

KuKirin M4 Pro
USER MANUAL

EN



www.KuganKen.com



Users shall ride in strict accordance with traffic laws and regulations. If there are special local laws and regulations, users shall ride legally in accordance with local laws and regulations.

Please read the instructions carefully before using the product

We are glad introduce to you our new product.

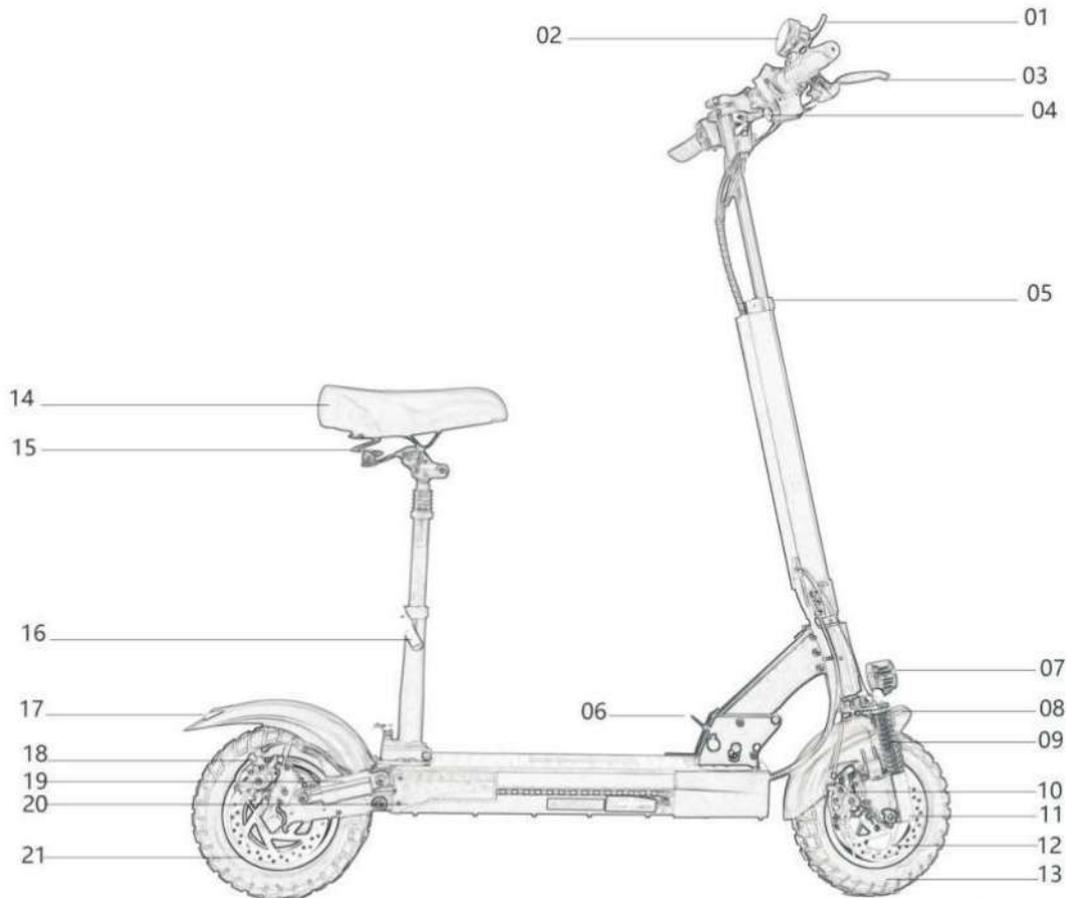
When we developing this product, we were inspired by the world outlook that the vehicle shall be easy to use in everywhere and accessible to everyone.

During three-year work, we paid special attention to details, in order to make driving more comfortable, and the folding and unfolding process simpler.

We hope the electric scooter will become an integral part of your life.

Hope you enjoy the journey and drive safely!

Main Parts

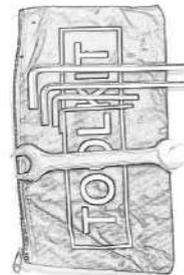
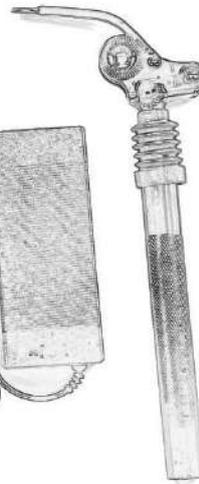
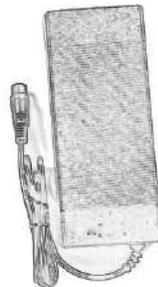
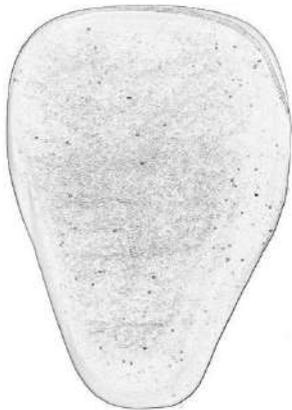
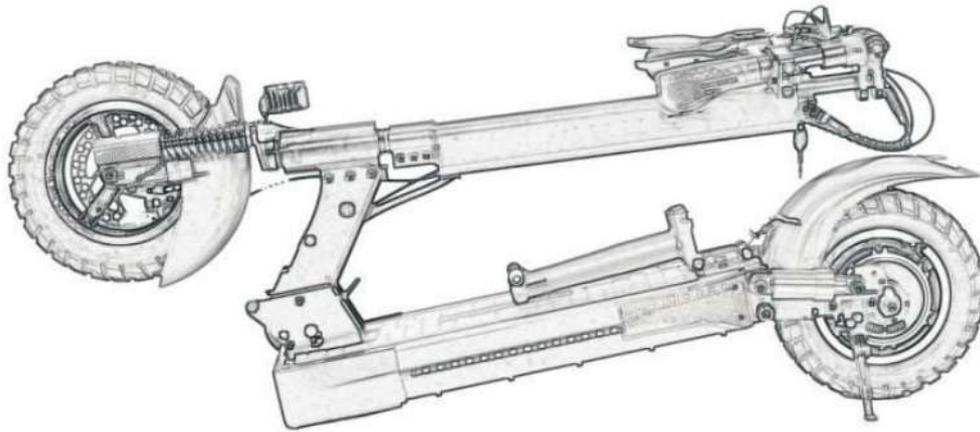


- 01: Accelerator
- 02: Meter
- 03: Rear Brake Control Bar
- 04: Key of Electric Lock
- 05: Height Adjust Lock
- 06: Folding Plug
- 07: Headlight with Horn
- 08: Front Fender
- 09: Front Dampers
- 10: Front Disc Brake
- 11: Reflective Stickers

- 12: Front Disc Plate
- 13: Front Tire
- 14: Seat Bag
- 15: Seat Bag Folding Plug
- 16: Seat Height Adjust Lock
- 17: Taillight
- 18: Rear Disc Brake
- 19: Rear Dampers
- 20: Side Lights
- 21: Hall Motor

Assembly the Electric Scooter

- Products' List



1/ Electric Scooter

2/ Seat Bag

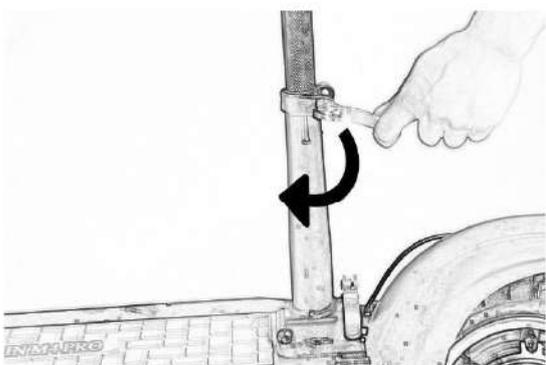
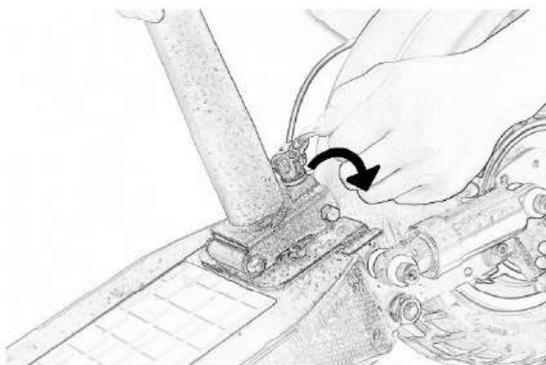
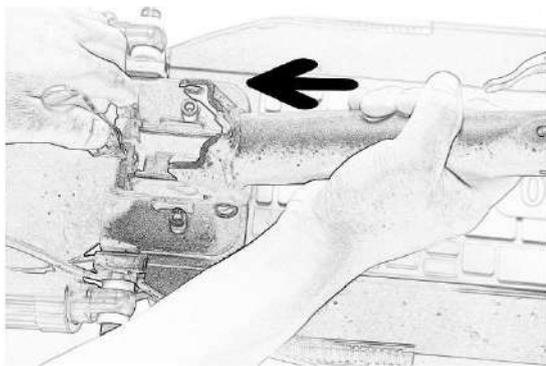
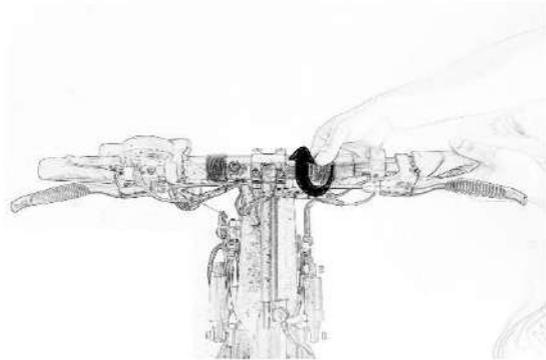
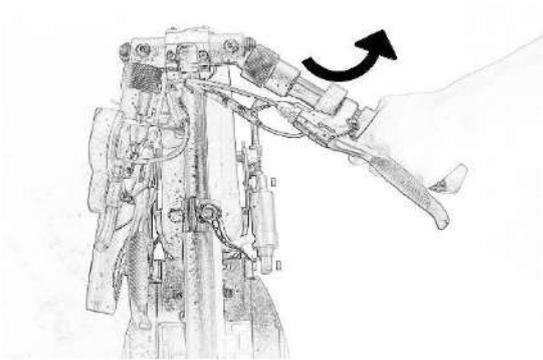
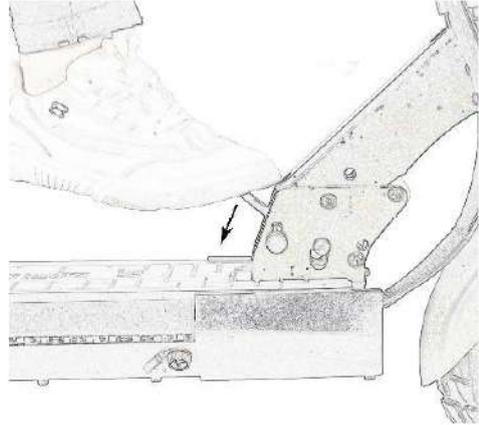
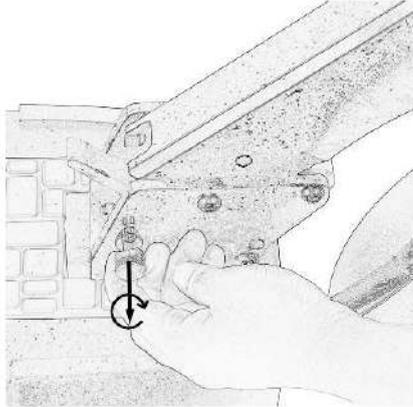
3/ Valve Extension Cable

4/ 110-240V Charger

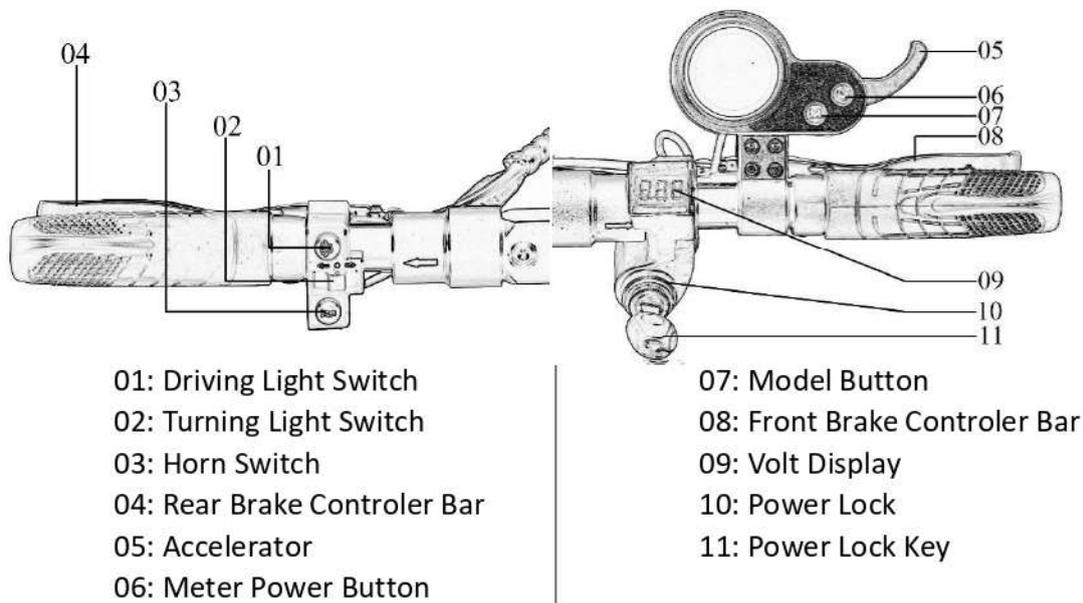
5/ Seat Support Rod

6/ Simple Tools

- **Expend the Electric Scooter**



- **Checking the Function of the Scooter**



Control before Operating

1. Checking the start of the accelerator and steering wheel. Turning the power off, pull the throttle lever a few times. Make sure it returns to its original position. Please do not pull the trigger, work smoothly.
2. Checking brakes and cables. Check the braking power. If the braking system is weak, please adjust before use. If the brake is jammed or there is an unusual noise, check the inner brake cable of wear and deformation.
3. Check tire pressure and condition. Check the front and rear tires whether there is puncture and tread wear. Make sure the tire pressure is at the recommended level: 23 kg per SQCM. Replace tires by wear degree (damage, tread wear, etc.).
4. Checking the folding part and the steering wheel. Folding/Unfolding: make sure the folding lock lever is locked and in the upright position. Make sure the stand is folding smoothly.
5. General condition check: Some parts of the electric scooter require regular maintenance check: chassis fork, tires, bearing, cable, other parts.

Safety

Follow our operating tips to avoid unwanted damage and consequences.

Recommendations

- Make sure that driving an electric scooter does not contradict local traffic rules.
- Avoid driving in poor visibility.
- Do not perform various tricks on an electric scooter.
- Strictly not recommend driving while intoxicated

The manufacturer is not responsible for breakdowns due to improper use of the electric scooter.

Note: Lithium battery may be dangerous when charging, please charge it outdoors.

Why do you need an instruction manual?

The manual allows you to learn the features of the electric scooter better to enjoy driving fully. When driving for the first time, be extremely careful on the road. Do not connect the charger if the charging port is damaged or the battery is already fully charged.

Battery and Charger

Battery

DO NOT turn on the engine while recharging.

The charge indicator shows only two stages (discharged / charged).

Do not leave a fully charged battery for a long time (more than two months).

The battery can be discharged while driving, braking, the headlight on.

DO NOT use the battery:

- If the battery is damaged.
- If the battery heats up or is deformed.
- If the battery leaks.

if the battery leaks, in any case do not contact with it.

the battery must not be accessible to children and animals.

A faulty battery can be explosive and cause irreparable damage to health.

Charge the battery in designated and equipped areas.

Recharging

The battery of the electric scooter is designed for multiple recharging. Insert the charging cable into the battery port located on the front right under the deck, then connect the cable to the network.

During charging, the indicator lights up in red.

The indicator will turn green when the battery is fully charged.

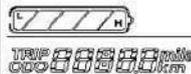
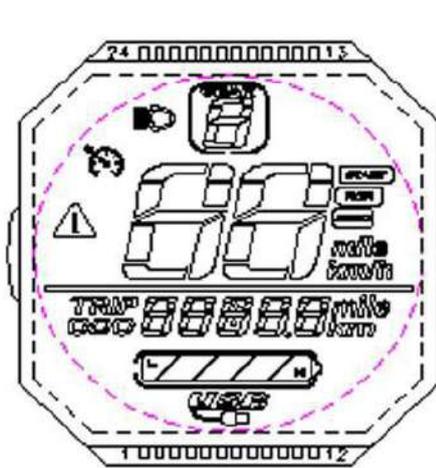
Do not use the already used or third-party batteries.

For long periods of downtime, it is recommended to charge the battery at least once a month for 9 hours, after each trip it can take up to 12 hours to recharge.

Before installing, repairing or removing the battery, **MAKE SURE** that the electric scooter is unplugged. Otherwise, it can lead to a short circuit and completely the electric scooter will out of operation.

DO NOT use disparate objects and equipment of other manufacturers not specified in construction for recharging; this may result in the ignition or leakage of toxic elements from the battery. USE only equipment supplied with the electric scooter.

Display



Charging Level

Basic Signs:

- ODO: total mileage
- TRIP: Riding mileage
- V: Pressure signal
- TIME: Riding Time
- Error1: Engine error
- Error2: Speed lever error
- Error3: Control panel error
- Error4: Brake Mistake
- Error5: High Pressure
- Error6: No data on counter
- Error7: NO data on control panel

- START** NON: Start to move by feet
- MODE** ZERO: Start to move only by speed
- ZERO**



Speed

USB USB порт используется



re Unit



Fixed Speed

Keep unchangeable speed in 5 second for activation



Recommendations

- **Recommended tire pressure:**

Make sure the tire pressure is at the recommended level: 20-25 kg per SQCM.

- **Recommended equipment: helmet**

Highly recommend you wear a safety helmet when driving an electric scooter, as in most driving incidents, major injuries occur on the head. Read the instructions on how to wear a helmet properly before use.

- **Safety Testing of Mechanical**

Before use, visually check whether all the bolts are in place, whether all the parts are in place, if something you concerned, then send the electric scooter for diagnosis. Recommended tire and its pressure: Spin the wheels several times manually, if the rotation of the wheels worries you, send the electric scooter for diagnosis.

Tip:

Lean forward while driving to accelerate, and lean back if you need to slow down.

Control

- **Safe driving**

For safe driving, you should first be very familiar with the product, select a suitable open place for riding. Drive carefully, reduce speed before cornering, and brake slowly when speed decreases.

- **Start of movement**

Put one foot next to the electric scooter; the other foot on the deck closer to the helm. Make sure you stand steadily, then gently push the electric scooter forward with your foot on the ground, just like with an ordinary scooter. Put the other foot on the deck closer to the rear bumper. When the body is leaning forward, press the acceleration button. Start to increase speed.

- **Start of sitting**

Sit on the seat of electric scooter, put one foot on the deck, leave the other on the ground. Gently press the acceleration button, and when the electric scooter begins to move at needed speed, put the second foot on the deck. Start of sitting

Turning:

Use the steering wheel to turn, but do not forget to keep your hands parallel to your body, when looking around making sure the maneuver is safe

Braking:

Slowly brake and remember the center of gravity. Recommend to lean back a little when you need to brake.

Maintenance

Grease:

Every 6 months, you should grease the guiding mechanics folding and shock absorbance with silicone. Also, check the bolts; tighten if necessary.

Caution: Do not use rust resistant grease. Do not lubricate the wheel tread.

Brake

Check the braking power. If the braking system is weak, please adjust before use. If the brake is jammed or there is an unusual noise, check the inner brake cable for wear and deformation.

The battery supplied with the equipment can charge at least 500 times. If necessary (mileage loss), replace the battery.

Characteristics

Model:	KuKirin M4 Pro
Body:	Aluminium alloy
Motor:	48V 500W
Battery:	48V 18AH
Adapter:	Incoming 100-240 V, Outgoing 54.6 V 2A
Brakes:	Mechanical disc brake
Tires:	80/65-6 Pneumatic dirt tires
Lights:	Front LED headlight, turn signals and taillight
Max. loading:	150 kg
Max. speed:	40-45 Km / h
Max. distance:	70 Km
Charging time:	8 hours
Gradeability:	15°
Wheelbase:	85 cm.
Dimensions:	119.5*26*50.5cm
Product weight:	25 kg



