

DAYTONA E-VIBALL



User manual

Preface

This USER MANUAL introduces the basic operating method and repairing method, please read it carefully and thoroughly. Correct operating, maintenance and repairing could reduce the trouble of motorcycle and keep the motorcycle in its best performance. The service station of our company, which set up everywhere, would be glad to offer more detailed instructions and help, to offer the convenient for your motorcycle.

This USER MANUAL is the integrated parts of the motorcycle, it must be accompanied with motorcycle when sold.

The problem concerning with the contents of the manual, supplements to the manual or the operation of motorcycle should be consulted with your dealer.

This USER MANUAL is compiled with the newest information available, our company is not obliged to inform if changed in advance.

All right reserved, if you need quotation please contact with our company.

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Important note

Due to rapid improvement of our product, pictures and contents in this manual may be different with actual motorcycle. Take the actual motorcycle as standard.

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Safety driving

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Safety driving rules

1. Before riding, Check the motorcycle and make sure that is in good condition.

2. The driver must passed the examination held by traffic controlling department to get the driver license before he could drive. Do not lend the motorcycle to the man who has no driving license.

3. Avoiding of the damage from the other vehicles, you must be dressed in attractive manner. So please pay attention to the following:

- Please dress in colorful clothing;
- Do not come to close the other vehicle, do not drive in the dead corner of other driver's sight;
- Prohibit to over passing and overtaking.

4. Strictly observe the local traffic regulation.

- Over speed driving is the reason of many accidents, so driving speed must be limited to the range allowed by traffic condition and road condition;

- Turning signal light must be lit when turning or changing the lane to attract the attention of other driving and passerby.

- Do not make show with your bike.

5. Driving with special attention at cross road or parking exit.

6. When driving you must hold the handlebar with both hand and rest your feet on the step.

Protective measures

1. For your safety, the rider and passenger should take on safety suits, wear helmet, dust proof glasses and gloves etc.

2. Do not dress in loose clothing, it may be caught by handle lever, foot step bar or wheel to cause danger.

Vehicle refit caution

Refitting the motorcycle or replacing the original device at will, would leave the motorcycle in the dangerous situation. The customer must obey the regulation of motorcycle using traffic management department.

Loading of goods

1. Handle feeling will change with load and no load. Be careful, when the load is overweight, the handle is easy to swing and overload driving should be avoided.

2. All goods must be fixed firm on the motorcycle to ensure that driving vibration does not change the center of gravity and the motorcycle remains stable while driving.

3. The center of gravity of loading goods should be close to the center of gravity of the vehicle and loading weight at two sides must be equal approximately. Otherwise, it will affect the operation of the vehicle at various degrees.

4. After mounting goods, inspection must be carried out to prevent the goods from falling or losing.

5. Do not put the goods on the handlebar, cushions or fender.

6. This motorcycle designed for one driver and one passenger.

7. Overloading or improper loading may cause accidents or injure to the people.

Attachment installation

If the customer installs the attachment which is not verified by our company, the attention should be paid to the following points:

1. The installation of the attachment must not affect the travel of the cushion, position of light and turning angle of the handlebar.

2. The attachment installed should not hinder your motorcycle operation using your hands and feet. Otherwise, it is no use of handling of emergency event.

3. Do not install the electric apparatus, which its power is higher than specified, Otherwise the fuse will be burned or the electrical system will be in trouble due to low voltage.

Safety use of the headlight

The headlight is cooled by air during riding, no cover such as a poncho allowed to cover headlight surface preventing from deformation due to poor cooling.

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Vehicle identification number

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Vehicle identification number

VIN and motor number are the numbers should be remembered by customer, it is convenient to register or order the parts.

1. **VIN** is engraved on main pipe of frame front part (Lift VIN cover, you can see it);

2. **Statutory plate** is riveted on under the right side of the frame.

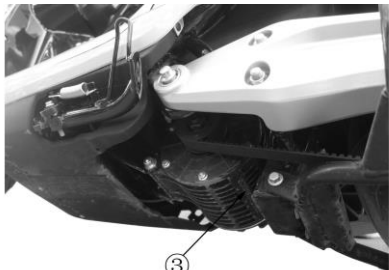


①VIN

②Statutory plate

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3. **Motor number** is engraved at side of the motor at body bottom;



③Motor number

Product standard number

Q/ML J021009

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Parts installation position

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Head Parts



- | | | | |
|-----------------------|----------------------|----------------------------------|-----------------------|
| ① Ignition switch | ② Start, gear button | ③ Accelerator grip | ④ Front braking lever |
| ⑤ Double flash switch | ⑥ Meter | ⑦ Overpass switch | ⑧ Rear braking lever |
| ⑨ Dimmer switch | ⑩ Turning switch | ⑪ Horn, constant cruising button | |

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Frame left side



- ① Side stand ② Main stand ③ Left rear foot step ④ Rear handhold

Frame Right side



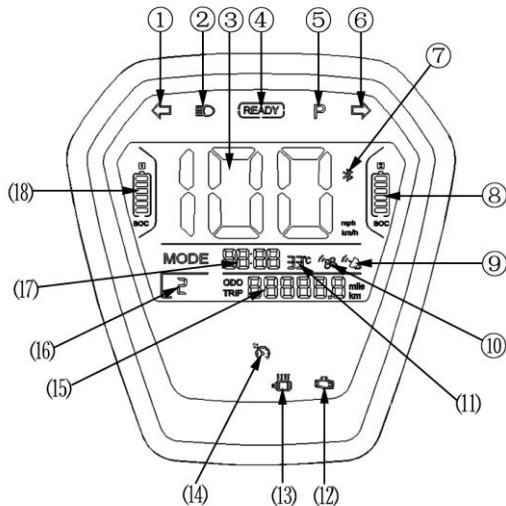
- ① Charging port ② Right rear foot step ③ Met-in box (Open the seat)

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Important parts system

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Instrument panel and signal system



①**Left turn indicator:** Turn on left turning light switch, it flashes.

②**Hi Beam indicator:** When Hi-Beam headlamp is lit, it comes on.

③**Speedometer/Trouble code :** Displays transient speed or trouble code when there is a trouble.

④**READY indicator:** After power is on press the start button, the vehicle is ready for driving, the indicator lights.

⑤**P-gear indicator:** This indicator comes on when the side stand is put down, the vehicle cannot be drove.

⑥**Right turn indicator:** Turn on right turning light switch, it flashes.

⑦**Blue tooth indicator:** It comes on while your mobile phone connected with Smart controlling box.

⑧**Battery 2 power indicator:** This symbol indicates the current state of charge and discharge of the left battery pack. The last grid flashes when the battery charge is less than 10%.

⑨**Signal strength of mobile network:** When the mobile phone and smart controlling box are normally connected, the mobile network signal is strong and this indicator is always on, when the signal is weak, this indicator will flashes.

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⑩**GPRS signal strength:** When the mobile phone and smart controlling box are normally connected, the **GPRS** signal is strong and this indicator is always on, when the signal is weak, this indicator will flashes.

(11)**Displays Environmental temp**

(12) **System Failure:** When the power system failure affects driving, this indicator comes on.

(13) **Power system overheat:** When the power system temperature is too high to affect the normal driving, this indicator comes on.

(14)**Constant speed cruise indicator :** When the vehicle is in constant cruise mode, this indicator comes on.

(15) **Mileage display:** Display the accumulated mileage value (Within 10 seconds of power on) and trip mileage value.

(16) **Gear indicator:** Displays the current power train drive gear.

(17) **Display the clock**

(18) **Battery 1 power indicator:** This symbol indicates the current state of charge and discharge of the right battery pack. The last grid flashes when the battery charge is less than 10%.

Braking system

This model use hydraulic combined brake system or front/rear hydraulic brake system, When buying, please take actual motorcycle as reference.

Hydraulic combined brake system, Use front brake lever to brake front wheel, use rear brake lever to brake both front and rear wheels.

Check the hydraulic brake system before driving (The brake pipe assembly and other devices are cracked and leaked).

1. Grip and release front braking lever or rear braking lever several times to see whether braking fluid leaks or not;

2. Check the wear condition of the brake disk;

3. Front braking lever and rear braking lever must have some resistance.

Cautions:

■ **Do not ride with newly installed braking pad, you first grasp and release the braking lever for several times to extend the braking pad fully and restore normal resistance, make the fluid circulation stable.**

■ **Check front and rear wheel to see whether it turns freely.**

Rear brake lock

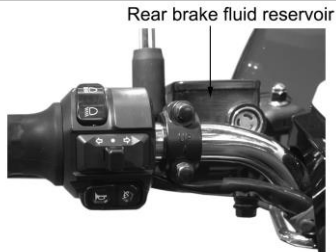
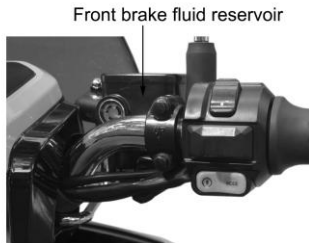
When parking, grasp rear brake lever, then push rear brake lock lever forward to brake the rear wheel.



Check brake fluid

1. Rest the motorcycle vertically;
2. Check the right side front brake reservoir lie to handlebar is in level position or not, check the fluid level whether it is higher than LOWER mark or not;
3. Check the left side rear brake reservoir lie to handlebar is in level position or not, check the fluid level whether it is higher than LOWER mark or not;

If any braking fluid reservoir's fluid level is lower than LOWER mark, or free play of front braking lever and rear braking lever exceeds its limits, please check the brake pad is wear or not, if not, it might be leakage. Please send to your dealer for repair.



Cautions:

■ Braking fluid should be handled properly, it may damage plastic parts and paint surface.

■ When refill the braking fluid, make sure the reservoir is in level position then remove the reservoir cap, otherwise the fluid will flow out.

■ Use DOT3 or DOT4 braking fluid in fully sealed container only.

■ Do not mix the pollutants such as oil, mud or water into reservoir.

■ When check the fluid level whether it is higher than LOWER mark, the motorcycle must be rested vertically.

■ Braking fluid will produce inflammation in skin, you should avoid it getting contact with your skin and eyes. If the fluid splash onto your skin, wash it away with flowing water thoroughly, if the fluid splash into your eyes, go to doctor at once to look for the cure.

■ Do not use mixed braking fluid with different types.

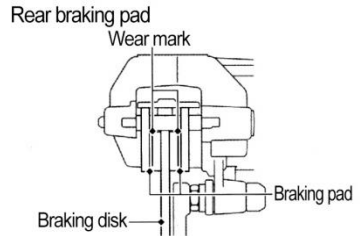
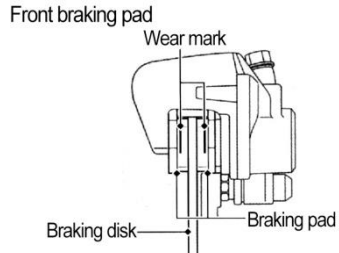
■ When removing the front and rear wheel with disk brake, do not grip the braking lever. Otherwise piston will be pushed out, at this time the braking system should be serviced and repaired.

Wear of the braking system

Before riding, you should check front and rear braking system:

Check the thickness of braking pad and disk, check the wear mark on each braking pad, if any braking pad wears to its wear mark, you have to replace both braking pads.

If the braking disk thickness wears to its wear mark, a new disk must be replaced.



Controlling system

Key

This motorcycle equipped with a smart key and an emergency mechanical key.

Emergency mechanical key

Emergency mechanical key is used to open the seat in case of emergency.

Insert the emergency mechanical key into the seat lock hole at the bottom left of the rear of the seat and rotate clockwise to open the seat lock.

When locking the seat, put the seat down and press the rear part of the seat downward lock the seat with a click sound. Before you drive, the seat must be locked.



①Emergency mechanical key

Caution:

■ Do not store the emergency mechanical key in the met-in box under the seat.

Smart key

Button function

①Unlock

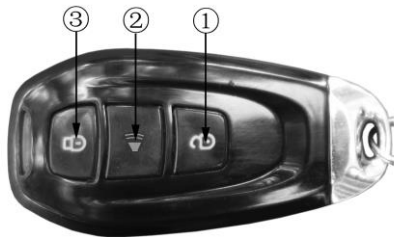
Press this button to unlock the system, blue light of ignition switch comes on, ignition switch can be operated.

②Search for

Press this button, turning lights flash all and there is buzzer sound after 5 seconds.

③Lock

Press this button, system locked and the red light of ignition switch flashes, ignition switch cannot be operated after the red light goes out.



①Unlock ②Search for ③Lock

Notice : ■ Smart key has electrical circuit on it, it may not work normally if the electrical circuit damaged.

■ Do not let the smart key falling to the ground, or put heavy stuff on the smart key.

■ Keep the smart key away from direct sunshine, high temperature and high humidity.

■ Please do not scratch or puncture it.

■ Please do not store it with any magnetized goods.

■ Keep it away from electrical device such as TV, Radio, Computer or Low frequency massage device etc.

■ Keep smart key away from liquids, wipe it dry with soft cloth at once if liquid splashes on it.

■ When washing the motorcycle, Keep the smart key with you.

■ Do not burn it.

■ Do not clean it with ultrasonic cleaning machine.

Caution :

■ If the smart key is stuck with fuel, wax or grease, please wipe it off immediately to avoid cracking or warping.

■ Except for battery replacement, do not dismantle the smart key.


■ If the smart key lost, contact your local dealer for key replacement.


■ Do not store mobile phone and other radio emitting device in glove boxes, radio frequency from this device may interfere with the smart key system.


■ If the smart key is within working range of the motorcycle, anyone can unlock ignition key to start the engine. Even you are in other side of a wall or windows. So if you are away from motorcycle please turn off the power cut-off switch.

Ignition switch and steering head lock

Unlocking the system, turn ignition switch to following positions:

“” (Locked): The steering head locked, vehicle has no power, vehicle cannot be drove.

“” (Off): The vehicle has no power, vehicle cannot be drove.


“” (On): The vehicle has power, the vehicle can be drove.

“ SEAT ” :
Press to open the seat. The vehicle has no power. The vehicle cannot be drove.





Operation before driving



1. Bring the smart key to 1.5m away from the vehicle.


2. Press ignition switch knob for 0.5s above it match with the smart key, After matching, the blue light of the ignition switch comes on. Meantime ignition switch knob can operate, turn ignition switch to “” position, the power is on for the vehicle.

3. Press start button , READY indicator is on, the vehicle can be drove.


Operation after driving

1. Ignition switch can turn directly from “” to “”, meantime, the blue light is out, the vehicle has no power;

2. To lock the steering head, turn handlebar to full left, turn ignition switch knob to “” position and press downward, then turn to “” position. The blue light is out then the red light flashes three times then goes out, the steering head is locked.

3. If the handlebar do not turn completely left, press and turn ignition switch cannot turn to “” position due to too much resistance, the



handlebar should be slightly turned until lock tongue extend into lock hole and press the button again to perform the locking action.

4. When unlocking, take the key with you to turn ignition switch knob to “” position to unlock.


Caution: ■ Do not turn ignition switch at will when driving. This may cause accident.


■ Lock steering head you must turn handlebar to full left position.

■ Turn handlebar slightly to ensure steering head lock up after lock operation.

■ Please confirm that the ignition switch knob is in “” position or “” position before you leave.

Antitheft warning function

1. When the vehicle is in non “

2. When the vehicle is in non “

3. When the vehicle is in antitheft warning function mode, If there is abnormal vibrating and pushing or ignition switch abnormal, the buzzer and left and right turning light will beep and flashes for 5 seconds to warn.

4. When the motorcycle is in the antitheft warning, the warning can be relieved by pressing unlock button of the key.

5. Sensitivity of antitheft can be adjusted through smart App.

Left handlebar switch

①Over-pass switch

Press this switch, Hi-beam light goes on, release button, Low-beam light goes on. When over passing, repeat to press overpass button to improve safety.

②Dimmer switch

“☰○”： Indicates Hi-beam is on

“☷○”： Indicates Low-beam is on

③Turning switch

When turning left, push the switch to “←” position; When turning right, push switch to “→” position. When release turning function, press the switch.

④Horn button

Press this button, horn beeps.

⑤Constant cruising button

When driving, When the speed is


stable, keep the handlebar angle, press the button, and the vehicle will start the cruise mode.



- ①Over-pass switch ②Dimmer switch
③Turning switch ④Horn button
⑤Constant cruising button

Right handlebar switch

① Double flash switch

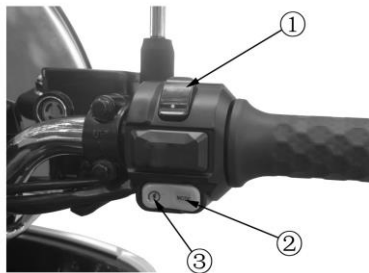
If emergency occurred, the motorcycle must be stopped or parked, press this button all turning lights flash, at this time ignition switch is at “” position.

② Gear switch button

Press this button to switch between different gears.

③ Start button

Turn ignition switch on and return the side stand, press this button, READY indicator is on, the vehicle is ready for driving.

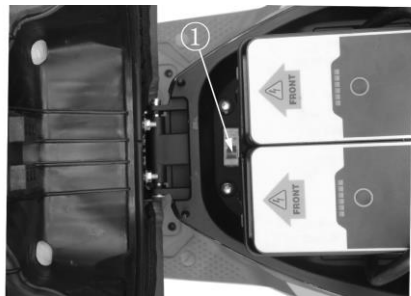


- ① Double flash switch
- ② Gear switch button
- ③ Start button

Power-off switch

Power-off switch located at the front of met-in box under the seat. You can see it when the seat is open.

If the vehicle is not used for more than three days, the power-off switch should be turned off. At this time, the vehicle electronic control system will no longer work, which can effectively avoid battery consumption and maximize the battery life.



① Power-off switch

Smart App

View vehicle information anytime and anywhere.

- More comprehensive riding information
- More intimate vehicle service management
- More open social dynamic experience
- More personalized user depth setting

Please scan the QR code on the right side with your mobile phone, download the App according to the prompt, enjoy smart travelling.



Caution:

- Your phone needs Bluetooth version 4.0 and above;
- iOS version 10.0 and above;
- Android TM version 8.0 and above.

Other parts

Front glove boxes

Push small lid of the front glove box to open front left glove box.

Max. loading capacity: 1.0kg.

Caution:

■ Do not exceed the Max. loading capacity, otherwise, it may affect motorcycle operating stability.

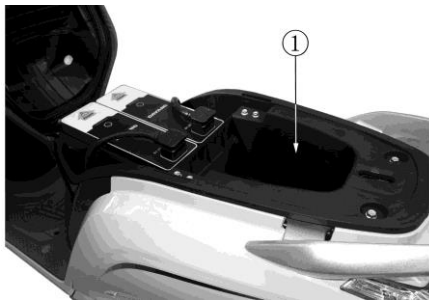


- ①Front left glove box
- ②Front right glove box

Met-in box

Located under the seat. Open and close methods please refer to see the seat lock.

Max. loading capacity: 5.0kg.



①Met-in box

Caution:

■ Do not exceed the max. limits of Met-in box loading capacity. Otherwise, it'll affect stability of the motorcycle operation.

■ Do not spray the pressure water to Met-in box, because the water may flow into met-in box under the water pressure.


USB port

USB port is located in front left glove box.

Provide 5V 2A charging power supply.



Caution:

■ Only ignition switch turn to “” position, USB can charge the device.

■ Do not use USB charging when raining, washing motorcycle or in wet environment.

■ Do not use USB jack in high temperature environment (such as in sunny summer day).

■ When use USB jack to charge device, do not use the device (such as receiving mobile phone or seeing video), you need to remove the connecting line then receive phone.

■ When using the USB jack, do not leave for long time, keep the vehicle under your sight to prevent from accident.

■ When USB jack is not in use, please cap it with protect cover.

■ After recharging or leaving after parking, take charging device with you to prevent from losing.

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Driving Instruction

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Inspection before riding

Without prior driving inspection is main reason for accidents and damages. You must spend some times to do some necessary inspection before your riding. This not only removes hidden danger during trip, but also ensures your driving safety.

1. Brake: Check the brake to see whether it is normal; if necessary adjusting the free play of the brake, but also keeping the braking cable reliable.

2. Tire: Check the performance of the tire and inflated pressure.

3. Lighting and signaling system: Check the working conditions of the headlight, taillight, turning light, braking light, horn and signal indicators.


4. Battery: Check battery plug to see whether it loose or not.

5. Front fork/cushions : Check whether the front fork is loose or not, is the handlebar stuck? Make sure that cushions work well.

Please contact with your dealer in order to give you some training course if you cannot check it by yourself.

Start driving

Starting procedures

- ① Return the side stand
- ② Brake rear brake
- ③ Turn ignition switch knob to “” position
- ④ Press start button, READY indicator of instrument is on
- ⑤ Release rear brake , turn accelerator grip

Warning:

■ To prevent motorcycle sudden rush out after starting, rear braking lever must be grasp tightly before starting.

■ Braking light will goes on when braking.


Driving operation

Before driving, check every parts to ensure it works normal then drive.

1. Make sure accelerator grip is close and rear brake applied before you return the main stand.

2. Stand at left of the motorcycle, push forward to return the main stand.

3. Straddle onto motorcycle from left, sit right, use left foot as support to avoid of falling.

4. Take smart key with you then turn ignition switch to “” position , press the start button, motorcycle will start;

5. Release the rear brake lever and turn accelerator grip gradually, the motorcycle start to go slowly.

6. To reduce the speed, release Accelerator grip.

Note:

■ You should review safety-driving rules in this manual before driving.

■ Must remember to let main stand and side stand returned. Ensure they do not fall off during driving.

Note:

■ The speed is regulated via Accelerator grip, turn Accelerator grip open , the driving speed will increase, increase the speed slowly, When getting start or climbing a slope, you should turn Accelerator grip open slowly to increase the power output. When Accelerator grip returns speed will slow down.

■ Do not turn Accelerator grip open quickly to avoid of rushing out of the motorcycle.

Braking

Using both front and rear brake please when applying the brake.

After accelerator grip returned, hold the front and rear braking lever both tight to brake.

Notice


■ Braking power will be reduced when front brake or rear brake applied only.

■ First reduce the speed then brake when turning, braking while turning can cause motorcycle lose its balance.

■ When driving on wet road or other sliding road, the braking distance will be longer than usual. The driving speed should reduce when braking, you should brake in advance, it may cause the motorcycle lose balance.

■ When driving down along a slope, return the throttle grip and brake intermittently.

Parking

1. When approaching the parking area, turn on the winker in advance and look for coming vehicle from behind and side, return the accelerator grip and apply the brake slowly to turn on the braking light to warn the coming vehicle from behind.
2. When the motorcycle comes to halt, press the turning switch to turn off the winker. Then turn the ignition key to “” position.
3. When parking, you stand on the left of the motorcycle, rest the motorcycle on its main stand on a flat place.
4. To prevent from stealing, you should lock the steering head when parking.

Notice

- You should park the motorcycle on hard surface to prevent from falling.
- When you park on a slope, make the head of motorcycle facing on the upper end to prevent from falling.
- Do not turn ignition switch off during driving. It may cause the accident due to electrical system lose its function.

Service and Maintenance

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Tire

Tire inflating pressure should be proper. Crack, damage and abnormal wear of the tire will cause handlebar unsteady even tire blown, replace at time.

The tire pressure should be checked when it is in cold state, please replace tire according to following table.

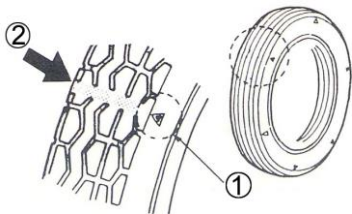
Tire specification		Inflated pressure in cold state (kPa)
Front wheel	80/90-14	225
Rear wheel	90/90-14	225

Remember: ■ If inflated pressure exceeds the standard value, the tire is easy to damage and cause danger; If the tire pressure is under the standard value, it may cause the motorcycle slipping or tire out of the rim. This makes the motorcycle lose the balance.

■ Check tire groove to see whether there is metal pieces, gravel, remove it if necessary.

Tire wears

Tire wears to its limits, it is very dangerous for driving. The tire must be replaced when tire wears to wear mark.



- ① Wear limit mark
- ② Wear limit indicator

Tire replacement

Please use genuine tire, this can ensure motorcycle operability, brake ability, durable and comfortable.

Please use the same tire specification recommend in User's Manual. When replace the new tire, check the tire to its balance.

Caution: (only for vacuum tire)

■ Do not install the inner tube into vacuum tire. Because the overheat may blow the tube.

■ Vacuum tire rim is specially designed. If you use general inner tube may cause sudden air leakage due to sudden accelerating or sudden braking caused inner tube slippery within tire.

Charging

Out of board charging

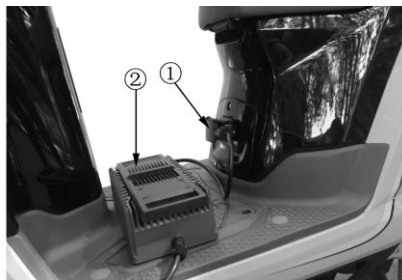
Take the battery out, insert the charger plug into battery charging port, the red light of the charger is always on to remind you of ongoing charging.

On-board charging

1. Put the battery into battery chamber.

2. Connect the cable plug of the vehicle to the battery (If only one battery needs to be charged, put the battery into the battery compartment on the right side of the vehicle, and connect it to the battery with No. 1 cable plug on the right side of the vehicle, otherwise, it will not be charged).

3. Plug the charger plug into the body charging interface. The red light of charging indicator is always on, indicating that charging is in progress.



①Charging plug ②Charger

Charger indicator:

The red light is on: Charging is in progress

The Green light is on: Fully charged

Light is flashing: Standby

Charging environment

1. Please use the original charger of the battery for charging, do not use other brands or models of chargers for charging.

2. Please charge the battery at the ambient temperature of 0°C - 35°C.

3. The charging time do not exceed 12 hours to avoid affecting the service life of the battery.

4. In the early stage of charging, the electric quantity rise faster, and the later period is lower, this is the procedure set for charging safety, which is normal.

5. When charging in winter, when outdoor temperature is lower than 0°C, the battery will stop charging, this is a normal phenomenon. Please charge the battery at a suitable ambient temperature to ensure the charging effect.

6. During the charging process, the aluminum shell charger has a temperature rise effect, and the surface temperature is higher, which is a normal phenomenon, please feel free to use it. Please keep away from the children.

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Notes on charger use

1. The charger can be used only indoor.

2. It is strictly prohibited to charge in confined space or in hot sun and high temperature environment, and the charger shall not be charged in the met-in box or trunk.

3. When charging, plug in the battery first, and then add the main power. When the battery power is sufficient, cut off the main power first and then pull out the battery plug.

4. When the green light is on, the power supply should be cut off in time. It is forbidden to connect the charger to the AC power supply without charging for long time.

5. If the indicator is abnormal or there is rare delicacy or charger shell is overheat during charging process, stop charging immediately for charger repairing or replacing.

6. Do not disassemble or replace the components in the charger by yourself.

7. When replacing the charger, it should match the battery model.

Lithium battery

This model adopts the structure of two lithium battery packs, and the specification of single lithium battery pack is 61.2V 28.6Ah. The motorcycle can be equipped with a single lithium battery pack or two lithium battery packs.

Lithium battery pack can only use original accessories, should pay attention to the following points:

1. When using a single lithium battery pack, it must be placed in the installation position on the right side of the vehicle and connected with the cable plug on the right side.

2. When plugging the cable plug on the lithium battery pack, turn off the ignition switch and disconnect the power off switch on the motorcycle.

Before using battery

1. Please confirm that the battery model is the original battery of the motorcycle before use. Do not use batteries of other brands or models at will.

2. Check whether the appearance of the battery is in good condition, and ensure that there is no obvious phenomenon such as damage, leakage, heating and soaking and smoking.

3. For ensure the safety of transportation, the ex-factory power of the battery is about 30%. Due to the self consumption is low or no during the first use, which is normal, Do not worry, just charge according to the charging instructions.

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Caution:

■ Waste batteries shall not be disassembled without authorization and shall be recycled by relevant professional departments.

Using Environment

The Battery shall be used at $-10^{\circ}\text{C} \sim 45^{\circ}\text{C}$ ambient environment.

The battery should avoid of soaking by water, drink, corrosive liquid.

Keep the battery away from heat source, open fire, flammable and explosive gas (liquid).

Avoid metal foreign matters from entering the battery box.

The attenuation degree of the battery usable capacity varies under low temperature. The specific reference attenuation degree is 70% at -10°C , 85% at 0°C , 100% at 25°C .

If the battery has peculiar smell, heating, deformation and other abnormal conditions, please stop using it immediately, keep away from the battery and contact your local dealer.

Warning: ■ The battery is not a user repairable part. If there is any abnormal phenomenon, please contact your local dealer for repair. Dismantling the battery without permission will not enjoy Guaranty policy, and may lead to the battery heating, smoking, fire or explosion.

Storage environment

1. If the battery is placed on motorcycle, it will consume the battery power in real time due to the operation of smart system and alarm system. It is normal the meter display power level decreases after the storage of period times. It is normal if the battery consumption is 5% around for storage of 8 hours.

2. Please store the battery at ambient temperature of $0^{\circ}\text{C} \sim 25^{\circ}\text{C}$, if the ambient temperature is higher than 40°C , the battery will lead to irreversible capacity degradation.

If the motorcycle is not used for a long time(Such as in winter, summer or other special circumstances), the battery must be taken out and stored separately, and regularly maintained and charged. Otherwise, the battery may be

completely exhausted and irreversible damage may occur. For such problems, battery failure will not be within the scope of guarantees.

3. The most suitable storage capacity of the battery is 50%. If it is lower than 10% or higher than 90% for a long time, it will lead to irreversible capacity degradation.

4. Self consumption protection mode for safe storage of lithium batteries:

(1) If it is not used for a long time, it is stored on the motorcycle (the power plug is connected), and the maximum safety period is one month when the power is 100%. Otherwise, the battery may lose power and cannot be repaired.

(2) If it is not used for a long time and the power is not less than 50%, it is stored separately or stored on the

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vehicle (with the power plug removed), the maximum safety period is three months. Otherwise, the battery may lose power and cannot be repaired.

5. Avoid storing the battery in a place with a risk of falling, which may cause uncontrollable damage inside the battery and may cause leakage, heat, smoke, fire or explosion of the battery.

Caution: ■Above mentioned improper use may cause the lack power of the battery, it is not covered by guarantee.

Using cautions of the battery

1. For the first use, please exhaust the battery power as much as possible, and then use it with full charge, and cycle for 2-3 times to achieve better results, so as to ensure that the actual capacity of the battery and the instrument display are more accurate.

2. The battery charge should be kept at least 20% in the later period. Charging in time can prolong the service life of the battery.

3. In normal use, it is recommended to use 1 gear speed, start slowly, operate the power on accelerator grip, and gradually accelerate, which can extend the battery range.

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4. The actual capacity of the battery and the display of the meter will deviate with the increase of battery usage times. Please fully discharged the battery regularly (no more than 3 months).

5. It is recommended to check the power plug of the battery every two months to confirm whether the contact spring has carbon deposition and oxidation blackening. If so, ask your local dealer to maintain.

Cautions:

■ **Avoid the battery from raining or flushing, and do not soak the battery in water. Do not wade over the bottom height of the battery compartment. Otherwise, it may cause water intrusion, internal short circuit and permanent failure of the battery. It is strictly forbidden to charge the motorcycle or battery again, otherwise it will cause fire, combustion and explosion of the battery. Please hand over the battery to your local dealer to maintain.**

Fuse

If the fuse often burned due to short circuit or overloading of electrical system, please ask your local dealer or service station to repair it for you, when check or replace the fuse, turn ignition switch off to prevent from short circuits. (turn to“”position) .

Warning:

■ Prohibit using other rating fuse, this will damage motorcycle's electrical system , even worse cause the fire.

■ Please specified electrical products, otherwise fuse may be blown, battery load may lose balance.

■ When washing, do not flush with water.

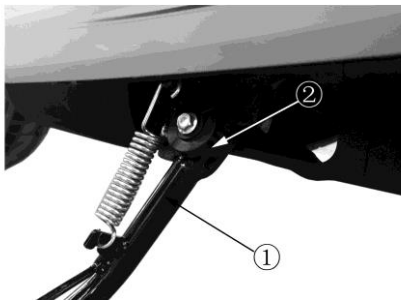
Side stand

The side stand uses not only for support the motorcycle when stopping, but also as a safety mechanism shut down switch, when the side stand is not returned, the vehicle cannot be operated.

Caution:

■ When driving on muddy road, please wash side stand shutdown switch in times.

■ When side stand shutdown switch is abnormal, Please contact your local dealer to repair it.



① Side stand

② Side stand shutdown switch

Storage for long time parking

Storage and maintenance

The motorcycle parked for long time must be stored against moist, sunlight, rain to prevent from accidental damaging. Before parking you should take the following procedures and store the motorcycle.

1. Take the battery out and place it in a cool and well-ventilated area;
2. Wipe and clean the motorcycle, spray the fixing agent on colored part, oil on easy rusted part.
3. Inflate the tire to specified tire pressure, and support the motorcycle with two wheels in the air.
4. Put the cover onto motorcycle.

Restore to use

1. Take the cover off and clean the motorcycle.
2. Recharge the battery and install it;
3. Inspection should be carried out before riding, give a trial riding in low speed in a safe place.

Cleaning

Cleaning of the motorcycle periodically will be a help of keeping the painting coat bright, this make you can find the worn, damage and leakage troubles of the parts.

1. The motorcycle should be washed again after it is cleaned, in order to wash out the accumulated dust and avoid it from becoming rusty. The plastic parts should be cleaned with clothes or sponge that were soaked with neutral cleaning agent, and wash it with fresh water again.

2. After drying with air, rest the motorcycle on its main stand, run for several minute.

3. The brake should be inspected several times before riding, if necessary, repair and adjust it.

Warning:

■ **Washing with high-pressure water maybe damage some parts. The following parts cannot be washed with water: Ignition switch, under of seat, wheel hub, met-in box.**

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Main technical data

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Main technical data**DY3000DT**

Item	Data	Item	Data
Overall length (mm)	1841±55	Driving type	Propulsion Motor
Overall width (mm)	684±20	Rated output Power (kw)	3.0
Overall height (mm)	1132±33	Max. speed (km/h)	75
Wheelbase (mm)	1260±34	Climbing ability	23%
Vehicle kerb mass (kg)	120	Battery range (km)	180
Tyre spec.	Front: 80/90-14 Rear: 90/90-14	Battery type	Lithium battery
Tyre pressure (kPa)	Front: 225 Rear: 225	Power capacity	61.2V 28.6Ah
Max. load (include driver) (kg)	150	Number of battery	2
Maximum technically permissible mass (kg)	275		

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Main technical data**DY1500DT Single battery type**

Item	Data	Item	Data
Overall length (mm)	1841±55	Driving type	Propulsion Motor
Overall width (mm)	684±20	Rated output Power (kw)	1.5
Overall height (mm)	1132±33	Max. speed (km/h)	E25: 25
			E45: 45
Wheelbase (mm)	1260±34	Climbing ability	23%
Vehicle kerb mass (kg)	105	Battery range (km)	90
Tyre spec.	Front: 80/90-14 Rear: 90/90-14	Battery type	Lithium battery
Tyre pressure (kPa)	Front: 225 Rear: 225	Power capacity	61.2V 28.6Ah
Max. load (include driver) (kg)	150	Number of battery	1
Maximum technically permissible mass (kg)	275		

Main technical data**DY1500DT Two battery type**

Item	Data	Item	Data
Overall length (mm)	1841±55	Driving type	Propulsion Motor
Overall width (mm)	684±20	Rated output Power (kw)	1.5
Overall height (mm)	1132±33		Max. speed (km/h)
			E45: 45
Wheelbase (mm)	1260±34	Climbing ability	23%
Vehicle kerb mass (kg)	117	Battery range (km)	180
Tyre spec.	Front: 80/90-14 Rear: 90/90-14	Battery type	Lithium battery
Tyre pressure (kPa)	Front: 225 Rear: 225	Power capacity	61.2V 28.6Ah
Max. load (include driver) (kg)	150	Number of battery	2
Maximum technically permissible mass (kg)	275		

Note: All parameters are obtained according to correlative standards in the Lab.