

PREFACE

We are very appreciated that you elect and purchase our productions.

This kind of motorcycle is super pedal, and adopts the excellent parts to assemble with a lot of functions as follows: large powers, low consuming oil and noise, advanced instruct, good outer looking, elegance and style, safe driving and comfortable and so on.

The book contents all ways for maintaining and checking it. Any difference against actual motorcycle, please do as per the real. We have the right to change any contents in it without notice.

Please you carefully read the book before driving in order that you can safely and comfortable drive per as stated.

Any difference against real motorcycle because of constantly advanced technology, please you forgive us.

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ACKNOWLEDGE FOR SAFELY DRIVING

* Basis acknowledge for meshing

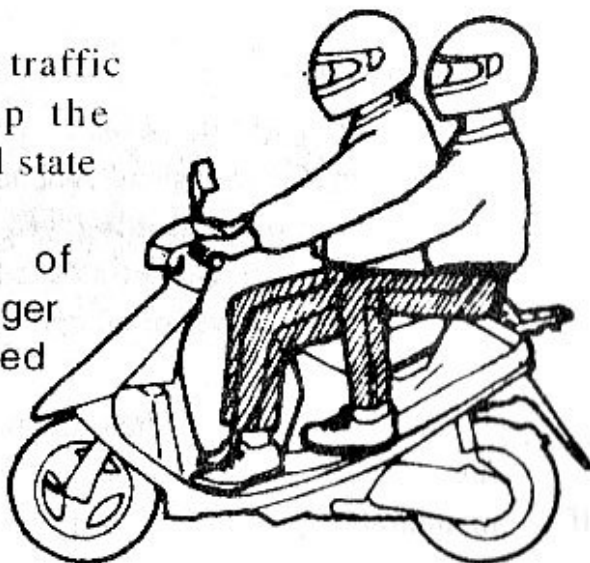
The first of 1000km is the most important position in the usages for motorcycle, in the period of time if can mesh correctly it, we can cable to keep the functions work and extend the usage. Please reference for page 25.

* Description of noting items

Pay attention to the words "ATTENTION", which standards safety of driver and right operation, maintaining and checking. Don't neglect the important acknowledge, so that can become a lot of damages.

Please obey the traffic rulers and keep the distance long and state the limit speed.

* The total of driver and passenger are not exceeded two persons.



* Please reference for right drawings.

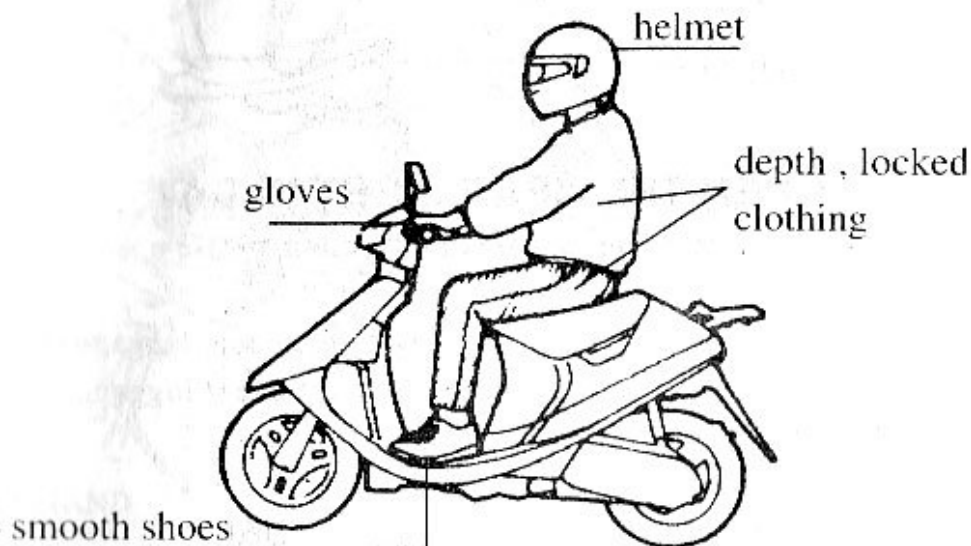
WEAR THE HELMET RIGHT

Please wear right helmet and ties urgently band.

* WEAR THE CLOTHING RIGHT

*Please elect the lighting clothing when driving and don't elect wide collar and long dress.

*Wear the depth clothing and long trousers and smooth shoes, please reference for drawings as follows:



It must be checked and maintained before driving and every 6 months or 12 months.

After exhausting, the muffler will become heat. The vehicle shall be sparking in the place where has be persons.



OPEN THE NEAR LIGHT IN DAY

In order to remind of your attention, please open the near light.

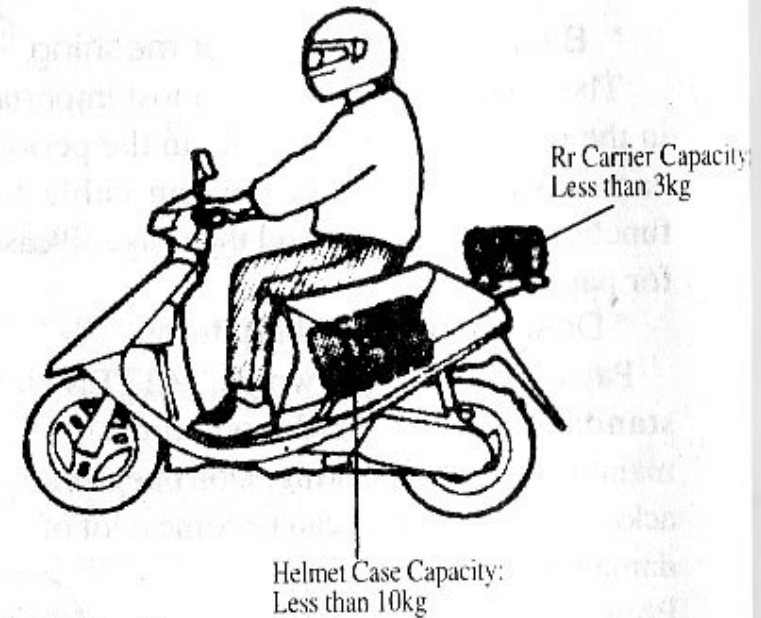
* Don't place goods too much on the rear luggage

Don't place goods too much on the rear luggage, if not will effect on driving.

Don't exceed the stated weight.

The goods shall restore the place stated.

Forbid to restore the goods about the muffler of engine, if



not will damage it.

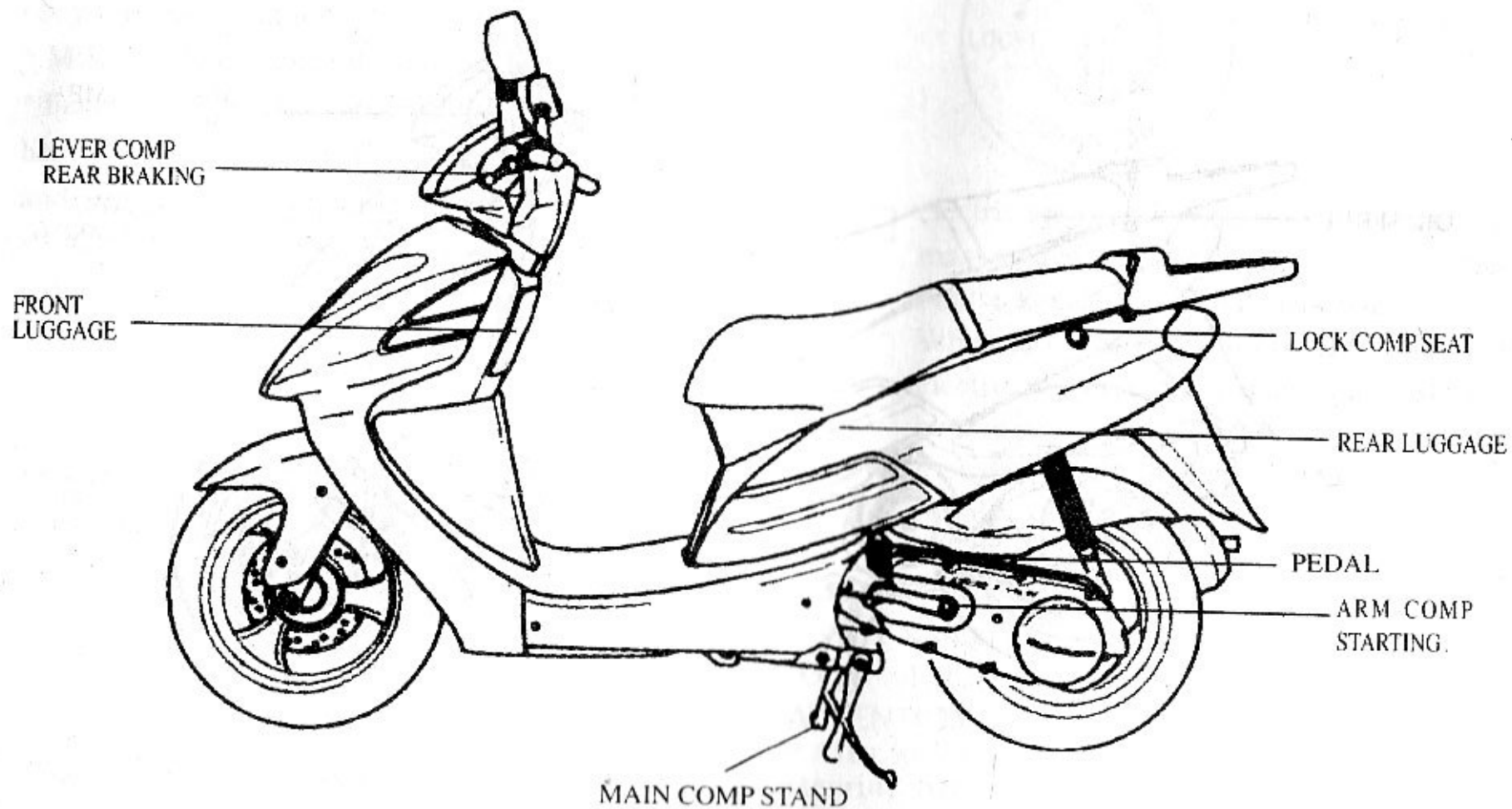
* Forbid to refit the vehicle

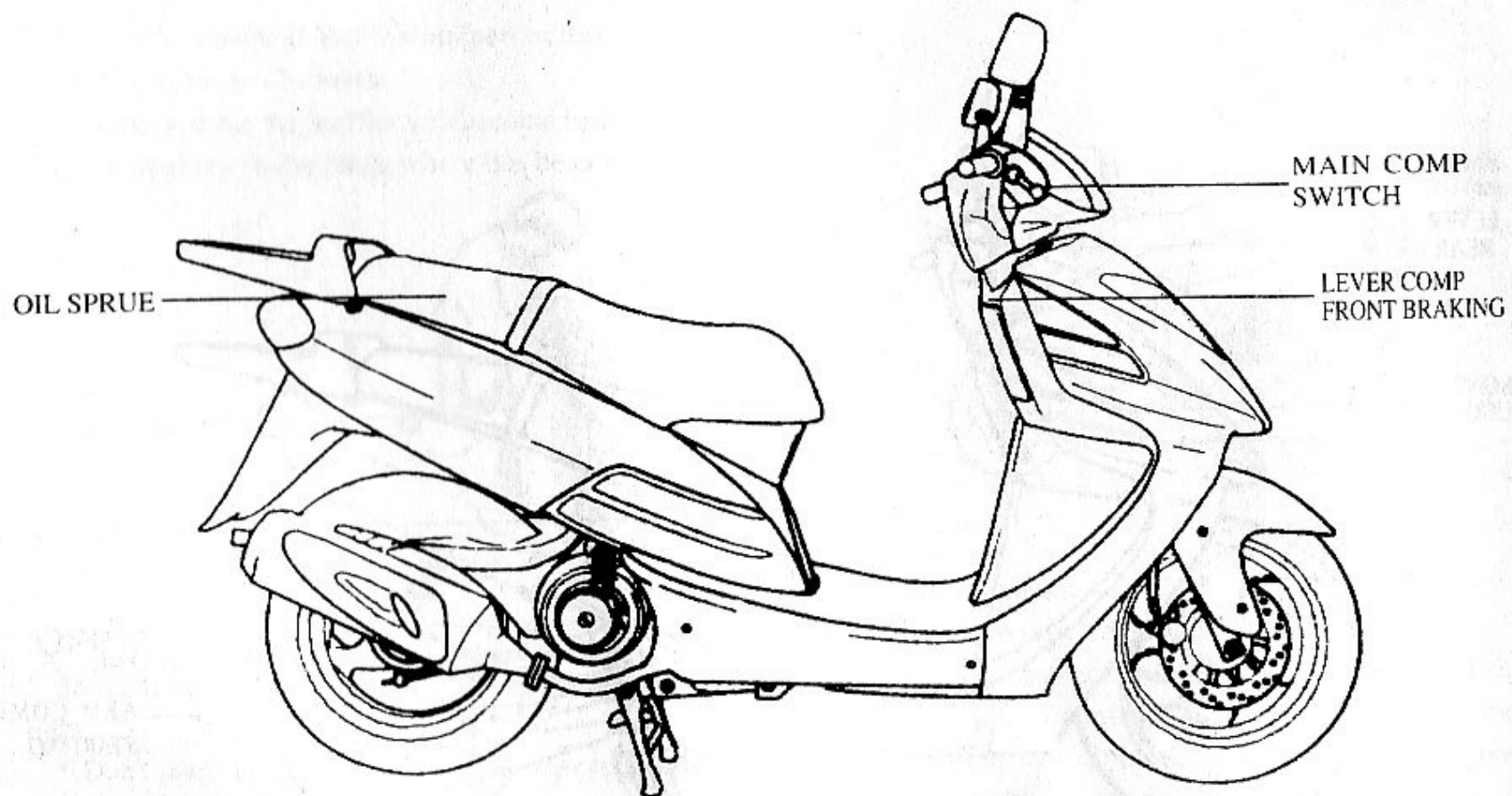
Refitting instructs and functions of vehicle will make operation out of controlling and add up noise, especially reduce the usage. Sometimes it has breach the laws and damage safe of driver or others.

ATTENTION

Forbid to smoke when maintaining or using. Because the oil very exert and bring into play fair. Especially maintaining, please work it in the condition of good air.

DRAWING OF CBU





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ALL PARTS NAME AND OPERATION

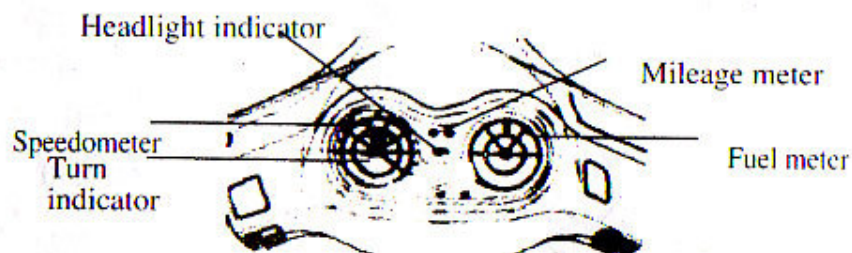
* SPEEDOMETER AND INDICATOR

* SPEEDOMETER standards speed by km/h, please obey the reading in order to your safety.

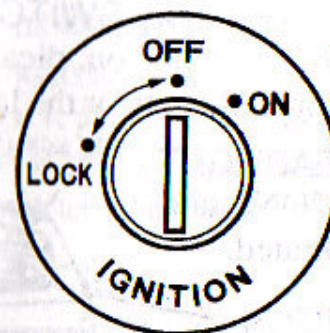
* Mileage meter standards total mileages by km.

* Fuel meter shows the capacity of fuel, when the meter hand shows the position of "E", please add up the fuel, and remain of oil is about 1.2L.

* *Indicator: open switch of indicator and the indicator will be switched on.



* Switch of electric resource



ON electric resource is touched with when turn main switch, and the engine can be started, but the key can not be taken down.

OFF When turn main switch to "OFF", shut off electric resource, the engine can be started but the key can be taken down.

LOCK lock steering bar in the condition of sparking, details as follows:

Insert the key into "OFF" and push down it, at the same time turn "LOCK" till lock it, taking down the key. When opening, please turn the key from "LOCK" to "OFF" till open.

ATTENTION

* After locked the steering bar, confirm whether the steering bar lock well, and don't push it, avoid happening damage.

◆ HEAD LIGHT CHANGING SWITCH

HI : when pivot light is switched on, please use it.
LO: use it when driving in the city or the large vehicle.

* SWITCH COMP HEADLIGHT
Turn main switch to "ON", and the button can be operated.

TURN SIGNAL CHANGING SWITCH

◆ TURN SIGAL SWITCH

R..... When turn right

L.....When turn left

TURN SIGNAL SWITCH

HORN BUTTON

◆ HORN BUTTON

When switch of ignition lies on the "ON", the horn noises.

◆ ELECTRIC STARTING SWITCH

Turn the electric resource switch to "ON", and catch hold of lever of rear braking. Once push down switch of electric starting and start motor, the engine can work.

● NOTICE

If the engine can not be started in the first starting 5 seconds, please wait for 10 seconds to start it in order to your safety.

SWITCH OF HEADLIGHT

STARTING BUTTON

WAY FOR OPENING SEAT

* Insert key into the lock comp seat and turn left till open .

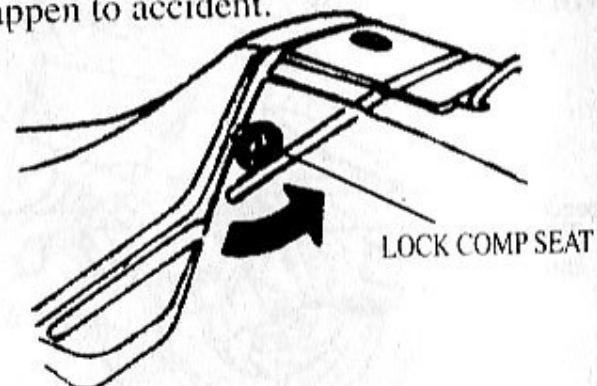
* Pull up rear parts of seat till open case of helmet. And slightly push the seat till lock.

ATTENTION

* Pull slightly rear parts of seat and confirm whether the seat is locked.

* Especially note that you don't forgot to leave the key into the lock before locking.

* Forbid to place the good of clothing except for helmet case, if not happen to accident.



LOCK COMP SEAT

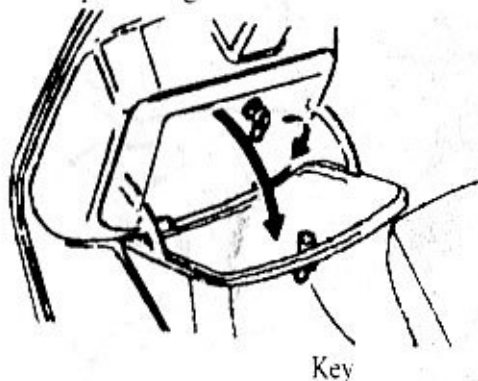
FRONT LUGGAGE

* WAY FOR OPENING: Insert into key and turn right till open

* WAY FOR CLOSING: Insert into key and turn left till close front luggage.

ATTENTION

- * Forbid to place the expensive goods in the case.
- * Because make water into the case when cleaning out, please pay attention to place the expensive goods well.



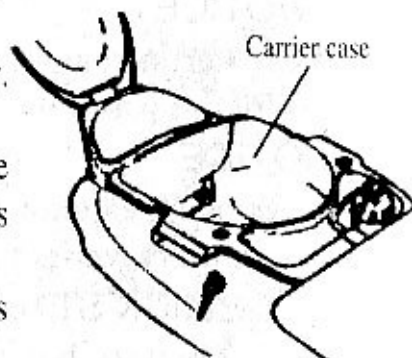
Key

REAR LUGGAGE

- * It lies under seat
- * The load of luggage doesn't exceed for 10 kg.
- * Open the lock comp seat by main key.

NOTICE

- * Forbid to place non heat-resistance goods in the case, because the case has very high temperature.
- * Forbid to place the breakable goods in the case.
- * Forbid to place the expensive goods.

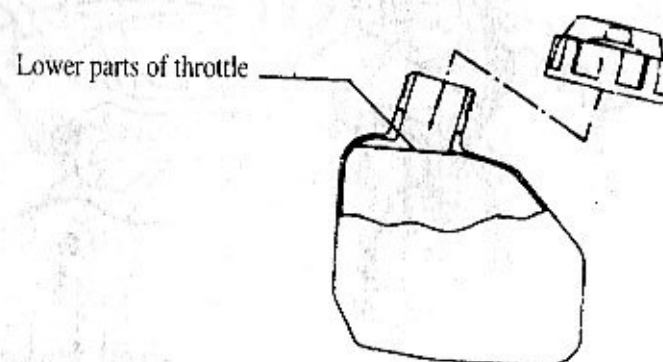


Carrier case

- * Check confirm whether the seat lock well, if the seat is not locked, it is dangerous in driving
- * Forbid to restore petrol and oil, avoid making it into the helmet case.
- * Pay attention to place the expensive goods when cleaning out it.
- * Forbid to crush the vehicle by water.

◆ ADD UP OIL

- * Insert key and turn right till open seat.
- * Turn left cap of fuel tank and take down it.
- * Add up free lead oil
- * Place cap of fuel tank and lock it.



Lower parts of throttle

ATTENTION

- * When add up oil, please forbid to smoke.
- Add up the oil till the under limit of fuel sprue and don't exceed the limit, if not will happen to accident.

DRIVING WAY

WAY FOR STARTING ENGIEN

Before starting engine

1. Confirm whether the capacity of oil and petrol are adequacy.

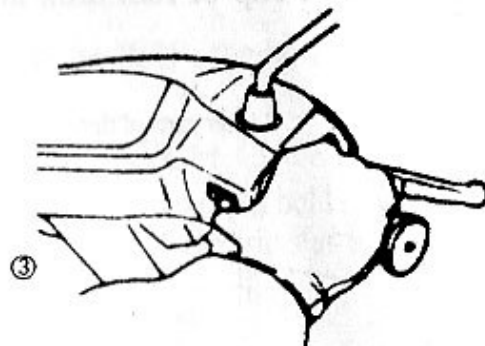
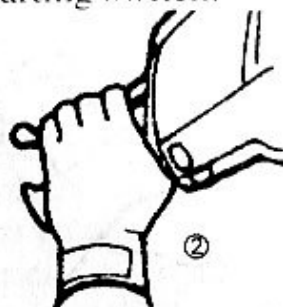
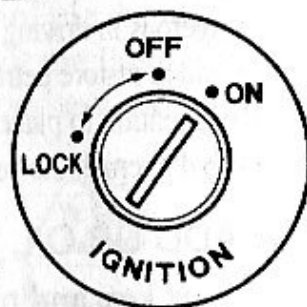
2. Main left must support.

(1) Turn electric resource key to "ON".

(2) Catch hold of hanger lever of rear braking.

In order to out of controlling for head, must catch hold of lever of rear braking.

Don't turn lever of throttle and switched on electric starting switch.



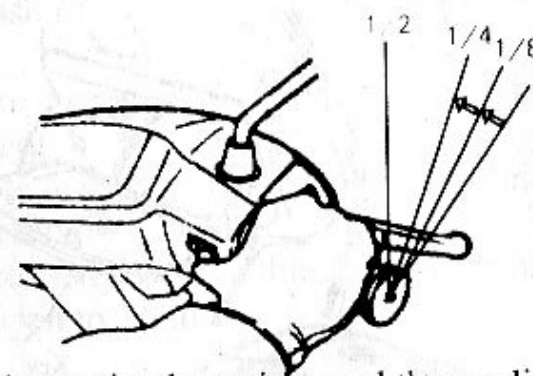
NOTICE

* After starting engine, hand shall leave for starting switch, if not will happen damage.

* In order to uncharged of battery, the time of starting electric switch don't exceed for 5 seconds.

* If the engine can't be started in five 5 seconds, please start it after 10seconds.

* If push down starting switch for 2-3 times and don't start engine, please turn throttle about 1/8-1/4, and easily start it.



* Don't use the engine long time and the quality of oil adding is not excellent, the engine can not be started easily. In this case, don't turn steering bar.

* NOTICE

After starting engine, turn the steering bar to previous.

(3) Please warm up the cold engine when starting.

NOTICE

Wasting air exhaust contents the damage goods of CO, please don't warm up it in the bad air or close garage.

* USE KICK STARTING ARM

When battery has not electric, please use the kick starting arm to start.

*Turn the key of electric to the "ON".

*Catch hold of lever of rear braking.

Step down kick starting arm.

NOTICE

After starting engine, please make the kick starting return previous.



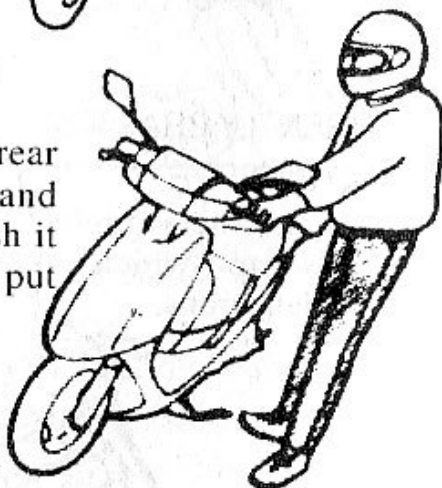
WAY FOR STARTING

(1) PUT DOWN LEFT

Catch hold of lever of rear braking by left hand, and catch hold of lever, push it back, at the same time put down main stand.

NOTICE

When support and put down main stand, must catch hold of rear lever by hand, don't draw seat.



GET ON

Catch hold of steering handle, and get on the vehicle in the left till approach the seat, and step ground by left foot.

NOTICE

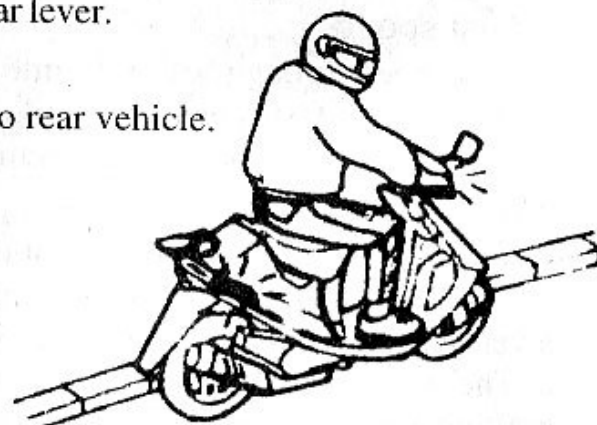
When before, don't raise speed of engine.

SAFETY

Open signal and confirm whether front and rear conditions is safe. At the same time catch hold of rear lever.

NOTICE

Pay attention to rear vehicle.

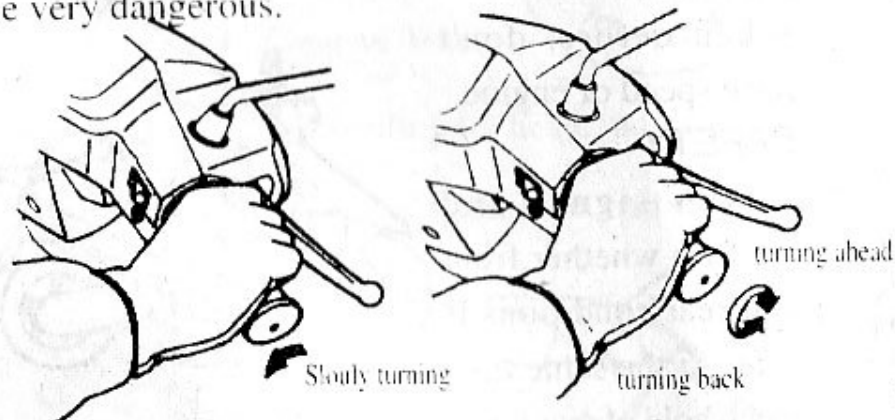


(2) MOVING

Loose lever of rear braking, and slowly turn bar of throttle make the vehicle move.

NOTICE

If bar of throttle turns fast, the vehicle will crush and be very dangerous.



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Adjust speed

Adjust speed through bar of throttle.

Turn rear: add fast speed (please turn slowly)

Turn front: reduce speed (please return)

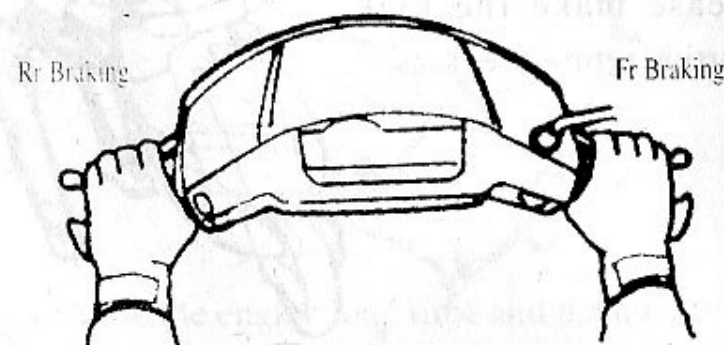
Way for braking

Front and rear wheel will brake at the same time.

1. After return the bar of throttle fast, catch hold of lever of braking.
2. The best way of braking that catch hold of lever of braking and reduce slowly speed till stop vehicle.

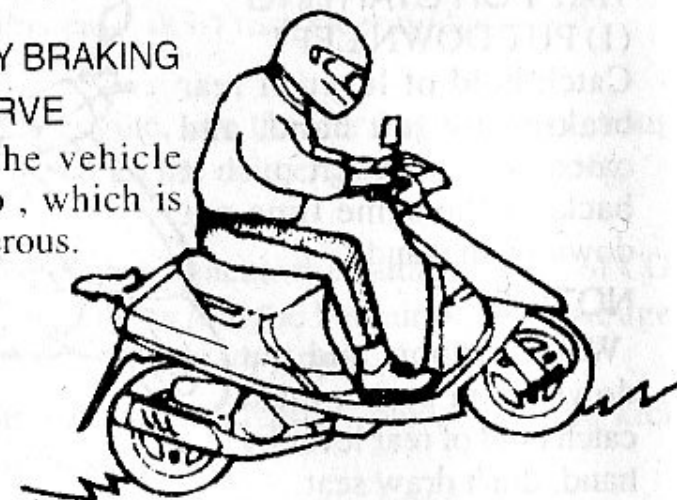
NOTICE

If only brake front or rear wheel, the vehicle will slid in width, which is very dangerous.



URGENTLY BRAKING AND SWERVE

It make the vehicle slid or trip, which is very dangerous.



Pay attention to driving in rain day

1. Distance of braking will long comparative with the rain and sunny day.
2. Pay attention to avoiding sliding when driving.



After clearing out and passing by tloblolly, pay attention to function of braking.

The function of braking is not excellent after clearing and passing by tloblolly. In this case please note rear vehicle till resume well.

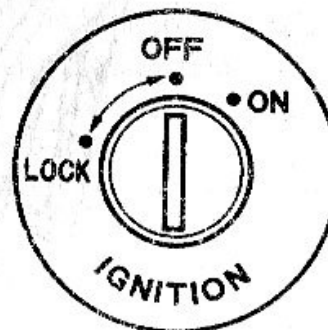
WAY FOR SPARKING

*Give off signal: Open turn signal early and remind of attention for other vehicles, slowly approach right side.

Return the throttle to previous, and brake rear and front, after braking light is switched on, please give off signal to rear vehicle.

TURN THE KEY TO "OFF"

After sparking, close off turn signal and insert the key into "OFF".



SUPPORT MAIN LEFT

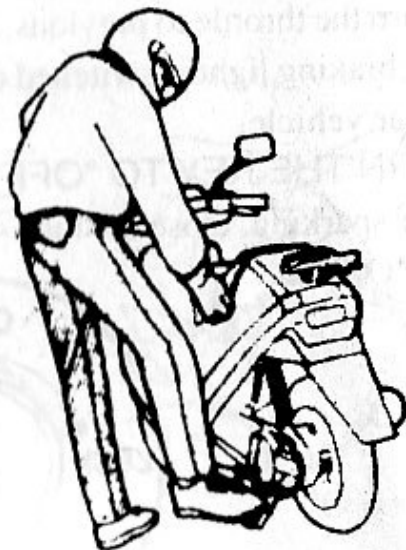
Support main stand in the smooth.

1. Catch hold of steering bar by left hand , carry rear levee by right hand.
2. Touch with ground with right foot.

Make the center of gravity of body into the right foot and draw up rear lever by right hand.

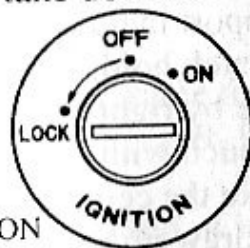
NOTICE

The vehicle can not be controlled when drive in the soft road.



USE STEERING TURN KEY

In order to keep the vehicle safety when leave for it, please lock steering key and take down it.



--- PUSH DOWN

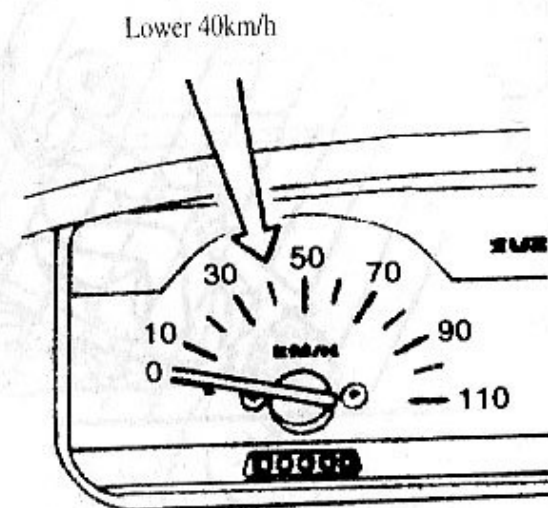
---TURN TO THE LOCK POSITION

MESHING FOR NEW VEHICLE

Please mesh the new vehicle in order to extend the usage .

* The speed doesn't exceed about 40 km in the first month.

* Pay attention to driving



CHECK BEFORE DRIVING

In order to keep driving comfortable, please check before driving.

- * Please check it to the service the first.
- * Detail checking items reference for the book.

NOTICE

- * If you find any questions, please contact with the dealer.
- * When don't use it, please check too.
- * When start to usig , must check it.

NOTICE

Pay attention to safety when cheking

- * Must select smooth and steady ground to support left.
- * When check it after stopping engine, pay attention to damage yourself because body of engine and muffler have high temperature.
- * Forbid to check it in the bad air or closing place because wasting air contents air of CO.
- * Pleae check it in the safely place and pay attention to the condition of traffic.

ITEMS OF CHECKING BEFORE DRIVING

Please check it one time every day before driving and moving, details as follows:

- * The position of discrepancy.

- * Free distance of braking lever abd function of braking.
- * Check air pressure of wheel.
- * Pattern of depth of wheel.
- * Fuel capacity
- * Oil capteity
- * Lighting equipment
- * Arrange of rear mirror
- * Reflector and card

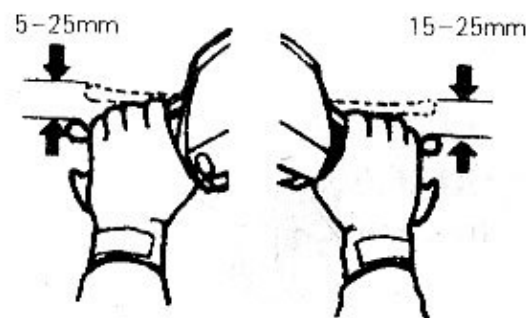
CHECK THE DISCRANPANCY POSITION

Check any question and maintain it.

Check free driving of braking.

Catch hold of lever of braking.

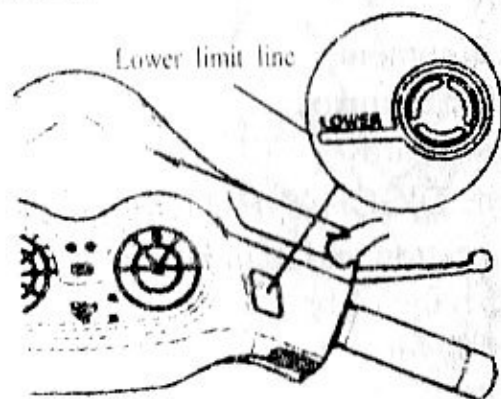
Check whether the free distance is suitable.



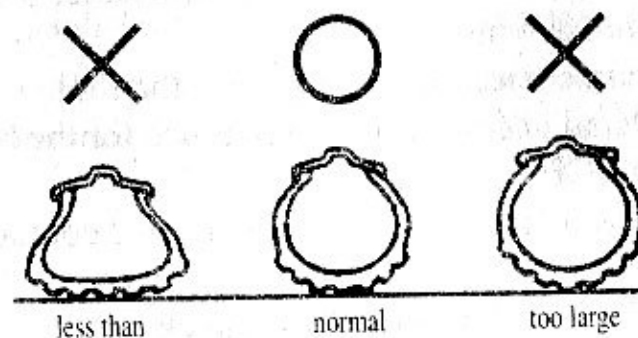
CHECKING BRAKING LIQUID

Select smooth ground and support it main stand. Shall make the steering bar correct and check it. Check whether liquid lies under on the limit of low.

If find the liquid reduce, shows the condition of leakage, please check and maintain it.



Standard air pressure; front tire 175kpa, rear tire: 200kpa



Chap, damage and eyewinker abrasion
Check tire in eyes.

1. Check the condition of chap.
2. Check whether it has a lot of eyewinker.
3. Check whether it has a lot of abraion.

CHECKING TIRE

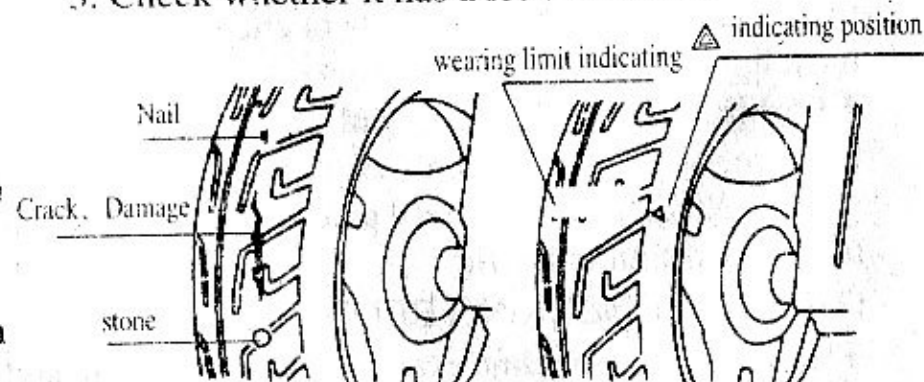
Air pressure of tire.

Check the tire and air pressure is suaible.

If the condition has any questions, please check it with measure machine till reach requirment.

NOTICE

Air pressure is not normal, which will effect on functions.



The depth of tire

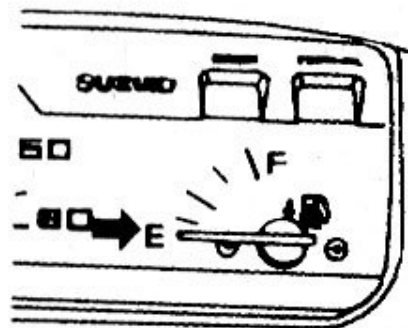
Check whether the depth of pattern is not too much by abrasion measuring machine.

If don't show the above, please replace new tires.

CHECKING FUEL CAPACITY

Check the capacity of fuel is adequacy.

Turn the key to the "ON" and add up fuel when hand of fuel to the "E".

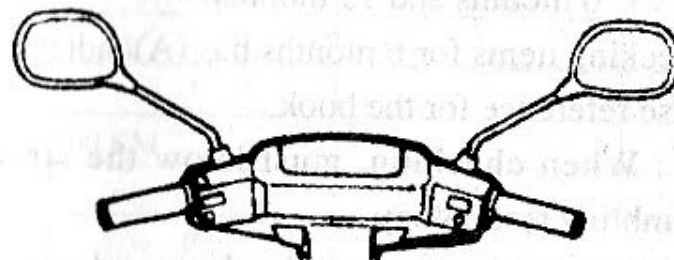


Checking for lighting equipment

- * Check start engine and steering bar.
- * Check braking light is switched on.
- * Operate right steering bar and check whether turn signal is switched on.
- * Check all cover of lighting have damage.

Checking rear mirror

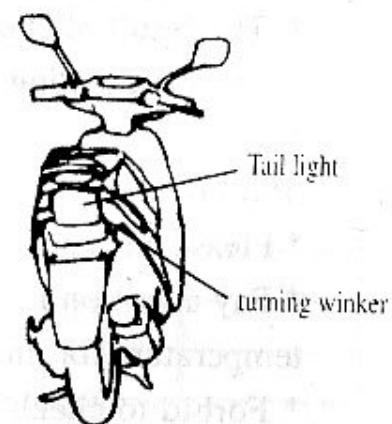
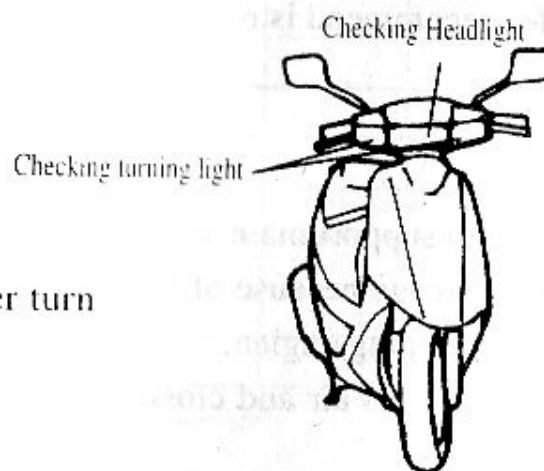
Check condition of rear and side when driving



CHECK REAR REFLECTOR AND CARD

* Check the card is fit and the card has a lot of damage.

Period check



DESCRIPTION

Period check: please check it by yourself, details as follows: 6 months and 12 months.

* checking items for 6 months has (A)and(B) :

Please reference for the book,.

(A) : When checking, must know the struct and assembling technology.

(B) Must need especia technology and equipment, measuring machine.

* The result of checking need recond on the book, forbid to check and maintain it by yourself.

* Please restore the reconds for one year.

* The result of checking for recommend is reconded on the maintaining book.

NOTICE

Pay attention to safety

* Please elect smooth ground to support main stand.

* Pay attention to avoid to damage because of high temperature for muffler after stopping engien.

* Forbid to check engine in the bad air and closing place.

* Check in the safe place when driving.

* If you find any question, please contact with the dealer.

MAINTAINING STABLE

I: CHECKING, IF NECESSARY CLEAN OUT, ADJUSTING, ADD UP OIL R: REPLACING C: CLEAN OUT

ITEMS	DISTANCE	DISTANCE(NOTE)				NOTING
		1,000 km	4,000 km	8,000 km	12,000km	
☆ RETURN CUT OF OIL		I	I	I	I	
☆ OPERATION OF THROTTLE		I	I	I	I	NOTE 2
AIR CLEANER		EVERY 500 KM				
SPARK PLUG			I	R	I	
☆ GET OUT OF CARBON				C		
☆ CARBURETOR IDLE RETURN		I	I	I	I	NOTE 3
☆ ENGINE OIL		R	R	R	R	NOTE 3
BRAKING LIQUID			I	I	R	
VALVE CLEARANCE			I	I	I	
ENGINE OIL FILTER		R			R	
☆ BRAKING VALVE COLLAR ABRASHION			I	I	I	
BRAKING EQUIPMENT		I	I	I	I	
BRAKING LIGHT SWITCH			I	I	I	
☆ HEAD LIGHT			I	I	I	
☆ HANGER			I	I	I	
☆ ALL PARTS BOLT AND NUT		I		I		
☆☆ WHEEL RIM/ TIRE			I	I	I	
☆☆ HEAD RACE OF STEERING BAR		I			I	

* If you have not suitable maintaining tools, please contact with the service.

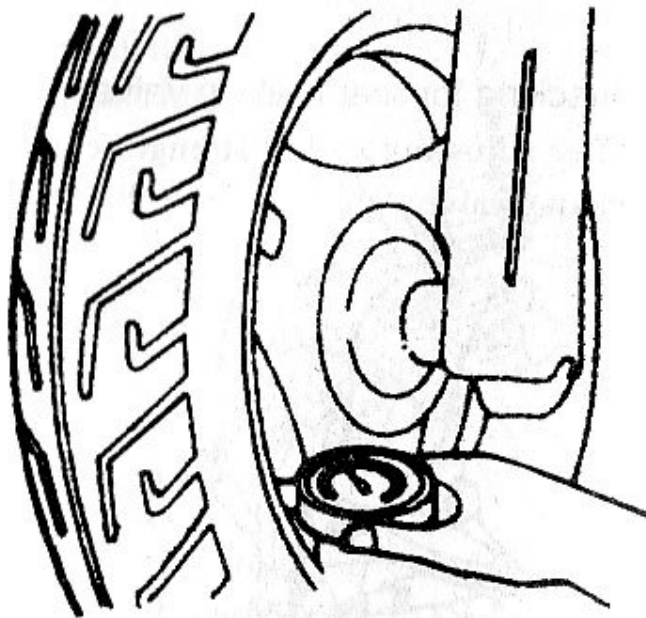
* * In order to assure your safety, please contact with the service.

CHECKING TIRE AIR PRESSURE OF TIRE

Check it in barometer. When tire becomes cold, please measure air pressure. Air pressure of tire: front 175kpa, rear : 200kpa

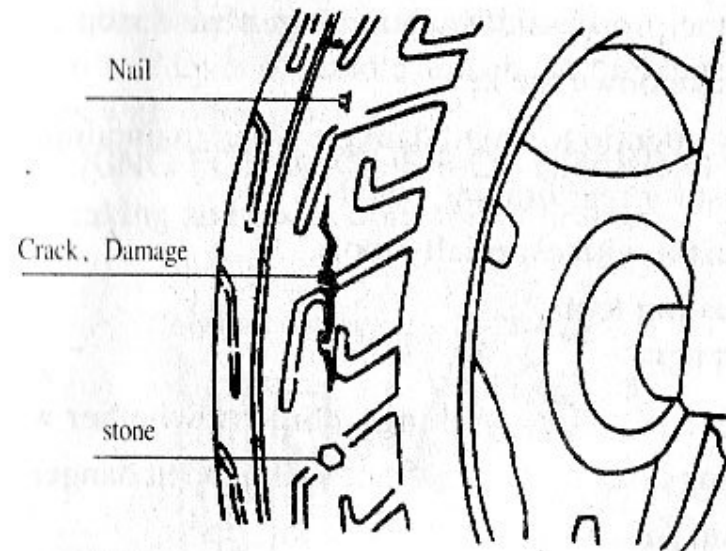
NOTICE

If air pressure is normal, tire becomes chap, damage and abrasion, and will damage steering bar.



CHAP, DAMAGE AND ABRASION

Check the tire is damage.



WAY FOR MAINTAIN

There are a lot of questions as follows:

NOTICE

Pay attentio to safety when maintaining

* elect smooth and steady ground to support the vehicle and maintain

* Please use proper tools.

* In the prosscoss of maintaining, please stop engine and take down the key,

* Pay attentio to aovid damage when maintaining.

Adjust for rear braking pedal

Adjust it with especially tools.

Adjusting tools

NOTICE

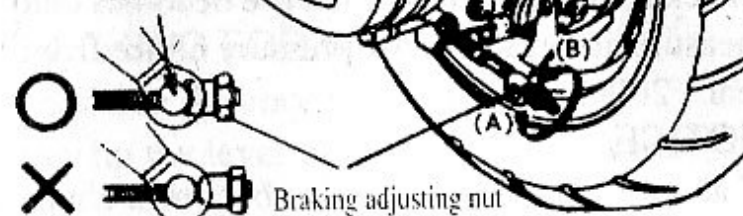
* After adjusting braking , confirm whether nut of braking connect right., if not will happen dangerous.

* Dotn adjust front braking pedal.

A: Reduce spring

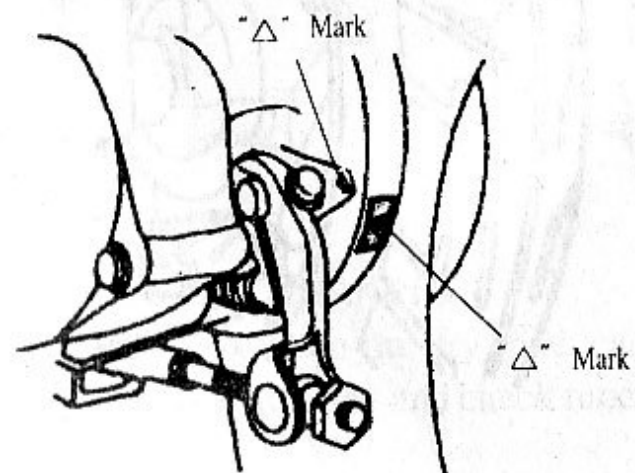
B: Decreasing spring

forelock



Checking for rear braking valve

After adjusting spring strength, check abrasion of braking valve.



CHECKING BRAKING LIQUID

The kind of motorcycle adopts plate-liquid pressure braking, the lever of liquid will reduce with abrasion of braking piece for kind of braking.

Through can not way to adjust for it, must check lever of liquid and abrasion of braking. If the distance of braking is large and the conditon of abrasion is not exceed stated, which can make air mix, so please exhasust it.

WARNING

Forbid to touch with the skin and eyes. If braking liquid make into your body, please clear out by water and see a doctor.

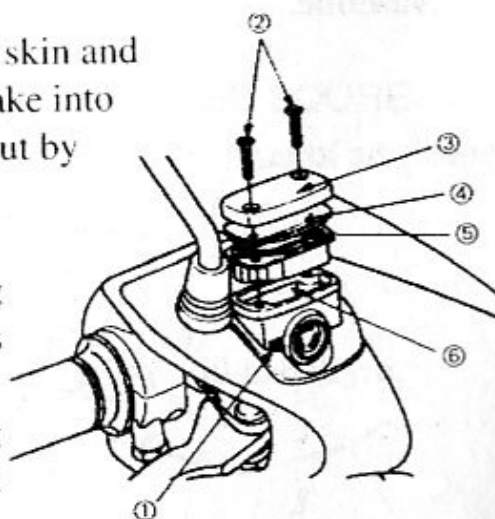
NOTICE

- * Shall deal with braking liquid, because it breaks plastic and paint.

- * Especial using braking liquid are DOT3 and DOT4.

- * Check lever of liquid is under the lower limit in the verticle condtion of vehicle.

- * When the lever of liquid reaches at lower mar, please



add up braking liquid, with taking down screw and seal cover and waher till upper limit. After adding up full, please fit the above parts.

CHEKCING FOR OTHER PARTS

Confin whether the liquid is not much, please check fuel tube and other equipment are broken.

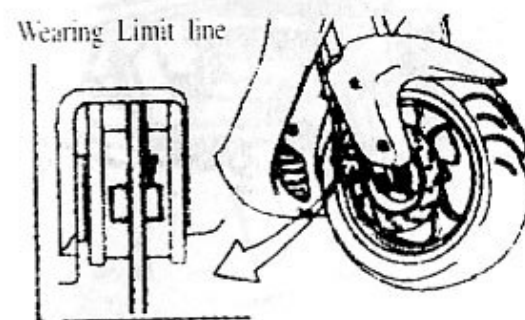
CHECKING FOR BRAKING TUBE LEKAGE AND BROKEN

Please check the tube leakage and broken.

Turn around lever of handle and check fuel tube parts touches with other parts.

CHECKING FOR WASHER OF BRAKING

Pull braking and check abrasion of braking..



REPLACE OIL

If oil is polluted, which will effect on the usage of engine. Please obey oil capacity, use stated oil and replace it in time.

Run empty it for 2-3mintes on the smooth ground. After stopping engine, please pull up oil lever and piston of letting .

Clear out fuel filter web.

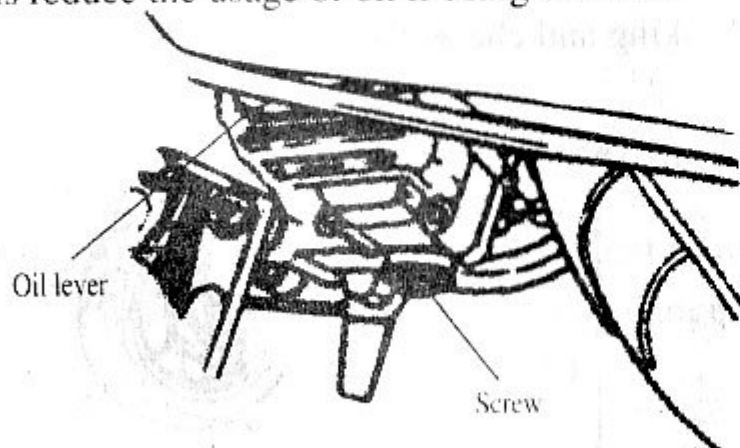
Confirm whether the web of filter and o-ring are good.

When oil is not much, please oper cylinder cover and add up.

When adding up oil, please confirm the lever of upper limit with oil measuring machine.

Oil capacity:0.92

It is reduce the usage of oil if using bad oil.



NOTICE

Replace oil after stopping engine, pay attention not to

be scold.

*When add up oil, please not add up water.

It is bad effect on engine to use too much capacity.

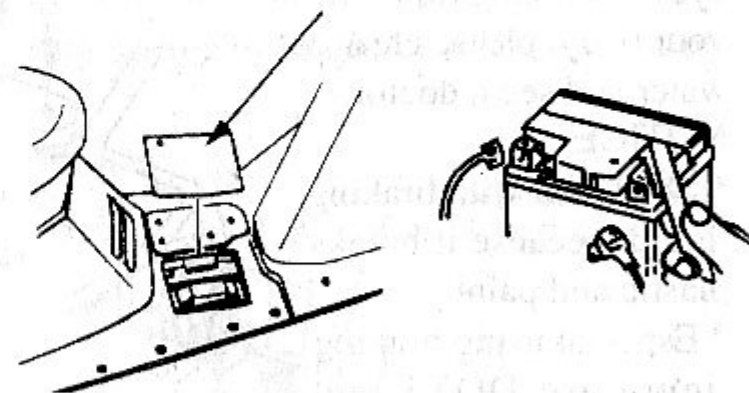
Forbid to mix oil.

BATTERY CLEARING

* Open cover of battery

* Take down battery to clear .

* After clear out please paint a group of butter or Vaseline.



NOTICE

When take down, pleas shut off electric resource, and take down _ , when fit on, please fit _ .

CHECKING FOR LIQUID CAPACITY

The kind of vehicle adopts MF, so don't add up or check battery liquid.

NOTICE

- * Don't take down sprue because of closing system.
- * The battery easily charges because of no using long time.
- * Please take down _

CHECKING FOR AIE CLEANER SCORE

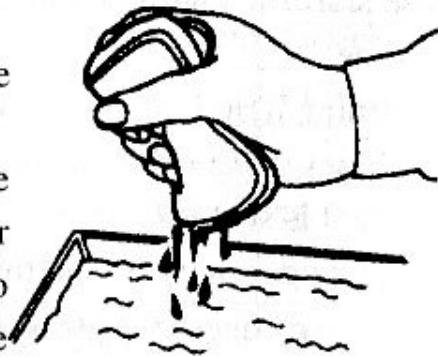
- * Take down pedal rubber, and see cover of air cleaner.
- * Take down four screws of air cleaner cover.

CLEAR OUT

1. Take down air cleaner score.
2. Clear out air cleaner with fair oil and dry it.

NOTICE

- * Forbid to use low cleaning oil.
- * Please assemble well air cleaner score in order to keep up the



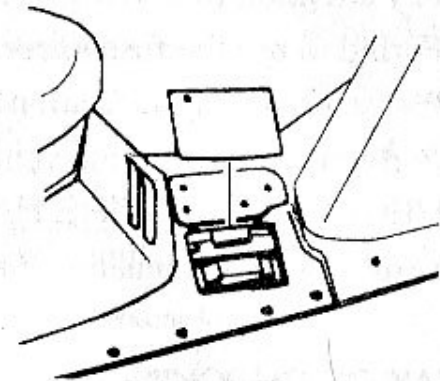
function of engine well.

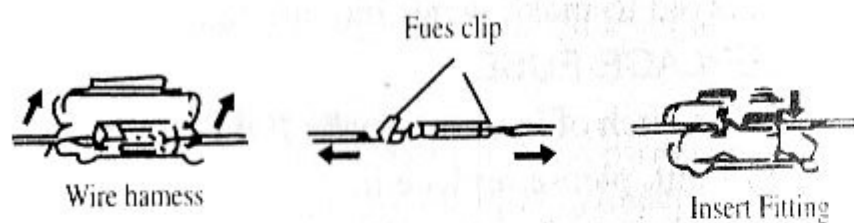
- * Forbid to make water into air cleaner.

REPLACE FUSE

Turn switch of ignitions to the "OFF", confirm the fuse burn out, please replace it.

- * fuse lies on the clip of battery.
- * When depart from the fuse, open clip of fuse.
- * Please check and maintain in the condition of burn out for fuse usually.





NOTICE

- * Pay attention to make fuse too much width.
- * Pay attention to moving of fuse.
- * Forbid to use the fuse exceed stated.
- * Please use the specification electric applications.
- * Forbid to crush into the vehicle by water.

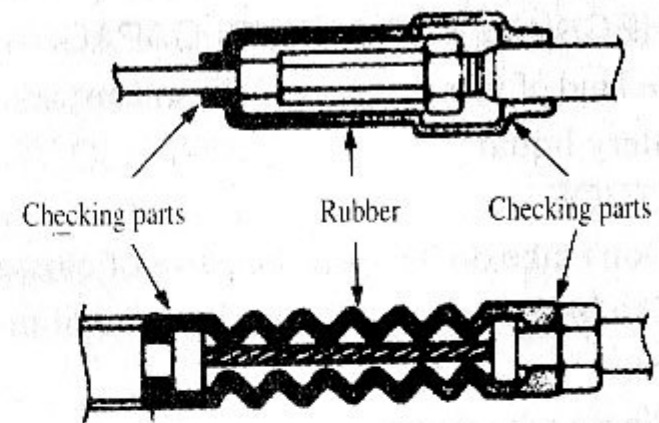
CHECKING FOR WIRE HARNESS

In order to protect inner wire harness, please maintain it.

WAY OF CHECKING TROUBLE

If it has condition as follows, please find the clause per as follows:

- * The engine can not be started when driving



1. Confirm it has oil.
2. Way of starting is correct.
3. Battery has charge.

Please start the engine many time when don't use it long time.

Oil warning light is switched on constantly

If becomes the above case, please add up oil.

Head light is shut off

The engine doesn't start and the light is shut off.

If you has any questions please contact with the dealer.

Main Specification

Sizes and weight	Overall length	1970	Transmission system	Clutch type	Auto centrifugal
	Overall width	690	Moving system	Tire size	Front: 130/60-13
	Overall height	1120			Rear: 130/60-13
	Height		Braking system	Type	Front :plate
	Wheel base	1360			Rear :drum
	The min ground clearance	110	Hanger system	Hanger type	Front :collar
	Dead weight	110			Rear: shaking
Engine	Engine type	LB152QMI	Cushion system	Cushion type	Spring liquid flex
	Total capacity	124.6	light		Spring oil damp
	Bore × stokes	52.4 × 57.8			Head light
	Pressure ratio	9.2 : 1			12V 35W/35W
	Starting system	Kick/electric starting			Side light
	Lubricating system	Lubrication forced			12V 5W
	E/G lubrication oil	1.1L			Turn signal
Fuel	Fuel tank capacity	7L			12V 10W
Electric system	Spark plug	A7TQJ			Tail light/ braking light
	Battery capacity	12V7AH			12V 18W/5W
					Speedometer light
					12V 3W

Electric Principal Drawing

