

# **HONDA NC50**

## **EXPRESS DELUXE**

**OWNER'S MANUAL**

## IMPORTANT NOTICE

- OPERATOR ONLY. NO PASSENGERS.

This motorcycle is designed and constructed as an operator only model. The seating configuration does not safely permit the carrying of a passenger. Do not exceed the vehicle capacity load limit shown on the tire information label.

- ON-ROAD USE ONLY.

This motorcycle is designed and constructed for use on public streets and roads. Off-road operation is not recommended.

- READ OWNER'S MANUAL CAREFULLY.

*All information, illustrations, directions and specifications included in this publication are based on the latest product information available at the time of approval for printing. HONDA MOTOR CO., LTD. reserves the right to make changes at any time without notice and without incurring any obligation whatever. No part of this publication may be reproduced without written permission.*

## PREFACE

This booklet is your guide to the basic operation and maintenance of your new motorcycle.

Please take the time to read the Owner's Manual carefully. As with any fine machine, proper care and maintenance are essential for trouble-free operation and optimum performance.

Your authorized Honda dealer will be glad to provide further information or assistance and is fully equipped to handle your future service needs.

Thank you for selecting a Honda. We wish you many miles of continued riding pleasure in the years ahead.

*In this manual statements preceded by the following words are of special significance:*

**WARNING** means that there is the possibility of personal injury to yourself and others.

**CAUTION** means that there is the possibility of damage to the vehicle.

**NOTE** indicates points of particular interest for more efficient and convenient operation. We recommend that you take particular notice of these items when reading this manual.

# MOTORCYCLE TRAFFIC SAFETY

**A motorcycle is only as safe as its operator.**

The safe rider will spend much time learning to ride and developing his riding skills in an uncongested area before venturing into traffic.

1. In many motorcycle traffic accidents, the automobile driver does not see the motorcyclist in time to avoid an accident. The motorcyclist can make other motorists more aware of his presence by:

- \* Wearing brighter, more visible clothing.
- \* Avoiding the "blind spot" of other vehicles and driving defensively.

2. Many motorcycle accidents occur at intersections, parking lot entrances, exits, and driveways. The motorcyclist must show extra caution at these locations.
3. Excessive speed is a factor in many motorcycle accidents. Obey the speed limits and NEVER travel faster than conditions warrant.

4. Many motorcycle accidents involve inexperienced riders. A new motorcyclist should thoroughly familiarize himself with his motorcycle before attempting to ride on public roads. NEVER lend your motorcycle to an inexperienced rider.

5. Most fatal motorcycle accidents are due to head injuries. The motorcyclist should ALWAYS wear a helmet. He should also wear other protective apparel including eye protection, boots, gloves, and heavy clothing.

6. This machine is designed for speeds up to 48 km/h (30 mph).

Operation on roads where other vehicles are traveling at greater rates of speed is not advisable and requires special care and driving safety.

7. Avoid hitting road hazards such as sharp bumps and holes in the road surface. These hazards can cause loss of control or structural damage to the vehicle.

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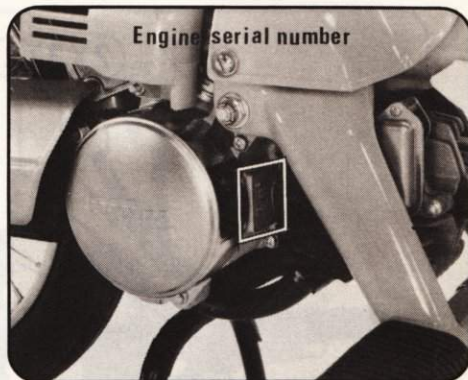
## SERIAL NUMBER LOCATION



The frame serial number is stamped on the behind of the frame body. The engine serial number is stamped on the right side of the crankcase near the generator cover.

These serial numbers are required when registering the motorcycle.

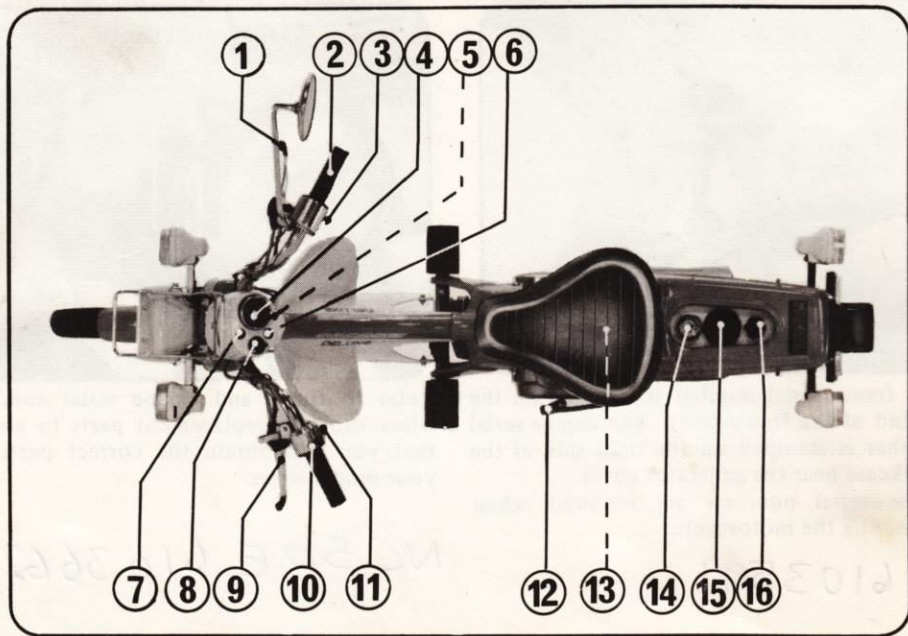
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Refer to frame and engine serial numbers when ordering replacement parts to ensure that you will obtain the correct parts for your model series.

NC50E 6103662

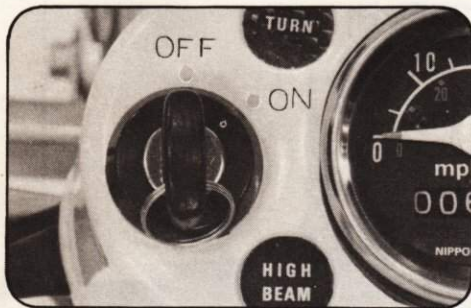
## CONTROL LOCATION



- (1) Front brake lever
- (2) Throttle grip
- (3) Headlight switch
- (4) Speedometer
- (5) Steering lock
- (6) High beam indicator light
- (7) Turn signal indicator light
- (8) Ignition switch
- (9) Rear brake lever
- (10) Headlight dimmer switch
- (11) Turn signal switch (above)  
Horn button (below)
- (12) Starter pedal
- (13) Fuel valve
- (14) Fuel gauge
- (15) Fuel filler cap  
(Gasoline only)
- (16) Oil tank filler cap

## OPERATING INSTRUCTIONS

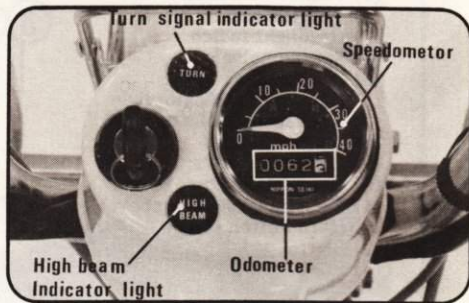
### Ignition Switch



**OFF**— Engine cannot be started.  
Key can be removed.

**ON**— Engine can be started.  
Key cannot be removed.

### Speedometer and Indicator Lights



#### Speedometer

Indicates driving speed.

#### High beam indicator light

Light will be on when headlight is on high beam.

#### Turn signal indicator light

Flashes when either turn signal operates.

#### Odometer

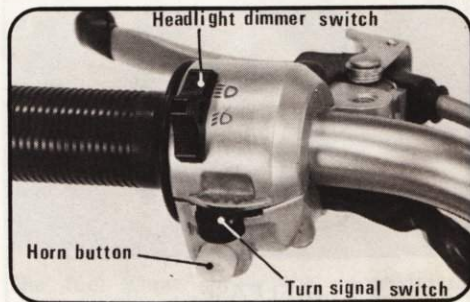
Indicates total accumulated distance traveled.

## Headlight Switch



- HL** — Headlight, taillight and meter light will be on when the engine is running.
- P** — Position light on. Taillight and meter light will be on when the engine is running.
- OFF(dot)**— Headlight, taillight, position light and meter light off.

## Headlight Dimmer Switch, Turn Signal Switch and Horn Button



### Headlight Dimmer Switch

- ≡○ — The high beam is on.
- ≡/○ — The low beam is on.

### Turn Signal Switch

Move to “←” to signal a left turn “→” to signal a right turn. Return to the center (off) when finished.

### Horn Button

When the horn button is pressed the horn will sound.

## Steering Lock



The steering lock is under the steering stem.

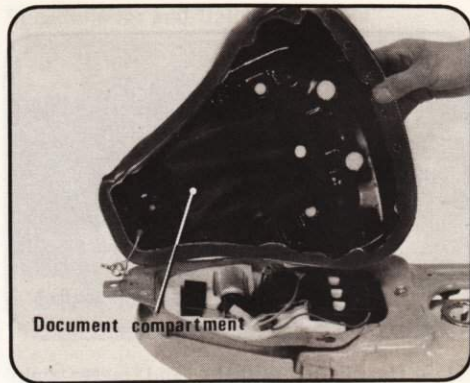
### To Lock:

Turn the handlebar all the way to the left. Insert the key into the lock, turn the key 180° clockwise and remove it.

### To Unlock:

Insert the key into the lock, turn the key 180° counterclockwise and remove it.

## Document Compartment

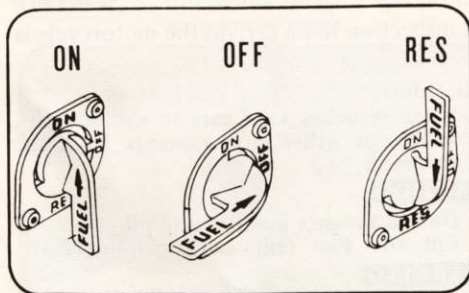


The document compartment is under the seat.

Remove the wing nut and push back on the seat to remove. This owners manual and other documents should be stored in the plastic bag in the compartment.

When reinstalling, make sure that the pins are properly engaged in the slots and that the wing nut is securely tightened.

## Fuel Valve



**ON**— Set the valve in this position when riding.

**OFF**—Set the valve in this position whenever the motorcycle is not in use.

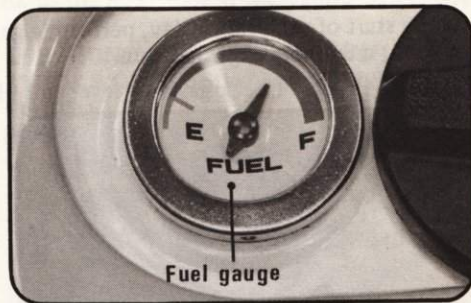
**RES**—Set the valve in this position only after the main fuel supply has been consumed.

**Reserve fuel capacity:** 0.2ℓ (0.053 U.S. gal., 0.044 Imp. gal.)

### NOTE

Do not operate the machine with the fuel valve in the reserve position after refuelling, or you will defeat the purpose of the reserve fuel supply.

## Fuel Gauge



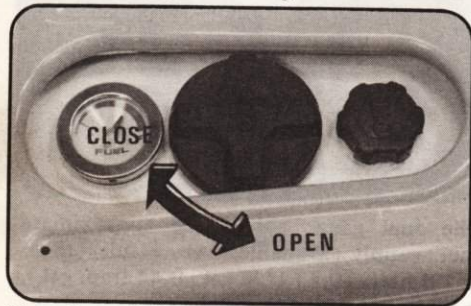
The fuel gauge shows the approximate fuel supply available. At F(full) there is 2.0 liters (0.53 U.S. gal., 0.44 Imp. gal.), including the reserve supply.

When the gauge needle reaches to the first point of the red band ("E" mark) refill the tank as soon as possible. Capacity of the red band is about 0.5 liter (0.13 U.S. gal., 0.11 Imp. gal.).

## PRE-RIDING INSPECTION

At the start of each riding day, perform a general inspection to be certain the motorcycle is in good, safe operating condition.

**Gasoline Level**— Check gasoline level and fill tank if low.



Capacity: 2ℓ (0.53 U.S. gal., 0.44 Imp. gal.)

### NOTE

- \* Use low-lead or regular gasoline with a Research Octane number of 91 or higher, or a Pump Octane number of 86 or higher.

- \* When refueling take care to exclude dirt, water, or other contaminants from the fuel tank.

### CAUTION

- \* Do not pre-mix gasoline and oil.  
Fill the fuel tank with gasoline only.

### WARNING

- \* Gasoline is extremely flammable and is explosive under certain conditions. Refuel in a well ventilated area with engine stopped. Do not smoke or allow open flames or sparks in the area where the motorcycle is refueled or where gasoline is stored.
- \* Do not overfill the tank (there should be no fuel in the filler neck). After refueling, make sure the filler cap is closed securely.
- \* Gasoline is harmful or fatal if swallowed. Avoid repeated or prolonged contact with skin or breathing of vapor. **KEEP OUT OF REACH OF CHILDREN.** If gasoline is swallowed, do not induce vomiting. Call a physician immediately.

- Oil Level** — Check the oil level and fill the tank to the level mark if the yellow ball is level with arrow mark.



Capacity: 0.8ℓ (0.84 U.S. qt., 0.70 Imp. qt.)

**USE HONDA SPECIAL FORMULA TWO STROKE OIL** (Positive Lubrication) **OR ITS EQUIVALENT**

**CAUTION**

- \* Do not pre-mix gasoline and oil. Fill the oil tank with oil only.
- \* The **HONDA SPECIAL FORMULA TWO STROKE OIL** has been specifically tested in and is recommended for this engine. Use of other unrecommended oils may cause excessive carbon build-up in the engine and exhaust system resulting in loss of power and possible engine damage.
- \* If the oil level in the sight glass is below the lower level, check the tube from the oil tank to the oil pump. If air is present in this tube, do not start the engine. The motorcycle must be taken to an authorized Honda dealer for inspection and bleeding of the oil system. Failure to do this will result in serious engine damage.

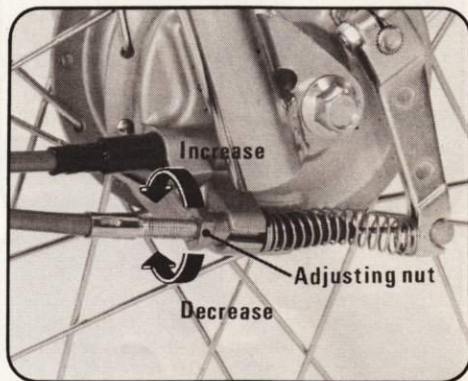
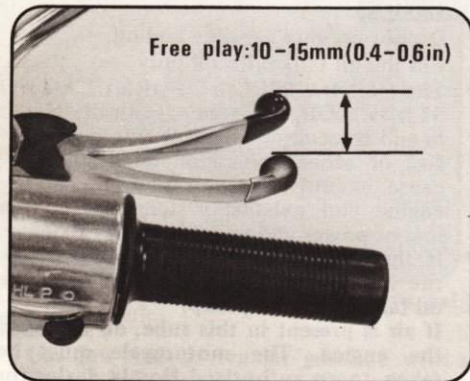
**NOTE**

When filling take care not to allow foreign materials to enter the tank.

**Brakes** – Check operation of front and rear brakes. Adjust free play if incorrect.

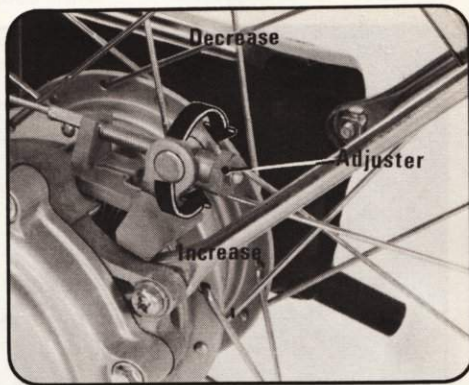
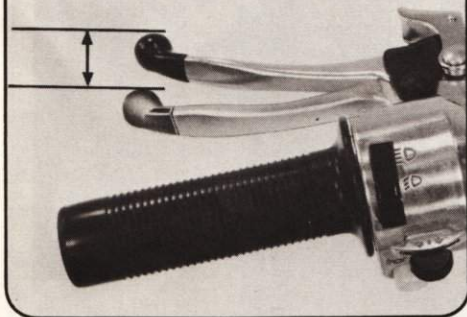
*Free play is the distance the brake lever moves before the brake starts to engage.*

<Front>



<Rear>

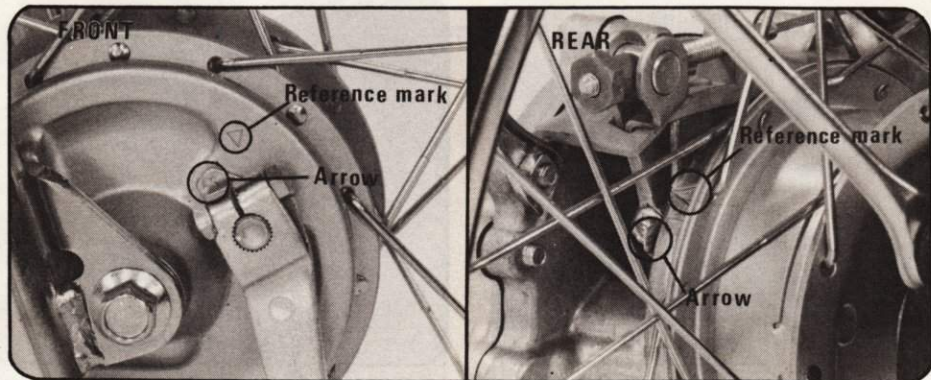
Free play: 10–15mm (0.4–0.6in)



### CAUTION

Improper adjustment of the rear brake free play may cause the starter to malfunction. We recommend that this maintenance be performed by an authorized Honda dealer.

<Brake Wear Indicator>



If the arrow aligns with the reference mark on full application of the brake, replace the brake shoes.

**NOTE**

When brake service is necessary, see your authorized Honda dealer, who has been properly trained to perform such service. Use only genuine Honda parts or equivalent.

**Battery Electrolyte**— Check level and add distilled water if necessary.

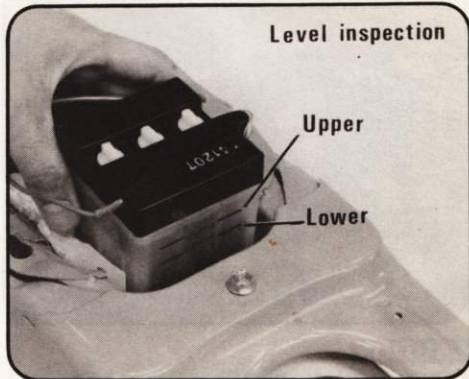
**Seat remove for battery service**



Remove the wing-bolt and push back on the seat to remove.

When reinstalling, make sure that the pins are properly engaged in the slots and that the wing-bolt is securely tightened.

**Level inspection**



Level must be maintained between the "UPPER" and "LOWER" level marks.



### **CAUTION**

- \* Use only distilled water in the battery. Tap water will shorten the service life of the battery. Consult your HONDA dealer if you are experiencing an excessively high rate of battery electrolyte loss.
- \* Do not attempt to start the engine with

the battery disconnected or removed. Otherwise, the bulbs may be burned out.

### **WARNING**

The battery contains sulphuric acid. Avoid contact with skin, eyes or clothing. Antidote: EXTERNAL—Flush with water. INTERNAL—Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg or vegetable oil. Call physician immediately. Eyes: Flush with water and get prompt medical attention. Batteries produce explosive gases. Keep sparks, flame, cigarettes away. Ventilate when charging or using in enclosed space. Always shield eyes when working near batteries.

**KEEP OUT OF REACH OF CHILDREN.**

**Tire Pressure** — Check pressure and inflate to recommended pressure if incorrect.

**WARNING**

- \* Correct air pressure will provide maximum stability, riding comfort and tire life.

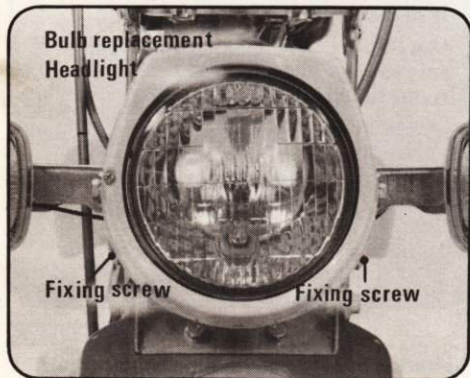
Be sure to follow the tire specification below:

|                                                       |                                             |
|-------------------------------------------------------|---------------------------------------------|
| Cold tire pressures<br>kPa (kg/cm <sup>2</sup> , psi) | Front: 150 (1.5, 21)<br>Rear: 200 (2.0, 28) |
| Vehicle capacity<br>load limit                        | 82 kg (180 lbs.)                            |
| Tire size                                             | Front: 2.25–14 (4PR)<br>Rear: 2.25–14 (4PR) |

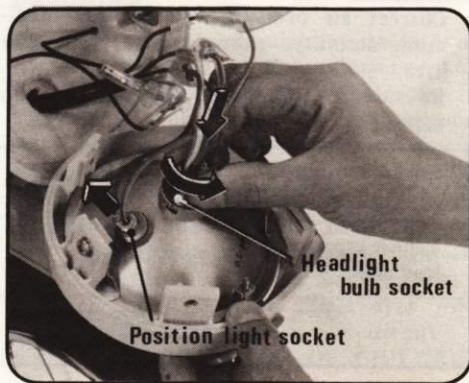
- \* Improper tire inflation will cause abnormal tread wear or other damage and create a safety hazard. Riding with under-inflated tires will cause the tires to slip on the rims damaging the inner tube valves. Severe underinflation may result in loss of the tire from the rim.

- \* Check tire pressures frequently and adjust if necessary.
- \* Operation with excessively worn tires is very hazardous and will adversely affect traction, steering and handling.

**Electrical Equipment** — Check headlight, tail/stoplight, turn signal light and horn operation.



1. Remove the two headlight fixing screws and remove the headlight from the headlight case.



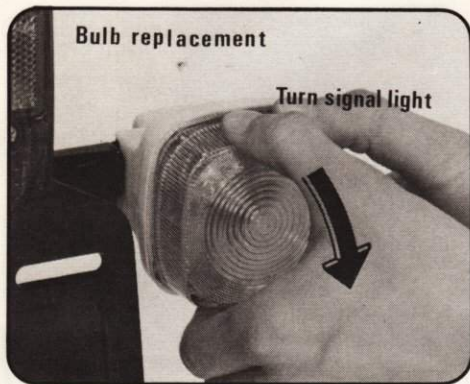
2. Headlight bulb:  
Push the headlight bulb socket in and turn to the left, and the headlight bulb can be removed from the headlight case.  
Position light bulb:  
Pull the position light bulb socket out and press the bulb in the socket and twist to the left. Remove the bulb.



1. Remove the two screws retaining stop-light lens.



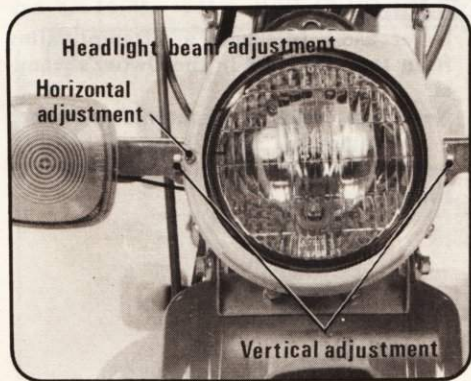
2. Press the bulb inward and twist to the left and the bulb can be removed.
3. Replace with a good bulb.
4. When installing the taillight lens, do not overtighten the screws, as this may damage the lens.



1. Remove the turn signal light lens by pulling it forward.



2. Press the bulb inward and twist to the left and the bulb can be removed.
3. Replace with a new bulb.
4. Install the turn signal light lens by pressing it.



The headlight must be properly adjusted for safe riding.

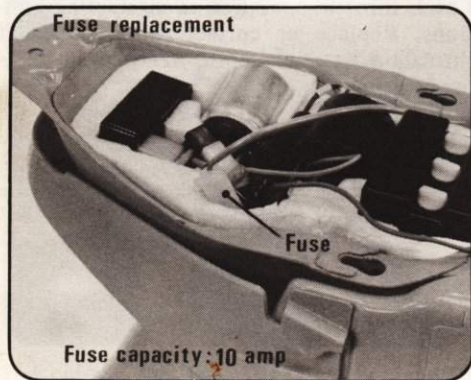
#### **CAUTION**

Adjust the headlight beam as specified by local laws and regulations.

#### **Throttle**

Check throttle operation in all steering positions. Replace or correct cable routing if throttle does not operate freely in all steering positions.

## Fuse

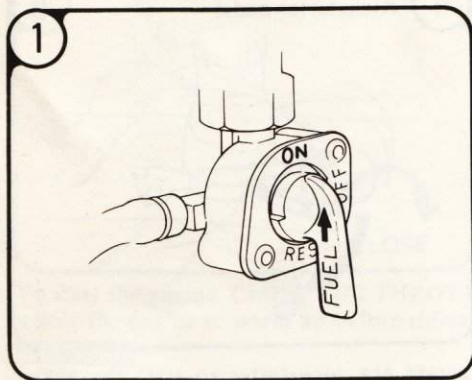


When frequent failure of fuse occurs, it usually indicates a short circuit or an overload in the electrical system. In this case the electrical system should be checked visually for damaged insulation or other possible malfunctions. If the problem cannot be located visually, the motorcycle should be examined by an authorized Honda dealer.

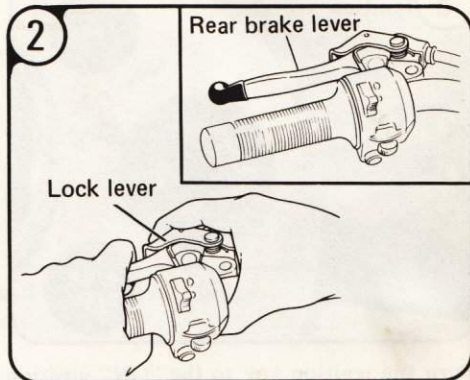
## WARNING

- \* Never use a fuse with a different rating from that specified in the Owner's manual.
- \* Never use conductive material to replace a recommended fuse. Loss of lighting, serious damage to the electrical system or fire may result.

## STARTING THE ENGINE



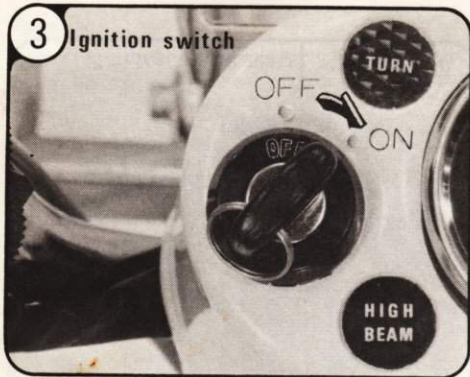
Turn the fuel valve lever to the "ON" position.



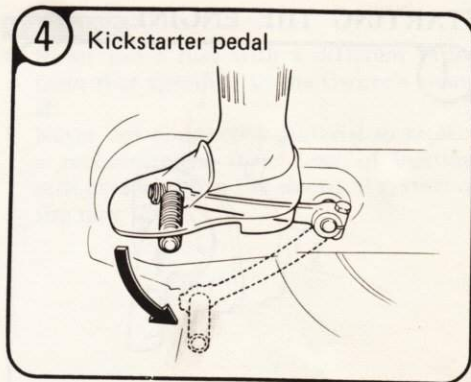
Lock the rear wheel by squeezing the rear brake lever and lock lever and releasing the hand.

### **WARNING**

- \* The rear wheel will spin if not restrained by the brake or contact with the ground. Accidental contact with the spinning rear wheel could cause personal injury.



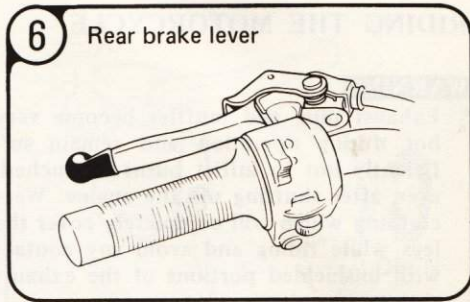
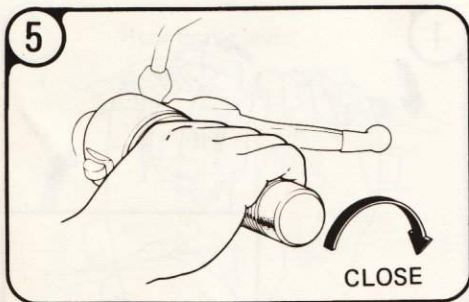
Turn the ignition key to the "ON" position.



Operate the kickstarter to start the engine with a rapid, continuous motion.

### CAUTION

- \* Do not allow the kickstarter to snap back freely against the pedal stop as engine case damage could result.
- \* Raise the kickstarter pedal up after the kickstarter is returned to the pedal stop.



6 Rear brake lever

To start the engine, CLOSE THE THROTTLE and apply the rear brake.  
Allow the engine to warm up before riding.

### **CAUTION**

Do not release the rear brake lock prior to riding your motorcycle.

### **WARNING**

- \* The machine is equipped with an automatic clutch which engages as engine speed is increased.
- \* Do not attempt to "BLIP" the throttle (open and close rapidly) as the machine will move forward suddenly, causing possible loss of control.
- \* The rear wheel will spin if not restrained by the brake or contact with the ground. Accidental contact with the spinning rear wheel could cause personal injury. Do not leave the motorcycle unattended while the engine is running.
- \* Never run the engine in a closed area. The exhaust contains poisonous carbon monoxide gas.

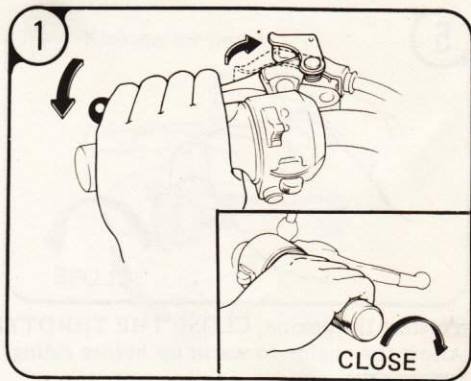
## RIDING THE MOTORCYCLE

### WARNING

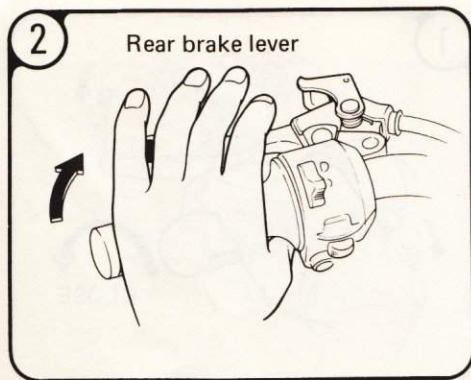
- \* Exhaust pipe and muffler become very hot during operation and remain sufficiently hot to inflict burns if touched, even after shutting off the engine. Wear clothing which will completely cover the legs while riding and avoid any contact with unshielded portions of the exhaust system.
- \* Do not wear loose clothing which may catch on control levers, starter pedal, foot pegs, wheels and tires.

### NOTE

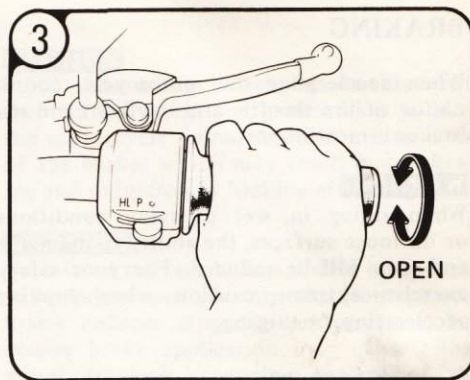
Ensure that all required equipment as specified by local laws and regulations is installed on the motorcycle and operable before riding it on public streets.



Close the throttle and apply the rear brake when moving the machine off the stand or loss of control may result.



Unlock the rear wheel by squeezing and releasing the rear brake lever.



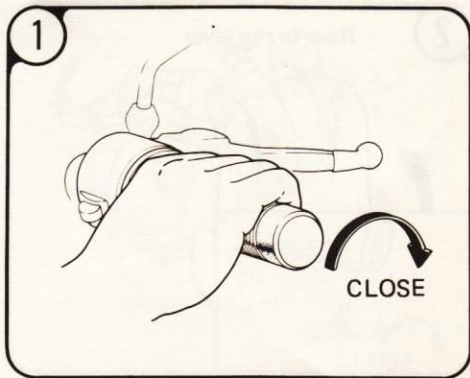
To accelerate, open the throttle gradually, for deceleration, close the throttle.

## BRAKING

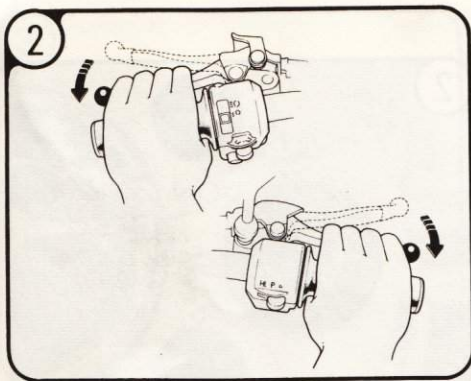
When decelerating the motorcycle, coordination of the throttle and the front and rear brakes is most important.

### **WARNING**

When riding in wet or rainy conditions, or on loose surfaces, the ability to maneuver and stop will be reduced. For your safety, exercise extreme caution when braking, accelerating, or turning.



Close the throttle.



Apply both the front and rear brakes.

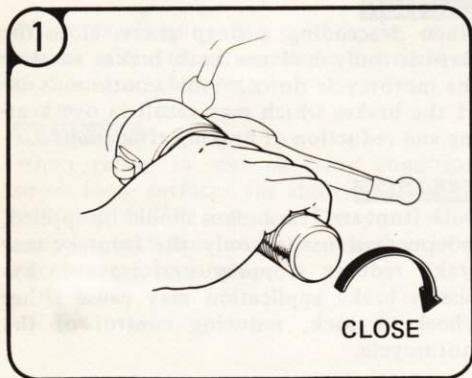
### **CAUTION**

When descending a steep grade, close the throttle fully and use both brakes to slow the motorcycle down. Avoid continuous use of the brakes which may result in overheating and reduction of braking efficiency.

### **WARNING**

Both front and rear brakes should be applied, independent use of only the front or rear brake reduces stopping performance. Excessive brake application may cause either wheel to lock, reducing control of the motorcycle.

## SHUTTING OFF THE ENGINE

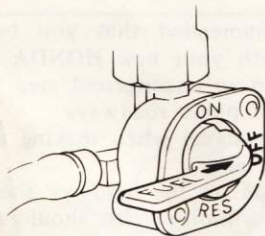


Close the throttle.



Turn the ignition key to the "OFF" position.

3



Turn the fuel valve lever to the "OFF" position.

## PARKING

### **WARNING**

**PARK THE MOTORCYCLE ON FIRM, LEVEL GROUND. FAILURE TO DO SO COULD RESULT IN PERSONAL INJURY OR DAMAGE TO THE MACHINE.**

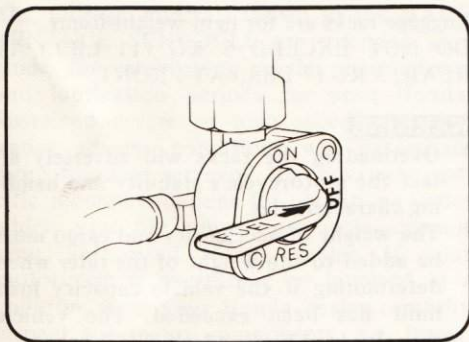
When parking the motorcycle, turn the ignition switch to the "OFF" position and remove the key.

Turn the fuel valve to the "OFF" position.

## SAFE RIDING SUGGESTIONS

1. Always make a PRE-RIDING INSPECTION prior to riding your motorcycle (see page 12).
2. Never ride a motorcycle unless you are wearing a helmet and it is recommended that the motorcyclist wear boots, gloves, eye protection, and bright clothing to further improve rider safety.
3. Luggage racks or optional baskets are primarily for light weight items. Distribute the weight of cargo equally on both sides if baskets are attached to the rear rack. Make sure cargo is secure and will not shift while riding. Refer to page 36 for additional information on loading.
4. Place both hands on the handlebars and both feet on the foot pegs while riding.
5. It is recommended that you become familiar with your new HONDA NC50 by riding in an uncongested area before riding on the public roadways.
6. Be sure to signal when making a turn or changing lanes.
7. Do not ride on the roadway shoulder. Remember a motorcyclist should always preserve nature and respect property.

## TRANSPORTING THE MOTORCYCLE



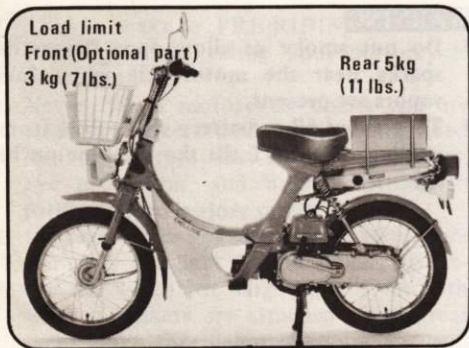
### **WARNING**

- \* Do not smoke or allow open flames or sparks near the motorcycle when fuel vapors are present.
- \* To prevent oil or battery electrolyte from spilling. **DO NOT** tilt the machine on its side.

When transporting follow the procedures recommended below.

Turn the fuel valve lever to the "OFF" position.

## LOADING



Luggage racks are for light weight items.  
**DO NOT EXCEED 5 KG (11 LBS.) AT REAR, 3 KG (7 LBS.) AT FRONT.**

### **WARNING**

- \* Overloading the racks will adversely affect the motorcycle's stability and handling characteristics.
- \* The weight of accessories and cargo must be added to the weight of the rider when determining if the vehicle capacity load limit has been exceeded. The vehicle capacity load limits 180 lbs. (82 kg).

## MAINTENANCE SCHEDULE

The mileage intervals shown in the MAINTENANCE SCHEDULE are intended as a guide for establishing regular maintenance and lubrication periods for your Honda. Sustained severe or high speed operation under adverse conditions will necessitate more frequent servicing. To determine specific recommendations for conditions under which you use your motorcycle, consult your authorized Honda dealer. If your motorcycle is overturned or involved in a collision, have your Honda dealer carefully inspect the major components, e.g. frame, suspension and steering parts, for misalignment or damage to ensure further safe operation.

### **CAUTION**

To maintain the safety and reliability of your HONDA motorcycle, do not modify the motorcycle and use genuine HONDA parts or equivalent when servicing or repairing. The use of other replacement parts which are not of equivalent quality may impair the operation of your motorcycle.

### **WARNING**

To prevent personal injury, always make certain the engine is stopped and the motorcycle is supported securely on a level surface prior to performing any maintenance.

If the machine will not be used for a month or more, drain the carburetor and make a thorough safety inspection before putting the machine back into service.

| <b>MAINTENANCE SCHEDULE</b><br>This maintenance schedule is based upon average riding conditions. Machines subjected to severe use, or ridden in unusually dusty areas, require more frequent servicing. | <b>PRE-RIDE INSPECTION</b>  | <b>INITIAL SAFETY INSPECTION</b> | <b>REGULAR SERVICE PERIOD</b><br>Perform at every indicated month or mileage interval, whichever occurs first. |                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------|
|                                                                                                                                                                                                          |                             | 1 month<br>200 miles<br>(300 km) | 12 months<br>1,000 miles<br>(1,500 km)                                                                         | 24 months<br>2,000 miles<br>(3,000 km) |
| * TIRES AND PRESSURE                                                                                                                                                                                     | I                           |                                  |                                                                                                                |                                        |
| * THROTTLE OPERATION                                                                                                                                                                                     | I                           | I                                | I                                                                                                              |                                        |
| WHEEL TRUENESS AND SPOKES                                                                                                                                                                                |                             | I                                | I                                                                                                              |                                        |
| NUTS, BOLTS (TIGHTEN)                                                                                                                                                                                    |                             | I                                | I                                                                                                              |                                        |
| BRAKE LININGS                                                                                                                                                                                            |                             |                                  | I                                                                                                              |                                        |
| * BATTERY FLUID LEVEL                                                                                                                                                                                    | I                           |                                  |                                                                                                                |                                        |
| BATTERY FLUID<br>SPECIFIC GRAVITY                                                                                                                                                                        |                             |                                  | I                                                                                                              |                                        |
| SPARK PLUG                                                                                                                                                                                               | (EVERY 320 miles, 500 km) I |                                  |                                                                                                                |                                        |

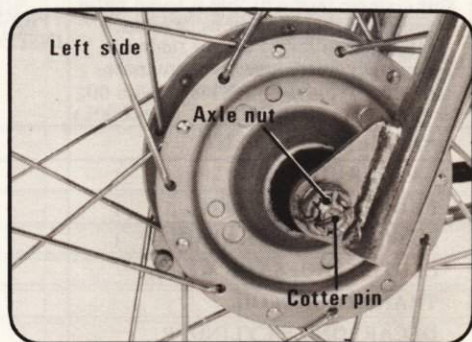
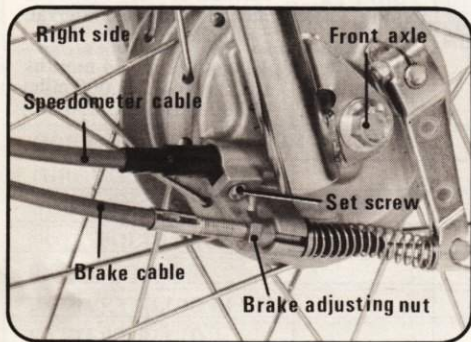
I – Inspect, clean, adjust or replace if necessary    R – Replace    C – Clean    L – Lubricate

| <b>MAINTENANCE SCHEDULE</b><br>This maintenance schedule is based upon average riding conditions. Machines subjected to severe use, or ridden in unusually dusty areas, require more frequent servicing. | <b>PRE-RIDE INSPECTION</b> | <b>INITIAL SAFETY INSPECTION</b> | <b>REGULAR SERVICE PERIOD</b><br>Perform at every indicated month or mileage interval, whichever occurs first. |                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------|
|                                                                                                                                                                                                          |                            | 1 month<br>200 miles<br>(300 km) | 12 months<br>1,000 miles<br>(1,500 km)                                                                         | 24 months<br>2,000 miles<br>(3,000 km) |
| AIR FILTER ELEMENT                                                                                                                                                                                       |                            | (EVERY 6 MONTHS)                 | C                                                                                                              |                                        |
| CARBURETOR                                                                                                                                                                                               |                            | I                                | I                                                                                                              |                                        |
| FUEL FILTER SCREEN                                                                                                                                                                                       |                            | C                                | C                                                                                                              |                                        |
| SUSPENSION OPERATION                                                                                                                                                                                     |                            |                                  | I                                                                                                              |                                        |
| CLUTCH SHOES FOR WEAR                                                                                                                                                                                    |                            |                                  |                                                                                                                | I                                      |
| TRANSMISSION OIL                                                                                                                                                                                         |                            |                                  |                                                                                                                | R                                      |
| DECARBONIZE CYLINDER HEAD, PISTON AND MUFFLER                                                                                                                                                            |                            |                                  |                                                                                                                | C                                      |
| *BRAKE OPERATION AND FREE PLAY                                                                                                                                                                           | I                          | I                                | I                                                                                                              |                                        |
| *OIL AND FUEL LEVEL                                                                                                                                                                                      | I                          |                                  |                                                                                                                |                                        |
| *ALL LIGHTS                                                                                                                                                                                              | I                          |                                  |                                                                                                                |                                        |
| *TRANSMISSION CASE FOR LEAKS                                                                                                                                                                             | I                          |                                  |                                                                                                                |                                        |

Items marked \* are simple to perform and may be serviced by the owner. Other maintenance items should be serviced by an authorized Honda dealer, unless the owner has the proper tools, a NC50 service manual, and is mechanically proficient.

## WHEEL REMOVAL

### Front



1. Remove the set screw and disconnect the speedometer cable.
2. Turn the brake adjusting nut counter-clockwise all the way, disconnect the brake cable.
3. Pull out the cotter pin.

### CAUTION

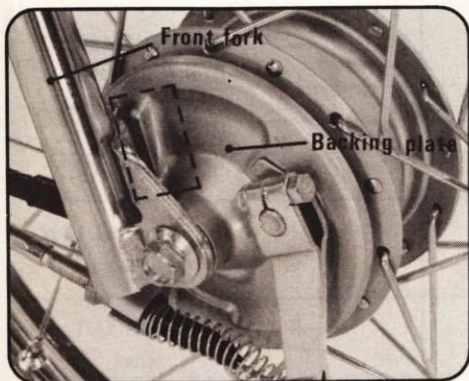
Always replace used cotter pins with new ones.

4. Remove the axle nut and pull out the axle.

### Torque for axle nut

30–40 N·m (3–4 kg-m, 21.7–28.9 lbs. ft.)

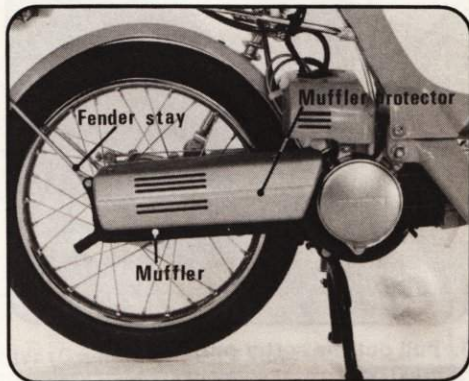
## Rear



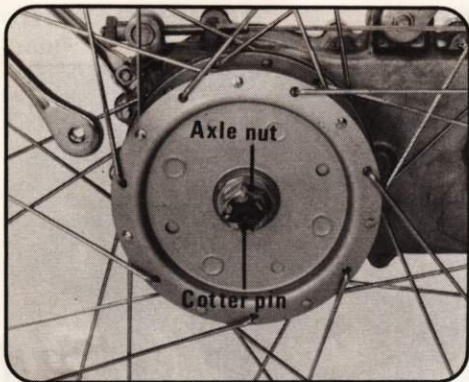
### NOTE

When installing, be sure to fit the tongue of the right fork leg into the groove in the backing plate.

Adjust the front brake to give proper free play (see page 14).



1. Place the motorcycle on its center stand.
2. Remove the muffler protector.
3. Remove the muffler and fender stay.



3. Pull out the cotter pin.

**CAUTION**

Always replace used cotter pins with new ones.

4. Remove the axle nut.

5. Pull the wheel toward you to remove.

**NOTE**

When installing, adjust the rear brake to give proper free play (see page 15).

Torque for axle nut

60–80 N·m (6–8 kg-m, 43.3–57.9 lbs. ft)

## SPECIFICATIONS

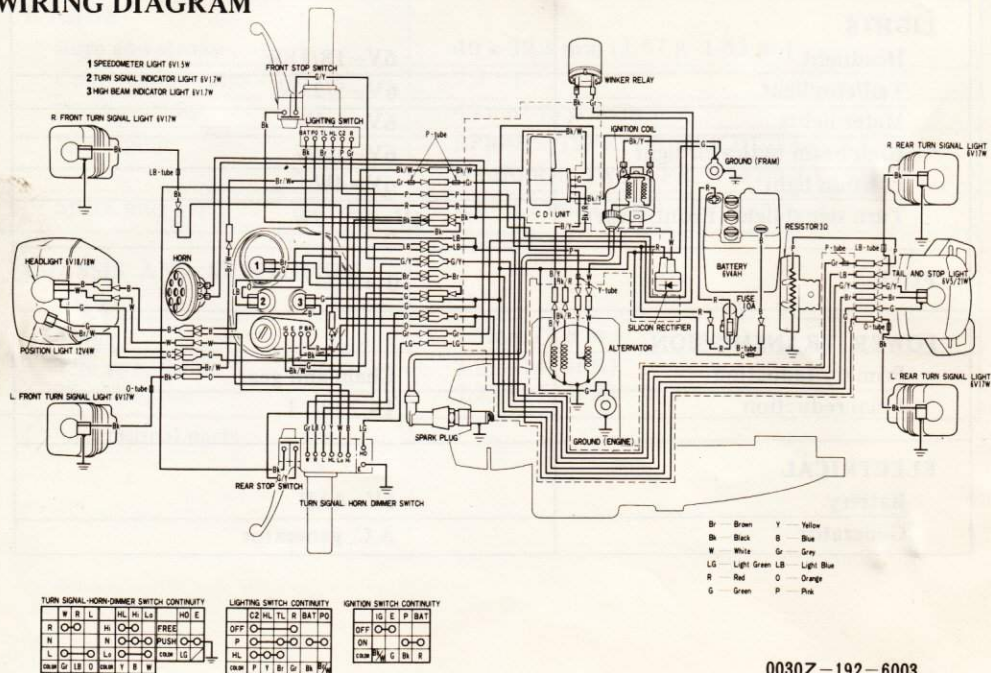
|                    |                                            |
|--------------------|--------------------------------------------|
| <b>DIMENSIONS</b>  |                                            |
| Overall length     | 1,570 mm (61.8 in.)                        |
| Overall width      | 610 mm (24.0 in.)                          |
| Overall height     | 995 mm (39.2 in.)                          |
| Wheel base         | 1,050 mm (41.3 in.)                        |
| <b>WEIGHT</b>      |                                            |
| Dry weight         | 49.5 kg (109.1 lbs)                        |
| <b>CAPACITIES</b>  |                                            |
| Oil tank           | 0.8 liter (0.84 US qt., 0.70 Imp. qt.)     |
| Fuel tank          | 2.0 liter (0.53 US gal., 0.44 Imp. gal.)   |
| Fuel reserve tank  | 0.2 liter (0.053 US gal., 0.044 Imp. gal.) |
| Passenger capacity | Operator only, No passengers.              |
| Vehicle load limit | 82 kg (180 lbs.)                           |
| Transmission oil   | 0.55 liter (0.58 US qt., 0.49 Imp. qt.)    |

|                               |                                                                    |
|-------------------------------|--------------------------------------------------------------------|
| <b>ENGINE</b>                 |                                                                    |
| Bore and stroke               | 40 x 39.3 mm (1.57 x 1.55 in.)                                     |
| Compression ratio             | 7.3 : 1                                                            |
| Displacement                  | 49 cm <sup>3</sup> (3.0 cu-in.)                                    |
| Spark plug                    | BPR4HS, [BPR5HS, BPR2HS] (NGK)<br>W14FPR-L, [W16FPR, W9FPR-L] (ND) |
| Spark plug gap                | 0.6–0.7 mm (0.024–0.028 in.)                                       |
| <b>CHASSIS AND SUSPENSION</b> |                                                                    |
| Caster                        | 23°                                                                |
| Trail                         | 72 mm (2.8 in.)                                                    |
| Tire size, front              | 2.25–14 (4PR)                                                      |
| Tire size, rear               | 2.25–14 (4PR)                                                      |

[    ] Optional parts

|                                |                |
|--------------------------------|----------------|
| <b>LIGHTS</b>                  |                |
| Headlight                      | 6V-18/18W      |
| Tail/stoplight                 | 6V-5/21W       |
| Meter lights                   | 6V-1.5W        |
| High beam indicator light      | 6V-1.7W        |
| Position light                 | 6V-4W          |
| Turn signal light (Front/Rear) | 6V-17/17W      |
| <b>FUSE</b>                    | 10 amp.        |
| <b>POWER TRANSMISSION</b>      |                |
| Primary reduction              | Chain and gear |
| Final reduction                | 14.220 : 1     |
| <b>ELECTRICAL</b>              |                |
| Battery                        | 6V-4AH         |
| Generator                      | A.C. generator |

# WIRING DIAGRAM



MEMO

WIRING TO JAPAN

MEMO



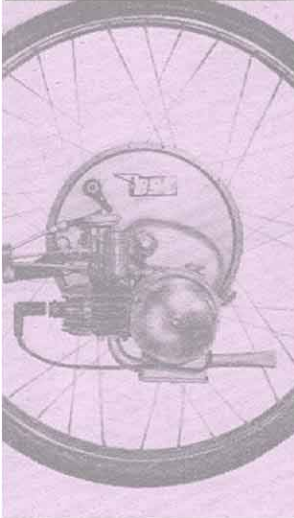


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