Dimentro

REDEFINING
THE WAY

User Manual - DT-Pro

Warning: Do not use electric leisure vehicles until you carefully read the user manual to understand their performance, And please keep the user manual properly.

Welcome to the DIMENTRO family !

We are delighted that you have chosen the DT-PRO electric two-wheeler. To assist you in operating the DT-PRO correctly and safely, please follow our guidance below. Safety is paramount, so we urge you to read this manual thoroughly before using your vehicle and adhere to the following requirements:

A. Gain a comprehensive understanding of the information provided in the manual, encompassing instructions, precautions, and warnings.

B. Familiarize yourself with the operational procedures and emergency protocols.

C. Take note of the warning labels affixed to the DT-PRO.

D. DIMENTRO will not be held responsible for any issues arising from unauthorized modifications, the use of non-original parts, or the installation of components that could impact performance and safety.

E. Should you encounter any difficulties while using this electric vehicle, please reach out to your local dealers or distributors for assistance.

F. DIMENTRO is committed to serving you. We hope you enjoy a pleasant journey!

⚠ Safety instruction

To ensure your and others' safety, please adhere to the following guidelines meticulously:

A. Product Familiarization:
- Read this product manual thoroughly before use. Ensure you comprehend the product's characteristics and functionalities.

B. Road Safety:
- Obey all traffic rules and refrain from using smartphones while driving. This applies to all modes of transportation, including electric vehicles (EVs).

C. Original Parts Policy:
- It is strictly prohibited to use non-original components from third-party sources or to disassemble and modify the EV without authorization. Any loss or damage incurred due to such actions will be solely your responsibility, and DIMENTRO will cease all guarantees for this EV.

D. Product Variations:
- Keep in mind that due to continuous improvements, the EV you receive may slightly differ from the descriptions in the manual. Therefore, always refer to your actual EV for accurate information. For any uncertainties regarding usage, maintenance, or assembly, please contact our dealers or distributors.

E. Personal Protective Equipment (PPE):
- For your safety, wear a helmet, gloves, and other necessary protective gear while driving this product. Avoid loose clothing, as it can compromise your safety and comfort.

F. Pre-Ride Check:
- Before embarking on your ride, ensure that you are physically fit and well-rested. Avoid driving when

fatigued to maintain optimal control of the product.

G. Weather Precautions:

- In rainy or snowy or other extreme weather conditions, reduce your speed. Additionally, increase your braking distance when necessary to ensure safety.

H. Parking Regulations:

- Do not park electric motorcycles in lobbies, escape stairs, life passageways, or safety exits. These areas are reserved for emergency use only.

I. Charging & Storage:

- Never charge or park your EV inside residential buildings. When charging, ensure the electric motorcycle is situated away from combustible materials. Promptly disconnect the charger once the battery is fully charged to prevent overcharging.

Product Parameters

Overall size	2080×800×1160mm
Vehicle mass	97KG
Maximum load mass	100KG

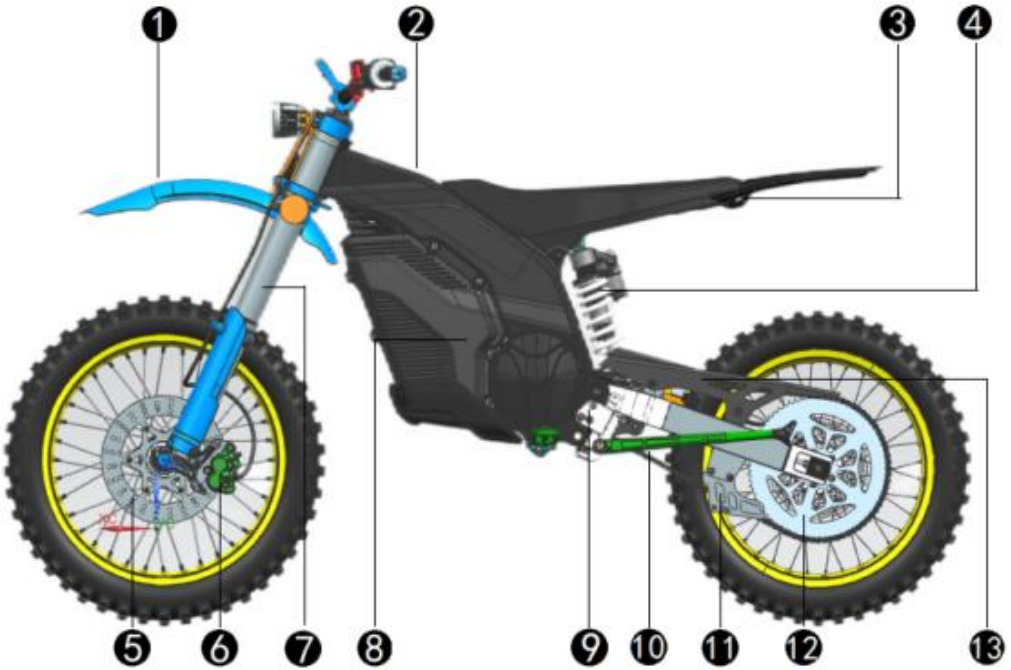
Ground clearance	340mm
Wheel base	1390mm
Seat height	910mm
Front fork stroke	230mm
Battery Capacity	4320Wh
Power	10KW
Maximum torque of rear wheel	390N.m
Max.Speed	80km/h
Max Range	150KM (30 km/h)
Gradeability	40% slope
Wading depth	>750mm
Charging time	3h
Front and rear tyre size	80/100-21/ 100/90-18
Battery auxiliary heat	√

Components instruction

Description of Components

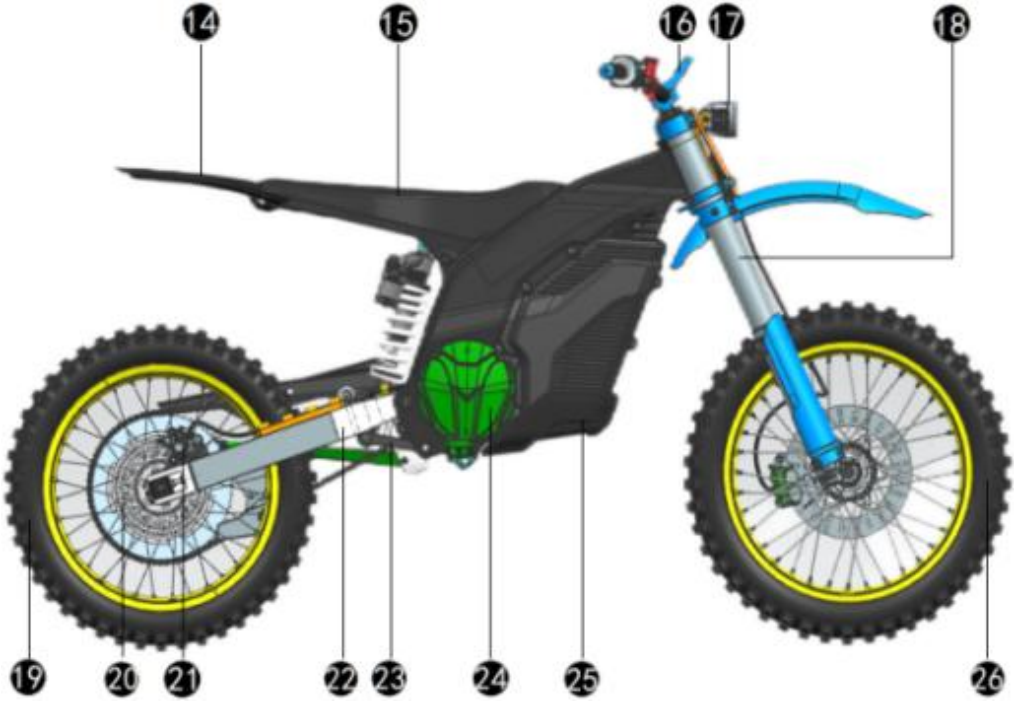
●Left view

1、Front fender
2、Frame
3、Rear fender bracket
4、Rear suspension
5、Front brake disc
6、Front brake pump
7、Left front suspension
8、Battery
9、Side stand plate
10、Chain
11、Chain guard
12、Rear chain disc
13、Chain box



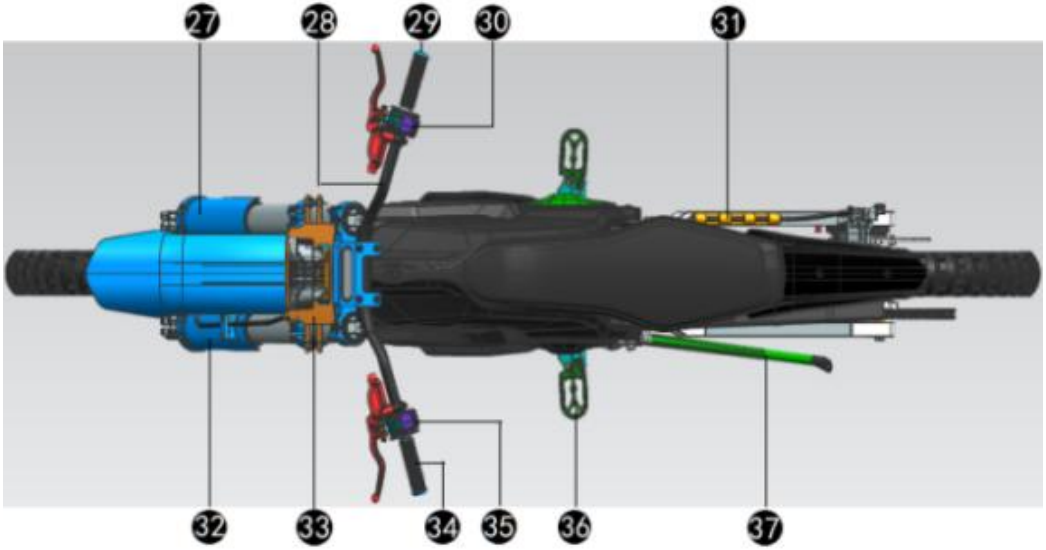
●Right view

14、Rear fender
15、Cushion
16、Handlebar clip
17、Headlight
18、Right front
19、Rear wheel
Rear brake disc
20、Rear brake disc
21、Rear brake pump
22、Swing-arm
23、Swing-arm
24、Decorating side cover
25、Battery protection cover
26、Front wheel



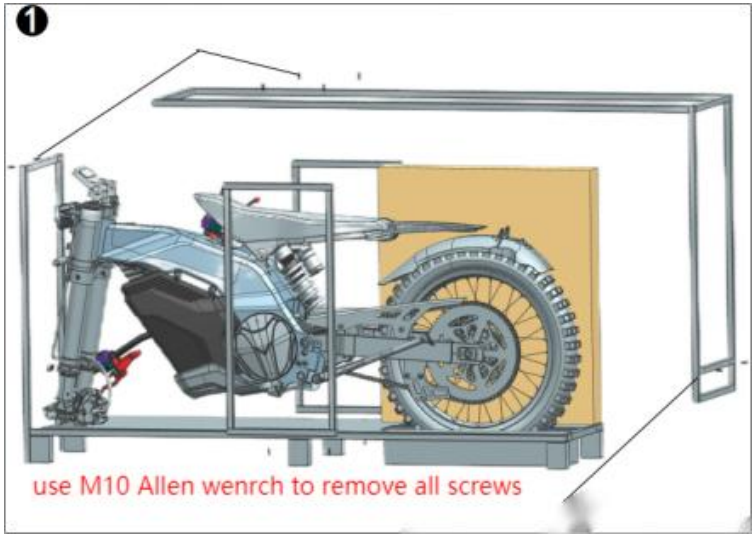
●Top view

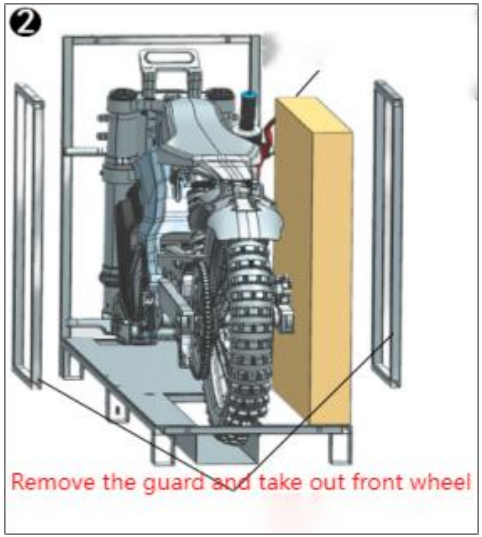
27、Right suspension guard
28、Handlebar
29、Decoration cap
30、Throttle
31、Rear brake tubing clamp
32、Left suspension guard
33、Front cover
34、Handle grip
35、Left switch assy
36、Pedal
37、Side stand



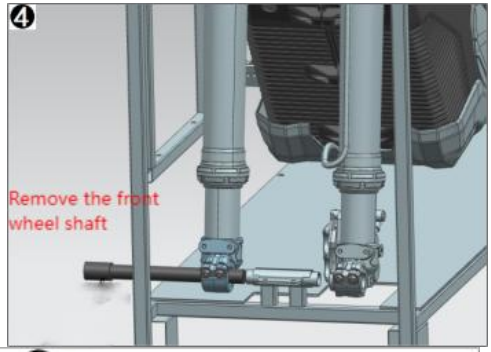
◆ Unpacking

1、please check whether the outer package is complete; Then cut the packing tape and remove the carton
2、iron frame removal: tool: M10 hex socket or M10 wrench

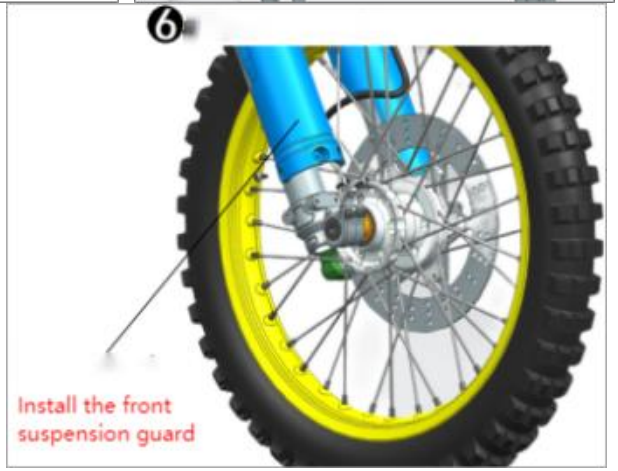


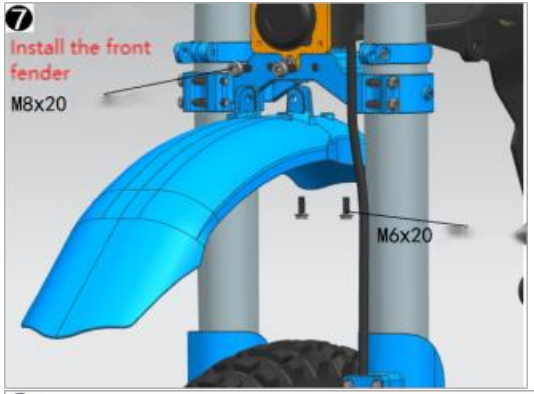


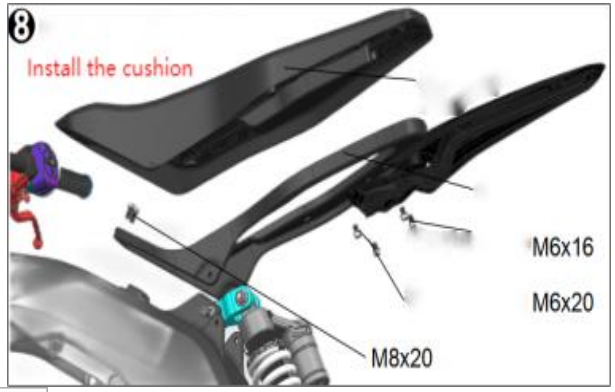

3
Install the handlebar

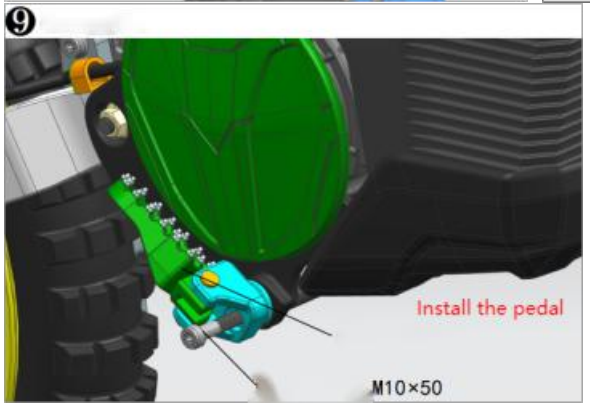

4
Remove the front
wheel shaft


5
前轮轴
Front shaft
前轮右衬套
Left bushing
前轮左衬套
Right bushing
前轮螺栓
Screw
Install the front wheel


6
Install the front
suspension guard


❼
Install the front fender
M8x20
M6x20


❽
Install the cushion
M6x16
M6x20
M8x20

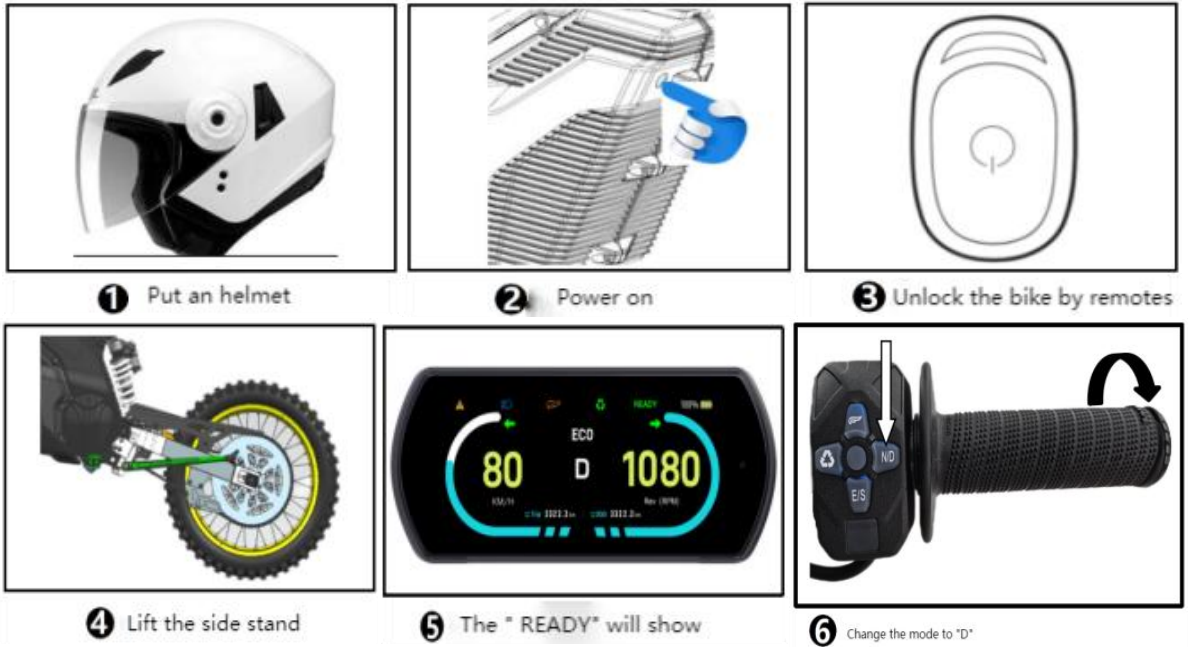

❾
Install the pedal
M10×50

◆ Bike reloading

Inspection after reassembly:

1. Assembly of handlebar is in place, lid fastening bolt torque: 20-25Nm;
2. The front wheel brake disc and the pump caliper under the brake are sure to be assembled in place;
3. The front axle bolt has been locked, locking torque: 20Nm;
4. The locking bolt on the shock absorber of the front axle has been locked: locking torque: 20Nm;
5. The front fender has been installed in place, the bolts have been tightened;
6. Whether the seat cushion support frame and seat cushion have been assembled and fastened;
7. For the safety when transportation, the rated capacitance of the battery at the factory is 50%～80%, in view of the transportation and production cycle and the factors of battery self-consumption, the new car should charge the battery for at least 0.5-1 hours when it is used for the first time

Quick start



⚠ Attention: When the ambient temperature is below 0℃, the low-temperature protection of the battery system may be triggered. Please charge the battery first, otherwise the vehicle may not be able to run normally. When the instrument has a fault code , please check the fault code displayed on the instrument by referring to this manual, and contact your local dealer as soon as possible.

◆ Charging

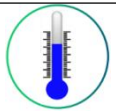
● Make sure the charger and battery are original;
● Turn on the battery power switch;
● Connect the charger output plug to the battery charging port (check whether it is plugged in);
● Connect the charger mains input to the AC socket (input voltage AC110v-AC220v);
● Wait 3-5 seconds for the charger indicator to blink, the fan to rotate, the charger to start charging, the green light to blink after full;
● After full charge, cut off the power supply, and then unplug the charger.

◆ Attention and precaution

		
●Please use original charger	●Ambient temperature for liquid cooling battery is -40℃-50℃ ●Ambient temperature for LFP battery is -10℃-45℃	●Do not charge the battery over 8 hours, or it maybe damage the battery.

■ Charging does not need to be full every time, but should be used every once in a while, the battery should be charged once (the charger stops naturally, the charging captain lights green, the vehicle screen power display 100%), so that the battery system is in good condition;
■ When charging, the front section of the charging speed is fast, and the rear section of the charging speed is slow, which is because the charging is set for safe charging, which is normal;
■ In winter, if the temperature is below 0°C, the charging time is longer than the ideal temperature, which is a normal phenomenon. Charge the battery at a proper ambient temperature; To ensure the charging effect;
■ During the charging process, if the indicator is abnormal, the charger smells or the charger housing overheats, stop charging the battery immediately and repair or replace the charger. Do not remove or replace the internal components of the charger yourself. When replacing the charger, the new charger should be original;
Warning: Charging must use the original matching charger, do not connect the charger to AC power; Do not charge the battery in a confined space or high temperature environment; otherwise, serious safety risks may exist;

◆ Storage

		
● When vehicles or batteries are stored daily, they should be placed in a dry and ventilated environment, and the indoor temperature should not exceed 45 ° C (liquid cooled batteries should not exceed 60 ° C). ● Long-term storage in -10℃-45℃ environment, if placed in an environment higher than 45℃ (liquid cooling technology battery 60℃), the battery capacity will appear irreversible decay.	● Before long-term storage, it should be confirmed that the battery capacity is between 50% and 80%, and please charge and supplement. After charging to the recommended capacity, turn off the battery system itself. ● The vehicle is stored for a long time due to the self-consumption of the battery. After a period of time, the instrument shows a decrease in power, which is normal.	● Transportation and production cycle and battery self-consumption factors, storage of new cars should be within 30 days to charge the battery 0.5-1 hours; ● Stored vehicles are required to charge the battery at least once every 3 months. It should be remembered that before each use, please turn off the battery system itself.

● If long-term storage is need, please do not place the vehicle or battery in a place where there is a risk of falling, if the fall may damage the vehicle uncontrollably or the battery may leak, heat, smoke, fire or explode;
● Avoid vehicle exposure to sunlight and rain to reduce damage or aging of components;
● Please park the vehicle in a flat, sturdy, well-ventilated, 65±20% dry environment; Keep away from corrosive, flammable and explosive materials;
● Long-term storage, please keep the power between 50%～80%, check and replenish the power every 3 months (charging 0.5—1h), do not place in the supercold or overheating [below 0°C (30°F) or above 30°C (90°F)] (liquid cooling technology battery room temperature should not exceed -10 °C -45 °C).
● When used again after long-term storage, the battery should be full.

◆ Daily maintenance

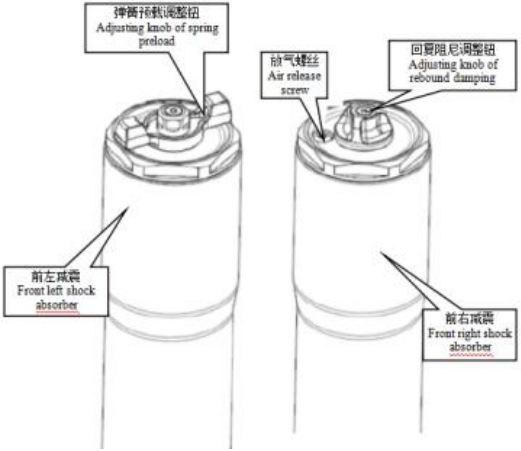
For safety reasons, it is necessary to check the following items before driving:

Item	To do	Warning
Throttle	●Ensure that the throttle operates stably and rotates flexibly;	⚠**Potential risk** ◆ If there is no inspection or maintenance before operation, the possibility of accidents or mechanical damage will increase; ◆ Worn friction disc will reduce the braking effect or even failure; ◆ Excessive use of the brake disc will wear thin, crack or deformation, may lead to brake failure; ◆ Tension wheel and chain guide are broken and broken, abnormal sound or chain removal frequently occurs; ◆ Improper spoke tightness will seriously affect driving safety or rim spoke breakage, so it must be checked or tightened regularly. ◆ Make sure your vehicle is in a safe condition before each operation
Battery charge	●Ensure it has enough battery charge	
Brake pump	●No leakage of brake fluid, normal braking ●Brake disc and friction plate free from water and oil stains	
Brake lever	●Ensure that the brake lever stably and rotates flexibly;	
Tyre	●Ensure that the tire pressure is correct, if necessary, please adjust the tire pressure, the recommended tire pressure: front and rear wheels 225Kpa; ●Check whether the surface is worn, broken, foreign body adhesion or perforation;	
Chain	●Check the chain relaxation and lubrication, if necessary, please adjust	
Pulley	●The press rebound is normal, and check the rubber wheel is in good station	
Chain guard	●There is no foreign body stuck in the chain groove, and the accessories have no broken cracks, deformation, and chain rubbing phenomenon	
Display	●After power-on, check whether there is a fault code, and the side support is put away. READY, the light is on and the display is normal.	
Left & right switch assy	●After the vehicle is powered on, check that the buttons work normally; ● Right speed control handle rotation and return normal;	

Steering system	● The direction of the steering is flexible without stuck; ● If the direction column is not moving and loose;	
Suspension	●Press for smooth return;	
Rim	●Check the tightness of the spoke, and adjust it after relaxation; In particular, spokes must be tightened after forest or track cross-country	
Side stand	●Normal retracting, flameout switch works normally;	
Horn	●If it can work normally	
Headlight	●High beam lights, day lights, taillights, brake lights, turn signals, license plate lights can be normally lit.	

◆ Shock absorption

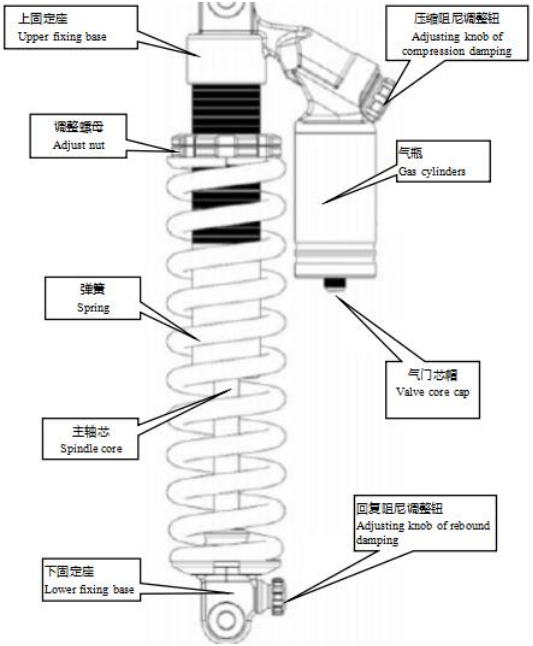
■Shock absorption - front reduction adjustment



Adjusting the preload of the shock absorber is to adapt to different driver loads, driving modes and road environments, in order to achieve the best driving performance of the car and avoid the front fork, rear shock absorption and body construction
Performed as a result of injury.
Front minus external adjustment function:
A, rebound damping adjustment; B, spring preload adjustment;

◆Rebound damping adjustment
As shown in the figure, manually turn the red rebound adjustment button on the top of the right front reduction to adjust the rebound damping.
Clockwise rotation can increase the springback damping, so that the front reduction slows down during springback; Counterclockwise rotation can reduce the springback damping and make the front drop faster during springback.
The rebound adjustment range is 12 stages. Can be set according to the rider's weight, habits and road conditions; When adjusting, it is generally adjusted clockwise to the maximum, and then counterclockwise to the required segment. When adjusting the force should be moderate, stop when slightly encountered resistance, and cannot exceed the limit of the adjustment screw;
When riding on the mountain road or multi-curved road surface, the rebound adjustment screw can be rotated clockwise to slow down the front rebound to reduce the shaking; When riding in the urban area or bad road surface, the rebound adjustment screw can be turned counterclockwise to make the front rebound faster and more active to reduce the hard feeling;

Driving violently for a long time will increase the internal pressure of the right tube, causing the shock absorption to harden. At this time, you can use a flat-head screwdriver to loosen the air release screw above the left and right tube, and then release the gas and lock it.



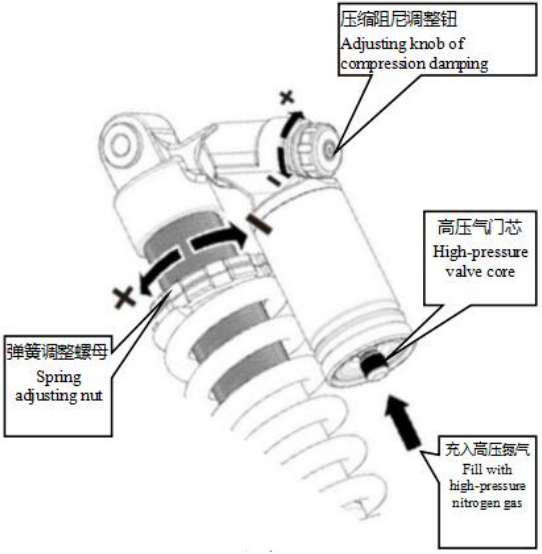
◆Spring preload adjustment
Manually turn the blue spring-loaded preload adjustment knob on the top of the left front reduction to adjust the shock absorbing support. Clockwise rotation can increase the damping support force; Counterclockwise rotation can reduce the damping support force. The adjustable height of the spring preload is 12.5mm, and the height of the spring adjustment button is 1.25mm when it is turned. When adjusting the force should be moderate, stop when slightly encountered resistance, and cannot exceed the limit of the adjustment screw;

■Shock absorption - Back absorption adjustment

Rear shock absorber external adjustment function:
Rebound damping adjustment;
compression damping adjustment;
spring preload adjustment;

Rebound damping adjustment;
After rotation, the lower part of the shock absorber is fixed with the red rebound adjustment button, which can adjust the rebound damping. The clockwise rotation can increase the springback damping, so that the tail is slow in the springback; Counterclockwise rotation reduces springback damping, making the backdrop faster during springback.

The adjustment range of rebound damping is 12 stages, which can be appropriately set according to the rider's weight, habits and road conditions. When adjusting, it is generally adjusted to the maximum clockwise first, and then adjusted to the required segment in the counterclockwise direction. When adjusting the force should be moderate, stop when slightly encountered resistance, and cannot exceed the tolerance limit of the adjustment screw.
When the road is hilly or multi-curved, the return damping adjustment button can be rotated clockwise to slow the rebound to reduce the vehicle shaking;
In urban areas or bad roads, the return damping adjustment button can be rotated counterclockwise, so that the rebound is faster and more active to reduce the hard feeling;



Compression damping adjustment;
After manual rotation, the blue compression adjustment button is fixed on the shock absorber to adjust the compression damping. Clockwise rotation can increase the compression damping, so that the front subtraction stiffens when pressed down; Counterclockwise rotation reduces compression damping, allowing the front subtraction to soften at downward pressure.
The compression adjustment range is 18 segments. Generally, the adjustment is adjusted clockwise to the maximum, and then counterclockwise to the required segment. When adjusting the force should be moderate, and the resistance should not exceed the tolerance limit of the adjustment screw.
Compression damping can be set appropriately according to rider's weight, habits and road conditions:
When driving on a flat road, the compression adjustment screw can be adjusted clockwise to increase the damping and increase the driving stability;
When the load is increased, the compression damping can be appropriately increased to avoid the shock

absorber hitting the bottom;
When the body sinks too fast or the body wobbles too much during bending, the compression damping can be appropriately increased.
When driving on the bad road surface, the compression adjustment screw can be adjusted counterclockwise to reduce the damping and improve the driving comfort;
When the shock absorber sinks slowly or becomes hard after continuous bad road surface and the body jumps, the compression damping can be appropriately reduced.

Preload adjustment
The spring adjusting nut (as shown in the figure above) can be rotated forward and backward using a customized hook head special wrench to change the pre-load height of the spring and adjust the rear damping support.
The damping support force can be increased by turning the spring adjusting nut clockwise. The damping support force can be reduced by turning the spring adjusting nut counterclockwise.
The weight of our spring is 550LBS, the total spring length is 180mm, and the pre-load adjustable height is 0-10mm.

⚠ Attention and precaution for absorption:
The service life of the shock absorber depends on a variety of factors, such as road conditions, rider weight, driving habits and use intensity; Shock, irregular drop, abnormal or rough use will lose product life.
Non-scheduled or incorrect maintenance will cause damage to shock-absorbing oil seals, self-moistening bearings, dustproof seals, and main pipe components, which may lead to oil leakage or movement retardation.
We set different maintenance cycles according to different user usage:

Driving situation	Suggestion
Normal city road	Every 3 months
Country road	Every month
Special(Track Cross Country)	Every 10 hours

◆ Troubleshooting

Phenomenon	Fault cause	Solution
After the battery switch is turned on, it trips back off immediately, and the switch cannot be pressed	May sediment into the switch; Mismatched battery management software Battery self-protection shut down;	Rinse gently with clean water until the switch is pressed smoothly; Upgrade the battery management software that matches it correctly;
If the battery switch is turned on, no response is received	The power switch is not turned on; The remote key of steering lock far away from the bike; The remote control board is damaged; The direction lock controller is damaged; 72V insurance burned out; Steering lock fault	Turn on the battery power switch again; Replace the direction lock controller; Replace the 5A insurance on the 72V output line; check whether the connector of the direction lock is loose or reversed, and replace the direction lock
The motor doesn't response with throttle after the bike powered on.	1. incorrect start procedure 2. The vehicle is in the braking state 3, Throttle fails to work	Start the bike with correct procedure If the brake light is on, it may be that the brake switch and brake handle have contacted and pressed the brake switch contact, and the brake switch at the brake handle should be properly screwed out until the brake light is off. Turn right in the opposite direction to return to zero and keep 3S to restore whether the refueling is normal; Refuel no response need to replace the right speed control handle
Incorrect mileage	Battery is not full when riding; 2、Under-inflation; 3、Frequent braking and starting; 4、Overload; 5、Normal battery decay; 6、If the ambient temperature is too low, the battery discharge capacity decreases	Check whether the charger is properly charged or damaged; Check whether the tire pressure is appropriate Develop good cycling and driving habits; Items 4, 5 and 6 are normal; If you feel that the ride is not enough, you can buy a new battery at the DIMENTRO dealer.

Battery can’t be charged	The battery switch is not on The plug is not properly inserted The battery temperature is too low. Procedure High battery temperature	Check the battery switch is on or not Check whether the plug and the external electrical socket are normal, and reconnect them Wait until the battery temperature reaches the normal charging temperature before charging Contact the DIMENTRO dealer or after-sales team for help to check the battery status
Battery indicator flashing	The CAN cable on the positive is loose	Take out the battery and check the CAN cable
Display: ER-000	Display lose CAN signal, reconnect it Controller lose CAN signal, reconnect it Controller is damaged	1、Check if the display cable is loose, reconnect it 2、Check if the 30 pin on controller is loose, reconnect it 3、Change the controller
Display: ER-036	Wrong charger	Change the charger
Display: ER-105	1.8 pin connector of motor is loose. 2.30 pin of controller is loose	1、Take out battery, check 8 pin of motor and reconnect it. 2、reconnect the 30 pin; 3、if still there after 2 steps above, change the controller.
Display: ER-110	False alarm caused by overcharged Throttle not in original position Throttle cable is not connected well	1、Restart the bike Turn right in the opposite direction to return to zero and keep 3S to restore whether the refueling is normal; Refuel no response need to replace the throttle Open the maintenance cap , check the 9 pin connector is connected well
Display: ER-112	Over-current	Change the controller

Display: ER-146	1.8 pin connector of motor is loose. 2.30 pin of controller is loose	1、Take out battery, check 8 pin of motor and reconnect it. 2、reconnect the 30 pin; 3、if still there after 2 steps above, change the controller.

◆ Maintenance list

Items	Mileage/Time(Which occurs first)							
	300mi/500km Or 1 month	600mi/1000km Or 2 months	3000mi/4800km Or 6 months	6000mi/9600km Or 12 months	9000mi/14500km Or 18 months	12000mi/19300km Or 24 months	15000mi/24000km Or 30 months	18000mi/29000km Or 36 months
Throttle Ensure the throttle can operate stably and smoothly. Operating voltage is from 0.84V to 3.95V	√	√	√	√	√	√	√	√
Battery Check the abnormal heating of the battery, burnt taste, smoke or special sour taste of liquid leakage; Obvious signs of damage and collision	√	√	√	√	√	√	√	√
Front brake Check if the brake handle operation fulcrum normal, pump level, oil leakage, replacement of friction disc, brake disc wear and deformation	For safety							
Rear brake Check if the brake handle operation fulcrum normal, pump level, oil leakage, replacement of friction disc, brake disc wear and deformation	为了安全，摩擦片无论是否磨损超过限定值都建议更换							
Front and back brake switch Operate it, change it if necessary	√	√	√	√	√	√	√	√
Steering column The steering wheel is flexible within the steering range without sticking	√	√	√	√	√	√	√	√

The up-down steering bearing should not feel the clearance obviously								
Lights Observe that all lights are on normally and need to be replaced	√	√	√	√	√	√	√	√
Shock absorption press back smoothly without feeling stuck Check for oil leaks Adjustment operation is normal and effective, change it if necessary	√	√	√	√	√	√	√	√
Rim Check the bearing for loose or damaged and replace if necessary Check the spoke slack and slip off, adjust or replace if necessary	√	√	√	√	√	√	√	√
Tyre Check tire wear and teeth and replace if necessary. Check whether the tire pressure is correct. Adjust the tire pressure if necessary Check the tire aging and replace if necessary	√	√	√	√	√	√	√	√
Motor Check the housing and cables for cracks or damage The operation check work is normal sound, no normal temperature rise	√	√	√	√	√	√	√	√
Chain Check the sagging degree of the chain and adjust if necessary Check that the excessive wear and damage need to be replaced. Clean lubrication.	√	√	√	√	√	√	√	√
Chain guard Check wear if necessary	√	√	√	√	√	√	√	√

There are abnormal sounds to be replaced Whether the chain guide or tension wheel is replaced								
Fasten parts Check that all fastening markers and connections are not loose, broken and detached Reinforcing or adjusting the tightening markers and connections	√	√	√	√	√	√	√	√
In order to ensure that your vehicle is always in the best performance condition, routine maintenance and regular maintenance are very important; the key is the best performance of the vehicle, so if you cannot confirm the source and quality of parts, recommended to use DIMENTRO original parts; inappropriate maintenance will cause unexpected conditions in later use, unless you have appropriate tools, service data, mechanical maintenance qualification and original parts, we recommend that such maintenance work can only be done by DIMENTRO authorized dealers.								

◆ Error code list

fault code	cause of error	method
ER-04	Single unit pressure alarm: cell cell voltage is greater than or equal to the set limit	Automatic recovery; contact the after-sales service or the dealer
ER-05	Large unit pressure difference alarm: the battery cell voltage is greater than or equal to the set limit	Contact the after-sales service or a dealer
ER-11	Charging monomer voltage protection: monomer charging voltage is greater than or equal to the limit of single over-voltage protection valve	Automatic recovery; contact the after-sales service or the dealer
ER-14	Discharge monomer voltage protection, monomer discharge voltage is less than or equal to the single under-voltage protection valve set limit	Charge restart switch recovery; contact after-sales service or dealer
ER-17	The charging temperature protection is high, and the battery charging temperature rise is greater than the set protection value	Restart switch restore; contact aftermarket service or dealer
ER-22	High discharge temperature protection: the battery discharge temperature rise is greater than the set protection value	Automatic recovery; contact the after-sales service or the dealer
ER-25	Low discharge temperature protection; the ambient temperature is lower than the minimum temperature protection value set by the battery discharge	Restart switch restore; contact aftermarket service or dealer
ER-28	Large temperature difference protection: the temperature difference between the cells is higher than the average protection value set inside	Automatic recovery; contact the after-sales service or the dealer
ER-29	Charging over-current protection: the charging current is 25A	Restart the switch and discharge recovery; contact the after-sales

		service or dealer
ER-32	Three discharge protection; discharge current is greater than or equal to the set discharge current value.	Restart the switch and charge recovery; contact the after-sales service or the dealer
ER-33	Pre-charge failure protection	Restart the switch; contact the after-sales service or the dealer
ER-35	Charging handshake failure protection: the charger and battery information do not match	Reconnect and pair, and replace the charger
ER-36	Temperature sensor failure (short circuit or open circuit) fault	Power again; contact after-sales service or dealer
ER-37	Voltage detection failure (open cell) fault:	Power again; contact after-sales service or dealer
ER-38	MOS failure failure:	Power again; contact after-sales service or dealer
ER-39	The AFE detects a failure fault	Power again; contact after-sales service or dealer
ER-100	IGBT fault: Check the short circuit to the controller MOS tube	Contact the after-sales service or a dealer
ER-101	Hardware over-current fault: a hardware trigger	Contact the after-sales service or a dealer
ER-105	Motor general transformer fault: encoder fault	Contact the after-sales service or a dealer
ER-106	Motor output phase deficiency fault: a large difference in the three-phase current of U, V and W is detected	Contact the after-sales service or a dealer
ER-107	Current detection fault: current Hall reference deviation	Contact the after-sales service or a dealer

ER-108	Data itself fault: power-on parameter read error	Contact the after-sales service or a dealer
ER-110	Right speed transfer self-test fault, the throttle is not back to zero, the throttle voltage is beyond the set range	Keep 3S; contact after-sales service or dealer
ER-111	Low-voltage software under-voltage fault	Contact the after-sales service or a dealer
ER-112	Software over-current fault: the software calculation phase current is too large	Contact the after-sales service or a dealer
ER-113	General under-voltage fault: the battery voltage is 60V	Restart after charging; contact the after-sales service or the dealer
ER-114	Serious under-voltage fault: the battery voltage is 50V	Contact the after-sales service or a dealer
ER-115	General over-voltage fault: battery voltage> 90V	Battery voltage <80V recovery; contact after-sales service or dealer
ER-116	Severe over-voltage fault: battery voltage above> 95V	Contact the after-sales service or a dealer
ER-118	Controller overload fault: long duration of peak torque	Automatic recovery of small torque: contact the after-sales service or the dealer
ER-121	Over-speed fault: the speed is> 1.1 times the peak speed	Contact the after-sales service or a dealer
ER-122	Bus timeout fault: the BMS message is interrupted for 500ms	Automatic recovery; contact after-sales service or distribution
ER-123	IGBT general over-temperature fault: check to the controller temperature> 80℃	Controller temperature <75℃ recovery; contact after-sales service or distribution
ER-124	IGBT severe over-temperature fault: Check to controller	Contact for after-sales service or

	temperature> 80℃	distribution
ER-129	General over-temperature fault of the motor: the motor temperature is> 135℃	Motor temperature <130℃ recovery; contact after-sales service or distribution
ER-130	Serious motor over-temperature fault: controller temperature> 150℃	Contact for after-sales service or distribution
ER-131	Control range overflow fault: speed control signal short circuit or open circuit	Automatic recovery; contact after-sales service or distribution
ER-145	The IGBT temperature sensor has failed	Contact for after-sales service or distribution
ER-146	Motor temperature sensor fault	Contact for after-sales service or distribution

MAINTENANCE RECORD:

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Dimentro

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