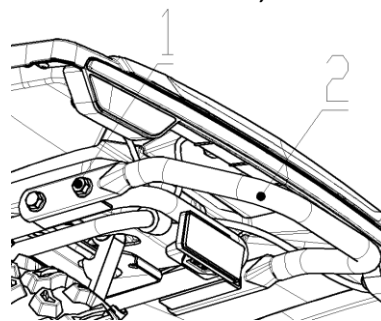
1.Transmission filling hole

2.Transmission oil drain hole

5.17 Back handle:

The rear handle (No. 2 in Figure 18) is detachable and is attached to the frame mount.

Rear handle installation: two screws on each side of the rear handle are installed on both sides of the frame. The holes on both sides are well aligned and fixed and locked with M8 screws;



(Figure 18)

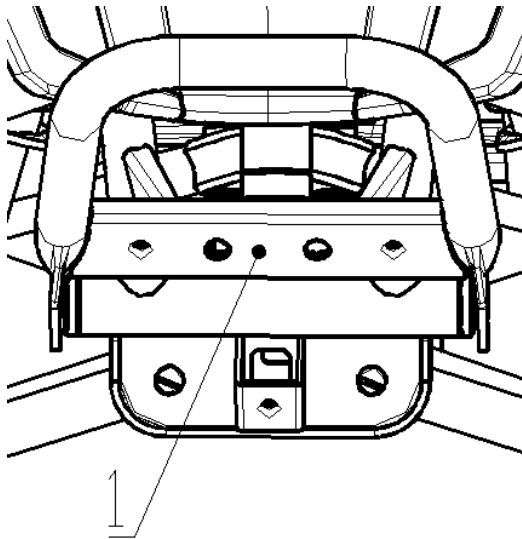
1.Rear handle mounting bolt

2.Rear handle

5.18 Bumper welded assembly and plastic bumper

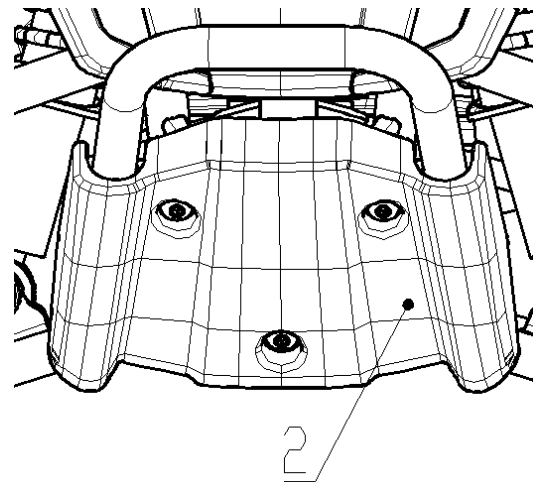
The bumper weld assembly (No. 1 in Figure 19) is mounted at the front of the vehicle by 2 side bolts and 2 middle bolts.

Plastic safety bars (No. 2 in FIG. 20) are mounted on the frame and bumper welded assembly by three hexagonal large flat head bolts.



(Figure 19)

1. Bumper welding assembly



(Figure 20)

2. Plastic bumper

5.22 Battery installation

Batteries are stored in the battery compartment in the middle of the car. The lower part of the battery and the front and back of the battery are equipped with rubber parts, which play the role of cushioning and absorbing shock to protect the battery, but also can better make the battery fixed. After placing the battery in the battery compartment, install the seat cushion. The cushion presses down on the battery to hold it firmly in place.

6. Check before riding:

6.1 Before using this ATV, be sure to check the items listed in the following table

Project	Convention
Motor transmission	1. Check the motor transmission oil and add the oil to the special standard. 2. Check the oil leakage of the vehicle and correct it if necessary
Rear brake	1. Check operation and correct if necessary 2. Check the free play of brake lever and adjust it if necessary
Finger dial accelerator	1. Ensure smooth operation, and check the dial acceleration lever free play 2. Lubricate the lever shell if necessary
Wheels and tires	1. Check the condition of the wheel and replace the damaged wheel 2. Check tire condition and tread depth, and replace if necessary 3. Check air pressure and correct if necessary (10psi-24psi)
Control handle	1. Ensure smooth operation and lubricate pivots if necessary
Chassis fastener	1. Ensure that all nuts, bolts and screws are securely fastened
Meter and switch	1. Check operation and correct if necessary
Battery	1. Check whether the battery is sufficient and whether the battery is damaged 2. Before the first driving, please charge the battery to activate it.

6.2 Rear brake

Check the rear brake lever for free play, if it does not brake properly, adjust it.

When the ATV needs to brake, pull the brake lever, the ATV can effectively brake. If the brake is not sensitive or unable to brake, please contact the dealer for repair or replacement.

Brake operation

Test the brakes after a slow start to make sure they are working properly, if the brakes do not provide proper braking performance, check the brakes for wear.

6.4 Be careful for riding :

If you are inexperienced, get training to ride

Beginners should be trained by certified instructors

First familiarize yourself with the car at slow speeds. Even if you are an experienced rider, do not attempt to operate at maximum performance

until you are fully familiar with handling and performance characteristics.
Do not ride children under 6 years of age



This ATV can only be ridden by one person. No passengers are allowed.
Do not drive after consuming alcohol or drugs.

7.Start riding

Please read this carefully before riding.

7.1 Starting vehicle

Insert the key into the ignition (it is now in the off position). The power OFF switch is in the "off" state. Press the start switch.

7.2 Riding

After starting the vehicle, adjust the gear switch, you can ride.

Warning !

- 1.Don't slam on the brakes when you first start
- 2.While riding, the rider should always pay attention to whether his/her feet are on the pedals.
- 3.Doing so may result in foot bump or reduce the rider's ability to control the vehicle, and can lead to accidents

Step:

- 1.Brake
- 2.Adjust forward or backward gear
- 3.The throttle gradually increased and the car began to accelerate.

7.3 Turning

In order to make the vehicle turn, the rider should hold the direction handle with both hands, and control the speed and braking according to the situation of the curve;

Warning!

The rider should practice his/her turning technique in the open until he/she has mastered it before riding on complicated roads

7.4 Braking

Release the accelerator and hold down the brake lever, then gradually apply force to slow the vehicle down gradually.

Warning!

Avoid turning braking, if needed, and use the brakes to slow down entering a corner if the vehicle

To brake when turning, the brake lever should be gentle, otherwise it may cause the vehicle to slide or flip over

Pour easily

Attention:

1. Do not brake in an emergency
2. When riding in rain, drive carefully and brake early

7.5 Stop

If the rider wants to stop the vehicle, he/she should first release the accelerator, hold the brake until it slows down and stops, and then press the start button to power the vehicle.

7.6 Parking braking

When the vehicle is parked on a slope, the parking brake should be used to hold the front brake lever and press the parking brake latch. After releasing the brake lever, the parking brake lever will not spring back up, which means that the parking has been successful. If you want to cancel the parking brake, you only need to squeeze the brake lever, and the parking brake latch will pop out.

8. Guide for young ride

In order for your child to ride this bike safely, you must take a certain amount of time to guide him/her, the content includes before your child begins to ride and guide and supervise the instructions before the ride. Before guiding your child, you should first read this manual bar and practice some basic points before telling your child, especially the "Warnings" section.

Here are step by step instructions to help your child have a safe and enjoyable riding experience

Steps are as follows.

(1). Wear protective clothing and protective gear

Protective clothing and equipment are necessary for children to ride safely. Loose clothing should not be worn to avoid danger. In addition, your child should wear long pants and a long-sleeved shirt. These protections prevent friction and loss of body heat from direct contact with the ground. Protective equipment such as helmets, eye protection and gloves are essential for children to wear.

(2). Be familiar with the vehicle

Your child should be completely familiar with the names and functions of all parts. After the vehicle is powered off, have the young rider sit on the vehicle and show the child how the parts operate. Have him/her do something like this; Start the vehicle, shut down the vehicle, brake, lock the brake, etc. Until the child can operate all the parts.

How to start the vehicle need to make sure that the following positions are keep open

① Main switch as below:

Put the switch to
"on" position



② Kill switch location as in the image.



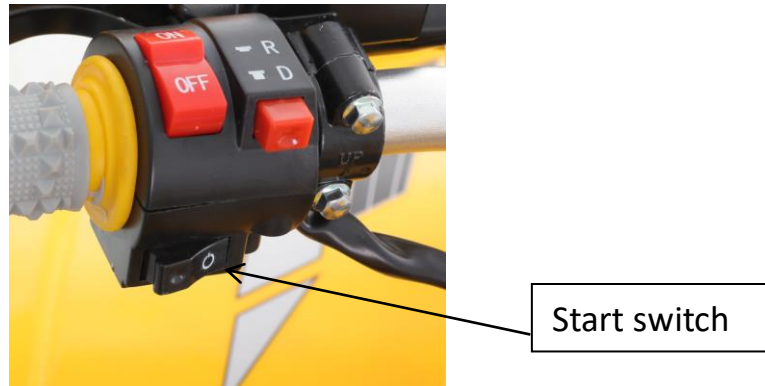
Kill switch
cap

③ The red switch must be in "ON" position



ON position

④ Before driving, you must press the start switch, after the “P” disappear from the display, then select the forward D gear or reverse R gear to accelerate.



(3).Stop and start exercises

You can let your child sit in the car, you push from behind, so that your child gets the feel of driving the car, familiar with its operation. Then practice starting and stopping exercises with the child as described above until he/she can master starting, accelerating and stopping procedures.

(4).Steering

You need to find an open, flat surface on which your child can learn the steering technique. First, you have your ATV off and you push it from behind, allowing your child to steer. After your child is familiar with the steering, you can start the ATV and let him enjoy driving alone.

(5).Summary

When your child has mastered the above steps, you can let your child combine the exercises until he is familiar with them.

The above steps will help you guide your child to the most basic techniques, and your child will need a lot of practice after completing these steps. To guide children during this period, you must be patient and careful so that you can achieve the ultimate goal.

9.Check and maintenance

It is very important to check and maintain your ATV regularly, and if you have the right tools and conditions, you can do it yourself as described in

this book. If you are not sure if you can complete it, consult your sales dealer

Warning: Keep children away when you are inspecting and repairing to avoid damage

9.1 General maintenance and lubrication chart

No.	Project	Check the maintenance work				Initial			Every month	
			Whichever come first	Month	1	3	6	6	12	
				Km mi	320 200	1300 800	2500 1600	2500 1600	5000 3200	
			Hours	20	80	160	160	320		
1	Rear brake	Check brake lever play, and disc brake disc wear, if necessary to adjust, if necessary to replace the brake.		√	√	√	√	√		
2	Wheel	Check for runout and damage and replace if necessary		√		√	√	√		
3	Tire	Check tread depth and damage and replace if necessary Check air pressure (10psi-24psi) and adjust if necessary		√		√	√	√		
4	Hub bearing	Check for looseness or damage and replace if necessary		√		√	√	√		
5	Fastener	Make sure all nuts, bolts and screws are properly tightened				√	√	√		
6	Suspension	Check compression flexibility; Check for oil leaks and replace if necessary				√	√	√		
7	Knuckle	Check that the rotation is flexible without cracking, and replace it if necessary		√	√	√	√	√		
8	Steering system	Check operation and repair, replace if necessary Check the anterior bundle and adjust if necessary		√	√	√	√	√		
9	Motor transmission oil	Check for lubricating oil leakage and correct if necessary			√	√	√	√		
10	Finger dial accelerator	Check operation correctly and lubricate		√	√	√	√	√		
11	Rear brake switch	Check that the operation is correct		√	√	√	√	√		
12	Battery	Check whether the charge discharge is normal		√	√	√	√	√		
13	Bearing in rear axle barrel	Check whether the bearing is normal and lubricated, and replace it if necessary		√	√	√	√	√		

9.2 Toolkit

We have provided you with a kit for easy inspection and maintenance, including some common tools, such as open spanner, Allen wrench, screwdriver, etc. It sits under the seat cushion and has a rubber strap to hold it.

9.3 Tire

Mainly check tire surface and air pressure

1. The depth of pattern on the tire crown is $\geq 6.0\text{mm}$; It must be replaced when worn out
2. Tires must be within standard air pressure (10-24psi)

9.4 Braking system

Check the brake travel, the brake travel is between 5-8mm, adjust the brake travel, please use the process below. Loosen the adjusting nut and adjust the brake horizontal stroke, keep the brake stroke between 5-8mm after adjustment, check the thickness of the brake pad regularly, when the wear exceeds 1mm, it should be replaced, often check the brake fluid level in the oil cup, when the brake fluid level is lower than the mark line, discharge the remaining brake fluid, replace the new brake fluid. Keep brake discs and pads clean at all times.

9.5 Motor transmission lubrication

Use a good quality oil and fill it with oil according to these steps

1. Remove the oil drain bolt of the motor transmission, release the lubricating oil, and then turn back the oil bolt.
2. Remove the motor transmission fuel hole bolt and add 130ml of SM-1018 lubricating oil.
3. Tighten the bolts and check for leaks

Warning: Keep the oil out of reach of children.

9.8 Check the battery

If the vehicle is difficult to start. And still cannot start after charging, first check the line, if no problem, please replace the battery.

10. Cleaning and storage

Frequent thorough cleaning of your car will not only improve its overall performance, but also extend the life of the product. If the vehicle is not used for a long time, store the vehicle in a confined environment. Fully charge the battery, turn off the main power switch (No. 1 in Figure 10), and charge the battery regularly. The vehicle is then stored sealed.

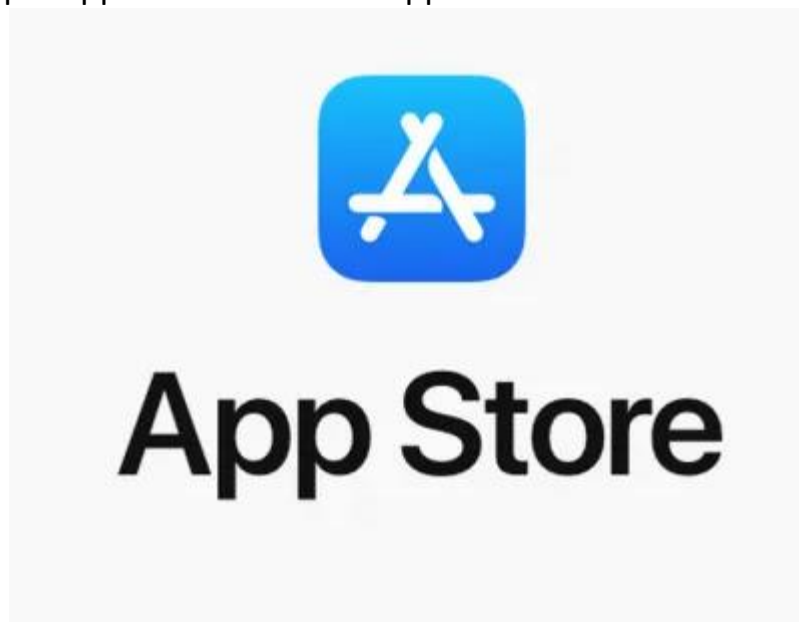
11. Maintenance record

Copies of work orders or receipts for the parts you purchase and install will be documented and maintained as per warranty requirements. The chart below is only to remind you of the printing required for maintenance work, not as proof of maintenance work.

12 APP operation guide

1. Source of APP download

- (1) Apple App store Tao Motor App



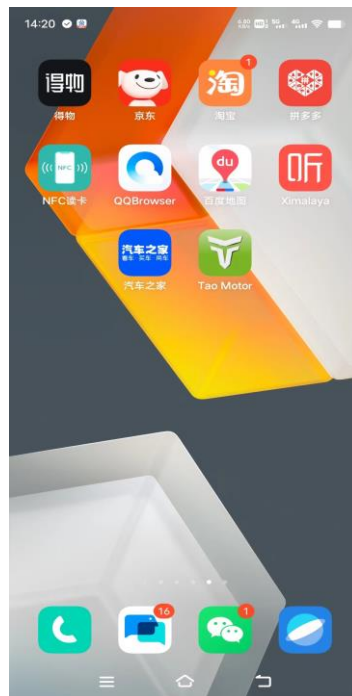
(2) Google APP store Tao Motor APP



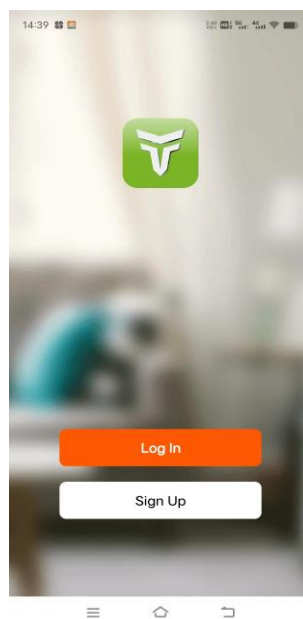
APP LOGO



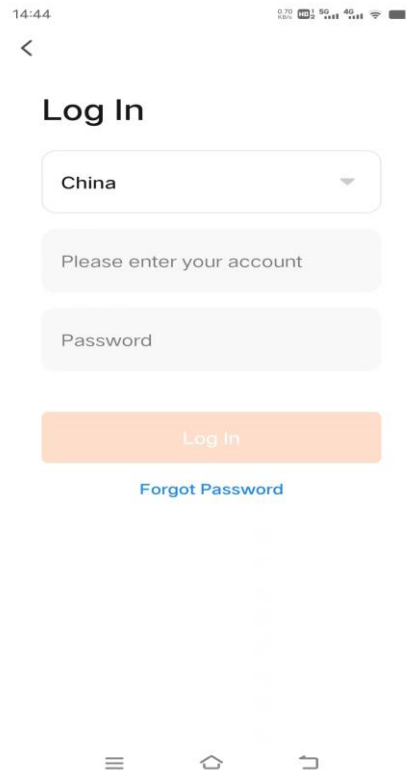
3.APP



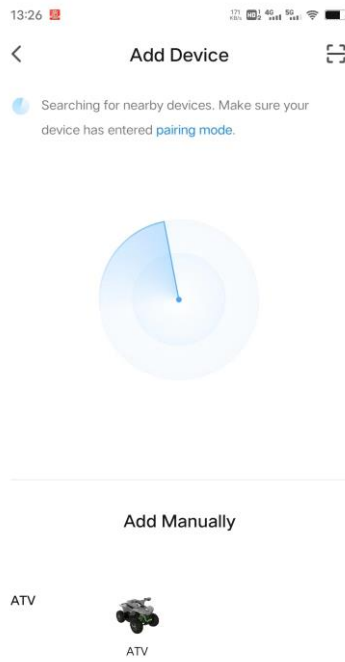
4.APP Open the screen and click Log in to enter the APP



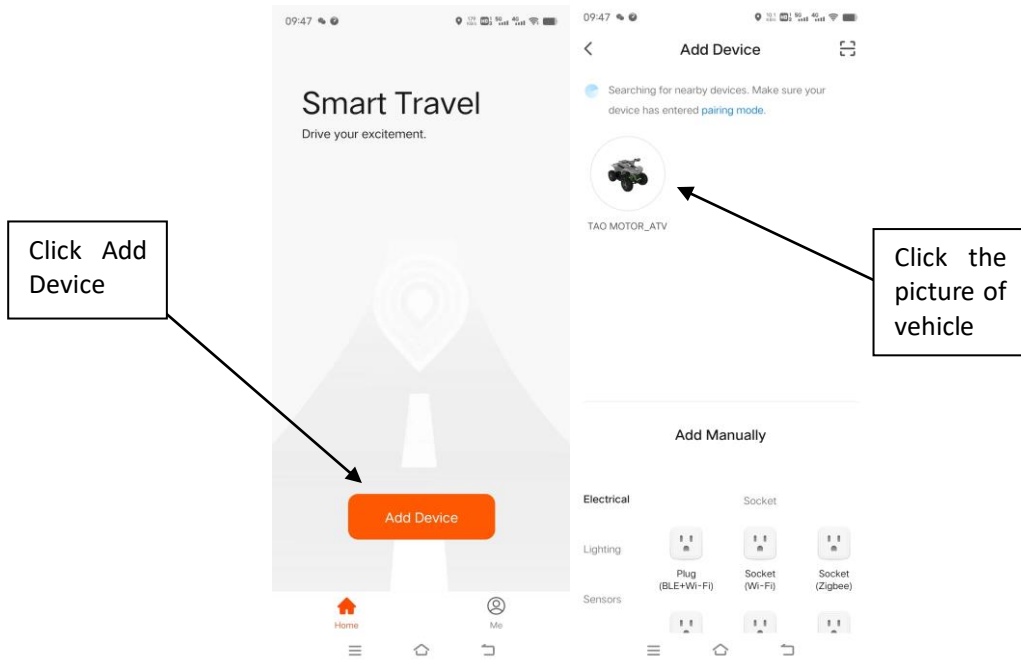
5. Register or log in to an APP account



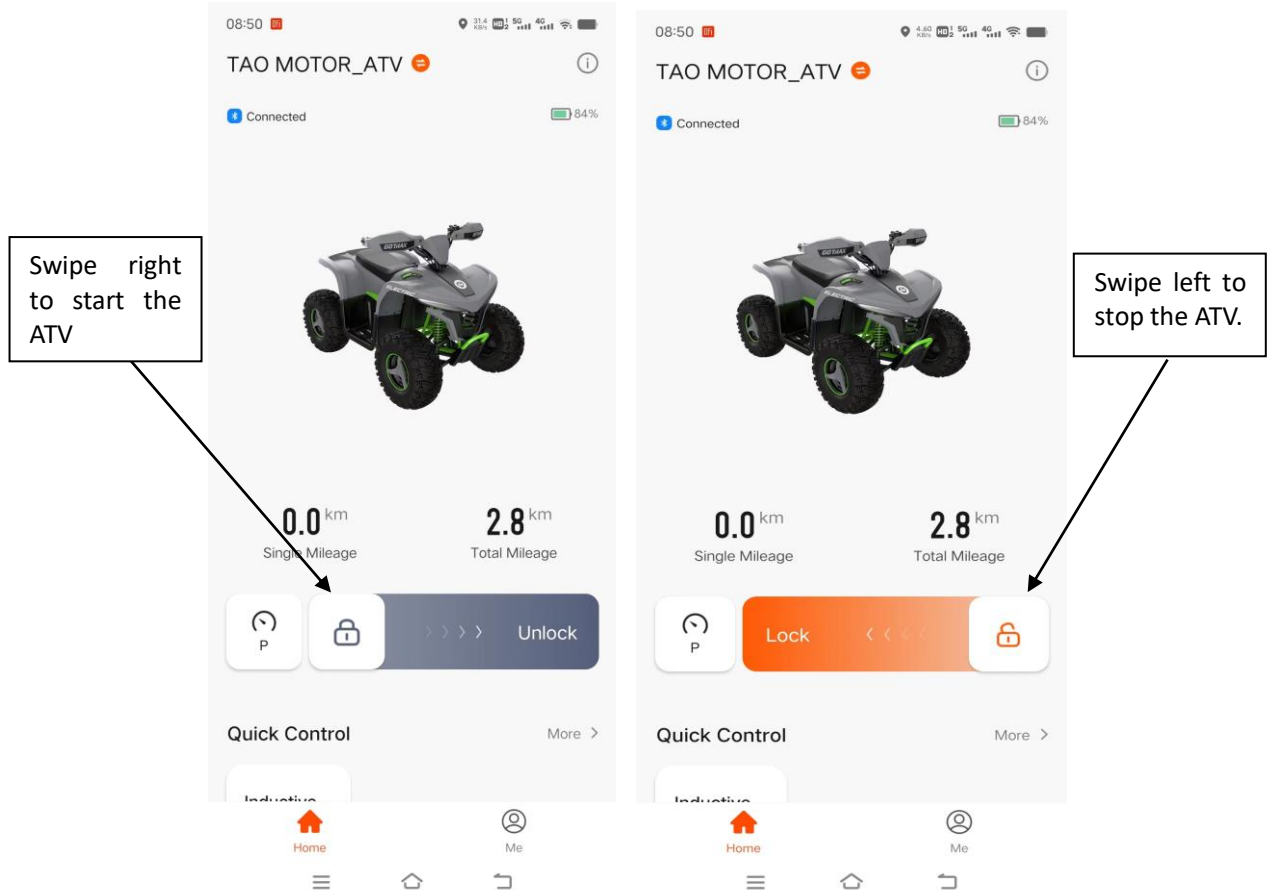
6. Search



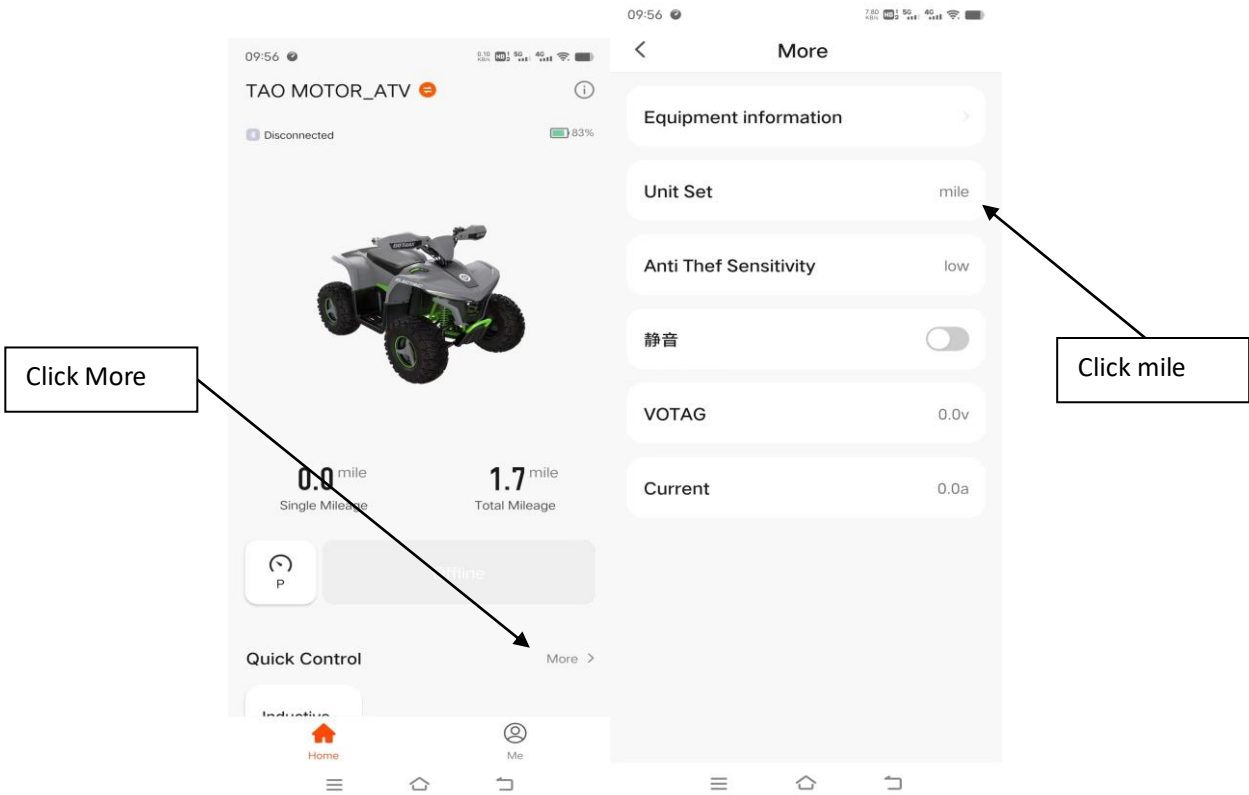
7. Add vehicle



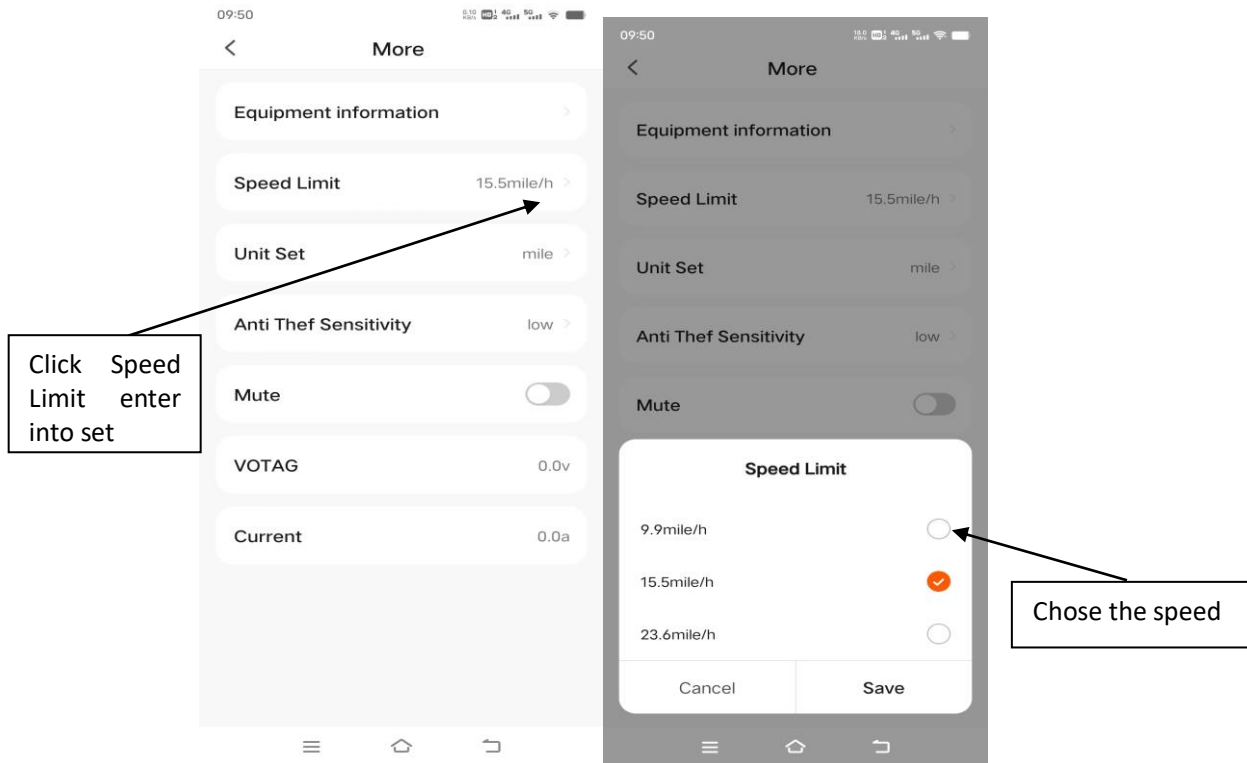
8. Starting



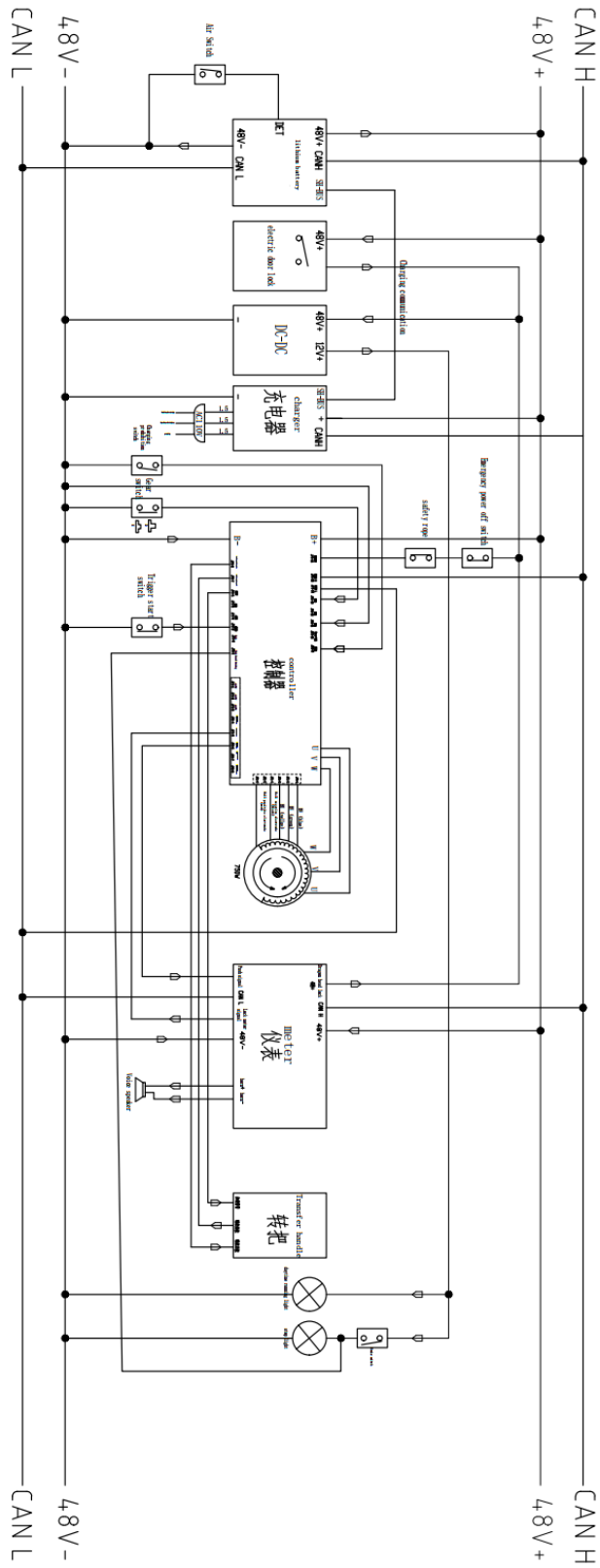
9. Set miles and km/h



10. Speed limit setting



13. Electrical schematic diagram



14、Cable assemble

