

Sporty 150 DE

**TK150T-10
MOTORCYCLE
DESCRIPTION BOOK**

PREFACE

Thank you for your electing and purchasing motorcycle model 50QT-20 with pedal style.

It adopts the high quality engine produced by the advanced technology, and elects the excellent spare parts to assemble the body. So it is one of the fashion high motorcycles and has a lot of excellent performance example for large horse- power, low noise, electric ignition, electric starting, frame body with protecting advice, actively reactivity, driving actively, the super performance of CBU etc.

The book describes the simple ways of maintaining and operating, if any changing, we will not notice you.

In order to assure your safety and freely driving, please read the book with carefully, and operate it as per the way in book.

CATALOGUE

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1. ITEMS FOR SAFELY DRIVING

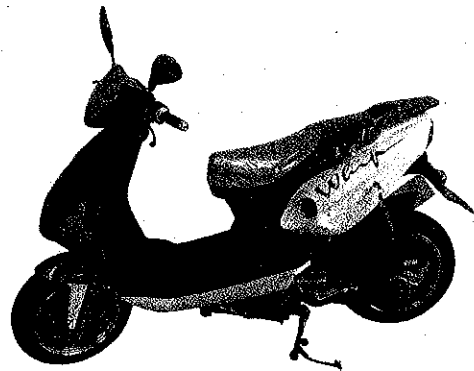
When driving , please keep the relaxing moon and wear comfortable clothes, obey the traffic rule and prohibit making the moon impatient.

NOTICE

The driver must not wear the loosing and too long clothes, which avoids happening the accident.

Don't make the body touch with the muffler, whose temperature is very high after burn-out within 30 minutes, when stopping

Please sparking the vehicle on the ground away off the dry grass and tinder, avoid the accident.



When driving, catch hold of the steering bar by hands, and don't operate it by hand, if else this is very danger.

When driving, please wear shoes in order to assure your safe.

WAY OF DRIVING

- Please keep the natural posture to drive.
- When the vehicle is in the position of swerve, please especially note driving.
- The safely performance is effect on the seat, please keep the posture of seat right
- Please notice the driving on the condition of the crash and broken road.

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LOAD

- When loading, please drive carefully and avoid overtaking load.

Please pay attention to taking off the vehicle because the muffler pipe's temperature is very high

- It is relation between the structure and the performance, if any changing, it will happen accident.

Please remote the vehicle in structure because the law prohibits this.

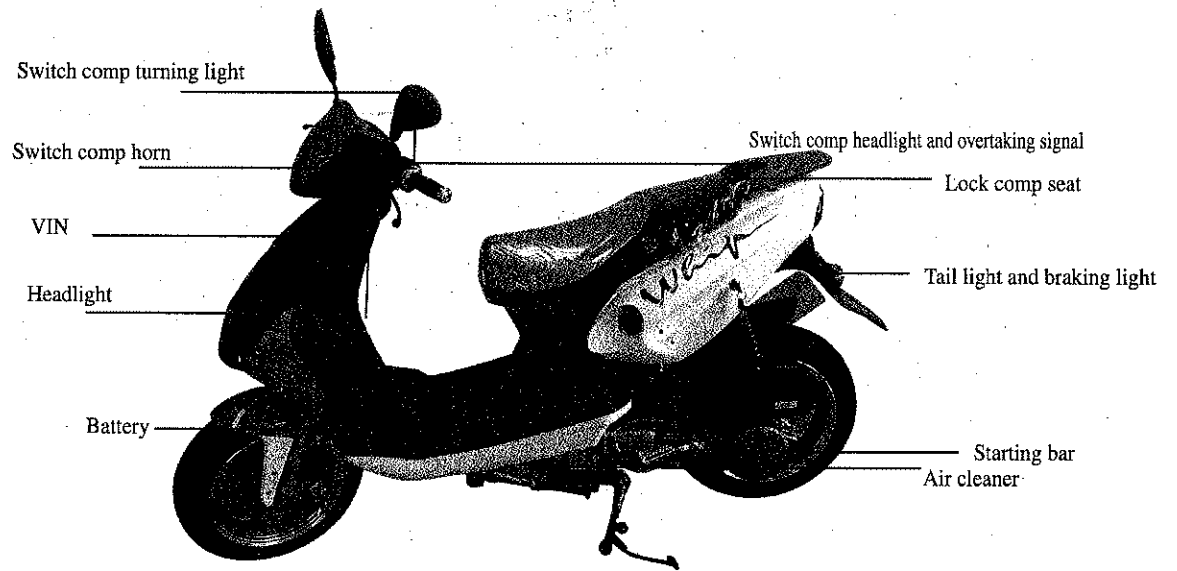
After remote the vehicle, it will lose the normal function.

NOTICE

- Must not place the cloth under the seat, if else, will happen accident.
- Must not place the matter between the outer cover of body and the engine, in order to avoid happening the accident.
- Must not place freely the matter besides the appointed positions, in order to avoid the accident.

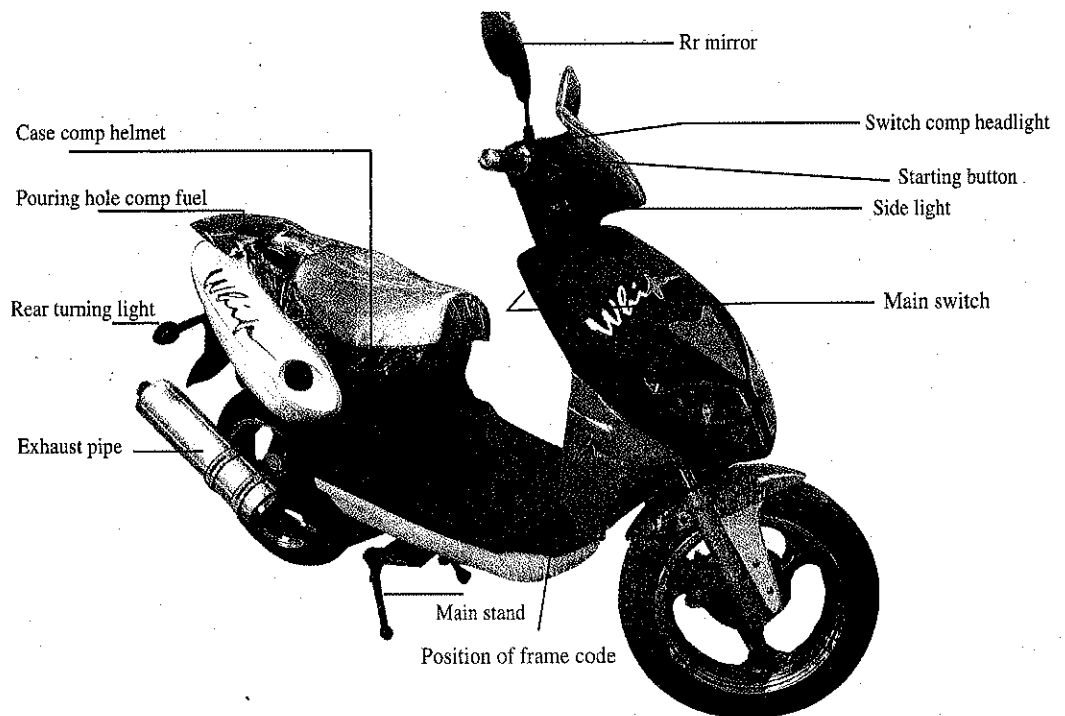
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2. ALL PARTS NAME



- 4 -

2. ALL PARTS NAME



- 5 -

3. ALL PARTS OPERATE

① Speedometer

Driving speed is standard per h/s.

② Mileage meter

Shows total mileages , white bottom and black words indicate 100m Unit.

③ Beam indicator

The light is switched on, which indicates the beam lighting.

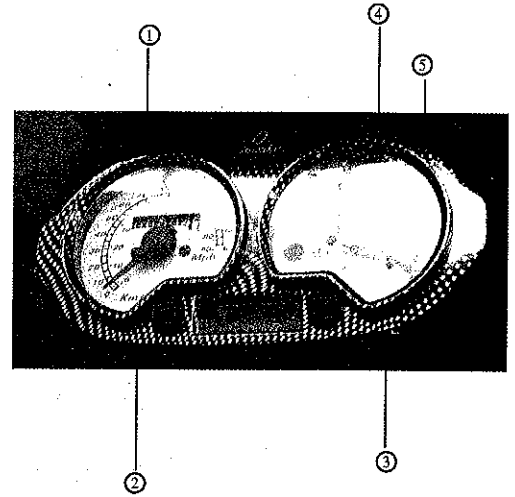
④ Turning light

When operate the switch, the indicator is switched on.

⑤ Fuel meter

When the hand of meter shows the red area, the remaining fuel is about 1.2 L, please add up the fuel No.90#.

When adding up fuel, don't bring other things into it, in order to avoid the engine lose in the trouble



■ MAIN SWITCH

OFF

- The engine electric resource is cut off and the engine is stopped
- The period of stopping , the key is turned down.

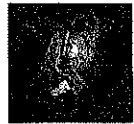
OFF



ON

- The engine electric resource is touched with and started.
- When driving, the key is not turned down.

ON



LOCK

- Locked the steering bar in order to avoid theft.
- The key can be turn down.

LOCK



NOTICE

- When stopping, must lock the steering bar and turn out the key, in order to theft.

■ STARTING BUTTON

Please catch hold of front and rear braking bar, when using electric starting, so that the electric resource can be touched.



■ SWITCH COMP HEADLIGHT

- Sidelight and speedometer light are shut off.
- ☾ ● Sidelight and speedometer light are switched on (when the engine does not start, the lights are not switched on.)
- ☀ ● The headlight is switched on. (when the engine does not start, the lights are not switched on.)



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■ CHANGING SWITCH COMP HEADLIGHT SWITCH COMP OVERTAKING

- HI ➡ When using the beam light, please use the position.
- LO ➡ Warning light show flashing lighting to warn the front vehicle.
- PASSING ⬇ When changing switch.



■ HORN BUTTON

When main switch is the position of "ON", put down the horn button.



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■ SWITCH COMP TURNING LIGHT

When changing road or swerving, please uses turning light, when shut off, the turning light will flash.

- ⇐: Use it when turning left
- ⇒: Use it when turning right

- When loosing, change the turning winker.



NOTICE:

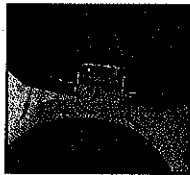
- Please return it after using because the turning light can resolve automatic, if else will effect on other safe.
- When main switch is the position of "OFF", turning light can auto operate.

■ LUBRICATING OIL FOR WARNING

When driving, if the warning machine rings, please add up fuel.

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■ KEY COMP HELMET



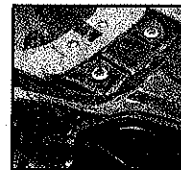
Way of using

- (1) Open seat and wrench off it.
 - (2) Tie the metal key into the hook.
 - (3) Put down the seat, and it auto lock.
- * When bring out the helmet, please operate in contrary way.

NOTICE:

When driving, please don't place the key in the vehicle, so that avoids damaging the painting.

■ CASE COMP HELMET



NOTICE:

- The max load weight: 10Kg
- Confirm whether the seat is locked.
- Don't place the low heat-resistant goods, foods and tinder into the case, because the temperature of engine.
- Don't place the expensive goods into the case.
- Be careful not to put the water into the case when washing the vehicle.

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■ STEERING BAR COMP KEY

Please lock the key of steering bar in order to avoid to theft.

(way of locking)

Turn the steering bar left and insert the key into " LOCK "



(way of resolving)

Turn the key to " OFF ", and auto resolving.

NOTICE:

- After locked and turn steering bar, confirm whether it is locked.
- When driving, please doesn't turn the key to the "LOCK", if else will happen accident.
- Must not stop the vehicle on the busying traffic place. And the exhaust pipe shall against well.



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■ STARTING WAY OF ENGINE

Please check the fuel and oil before starting.
Support the main stand when starting engine.

1 Draw the rear braking bar urgently.

NOTICE:

Please lock the rear wheel so that the vehicle can not rush out.

If the clearance of rear braking bar if not proper, the rear wheel can not be locked, which will happen to accident.



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4. Normal way for driving

1 Spring the main stand firstly

- Please keep the rear braking on the condition of braking and push back body, the main stand will auto spring up.

NOTICE:

- Before driving but starting engine, don't add up oil and speed up.

- Take on in the left of body, and confirm you seat right.

NOTICE:

- Before driving, please keep the braking on the condition of braking, and please don't speed up the engine.

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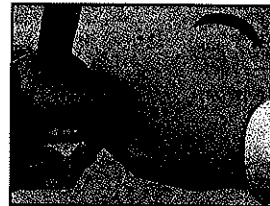
2 LOOSEN THE REAR BRAKING ROD



NOTICE:

- When resolve the rear wheel lock, the throttle doesn't add up oil, if else will happen danger

3 Turn the bar of throttle and the vehicle will move slowly.



NOTICE:

- Must not quickly speed up, if else will happen to accident.

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4 RIGHT DRIVING

Before driving, please open the turning light and confirm all things are OK to drive.

CONTROLLED THE SPEED OF ADJUSTING BY THROTTLE BAR

From inner to outer: the speed will become fast.

Please slowly add up oil

When starting or climb, the throttle bar slowly remove, the power will become large.

Return original: the speed will become slow.



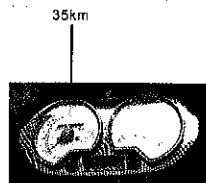
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RIGHT DRIVING IS VERY IMPORTANT TO LONG USAGE OF ENGINE IN THE MESHING OF NEW.

- Please keep up the speed under per hour 1500km when driving for 1500km, details are as follows:

Mileages(km)	0-300	300-500	500-1000	1000-1500
Speed(km/h)	< 20	< 25	< 30	< 35

- Avoid speed up quickly
- After meshing, change oil and gear oil in crankcase in the condition of heat.
- When driving mileages is above 1500km, avoid driving for long time with full throttle, and pay attention to drive with shift gears.



When braking, please use the front and rear braking

- Catch hold of braking rod when return throttle to the CLOSE.
- When braking, firstly front braking bar shall slowly operate.



NOTICE:

- Pay attention not to using single wheel braking because of effecting on sliding.
- When driving, avoid using urgently braking, if else will happen to accident.

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■ Don't urgently braking and swerving

- Don't urgently braking and swerving, which is very danger.

■ Pay attention to driving in wet day

- It is different to road between the wet and sunny day, the braking distance shall long and slowly driving.
- When climbing, return the throttle bar to the position of closing, and braking constantly.

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■ Way of sparking

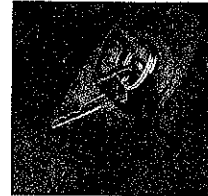
① Approaching the sparking place

- Open turning light and pay attention to rear and side vehicle.
- Return turning bar the original and brake front and back, with the rear braking light lighting to warning the rear vehicle.



② Stop the vehicle

- Return the turning light to original, and wrench the main switch to the "OFF".



NOTICE:

- When driving, if shut off the main switch and turn out the key, the electric system will lose function, and will happen to accident. So operate it when stopping

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3 When stopping

Support the main stand.

- Support the main stand on the smooth ground.
- Catch hold of the handle bar by left hand, draw the under seat by right hand, and step the main stand by right foot.

4 Should lock handle bar to avoid to theft and turn out the key.

(please Reference page 12)

5.INSPECTION BEFORE DRIVING

■ Inspection before driving

Shall have habit of inspection before driving.

In order to your safety and avoid to happen the trouble, must check before driving. If have any questions ,please contract the seller.

3 INSPECTION OF BRAKING

The braking bar has proper clearance.

The proper clearance is about 1-2 cm

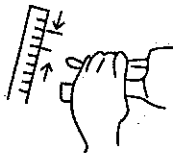
(FRONT WHEEL)(1-2cm)

ADJUSTING OF FRONT WHEEL BRAKING

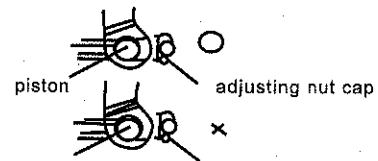
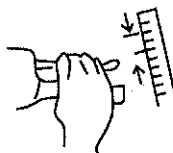
(Adjust the Fr braking)



(Fr wheel)
(1~2cm)



(Rr wheel)
(1~2cm)



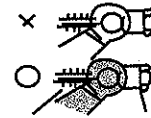
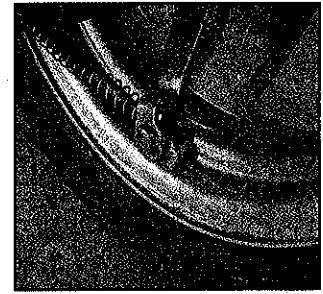
NOTICE:

- After adjusting braking, please adjust the nut cap, in order to keep the danger away off the driver

(INSPECTION OF REAR WHEEL)

Is braking performance good?

Please move slowly, and confirm the function of front and rear braking.



pistm adjusting Nut cap

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Right way of maintaining and table

In order to assure your safety, keep the performance gooe, reduce the pollution, please you check the vehicle.

I: inspection, if necessary washing, lubricating, adjusting, or replacing A:adjusting C: washing R replacing T locked

Item	Mileages(Km)												
	300	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000
Gear oil	R		R		R		R		R		R		R
Carburetor	Cleaning it every 1000Km												
Air cleaner					I				I				I
Battery electrolyte	Washing the core every 2000Km, changing it every 5000Km												
Fuel filter		I	I	I	I	I	I	I	I	I	I	I	II
Oil filter	Washing it every 1000Km, if necessary replacing it.												
Oil pump					C				C				C
Braking system	I				I				I				I
Drive belt		I	I	I	I	I	I	I	I	I	I	I	II
Screw nut									I				
Exhausting air depth	T					T					T		
Please check, adjust, avoid polluting													
The above item will change because of different of all kind. Operate as per the above table Please wash it frequently when driving on the dust place.													

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■ Inspection of battery electrolyte

1 It adopts non-adding battery or adding electrolyte battery

Non-adding water battery is not be checked.

NOTICE

- The closed non-electrolyte battery in not be resolved.
- The battery will auto charge because of stopping to using for long time and the electric energy will reduce. So the battery shall restore at the cold place.
- Please turn down the battery of cathode.

When use adding up electrolyte battery, the lever of liquid keep between the upper and under limit;if the liquid will not adequate, please add up the liquid.

2 Head of battery

When washing the head of battery, please remove the three screws of battery and turn down cover of battery.

After washing, please paint the butter or Vaseline on the battery and assemble the battery.



NOTICE

Must shut off electric resource when taking down, and put down cathode, when assembling, please fit anode and cathode.

When the screws loosen, please lock it.

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■ REPLACING OF FUSE

Shut off the main switch and check the fuse is scold.

When replace the fuse, please make the same spec fuse into it.

When replacing the fuse, please find out the clause of scold.

Remove the screw and open cover, the fuse is found in fuse case.

Open fuse case, take out fuse and draw it out of case.

The fuse spec: 7A



When replacing the electric system, please use the appointed spare parts.

If using substandard fuse, the power will not be adequate.

Washing vehicle, avoid rushing by water.

NOTICE

When removing, don't extend the guiding ring.

When assembling, please confirm the head of guiding ring is loos.

Must not use the fuse exceed the spec, if else will happen to accident.

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7.DATA TABLE

Size:length x width x height mm	1800 x700 x 1100	The min consuming fuel g/kw.h	544
Wheel base mm	1300	The min ground gap mm	130
Dry weight kg	120	Engine model	sigle cylindere,two stroke air force coding
The max loading kg	75	Type	1P57QMJ
Fuel tank capacity L	4	Bore x stroke (mm)	57.4 x 57.8
Oil tank capacity L	1.5	Capacity (c c)	40
Fuel model	90 #	Compress ratio	9.2:1
The max speed km/h	60	The max power Kw/r /min	8.2/7500 ± 350

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Starting		Electric kick starting		
Ignition system		CDI	Battery	12V4Ah
Spark plug		ETTC	Headlight	12V 35W
Lubricating system			Tail light/braking light	12V 18W / 12V.8W
Clutch		auto centrifugal	Winker comp fr l,r	12V 10W
			Speedometer indicator	12V 3W
Wheel	front	120/70-120	Fuse	12V 10A
	Rear	130/70-120	Turning indicator	12V 3W
			Beam indicator	12V 3W

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8. Electric principle Drawing

