

# HONDA 50

## MODEL SS50Z OWNER'S MANUAL

Please read this manual thoroughly before riding the moped. Follow the instructions carefully for optimum performance and trouble-free durability.

OWNER'S NAME  
ADDRESS  
DATE OF PURCHASE  
CHASSIS NO.  
ENGINE NO.

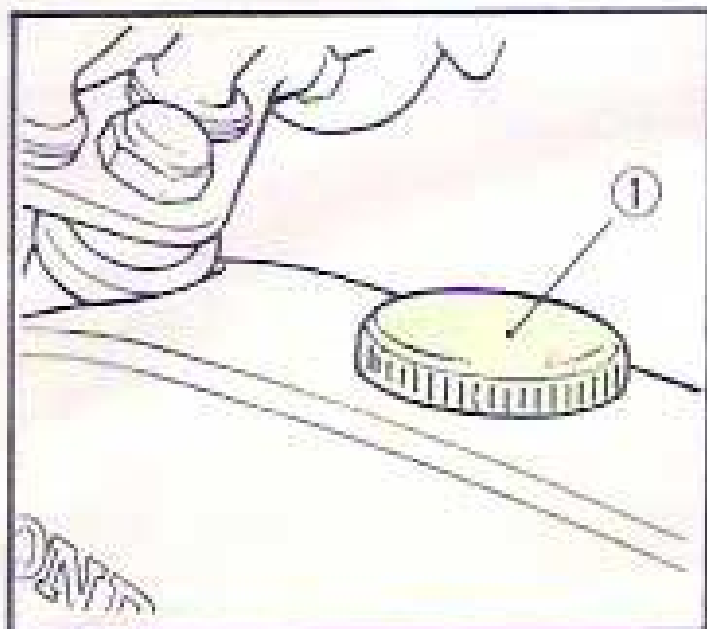

# BEFORE RIDING CHECK

Remove fuel filler cap ① and check for sufficient fuel. Fill if necessary. **NEVER USE FUEL/OIL MIXTURE.**  
Tank capacity : 7.0liters (1.8 US. gals., 1.5 Imp. gals.)

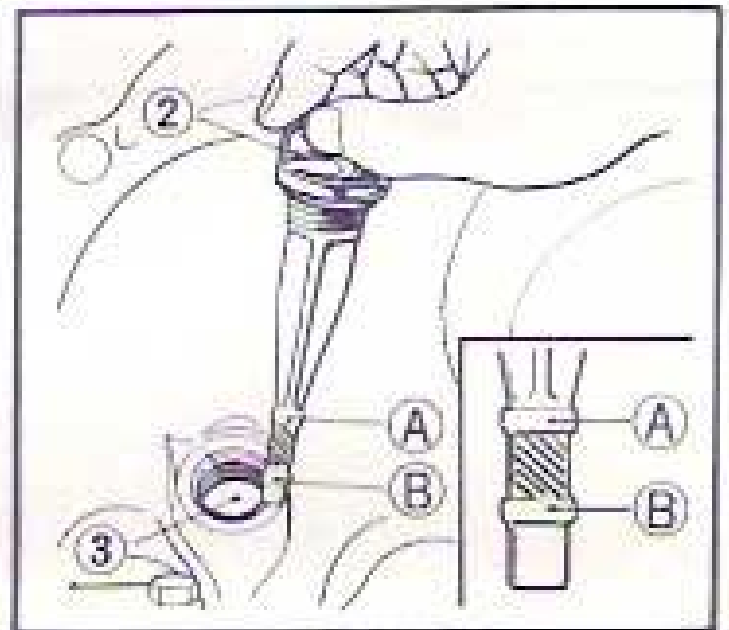
Unscrew filler cap ② and check engine oil level, making sure it is between **UPPER** and **LOWER** marks on the gauge. Do **NOT** screw in filler cap when checking. Use oil of proper viscosity grade.

# 10W	32°	# 20 or 20W	60°F	# 30
	0°		15°C	
# 10W - 30				

① Fuel filler cap



- ② Filler cap dipstick
- Ⓐ Upper mark
- Ⓑ Lower mark
- ③ Oil fill hole



## TECHNICAL DATA

Overall length	1,845 mm (72.6 in.)
Overall width	570 mm (22.4 in.)
Overall height	950 mm (37.4 in.)
Wheel base	1,180 mm (46.5 in.)
Weight	73 kg (16 lbs)
Tire size	Front 2.50-17 (4PR) Rear 2.50-17 (4PR)
Fuel tank capacity	7.0 lit (1.8 US. gal., 1.5 imp. gal.)
Displacement	49cc (2.99 cuin.)
Bore × stroke	39.0 × 41.4 mm (1.535 × 1.630 in.)
Compression ratio	8.8 : 1
Spark plug	NGK C-6HS, ND U20FS
Battery	6V-4AH
Oil capacity	0.7 lit (0.7 US. qt., 0.6 imp. qt.)
Gear ratios	1st. 2.692 2nd. 1.823 3rd. 1.300 4th. 0.958
Primary reduction	4.312
Secondary reduction	3.500

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**K<sub>1</sub>**

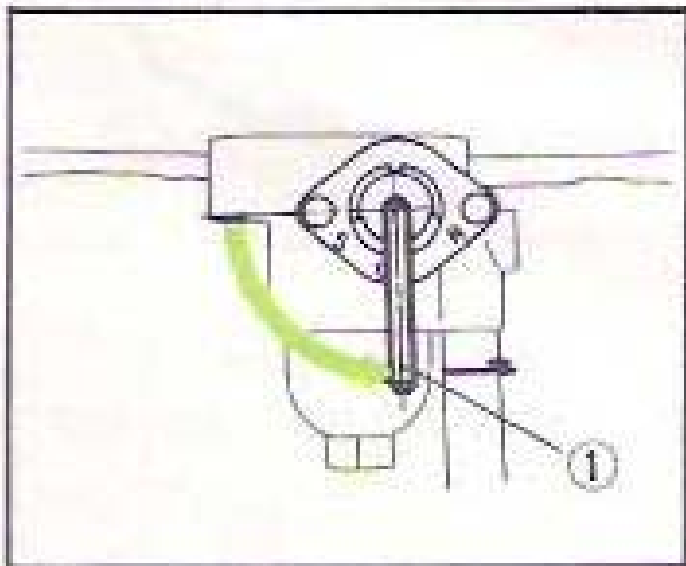
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PRINTED IN JAPAN

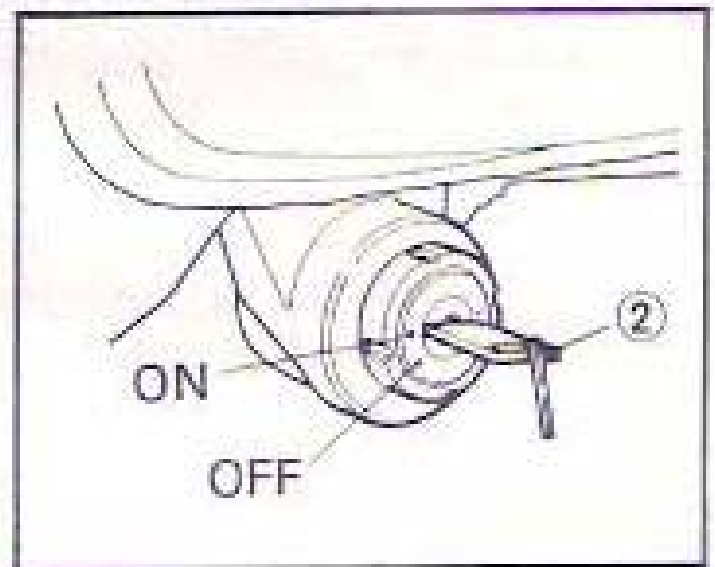
# STARTING THE ENGINE

Turn fuel cock ① to "ON" position. Position "R" is for reserve tank (1.5 liters, 0.4 U.S. gal., 0.3 Imp. gal.). Insert key into main switch ② and turn it to "ON" position. Make sure neutral indicator light (green) on the speedometer is ON.

① Fuel cock



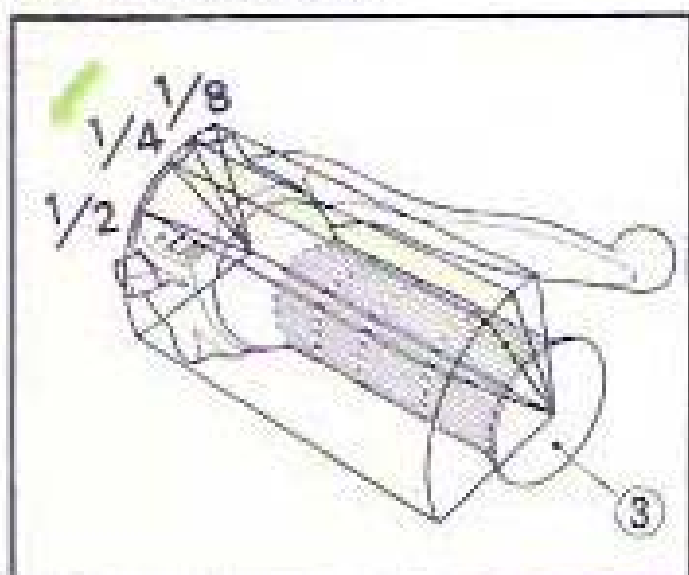
② Main switch



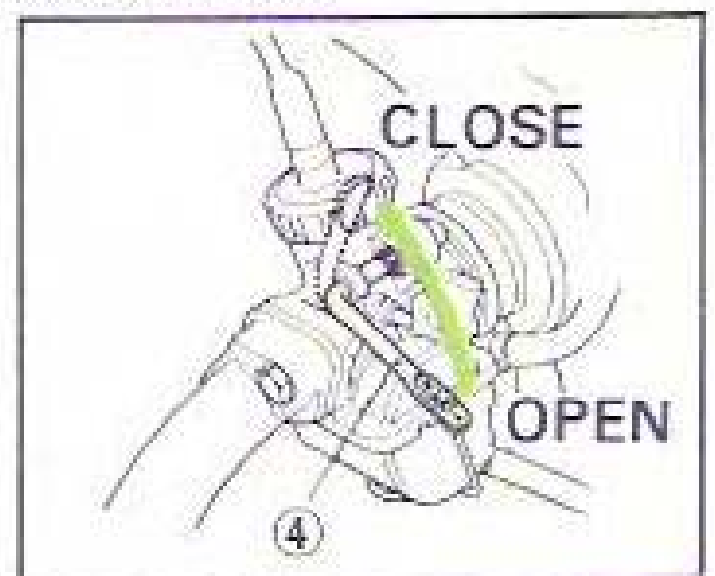
Twist throttle grip ③ inward slightly and depress kick starter with right foot, starting from top of stroke and following through to bottom with a rapid and continuous kick. Depress it two or three times until engine fires.

In cold weather, turn choke lever ④ to fully "CLOSE" position. Return it to "OPEN" position as engine warms up.

③ Throttle grip



④ Choke lever



# CONTROLS & INSTRUMENTS

## SPEEDOMETER

Speedometer ① indicates speed and odometer ② is included in it to record the mileage travelled.

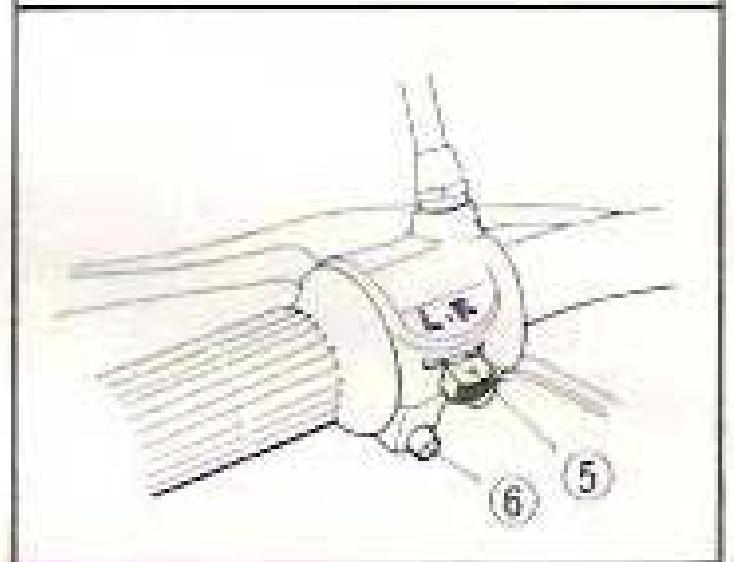
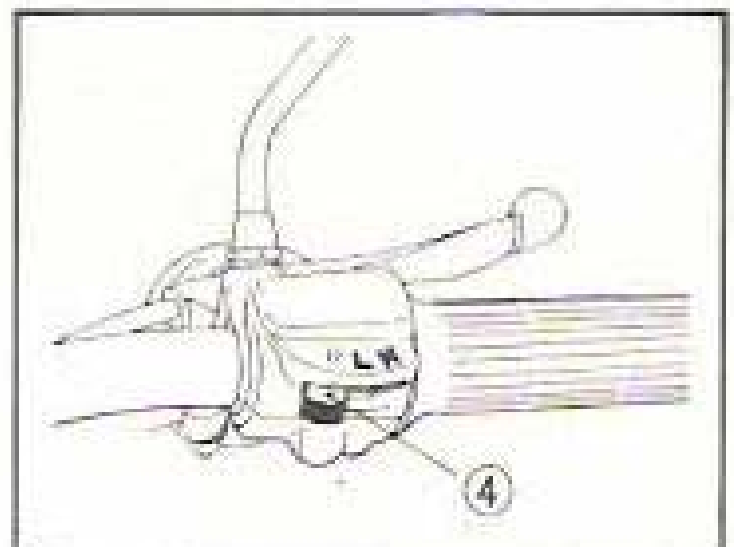
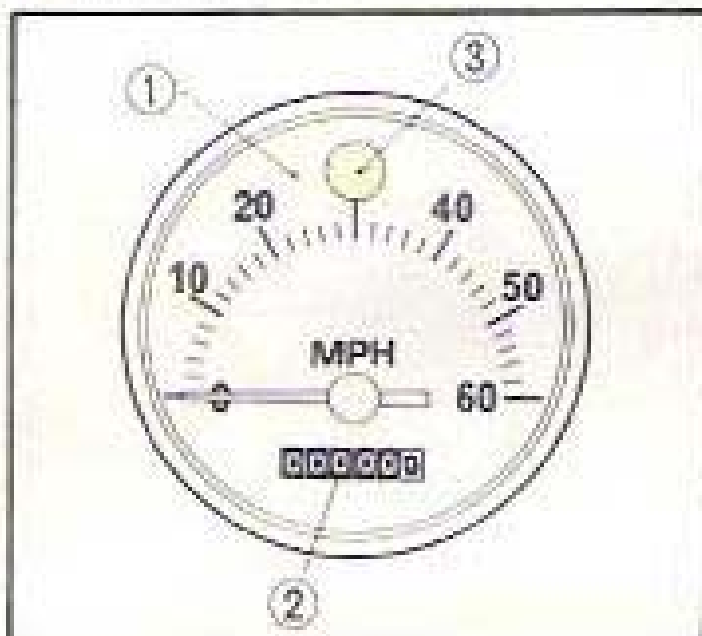
## HEADLIGHT CONTROL SWITCH

Place switch ④ in red-dot position for day-time riding. Position "L" is for low beam or dim and position "H" for high beam.

## TURN SIGNAL CONTROL SWITCH

Move switch ⑤ to "R" position when making a right turn and to "L" position when making a left turn.

- ① Speedometer
- ② Odometer
- ③ Neutral indicator light
- ④ Headlight control switch
- ⑤ Turn signal control switch
- ⑥ Horn button



# PARKING & STEERING LOCK

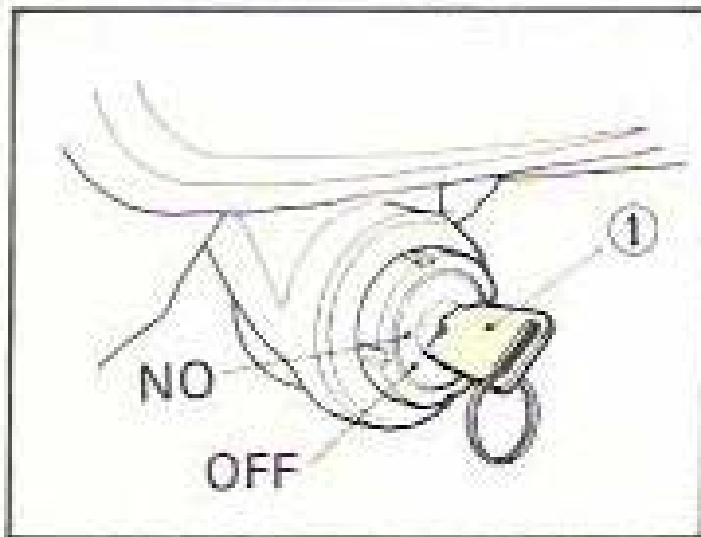
Turn main switch key ① to "OFF" position and remove key. Turn fuel cock ② to "S" position. If necessary, lock handlebar. To lock, turn handlebar all the way to the left, insert key into steering lock ③ and turn it as illustrated below.

## HELMET HOLDER

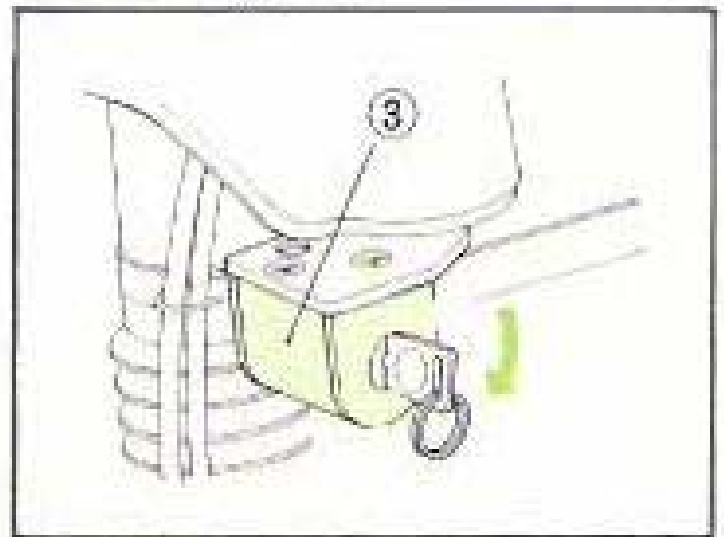
Helmet holder eliminates carrying your helmet when parking. The holder can be locked to prevent theft.

1. Unlock the helmet holder with the main switch key ①.
2. Hang your helmet ⑤ on the holder pin ④ and push the pin to lock.

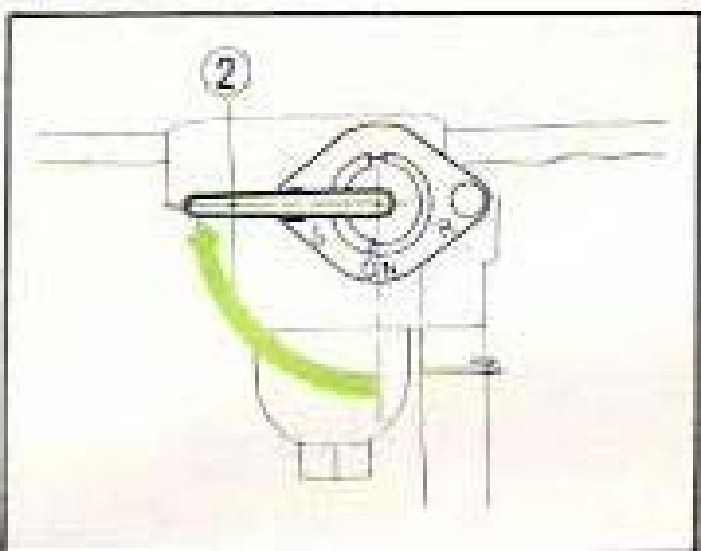
① Main switch key



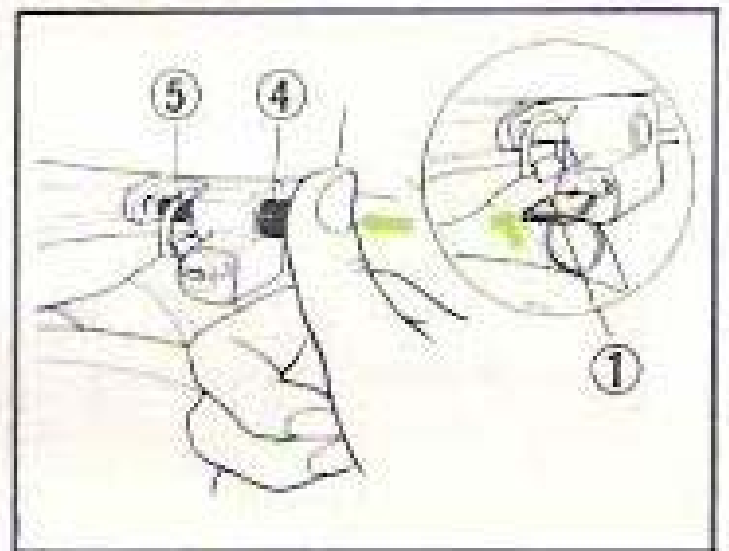
③ Steering lock



② Fuel cock



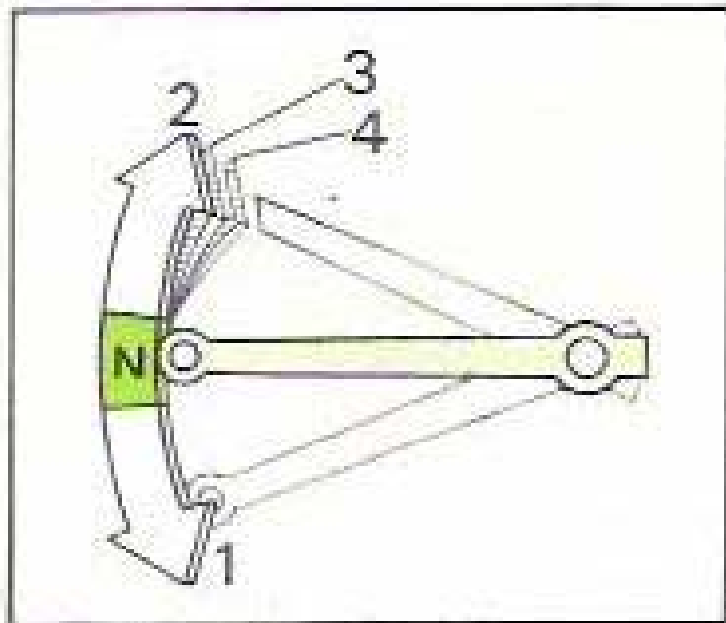
④ Holder pin      ⑥ Key  
⑤ Helmet



# RIDING THE MOPED

Turn back throttle grip, squeeze clutch lever (left side) and depress gear change pedal to shift into low (1st) gear. Shift up to 2nd, 3rd, and 4th as illustrated.

Always close throttle and disengage clutch when shifting.



Shifting sequence

## BRAKING SAFETY

Use the engine brake whenever possible.

Note : Avoid down-shifting for acceleration or engine braking if you are traveling too fast for each gear

When braking, USE BOTH BRAKES AT THE SAME TIME. With the front brake only there is a chance of somersaulting, while with the rear only there is a danger of "fishtailing" (rear wheel skidding sideways), especially on turns.

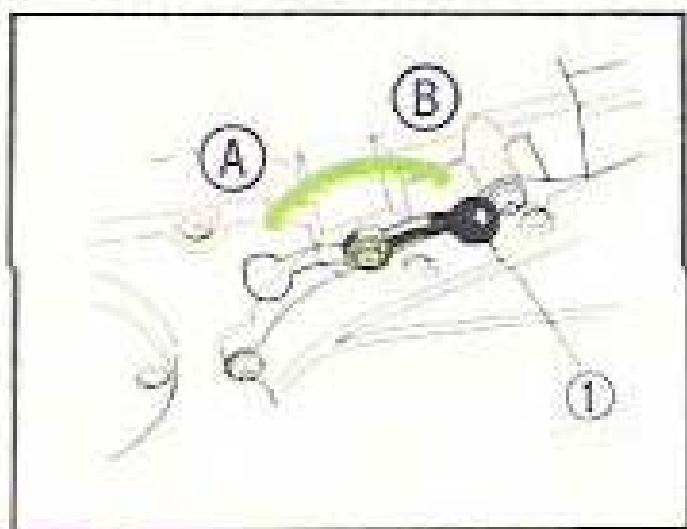
# WHEN PEDALLING

When pedalling (bicycling), be sure to check the following items.

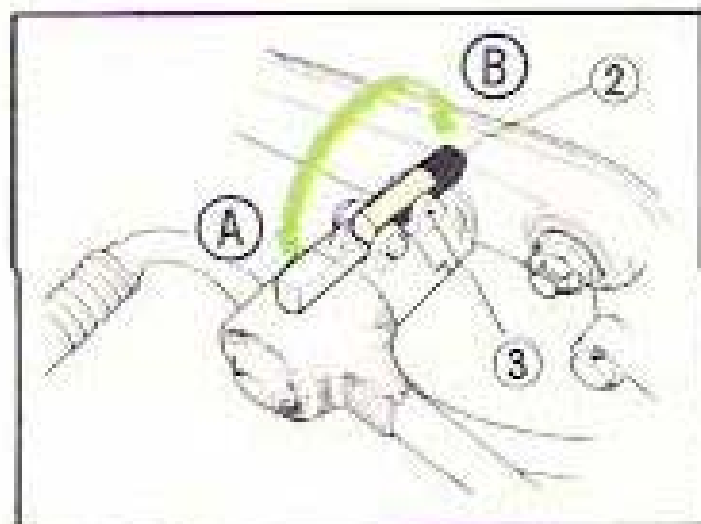
1. Turn power select lever ① in the direction of (A) and turn left pedal 180° clockwise.
2. Turn pedal catch ② (right side) in the direction of (A) completely. Now you can pedal.

When replacing to engine drive running, turn power select lever and pedal catch in the direction of (B). And then turn left pedal counterclockwise until right pedal is fitted to fork stopper with pedal catch.

① Power select lever



② Pedal catch  
③ Fork stopper





# It's IMPORTANT

To carry out the items of scheduled maintenance—checks and adjustments—for better performance of your moped.

Service Required		Months or Miles, whichever occurs first			
		First	Second	Third	Thereafter Repeat Every
Month		—	6	12	6
km		300	5,000	10,000	5,000
Mile		200	3,000	6,000	3,000
Engine oil-change		○	Every 1,500 km (1,000 Miles)		
Contact breaker points-check and clean			○	○	○
Fuel strainer-wash			○	○	○
Drive chain-adjust and lubricate		○	○	○	○
Front and rear brake-adjust		○	○	○	○
Battery-check electrolyte level		○	○	○	○
Stoplight switch-adjust			○	○	○
Clutch cable-adjust		○	○	○	○
Spark plug-clean and adjust			○	○	○
Tire inflation pressure-check			○	○	○

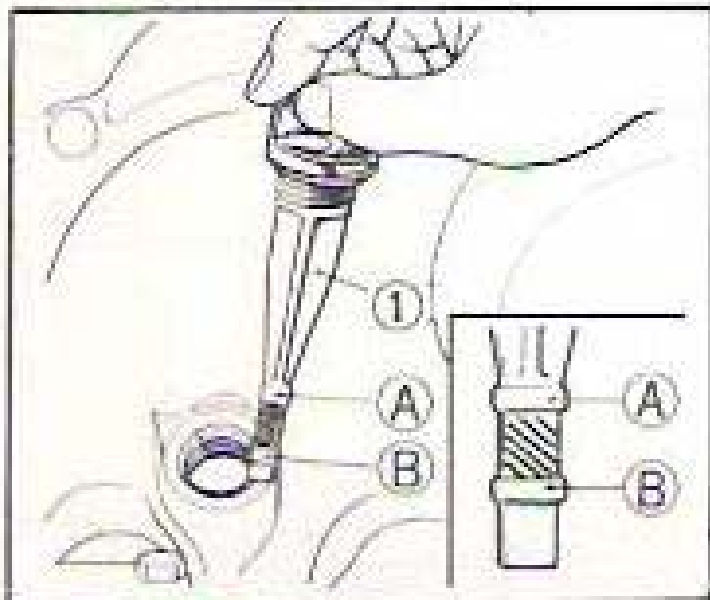
\* Contact your HONDA DEALER if any trouble occurs.

# DO-IT-YOURSELF MAINTENANCE

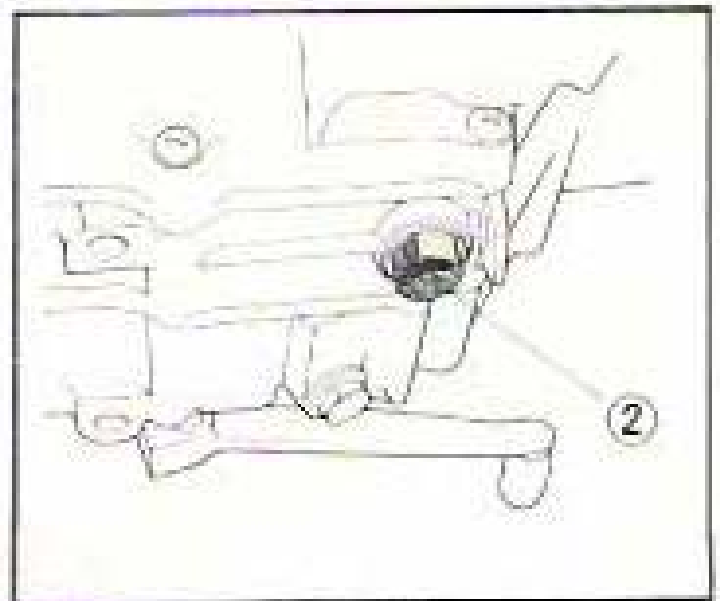
## (1) ENGINE OIL CHANGE

Remove filler cap dipstick ①. Then remove drain plug ② to drain the oil while it is warm. Refill up to upper level on level gauge.

- ① Filler cap dipstick
- A Upper level mark
- B Lower level mark



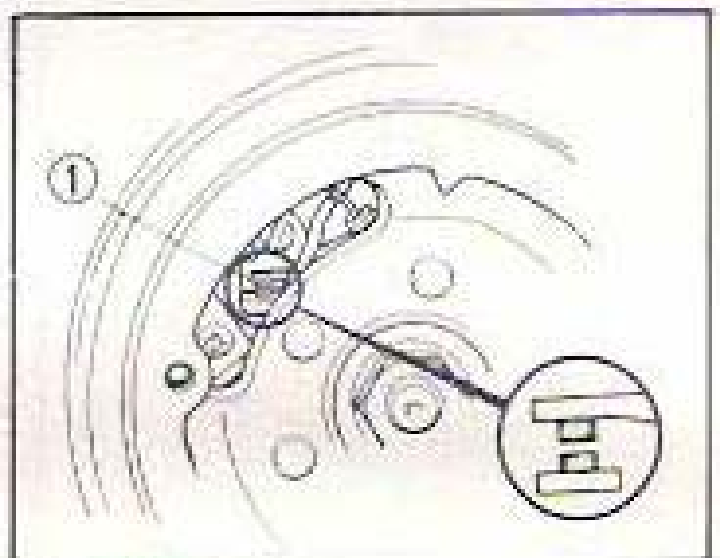
- ② Drain plug



## (2) CONTACT BREAKER POINTS

Open contact breaker points ① with a finger or small screwdriver and check for condition. Clean them with clean cloth, if dirty.

- ① Contact breaker points

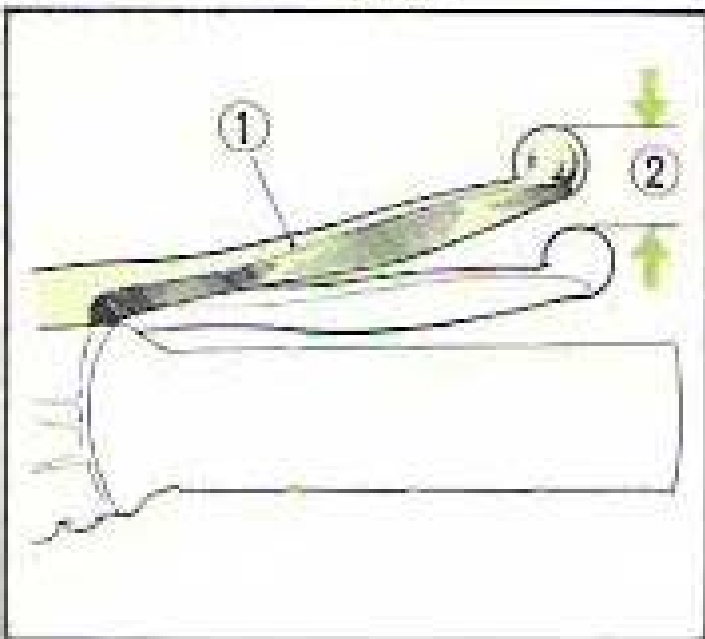


## (5) FRONT AND REAR BRAKES

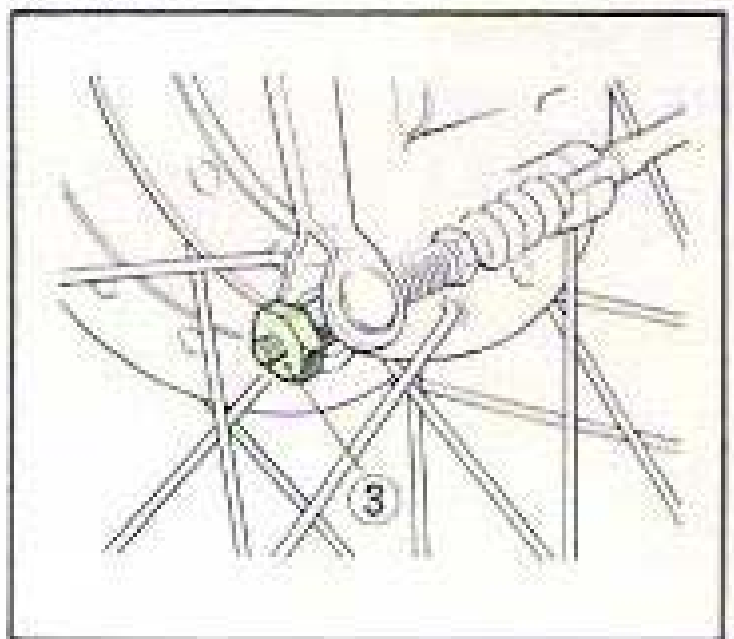
Front brake lever free play and rear brake pedal free travel should be 20-30mm (0.8-1.2in.)

Check and if necessary, adjust by means of adjusting nuts.

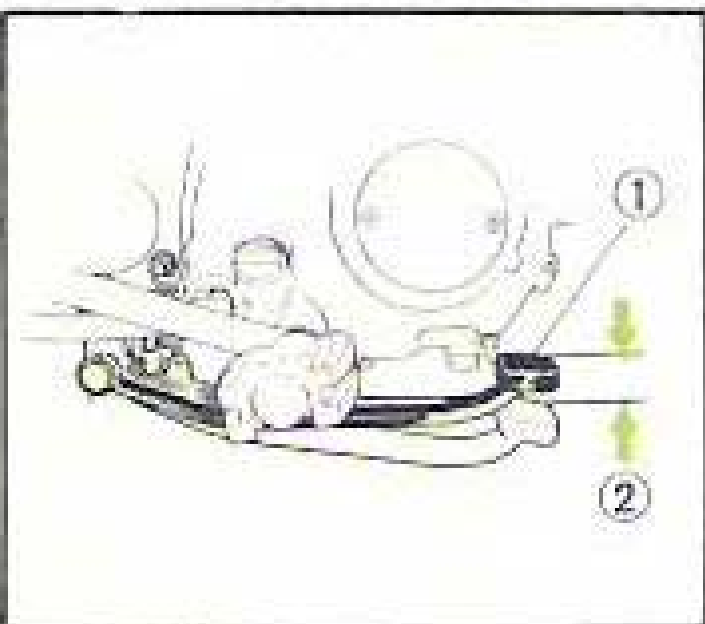
- ① Front brake lever
- ② Lever free play



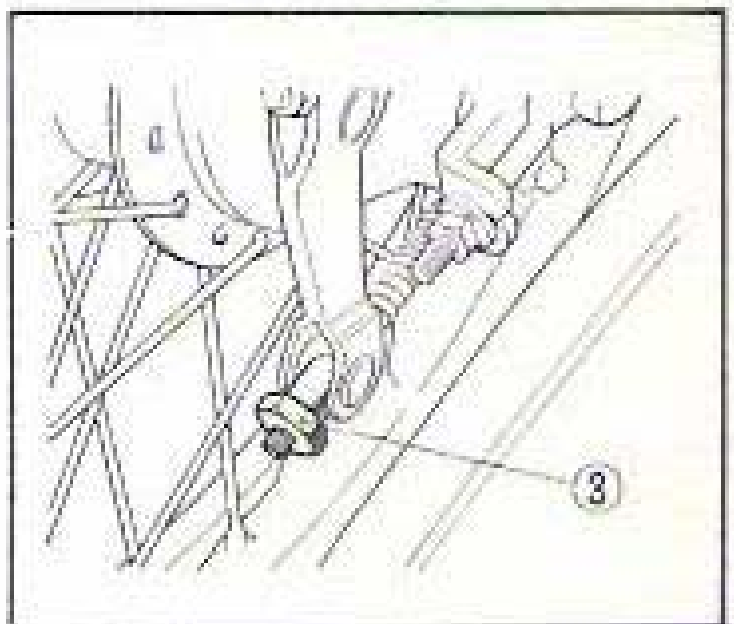
- ③ Front brake adjusting nut



- ① Rear brake pedal
- ② Pedal free travel



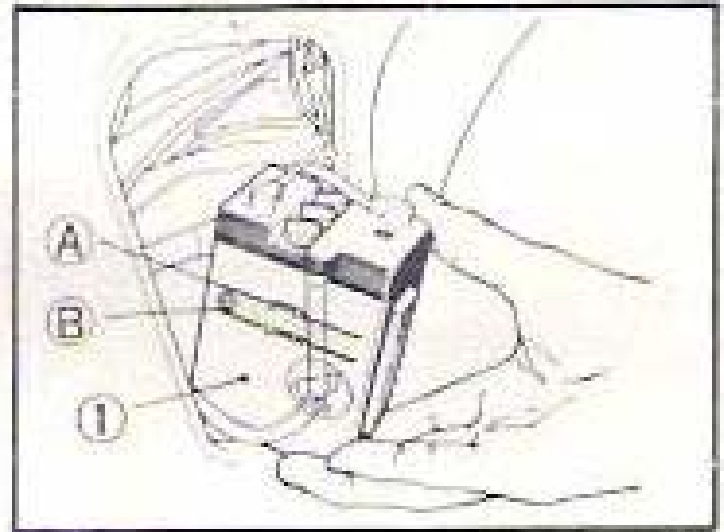
- ③ Rear brake adjusting nut



## (6) BATTERY

Check electrolyte level in each cell, making sure it is between UPPER LEVEL and LOWER LEVEL marks. Remove cell caps and add distilled water, if necessary.

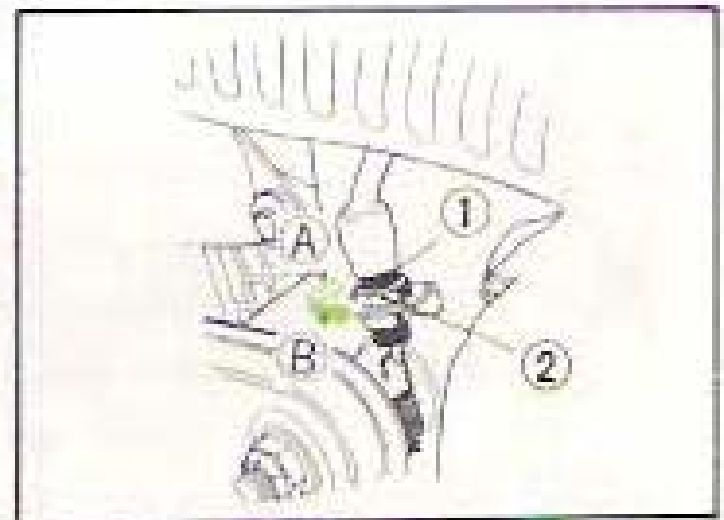
- ① Battery
- (A) Upper level mark
- (B) Lower level mark



## (7) STOPLIGHT SWITCH

Stoplight should come on when brake pedal is depressed to the point where brake just begins to be applied. Screw in (A) adjusting nut (2) when stoplight comes on too late.

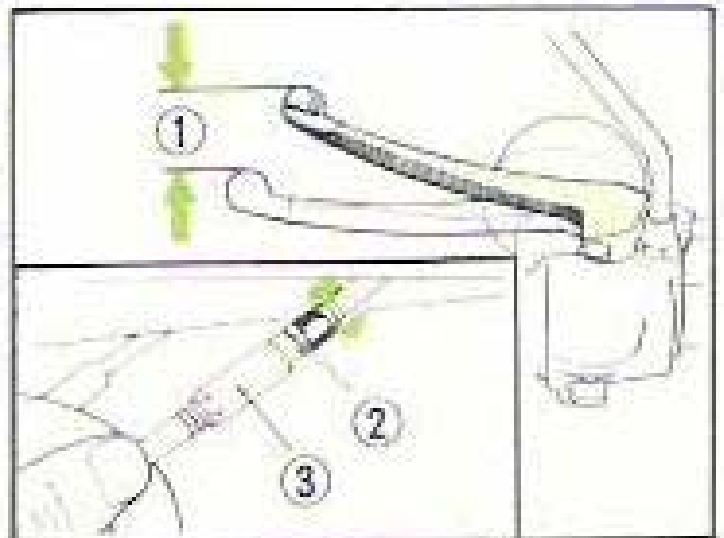
- ① Stoplight switch
- ② Adjusting nut



- ① Clutch lever free play
- ② Lock nut
- ③ Clutch adjuster

## (8) CLUTCH CABLE

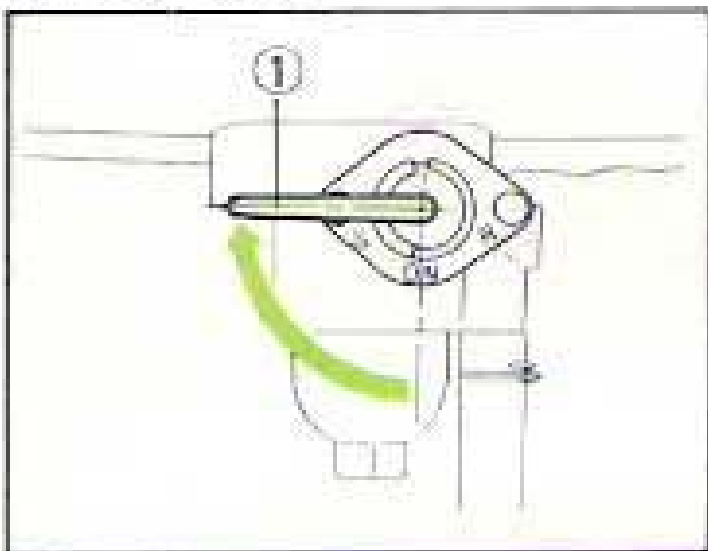
Clutch lever free play (1) should be 10-20 mm (0.4-0.8 in.). Check and, if necessary, loosen lock nut (2) and adjust by clutch adjuster (3)



### (3) FUEL STRAINER

Turn fuel cock ① to "S" position and unscrew strainer cap ④. Then take out O ring ③ and strainer ②. Wash strainer in solvent and reassemble. Turn fuel cock to "ON" position and check for leakage.

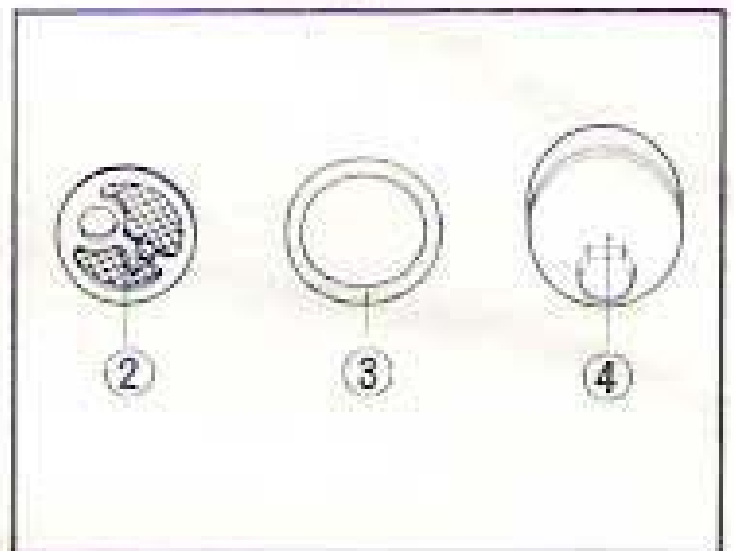
① Fuel cock



② Strainer

③ O ring

④ Strainer cap

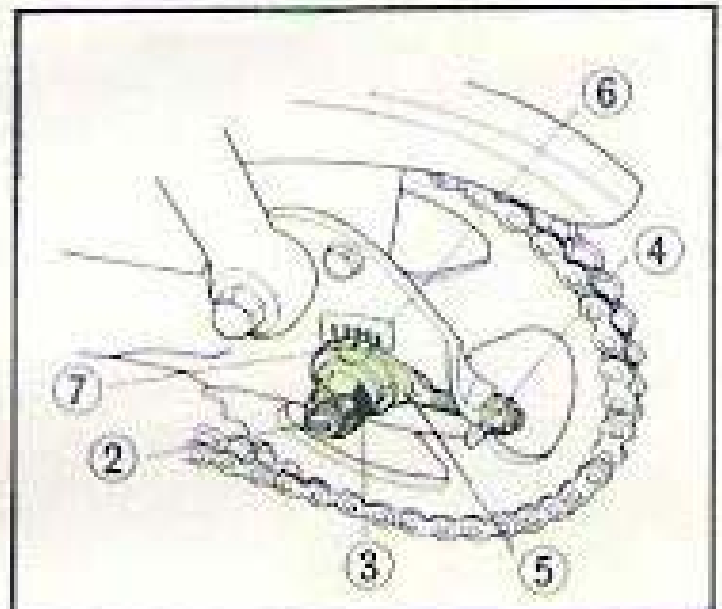
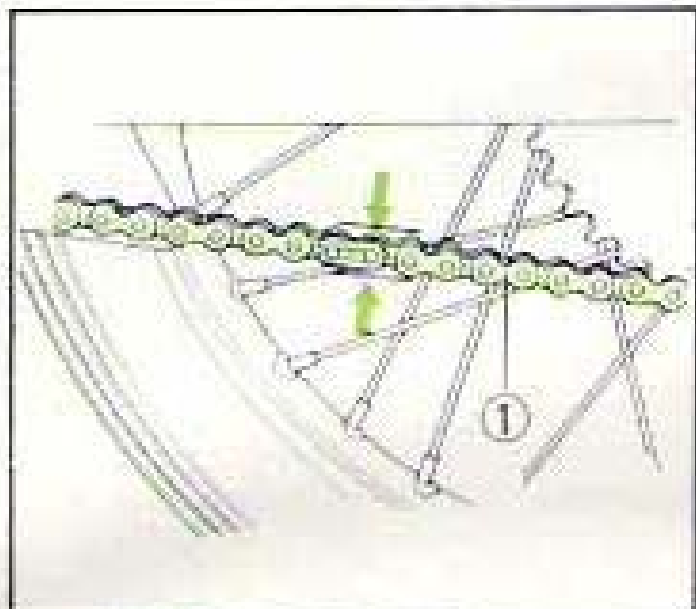


## (4) DRIVE CHAIN

Tension is correct when chain ① has 10-20mm (0.4-0.8in.) sag at a point half way between sprockets. Remove cotter pin ②, loosen rear axle nut ③ and turn adjusting nut ④. Align index mark ⑦ on both adjusters ⑤ to the same side scale ⑥. After adjustment, retighten axle nut and attach cotter pin.

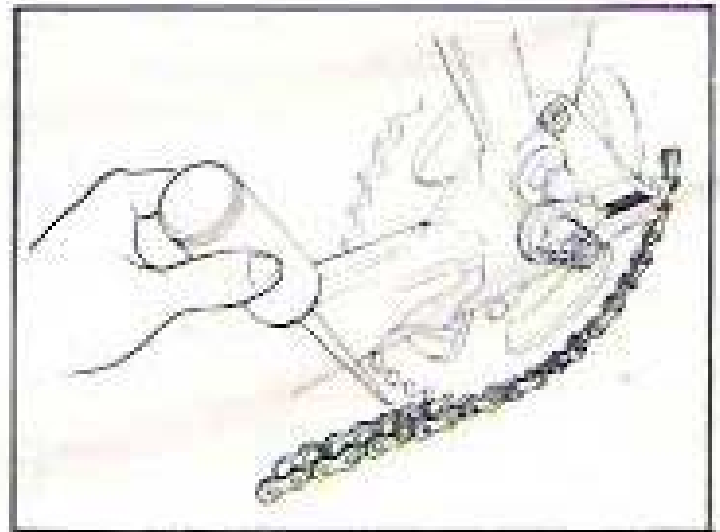
NOTE : Adjust rear brake after drive chain adjustment.

- |               |                 |              |              |
|---------------|-----------------|--------------|--------------|
| ① Drive chain | ③ Rear axle nut | ⑤ Adjuster   | ⑦ Index mark |
| ② Cotter pin  | ④ Adjusting nut | ⑥ Side scale |              |



## (9) DRIVE CHAIN LUBRICATION

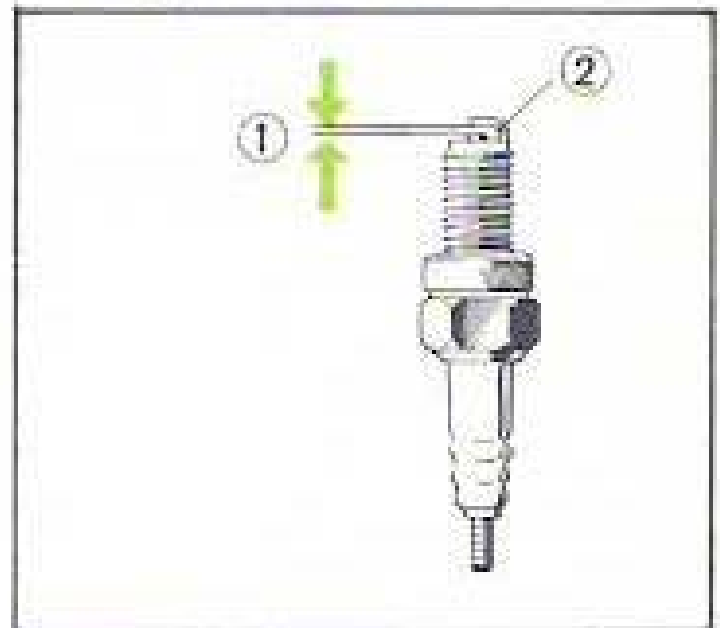
Lubricate drive chain as illustrated.



## (10) SPARK PLUG

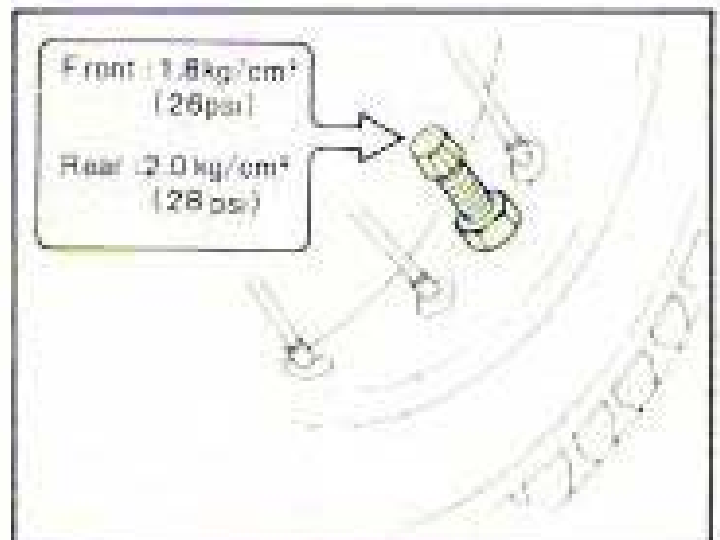
Check spark plug tip for carbon deposits or fouling condition. Clean it with spark plug cleaner, if necessary. If the cleaner is unavailable, clean the plug with a stiff wire, wash in solvent and wipe with rag. Normal gap ① is 0.6-0.7 mm (0.024-0.028 in.). The adjustment is made by bending negative electrode ②.

- ① Spark plug gap
- ② Negative electrode

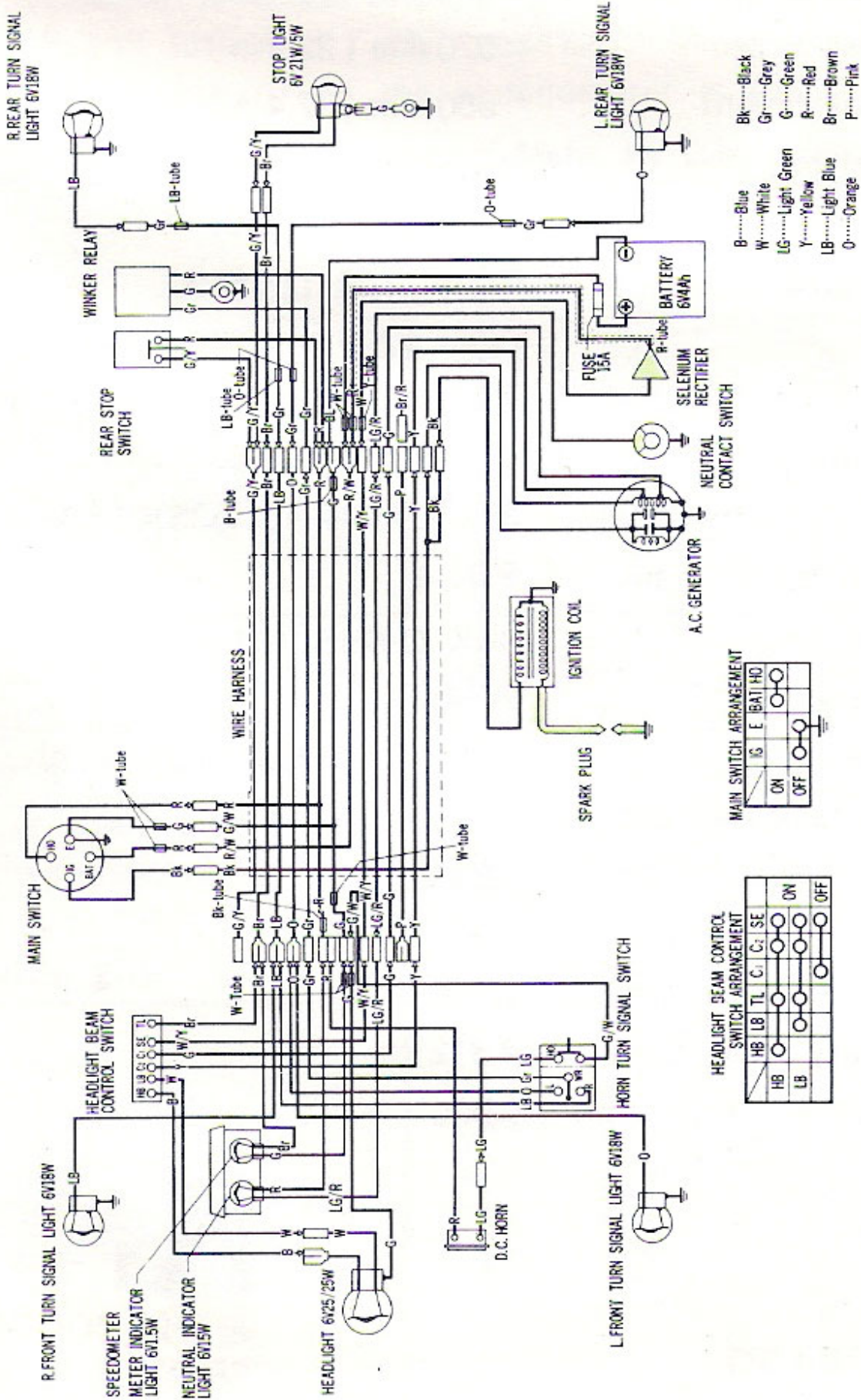


## (11) TIRE INFLATION PRESSURE

Correct inflation pressure is 1.8kg/cm<sup>2</sup> (26 psi) for front tire and 2.0kg/cm<sup>2</sup> (28 psi) for rear tire. Check tires from time to time, especially before long-distance rides, with a tire gauge.



# WIRING DIRGRAM



- B.....Blue
- W.....White
- LG.....Light Green
- Y.....Yellow
- LB.....Light Blue
- O.....Orange
- Bk.....Black
- Gr.....Grey
- G.....Green
- R.....Red
- Br.....Brown
- P.....Pink

