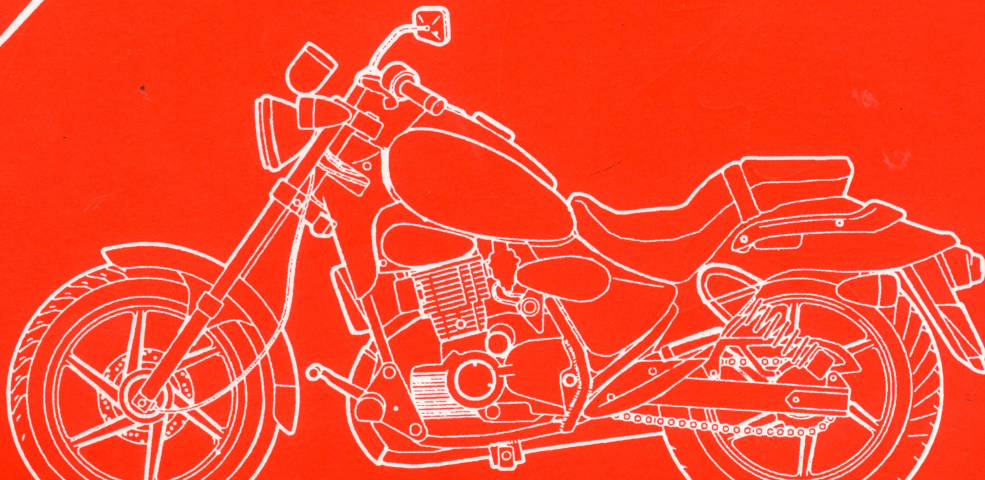


 **KYMCO**

DRIVER'S MANUAL

KWANG YANG MOTOR CO.,LTD.

Kwang Yang



Dear Users:

We greatly appreciate your patronage of KYMCO ZING 150/125

This User's Manual describes the correct operating methods and easy inspection and maintenance procedures in details in order to prolong the service life of the motorcycle and provide you with a comfortable riding.

The illustrations and contents included in this manual may be different with the motorcycle in case specifications are changed.

To make you have a safe and comfortable riding, we recommend you to read this manual carefully and wish you a happy riding.

The information and specifications stated in this manual are for reference only and subject to change without notice. Thank you !

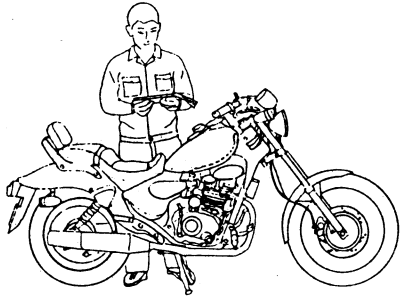
*** TABLE OF CONTENTS ***

1. PRECAUTIONS FOR A SAFE RIDING	1
2. ASSEMBLY PARTS	7
3. OPERATIONS	9
Instruments	9
Main Switch, Choke Rod	11
Steering Handlebar Lock, Fuel Valve	12
Starter Button, Headlight Switch	13
Headlight Dimmer Switch, Engine Stop Switch	14
Horn Button, Turn Signal Switch	15
Passing Signal Switch	16
4. HOW TO START THE ENGINE	16
When Riding the Motorcycle	19
How to Stop Riding	23

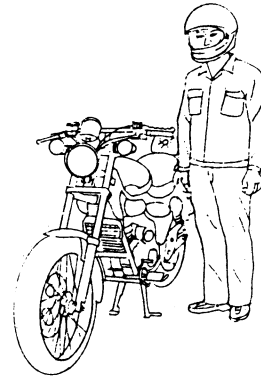
5.	PRE-RIDE INSPECTION	25
	Advance Inspection, Engine Oil Check & Refilling	25
	Fuel Level Check & Refilling	27
	Steering Handlebar Inspection	28
	Brake Inspection	29
	Front Brake Fluid Level Inspection	29
	Stoplight Inspection	32
	Turn Signal Light Inspection	33
	Clutch Cable Inspection/Adjustment	34
	Drive Chain Inspection/Adjustment	35
	Tire Inspection	36
	Front/Rear Shock Absorbers Inspection	37
	Engine Oil Change	39
	Spark Plug Inspection	42
	Air Cleaner Cleaning	43
	Battery Inspection	44
	Fuse Change	45
6.	IN CASE OF BREAKDOWN	46

1. PRECAUTIONS FOR A SAFE RIDING

- Peruse this User's Manual carefully.

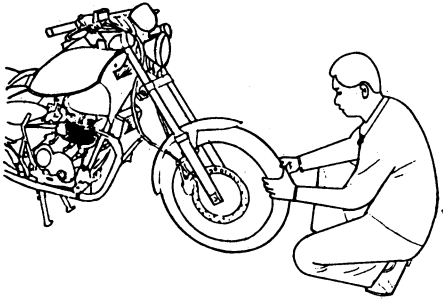


- The rider must wear helmet, gloves and goggles.
- Do not wear any clothes which will affect riding safety. Loose cuff may hook the brake lever or clutch lever and pants with loose bottom may be drawn into the drive chain. It is very dangerous.
- The operation of brake lever and clutch lever shall not be affected.

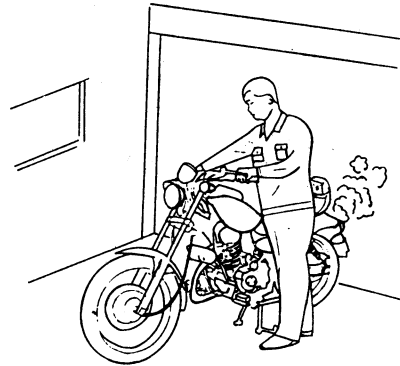


- Pre-ride Inspection

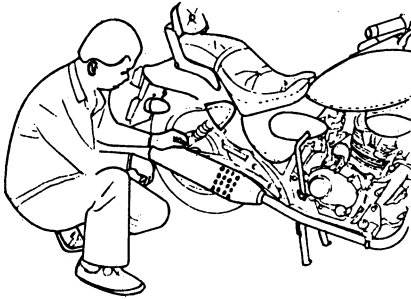
- Be sure to perform daily and periodic inspection.



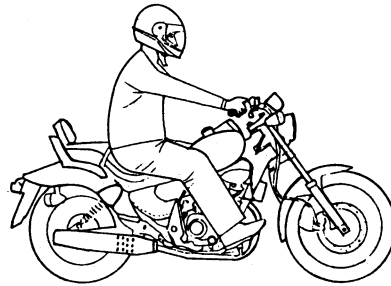
- The exhaust contains poisonous carbon monoxide which is harmful to human body. Start the engine in a well-ventilated area.



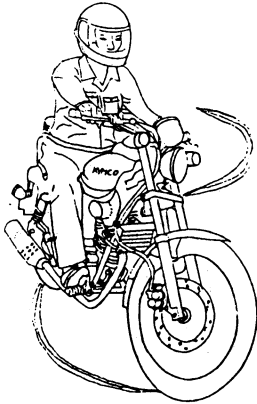
- After the engine is stopped, the temperature of engine body and exhaust muffler is very high. Do not touch them.
- When parking the motorcycle, keep it away from dry lawn or inflammables to avoid danger.
- The temperature of exhaust muffler is very high after the engine is stopped. Park the motorcycle with exhaust muffler facing wall to avoid burns.



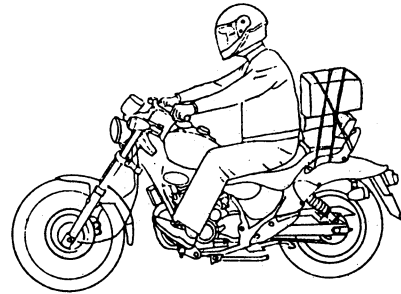
- When riding, use both hands to grasp the handlebar and put feet on the foot rests. The back rider shall hold the first rider around the waist with two hands and put feet on the foot rests on each side.
- When getting down the motorcycle, the back rider shall be more carefully to avoid burns because the temperature of exhaust muffler is very high.



- Do not drive with one hand and do not make sharp turn.
Make sure to observe traffic laws.



- The feel of the handlebar will be different when carrying goods on the motorcycle.
Avoid riding with overload and the goods shall be securely fixed to have a safe riding.

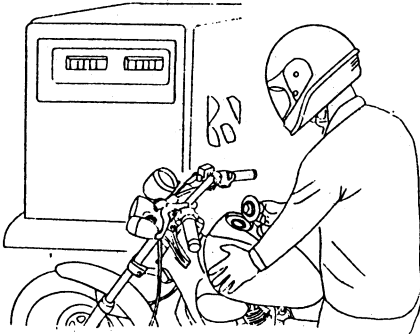


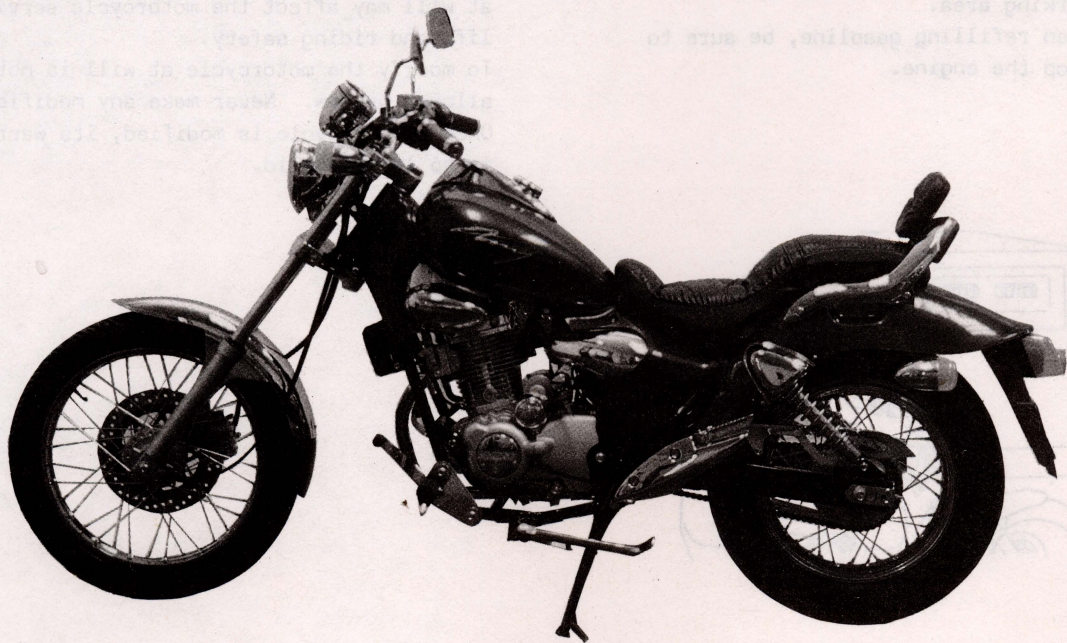
- When refilling gasoline, do not smoke or allow flames or sparks near the working area.

When refilling gasoline, be sure to stop the engine.

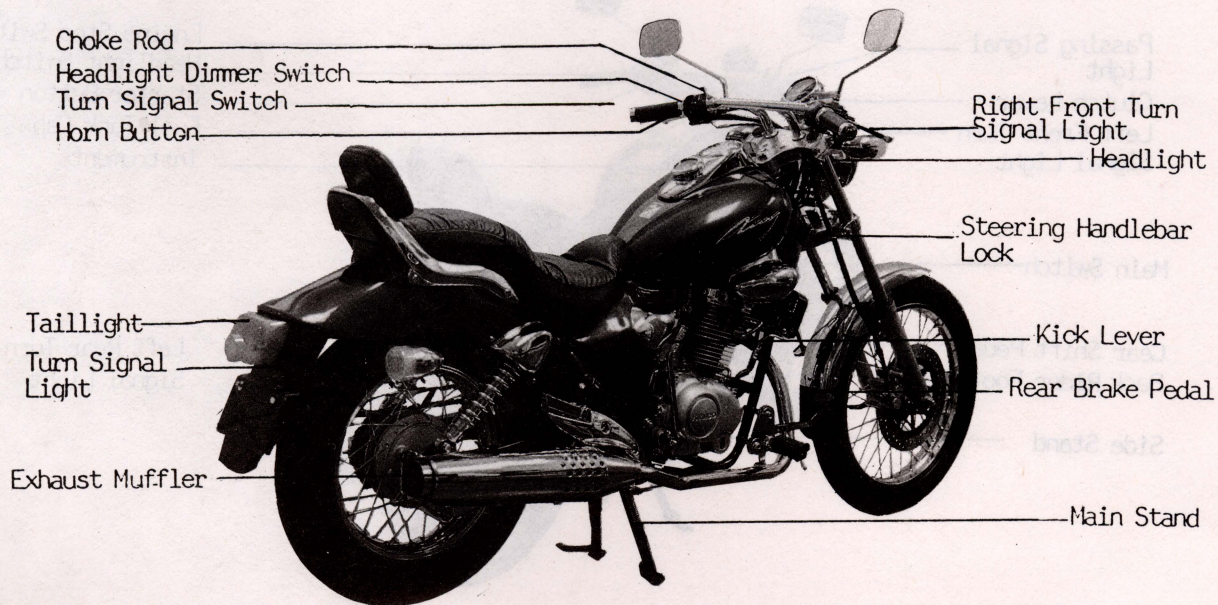
- The motorcycle structure is closely related to its functions. To modify the motorcycle at will may affect the motorcycle service life and riding safety.

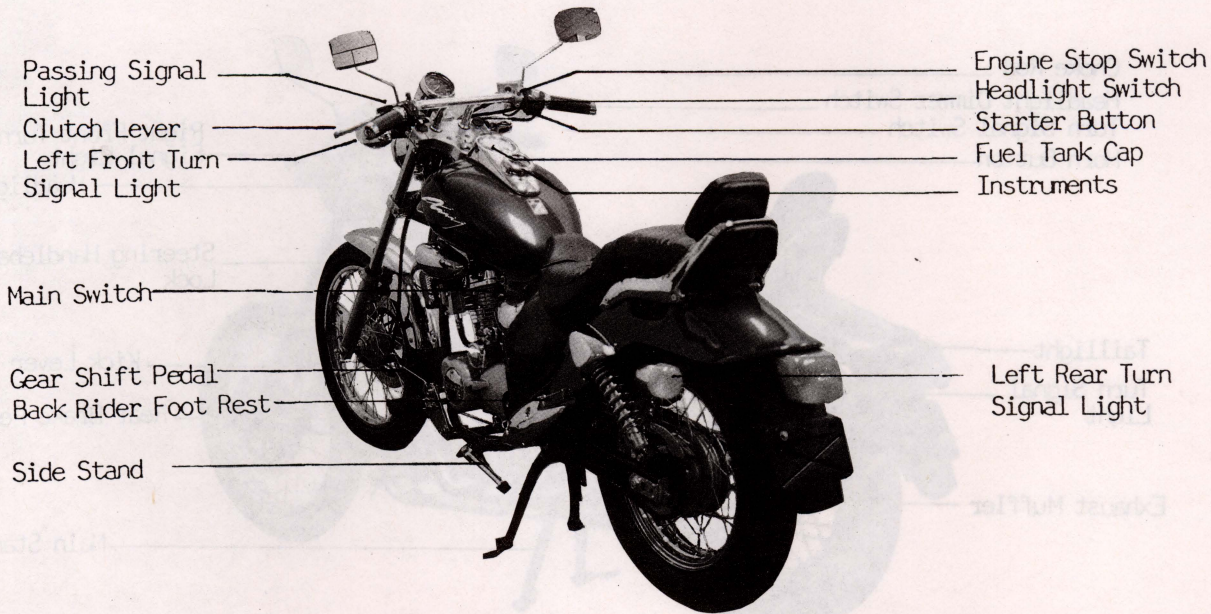
To modify the motorcycle at will is not allowed by law. Never make any modification, Once a motorcycle is modified, its warranty is no longer valid.





2. ASSEMBLY PARTS





3. OPERATIONS

① SPEEDOMETER

The riding speed is indicated by KM/hour.

② MILEAGE COUNTER

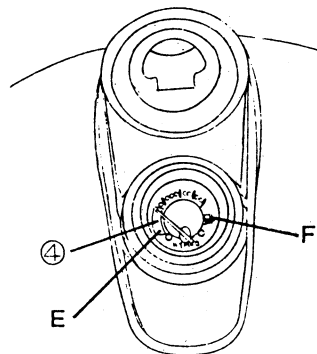
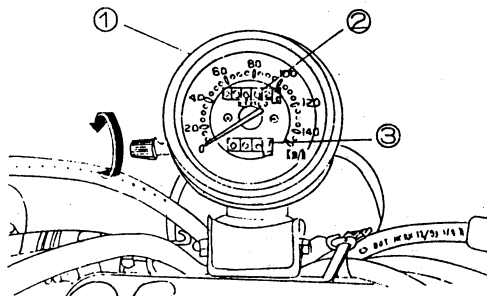
The total mileage is indicated by kilometer (KM) and the figure in black and white indicates an unit of 100m.

③ RESET COUNTER

Use reset button to count interval mileage. Turn the reset button to reset the counter as the arrow shown.

④ FUEL LEVEL GAUGE

This gauge is to show the volume of gasoline in the fuel tank. If the pointer is at the red area, there is only about 1.37 liters of gasoline left. Refill #92 or #95 nonleaded gasoline as early as possible.



⑤ TURN SIGNAL INDICATOR LIGHT

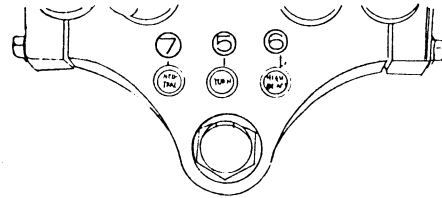
This indicator light will wink when the turn signal switch is operated.

⑥ HIGH BEAM INDICATOR LIGHT

During night riding, turn on the headlight switch and turn the headlight dimmer switch to "HI". At this position, the high beam indicator light will come on.

⑦ NEUTRAL POSITION INDICATOR LIGHT

When the engine is at the neutral position, this indicator light will come on when the main switch is "ON".



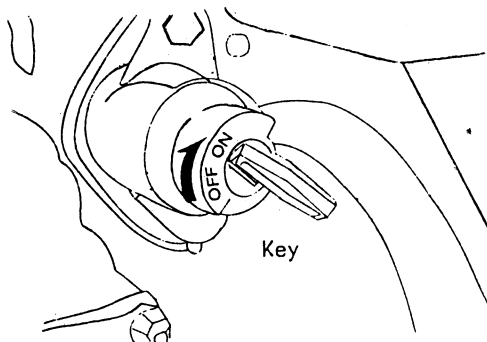
■ MAIN SWITCH

OFF

- At this position, power is cut off and the engine stops.
- The key can be taken out.

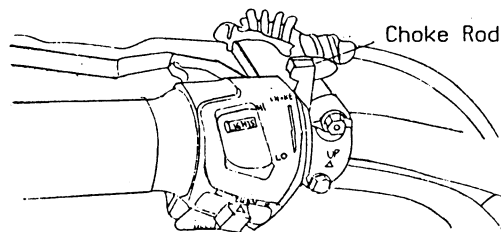
ON

- At this position, power is connected and the engine can be started.
- The key cannot be taken out during driving.



■ CHOKE ROD

- When starting the engine, push down the choke rod to the closed position.
- After the engine is warm, push up the choke rod to its original position.



CAUTION:

- The choke rod cannot be used over a long time to avoid engine stop.
- When the choke rod is used to start the engine, do not rotate the throttle grip to avoid engine stop.

■ STEERING HANDLEBAR LOCK

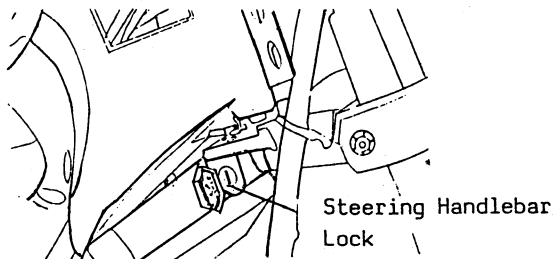
When parking, the steering handlebar should be locked to prevent pilferage.

LOCKING :

Turn left the steering handlebar to the full and then turn the key 180° counter-clockwise.

UNLOCKING :

Turn the key 180° clockwise and the lock is released automatically.

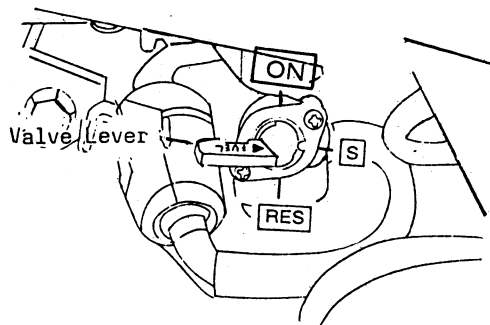


CAUTION:

- After locking, turn the handlebar gently to make sure that it is locked.
- Don't park your motorcycle at a place to hinder the traffic.

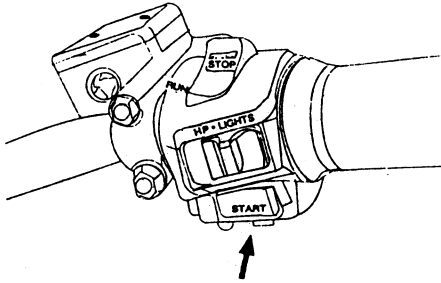
■ FUEL VALVE

- S** • At this position, the fuel is cut off. (Turn to this position when the motorcycle is stopped.)
- ON** • At this position, the fuel flow is normal. (Turn to this position when starting the engine.)
- RES** • This position indicates that there is about 1.6 liters reserve fuel left. Refill #92 or #95 nonleaded gasoline as early as possible.



STARTER BUTTON

Press the starter button to start the engine by electric power.

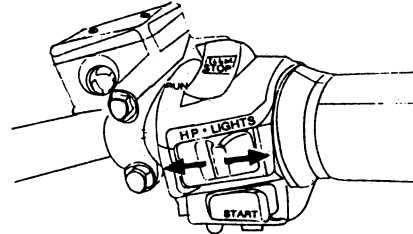


CAUTION:

- Release the starter button immediately after the engine is started.
- Do not press the starter button over 4 seconds each time.
- During engine running, do not press the button to avoid engine damage.

HEADLIGHT SWITCH

- At this position, the headlight, instrument light and taillight will go out together.
- P At this position, the instrument light and taillight will come on together.
- H At this position, the headlight, instrument light and taillight will come on together.



CAUTION:

- This model uses battery to light lights. It is no need to start the engine and the headlight will come on when the main switch is "ON".

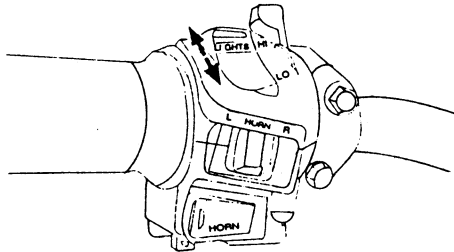
■ HEADLIGHT DIMMER SWITCH

This switch is to change high beam and low beam.

HI : Indicates high beam.

LO : Indicates low beam.

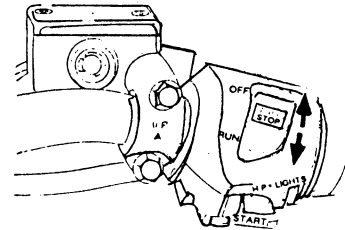
Switch to "HI" for long distance illumination. When riding in downtown area or there is a car coming from the opposite direction, switch to "LO" to avoid affecting the visibility of coming cars. The high beam indicator light will come on when the switch is turned to "HI". Press down the headlight switch to change high beam and low beam.



■ ENGINE STOP SWITCH

OFF The engine stops at this position and it won't start even though the main switch is "ON".

RUN The engine can be started at this position but the main switch shall be turned "ON".

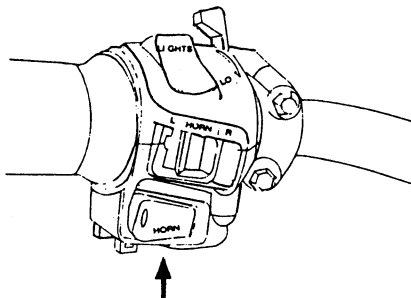


CAUTION:

- The engine stop switch is only used for temporary engine stop.
- When the motorcycle is parked and the engine stop switch is not used, be sure to turn "OFF" the main switch to avoid battery overcharge.

■ HORN BUTTON

When the main switch is "ON", press the horn button and the horn will sound.



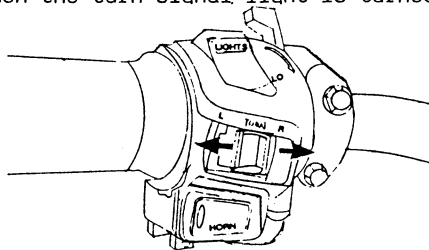
■ TURN SIGNAL SWITCH

Use turn signal light while turning to another direction or shifting to another lane. The light will wink as the switch is turned on.

L For turning to the left.

R For turning to the right.

- The turn signal indicator light will wink when the turn signal light is turned on.

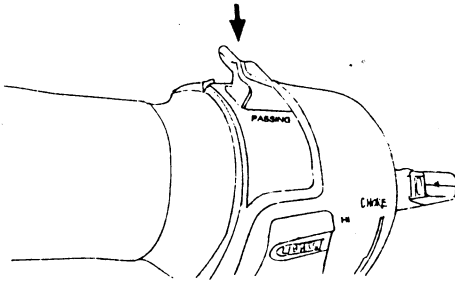


CAUTION:

- The turn signal light will not release automatically. Be sure to reset it after use, or it may affect the traffic safety.
- The turn signal light will not work when the main switch is "OFF".

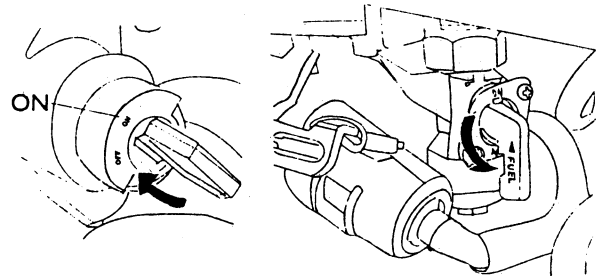
■ PASSING SIGNAL SWITCH

PASSING Turn on the main switch. Press the **PASSING** switch and the headlight will wink.
When passing, if there are cars coming from the opposite direction, press the **PASSING** switch and the headlight will wink to warn the coming cars.



4. HOW TO START THE ENGINE

1 TURN THE MAIN SWITCH "ON" WHILE SWITCHING THE FUEL VALVE "ON".



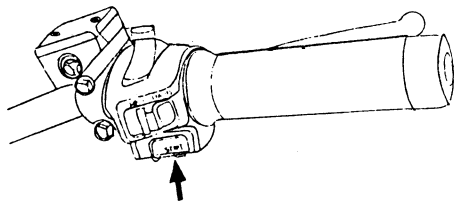
CAUTION:

- When the key is turned to "ON", inspect the neutral position indicator light, horn and turn signal light for proper operation.

② START THE ENGINE

When starting with starter motor, rotate the throttle grip for 1/8-1/4 turn and press the starter button to start the engine.

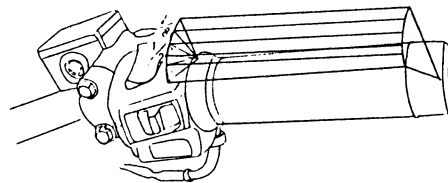
- Warm up the engine for a little while (about 2-3 minutes) after cold start.
- When the engine is running without load, don't idle it at high speed to ensure its long service life.



CAUTION:

- Keep your finger away from the button immediately after the engine is started.
- During engine running, do not press the starter button to avoid engine damage.
- Do not press the starter button over 4 seconds each time.

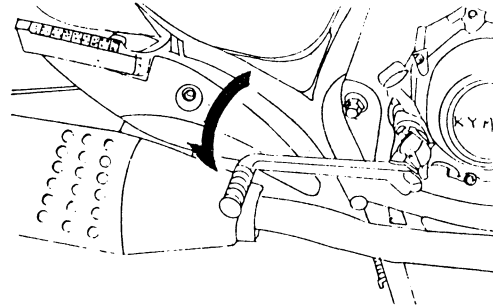
- If the engine fails to start after the starter button is pressed for 3-4 seconds, push down the choke rod to help starting.
- When the motorcycle is not used for a long time or the fuel tank is empty, if the engine is still hard to start after the gasoline is refilled, drain the gasoline from the carburetor with a screw driver and then start the engine again.
- Warm up the engine for a little while after cold start.



③ START BY KICK LEVER

Rotate the throttle grip for 1/8-4/1 turn and set the kick lever at 70°. Then depress the kick lever with force for starting.

- Warm up the engine for a little while (about 2-3 minutes) after cold start.



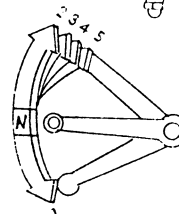
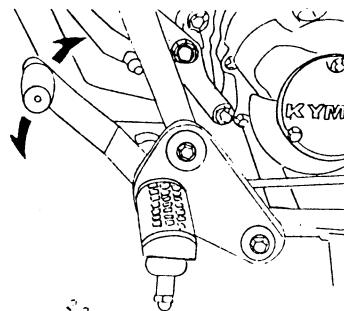
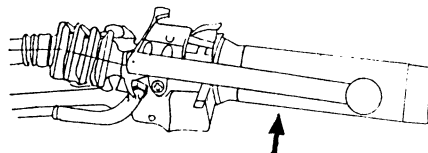
CAUTION:

- After the engine is started, return the kick lever to its original position.
- The engine exhaust contains poisonous carbon monoxide which is harmful to human body. Never run the engine in a closed area.

■ WHEN RIDING THE MOTORCYCLE

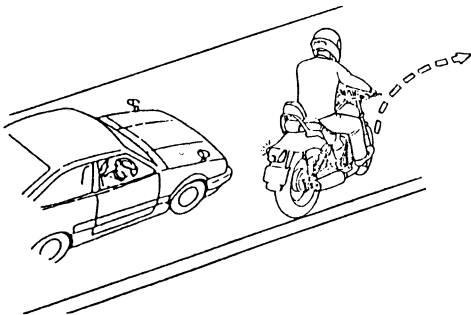
- 1 FULLY APPLY THE CLUTCH LEVER AND DEPRESS THE GEAR SHIFT PEDAL INTO THE 1ST SPEED WITH THE LEFT FOOT.
- 2 SLOWLY ROTATE THE THROTTLE GRIP AND LOOSEN THE CLUTCH LEVER AT THE SAME TIME. THEN THE MOTORCYCLE WILL MOVE SMOOTHLY.

- When changing speed, the throttle grip must be turned to the closed position. Then fully apply the clutch lever and gently depress the gear shift pedal.
- Shift into a proper speed according to the figure shown below.



■ CORRECT RIDING

Before moving, turn on the turn signal light and make sure that the rear side is safe.



■ SPEED CONTROL

- The speed is controlled by the throttle grip.

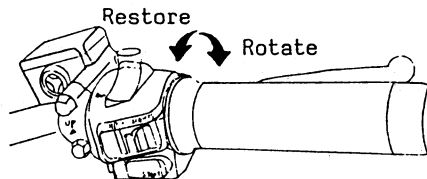
ROTATE ---The speed will become faster.

Accelerate slowly.

When riding on an ascending road, shift into a proper speed so that the engine rpm can match the motorcycle speed.

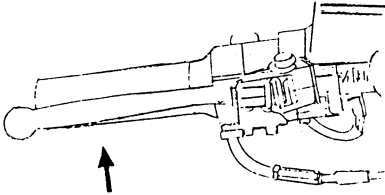
RESTORE --The speed will become slower.

Restore the throttle grip quickly.



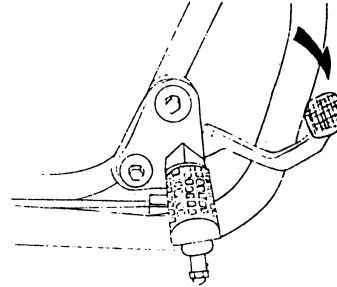
■ PROPERLY RIDING WILL PROLONG THE SERVICE LIFE OF MOTORCYCLE

- For a new motorcycle, keep the speed below 60KM per hour within the first 1500KM.
- Avoid sudden acceleration.
- Avoid running the engine at high speed without load.



■ APPLY BOTH FRONT AND REAR BRAKES WHEN BRAKING

- Restore the throttle grip to the closed position and then apply the front and rear brakes at the same time.
- The best way to brake the motorcycle is to apply the front brake lever and rear brake pedal "slowly" at the very beginning, then apply them fully.



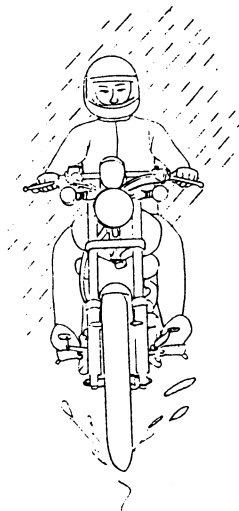
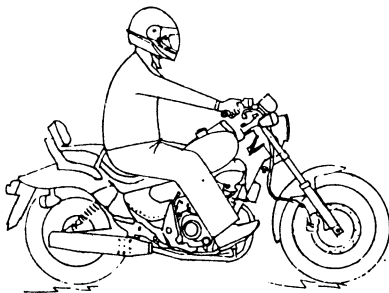
CAUTION:

- Apply single brake will cause the motorcycle to slip. Be careful.
- The riding speed shall match the shifted gear position. Avoid shifting into low gear when riding at high speed.

■ DO NOT MAKE SUDDEN STOP OR SHARP TURN ■ BE MORE CAREFUL WHILE RIDING IN RAINY DAYS

- Sudden stop and sharp turn are the main causes for slipping and could be very dangerous.

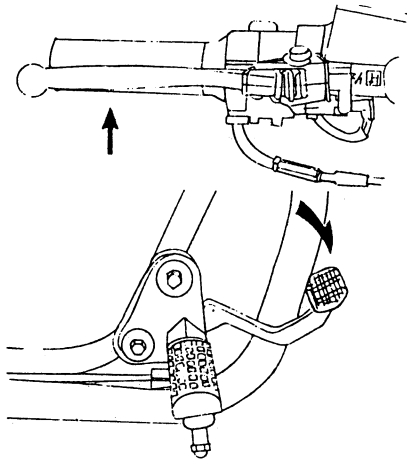
- The road surface in rainy days is different from that in sunny days. As longer braking distance is required in rainy days, slow down the speed and brake the motorcycle as early as possible.
- When riding on a descending road, restore the throttle grip to closed position and slow down the speed by making intermittent braking.



■ HOW TO STOP RIDING

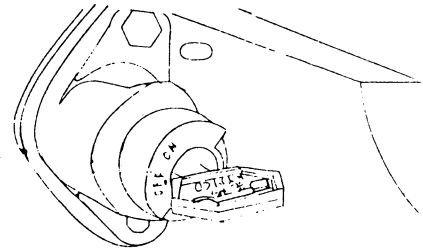
① WHILE GO NEAR THE PARKING PLACE

- Turn on the turn signal light, watch out vehicles coming behind or aside and stop the motorcycle slowly.
- Restore the throttle grip to its original position and apply the front and rear brakes as early as possible. At this moment, the stoplight will display to warn the vehicles coming behind.



② WHILE THE MOTORCYCLE IS FULLY STOPPED

- Return the turn signal switch to its original position and turn the main switch "OFF".

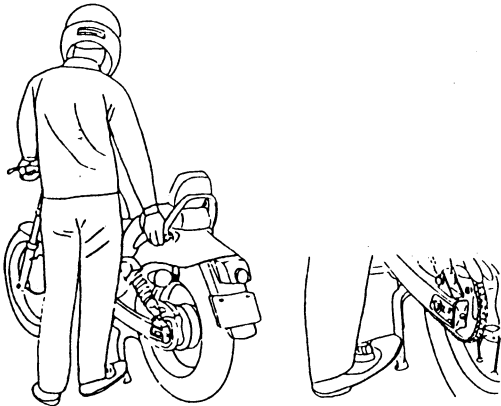


CAUTION:

- During riding, never turn off the main switch and take out the key unless the motorcycle is fully stopped; otherwise the electric system will not work and result in traffic accident.

③ PARKING

- Place the motorcycle on its main stand on level ground and do not hinder the traffic. The motorcycle may easily fall down if it is parked on an uneven ground.
- Grip the steering handlebar straight with left hand and the lever under the seat with right hand. Then step down the main stand with right foot and pull the motorcycle backward by force with right hand.

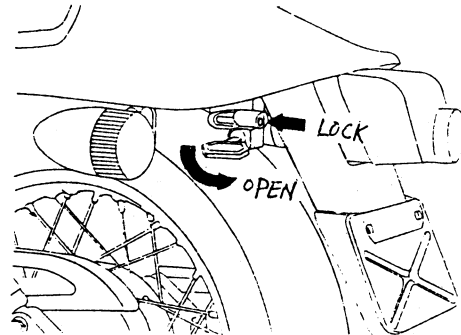


④ AFTER PARKING, BE SURE TO LOCK THE STEERING HANDLEBAR AND TAKE OUT THE KEY TO PREVENT PILFERAGE.

(Refer to Page 12.)

⑤ HELMET LOCK

- Insert the main switch key and turn it counterclockwise. Then, put in the helmet buckle and push the lock latch left to lock it.
- When taking out the helmet, insert the key and turn it counterclockwise to open the lock.



5. PRE-RIDE INSPECTION

■ ADVANCE INSPECTION

Get into a good habit of inspection before riding.

For the sake of safety and to prevent vehicle damage and traffic accident, the pre-ride inspection is absolutely required.

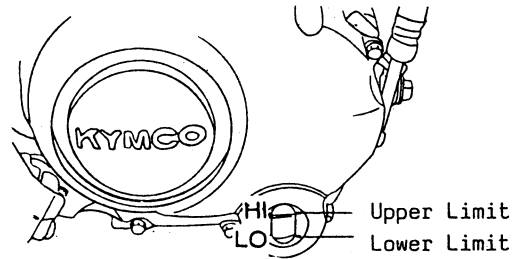
Make sure to perform pre-ride inspection when it is not difficult or troublesome.

If any abnormal condition is found, contact our distributor or service station.

① ENGINE OIL CHECK & REFILLING

ENGINE OIL LEVEL CHECK

1. Place the motorcycle on its main stand.
2. Check through the sighthole if the oil level is between the upper limit and lower limit.
3. If the oil level is below the lower limit, add the engine oil to the upper limit.



■ RECOMMENDED ENGINE OIL

Specification : SAE: 15W 40#
API: SG/CD

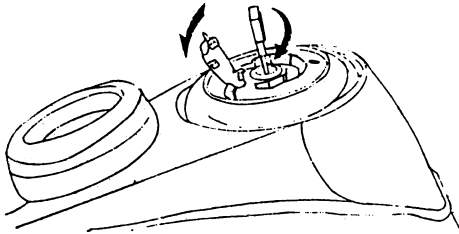
1. Make sure to use genuine engine oil. Fake engine oil will cause damage to engine.
2. Go to our designated distributor or service station to replace genuine KYMCO engine oil for your motorcycle.

CAUTION:

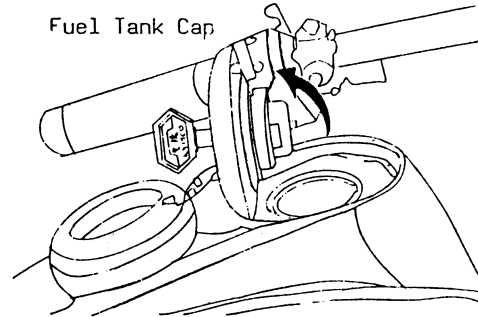
- The oil level will be incorrect if the motorcycle is just stopped or placed on an uneven ground.
- Be careful to avoid burns if oil level check or oil change is performed immediately after the engine is stopped.

[2] FUEL LEVEL CHECK & REFILLING

- If the fuel level gauge pointer is near the red area, there is only 1.6 liters of gasoline left.
- Open the key protector on the fuel tank cap and insert the main switch key to open the fuel tank cap by turning the key clockwise.
- When closing, simply press down the fuel tank cap to close it.



Fuel Tank Cap

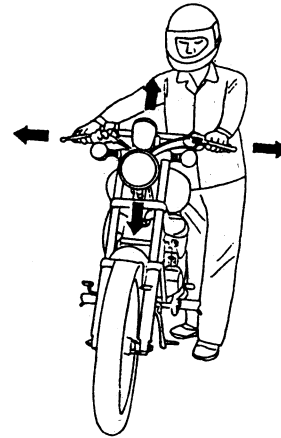


CAUTION:

- Stop the engine while refilling gasoline.
- When closing the fuel tank cap, the arrow mark shall face forward to align the tab with groove.
- The fuel level shall be one inch away from the fuel filler. If the fuel level is too high, the fuel will penetrate out easily.

(3) STEERING HANDLEBAR INSPECTION

- Move the steering handlebar forward, backward, rightward and leftward to check for any loose parts.
- Check if the handlebar rotates freely.
- Check if the handlebar has verticle movements.
- If any abnormal condition is found, contact our distributor or service station for inspection.



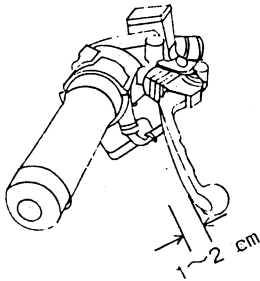
[4] BRAKE INSPECTION

FRONT BRAKE INSPECTION

The brake lever should have proper free play.

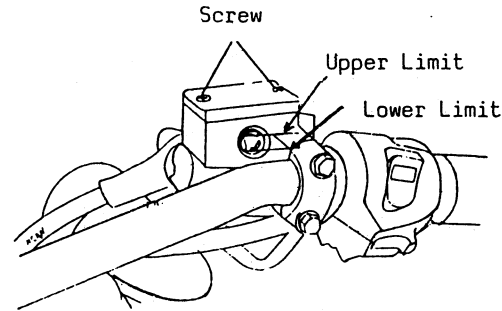
The normal free play is 1-2cm.

"Free Play" means the distance from the position of loose brake to the position of fully applied brake.



FRONT BRAKE FLUID LEVEL INSPECTION

- The brake fluid level shall be kept between the upper and lower limits. Check the brake shoe for wear when the fluid level is close to the lower limit.
- If the wear of brake shoe does not exceed the specified limit, it means there is fluid leakage. In this case, contact our distributor or service station for inspection.



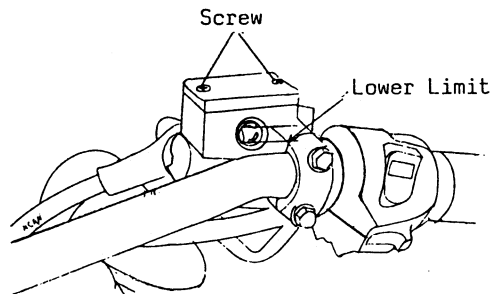
RECOMMENDED BRAKE FLUID: DOT3

BRAKE FLUID REFILLING :

1. Remove the 2 screws on the brake fluid tank and take off the tank cover.
2. Keep the handlebar horizontally and add the recommended brake fluid DOT-3 into the tank until the fluid level reaches the upper limit of the eye-hole and then put on the cover and tighten the 2 cover screws.

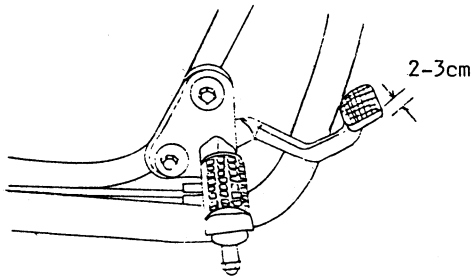
CAUTION:

- Use other unspecified brake fluids may cause brake failure and could be very dangerous.
- When refilling brake fluid, use towels to cover and protect the paint and coated surfaces.

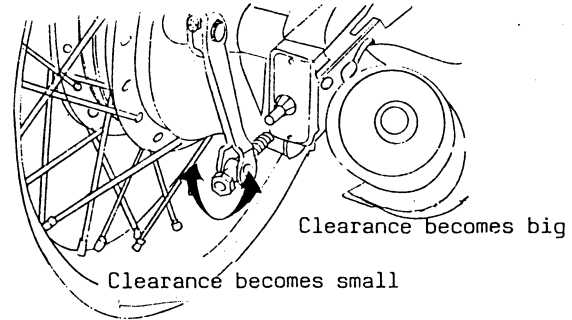


REAR BRAKE ADJUSTMENT

The rear brake pedal free play should be 2-3cm.

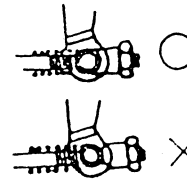


< REAR WHEEL BRAKE ADJUSTMENT >



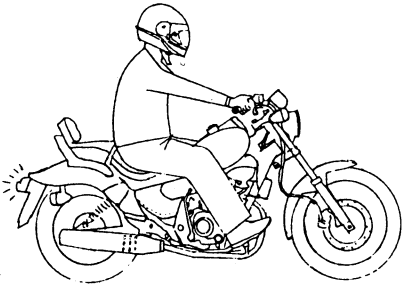
CAUTION:

- Check the front/rear brake free play from time to time. Turn the adjusting nut if adjustment is necessary.
- After the brake is adjusted, align the adjusting nut groove with the pin in order to prevent accident and danger during riding.



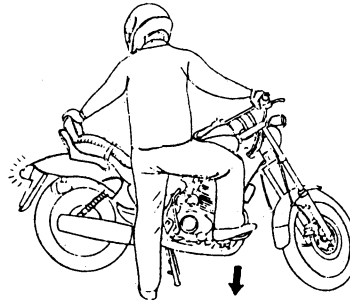
IS THE BRAKING EFFECT GOOD ?

Ride the motorcycle slowly to make sure that the front and rear brakes have good brake performance.



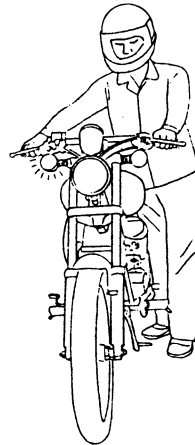
(5) STOPLIGHT INSPECTION

- Turn the main switch "ON".
- Apply the front and rear brakes respectively to check if the stoplight can display.
- Check the stoplight shell for dirt or damage.



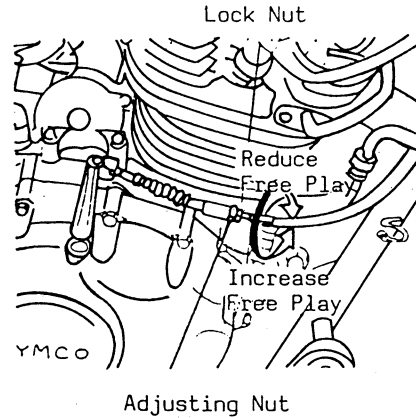
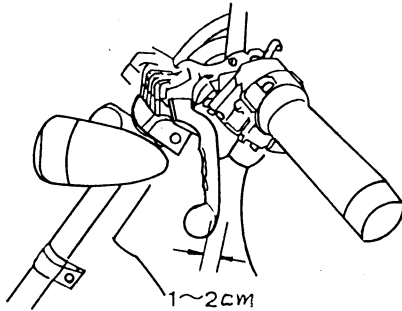
[6] TURN SIGNAL LIGHT INSPECTION

- Turn the main switch "ON".
- Operate the turn signal switch to make sure that the front and rear right/left turn signal lights and indicator lights can wink and come on.
- Check the turn signal light shell for dirt or damage.



⑦ CLUTCH CABLE INSPECTION/ADJUSTMENT

The clutch lever free play shall be 1-2cm.
Often check the clutch lever free play and
make necessary adjustment by turning the
adjusting nut.



CAUTION:

- If the clutch lever free play is too big or small, the clutch disk will be damaged easily.

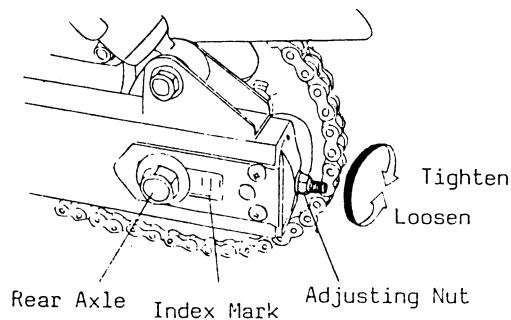
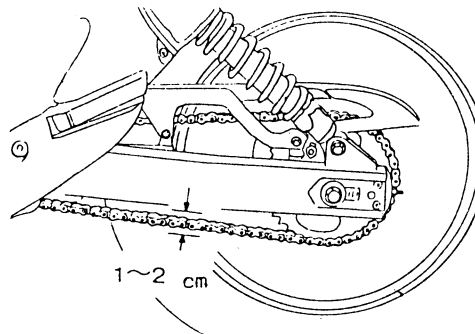
(8) DRIVE CHAIN INSPECTION/ADJUSTMENT
THE CHAIN SHOULD HAVE A SLACK OF
1-2 CM IN ITS CENTER BETWEEN THE
TWO SPROCKETS.

● ADJUSTMENT:

Loosen the rear axle nut and turn the
adjusting nut until the index mark is aligned
with the punch mark on the adjuster. Then
tighten the axle nut.

CAUTION:

- The rear wheel will move backward during
adjustment, so the rear brake pedal free
play shall also be adjusted.



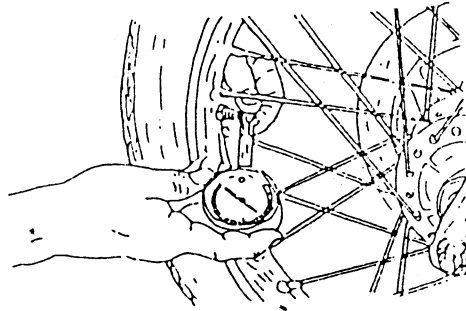
[9] TIRE INSPECTION

- Check if the tire pressure is normal.
- Check with a tire pressure gauge.

- Check the tire groove for imbedded objects such as metal piece, gravel, etc. Remove them before riding.
- If any of the tires is broken or exceeds the service limit of tire groove depth, replace it with a new one.

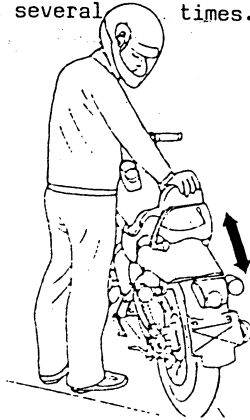
NORMAL PRESSURE (COLD)

	FRONT	REAR
1 rider	1.75kg/cm ²	2.0kg/cm ²
2 riders	1.75kg/cm ²	2.25kg/cm ²



10) FRONT/REAR SHOCK ABSORBERS
INSPECTION

Check the condition of front/rear shock absorbers by pressing down on the handlebar and seat several times.



11) DOES THE HEADLIGHT AND TAILLIGHT
COME ON ?

- When the main switch is "ON", turn on the headlight switch to check if the light can come on. Also, check the light shell for dirt or damage.

12) DOES THE SPEEDOMETER WORK ?

13) DOES THE HORN SOUND ?

Turn the main switch "ON" and press the horn button.

14) IS THE REARVIEW MIRROR ADJUSTED
PROPERLY ?

Have a visual inspection by sitting on the seat. Also check the mirrors for dirt or damage.

To ensure a safe and comfortable riding, make sure to perform periodic inspection and maintenance for your motorcycle.

KYMCO distributors and service stations will provide you with the aftersales service and maintenance.

Refer to the Periodic Maintenance Schedule for the inspection time and items.

If the motorcycle is not used for a prolonged time, periodic inspection is also required.

INITIAL INSPECTION

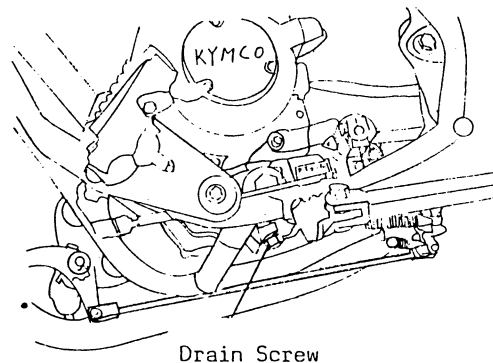
Make sure to perform inspection and maintenance for your new motorcycle after it is purchased for one month or ridden for first 300KM.

■ ENGINE OIL CHANGE

< Change Period >

Change engine oil at first 300KM
and then change it at every 1000KM.

USAGE OF ENGINE OIL		
SAE30	15°C	Specified KYMCO Engine Oil
SAE20	0°C	
SAE15W		



ENGINE OIL CAPACITY :

At Disassembly : 1.1ℓ

At Change : 1.0ℓ

CAUTION:

- Check the engine oil level at every 500KM.
If the oil level is below the lower limit,
add engine oil to the upper limit.

<Oil Change>

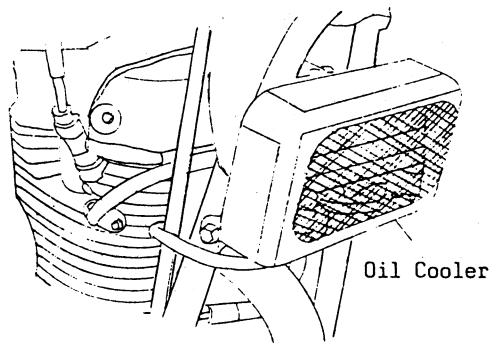
1. Remove the oil filler cap.
Remove the drain screw to drain the oil.
— The oil will drain more easily when the engine is warm.
2. Wipe the drain screw clean and reinstall it.
3. Refill fresh engine oil for 1.0 liter.

CAUTION:

- Be sure to use the recommended SAE15W40# API SG/CD engine oil.
- Engine oil will deteriorate easily and require more frequent change under the following conditions:
 - .Often ridden on macadam road.
 - .Often ridden for short distance.
 - .The time for idling is too long.
 - .Ridden in cold area.
- When refilling engine oil, the oil level shall not exceed the upper limit on the sight hole.
- When changing engine oil while the engine is hot, be careful to avoid burns.

■ OIL COOLER INSPECTION & CLEANING

- Inspect the oil cooler radiating fin for dust build-up or foreign matters which will cause engine overheating.
- Clean with compressed air or water.



CAUTION:

- The oil cooler radiating fin is very thin. When cleaning, do not use screw driver or other hard tools to avoid damage.

CAUTIONS FOR ENGINE OIL CHANGE :

- When the engine oil level is too high or too low, the engine performance will be affected.
Oil level too high -
When the engine is running, the friction resistance rises and the engine output decreases. Therefore, the oil temperature increases to make the engine oil deteriorate.
Oil level too low -
When the engine is running, insufficient lubrication will result in worn and seized engine parts.
- Do not use engine oil of different brand, different class and poor quality because they may damage the engine.
- Use unspecified engine oil will deteriorate the oil quality to affect the lubricating efficiency and shorten the engine service life.

■ SPARK PLUG INSPECTION

Fouling deposits on spark plug electrodes and big gap may cause weak spark.

[CLEANING]

- It is better to remove spark plug deposits with a spark plug cleaner.
- If a spark plug cleaner is not available, clean with a needle brush.

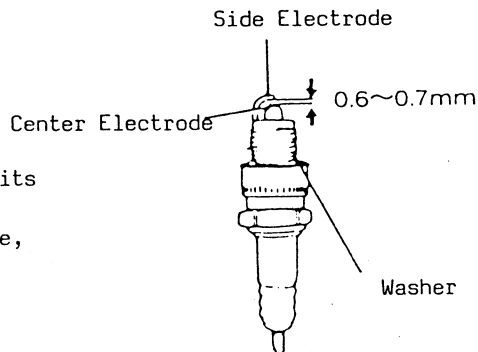
[ADJUSTMENT]

- The normal gap of side electrode is 0.6-0.7mm (As shown in the figure)

[SPECIFIED SPARK PLUGS]

(N.G.K.)D-8EA

- Always use the specified spark plug.
- Use a spark plug with lower heat range for high-speed or heavy-load riding.



CAUTION:

- Be careful to avoid burns because the engine is very hot after stopping.
- First screw in the spark plug with hand and then tighten it with a spark plug wrench.

■ AIR CLEANER CLEANING

Too much accumulated dust is the main cause of low horse power and fuel waste.

REMOVAL:

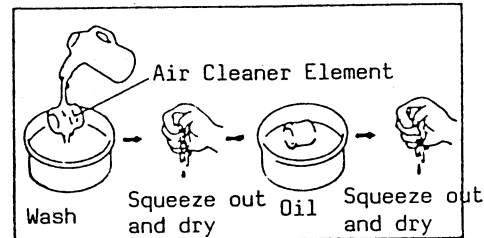
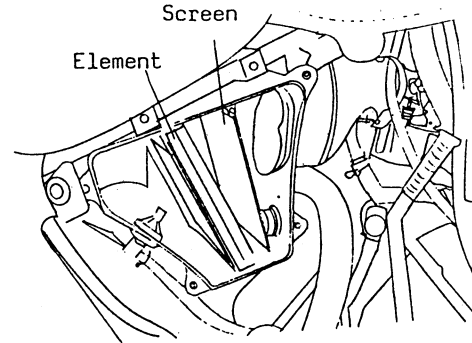
1. Remove the right frame cover and the 3 bolts attaching the emission control system.
2. Remove the 4 air cleaner cover screws and remove the air cleaner element.
3. Wash the element in solvent, squeeze out and allow to dry. Soak it in clean engine oil and squeeze out the excess oil. (See figure shown below.)
4. Do not use solvent of high vaporability to avoid damage of element. (e.g. gasoline)

<INSTALLATION>

- Install the air cleaner in the reverse order of removal.

CAUTION:

- If the air cleaner element is not installed properly, dust may be sucked into the cylinder directly to reduce horse power and affect the service life of engine.
- When washing the motorcycle, be careful not to allow water entering into the air cleaner; otherwise it may result in hard starting.



■ BATTERY INSPECTION

(1) THIS MODEL ADOPTS THE BATTERY WHICH NEEDS NO REFILLING OF DISTILLED WATER.

The battery needs no inspection and refilling of distilled water.

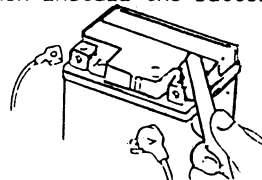
CAUTION:

- Never open the closed-type battery electrolyte cap.
- When the motorcycle is not used for a long time, the battery will discharge electricity by itself. Remove the battery and have it fully charged and place it in a cool place to prevent electricity leakage.
- If the motorcycle is not used for a long time, remove the negative (-) terminal from the battery.

(2) BATTERY TERMINALS

When cleaning the battery terminals, the battery shall be removed for cleaning.

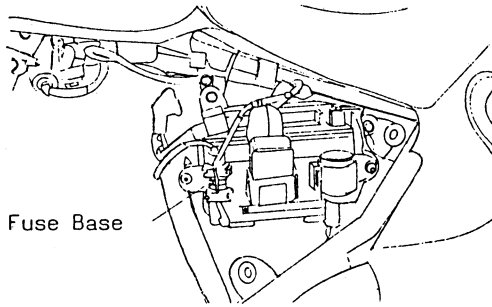
- After cleaning, apply a thin coat of grease or vaseline to battery terminals and then install the battery.



CAUTION:

- Don't smoke or allow flames or sparks near the battery while removing or installing it.
- Turn off the main switch before removal or installation. The negative (-) terminal shall be removed first and the positive (+) terminal shall be installed first.
- Tighten the loose terminal nuts securely.

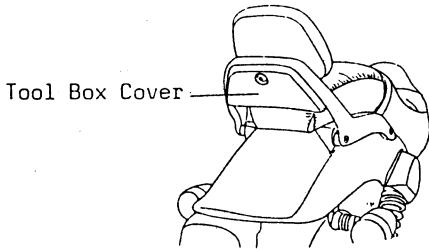
■ FUSE CHANGE



Fuse Base

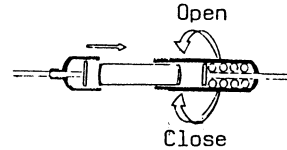
■ TOOL BOX

Use a screwdriver to remove the screw and lift off the tool box cover. Install it in the reverse order of removal.



Tool Box Cover

< REMOVAL >



● REMOVAL

Open the fuse box cover and remove the fuse. Poor connection of fuse will make it hot and faulty easily.

● INSTALLATION

Install the fuse on fuse base and close the cover by pressing it down. After the fuse is installed, check for loose connection which is the main cause of trouble.

Fuse Specification: 15A

CAUTION:

- Never use fuse of unspecified capacity, for it may cause overheating of wire and result in burning out.
- When replacing electric appliances (lights and instruments), be sure to use genuine KYMCO-recommended parts. Fuses that do not meet specified specification will burn out easily and cause imbalanced battery load.
- If the fuse burned out, check for the cause before replacing it. Otherwise, it will burn out again.
- If the cause can not be found, go to our distributors or service stations for inspection.
- Avoid flushing the motorcycle side frame when washing the motorcycle.

6. IN CASE OF BREAKDOWN

For any trouble occurred during riding, go to a KYMCO distributor or service station for inspection.

PERIODIC INSPECTION ITEMS & MAINTENANCE SCHEDULE

In order to have a safe riding, maintain good performance, prolong service life and reduce pollution, make sure to perform the periodic inspection and maintenance.

I: Inspect and clean, adjust, lubricate, or replace if necessary. A: Adjust C: Clean R: Replace
T: Tighten

ITEM	Applicable		Regular Service Mileage (KM)													Daily Pre-ride Check	
	2 Stroke	4 Stroke	300	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000		
Engine Oil	×	○	R	R	R	R	R	R	R	R	R	R	R	R	R	I	
Oil Strainer Screen	×	○	C					C				C				C	
Cooling Water	○	○	Change once a year													I	
Gear Oil	○	○	R					R						R			
Spark Plug	○	○	Clean at every 1000/2000 KM (2-stroke/4-stroke), replace if necessary														
Ignition Timing		○		A			A				A					A	
Valve Clearance	×	○		A			A				A					A	
Cam Chain	×	○		A			A				A					A	
Carburetor	○	○					I				I					I	
Air Cleaner	○	○	Change element at every 1000/3000 KM (other models), replace if necessary.														
Battery Electrolyte	○	○		I	I	I	I	I	I	I	I	I	I	I	I	I	I
Fuel Filter Screen	○	○											R				
Motor Oil Filter Screen	○	×					C					C				C	
Motor Oil Pump	○	×	I				F					I				I	
Brake System	○	○		I	I	I	I	I	I	I	I	I	I	I	I	I	
Drive Chain	○	○		I		I		I		I		I		I			
Drive Belt	○	○										I					
Nuts, Bolts	○	○	T						T							T	
Clutch Lever Free Play	○	○	A					A							A		
Exhaust Gas Concentration	○	○	Often test and adjust to avoid air pollution.														
<ul style="list-style-type: none"> • The above items are applicable to different models. Perform suitable items for each model. • When exceeding the listed milages, perform maintenance according to the listed intervals. • The air cleaner requires more frequent cleaning or replacing when ridden in unusually dusty areas. 																	

SPECIFICATIONS (RF30AA)

Item	Specification
Engine Type	OHV air-cooled & oil-cooled 4-stroke single cylinder
Displacement	149c.c
Compression Ratio	9.7 : 1
Bore X Stroke	62×49.5
Max. Output	12.6/8500 PS/rpm
Max. Torque	1.18/7000 kg/rpm
Max. Speed	100km/H
Transmission Type	Foot-operated gear shift
Slope Angle	25°
Fuel Consumption	35km/ℓ (50km/H Constant Speed)
Fuel Capacity	14.2 ℓ
Engine Oil Capacity	1.1 ℓ
Dry Weight	144kg
Overall Length	2190mm

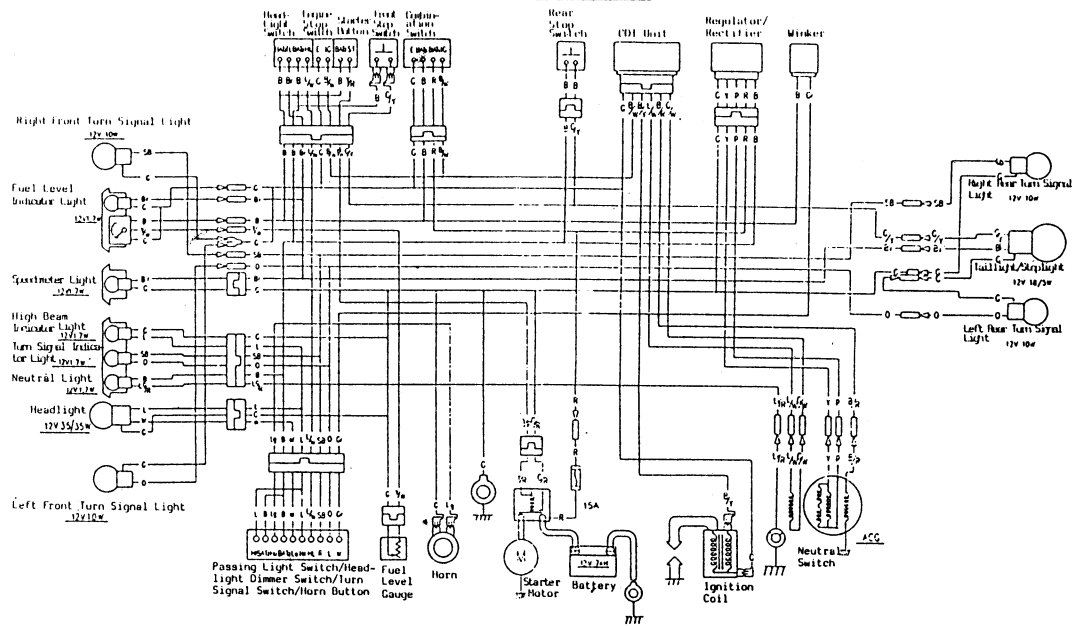
Overall Width	745 mm
Overall Height	1080 mm
Ground Clearance	140 mm
Wheel Base	1460 mm
Tire Size	3.00-18 130/90-15
Starting System	Starting Motor & Kick Starter
Ignition	C.D.I
Transmission Ratio 1st Speed	2.846
2nd Speed	2.063
3rd Speed	1.40
4th Speed	1.13
5th Speed	0.923

SPECIFICATIONS (RF25AA)

Item	Specification
Engine Type	OHV air-cooled & oil-cooled 4-stroke single cylinder
Displacement	124c.c
Compression Ratio	9.0 : 1
Bore X Stroke	56.5 × 49.5
Max. Output	7.8/9000 KW/rpm
Max. Torque	9.3/6500 N.m/rpm
Max. Speed	101 km/H
Transmission Type	Foot-operated gear shift
Slope Angle	22°
Fuel Consumption	60 km/ ℓ (50km/H Constant Speed)
Fuel Capacity	14 ℓ
Engine Oil Capacity	1.1 ℓ
Dry Weight	152kg
Overall Length	2183mm

Overall width	810mm
Overall Height	1162mm
Ground Clearance	140mm
Wheel Base	1470mm
Tire Size	3.00-18 130/90-15
Starting System	Starting Motor & Kick Starter
Ignition	C.D.I
Transmission Ratio	
1st Speed	2.846
2nd Speed	2.063
3rd Speed	1.27
4th Speed	1.13
5th Speed	0.923

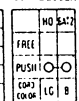
WIRING DIAGRAM



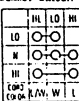
Turn Signal Switch



Horn Button



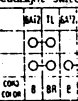
Headlight Dimmer Switch



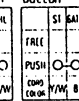
Passing Light Switch



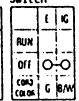
Headlight Switch



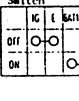
Starter Button



Engine Stop Switch



Combination Switch



B	Black	Br	Brown
Y	Yellow	O	Orange
L	Blue	SB	Light Blue
G	Green	Lg	Light Green
R	Red	P	Pink
W	White	G	Gray



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