

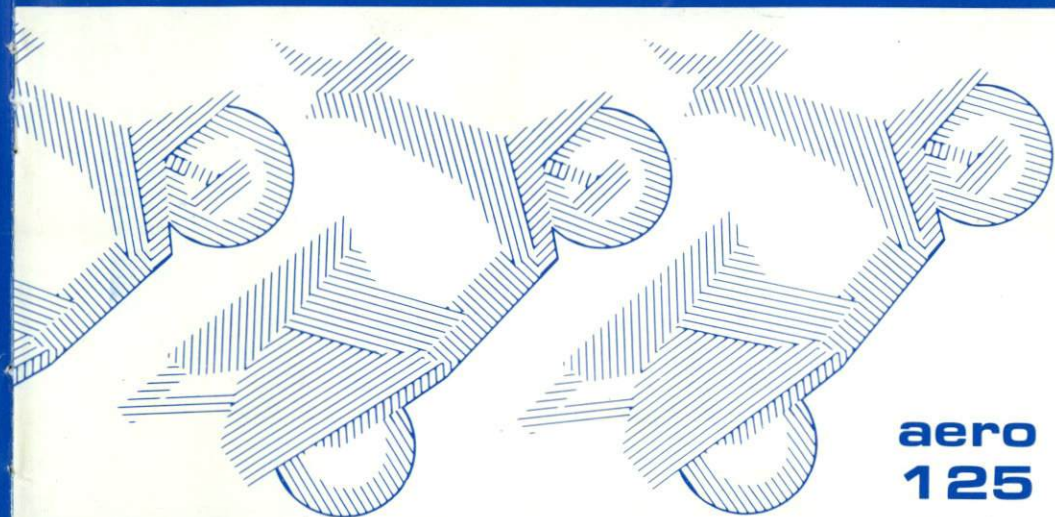


HONDA MOTOR CO., LTD.

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1984 HONDA



aero
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NH125 OWNER'S MANUAL

WARRANTY SERVICE

Owner Satisfaction

Your satisfaction and goodwill are important to your dealer and to us. All Honda warranty details are explained in the Distributor's Limited Warranty. Normally, any problems with the product will be handled by your dealer's service department. Sometimes, however, in spite of the best intentions of all concerned, misunderstandings can occur. If your problem has not been handled to your satisfaction, we suggest you take the following action:

- Discuss your problem with a member of dealership management. Often complaints can be quickly resolved at that level. If the problem has already been reviewed with the Service Manager, contact the owner of the dealership or the General Manager.
- If your problem still has not been resolved to your satisfaction, contact the Motorcycle and Power Products Customer Relations Department at the regional office of American Honda Motor Co., Inc. in your area. Regional office locations are shown on the following page. We will need the following information in order to assist you:
 - Your name, address, and telephone number
 - Product model and serial number
 - Date of purchase
 - Dealer name and address
 - Nature of the problem

After reviewing all the facts involved, you will be advised of what action can be taken. Please bear in mind that your problem will likely be resolved at the dealership, using the dealer's facilities, equipment, and personnel, so it is very important that your initial contact be with the dealer.

Your purchase of a Honda product is greatly appreciated by both the dealer and American Honda Motor Co., Inc. We want to assist you in every way possible to assure your complete satisfaction with your purchase.

HONDA NH125 aero125 OWNER'S MANUAL

1984



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POWER TRANSMISSION		
Primary reduction	V-Belt	
Final reduction	6.061 : 1	
Gear ratio	2.23~1.22	
ELECTRICAL		
Battery	12 V - 5 AH	
Alternator	0.131 kw/5,000 rpm	
Ignition system	C.D.I.	
LIGHTS		
Headlight (High/Low)	12 V - 35/35W	
Tail/stoplight	12 V - 3/32 cp	
Turn signal light	12 V - 32 cp	SAE No. 1156
Speedometer light	12 V - 2 cp	SAE No. 57
Oil indicator light	12 V - 2 cp	SAE No. 57
Turn signal indicator	12 V - 2 cp	SAE No. 57
High beam indicator	12 V - 2 cp	SAE No. 57
FUSE	7 Amp.	

WELCOME,

Your new scooter presents you with an invitation to adventure and a challenge to master the machine. Your safety depends not only on your own alertness and familiarity with the scooter, but also the scooter's mechanical condition. A pre-ride inspection before every outing and regular maintenance are essential.

To help meet the challenges safely and enjoy the adventure fully, become thoroughly familiar with this Owner's Manual **BEFORE YOU RIDE THE SCOOTER**. Also, for your own and your Honda's sake, please read all the written material which came with your new Honda. These items include:

- * Honda Owner's Identification Card
- * Set-up and Predelivery Checklist
- * Honda Scooter Emission Control System, Distributor's Warranty
- * Honda Scooter, Distributor's Limited Warranty
- * Honda Scooter Noise Control Systems, Distributor's Warranty.

When service is required, remember that your authorized Honda scooter dealer knows what it takes to keep your Honda going strong. If you have the required mechanical "know-how" and tools, your authorized Honda scooter dealer can supply you with an official Honda Scooter Shop Manual to help you perform many maintenance and repair tasks.

Pleasant riding and thank you for choosing a Honda!

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ENGINE Bore and stroke Compression ratio Displacement Spark plug Spark plug gap Idle speed	55 x 52.4 mm (2.17 x 2.06 in) 6.7 : 1 124 cc (7.6 cu-in) Standard: BPR6HS (NGK) or W20FPR (ND) For cold climate: (Below 5°C, 41°F) BPR4HS (NGK) or W14FPR-L (ND) For extended high speed riding: BPR7HS (NGK) or W22FPR (ND) 0.6 – 0.7 mm (0.024–0.028 in) 1,800 ± 100 rpm
CHASSIS AND SUSPENSION Caster Trail Tire size, front Tire size, rear	27° 73 mm (2.9 in) 3.50-10-4PR 3.50-10-4PR

SPECIFICATIONS

DIMENSIONS Overall length Overall width Overall height Wheelbase	1,750 mm (68.9 in) 645 mm (25.4 in) 1,090 mm (42.9 in) 1,205 mm (47.5 in)
WEIGHT Dry weight	89 kg (196 lbs)
CAPACITIES 2 stroke engine oil Transmission Oil Fuel tank Passenger capacity Vehicle capacity load	1.3 liter (1.4 US qt) 0.09 liter (0.09 US qt) 7.0 liter (1.8 US gal) Operator and one passenger 145 kg (320 lbs)

SCOOTER SAFETY

WARNING

* *Scooter riding requires special efforts on your part to ensure your safety. Know these requirements before you ride.*

SAFE RIDING RULES

1. Always make a pre-ride inspection (page 23) before you start the engine. You may prevent an accident or equipment damage.
2. Many accidents involve inexperienced riders. Most states require a special riding test or license. Make sure you are qualified before you ride. NEVER lend your scooter to an inexperienced rider.
3. Many automobile/scooter accidents happen because the automobile driver does not "see" the rider. Make yourself conspicuous to help avoid the accident that wasn't your fault:
 - Wear bright or reflective clothing.
 - Don't ride in another motorist's "blind spot."
4. Obey all federal, state, and local laws and regulations.
 - Excessive speed is a factor in many accidents. Obey the speed limits, and NEVER travel faster than conditions warrant.
 - Signal before you make a turn or lane change. Your size and maneuverability can surprise other motorists.
5. Don't let other motorists surprise you. Use extra caution at intersections, parking lot entrances and exits, and driveways.

- Keep both hands on the handlebars and both feet on the floor boards while riding. A passenger should hold onto the scooter or operator with both hands and keep both feet on the passenger footpegs.
- Moderate your speed when riding over bumpy roads. 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.

PROTECTIVE APPAREL

- Most scooter accident fatalities are due to head injuries: ALWAYS wear a helmet. You should also wear a face shield or goggles as well as boots, gloves and protective clothing.
- The exhaust system becomes very hot during operation, and it remains hot after operation. Never touch any part of the hot exhaust system. Wear clothing that fully covers your legs.
- Do not wear loose clothing which could catch on the control levers, footpegs or wheels.

MODIFICATIONS

WARNING

- Modification of the scooter or removal of original equipment may render the vehicle unsafe or illegal. Obey all federal, state and local equipment regulations.*

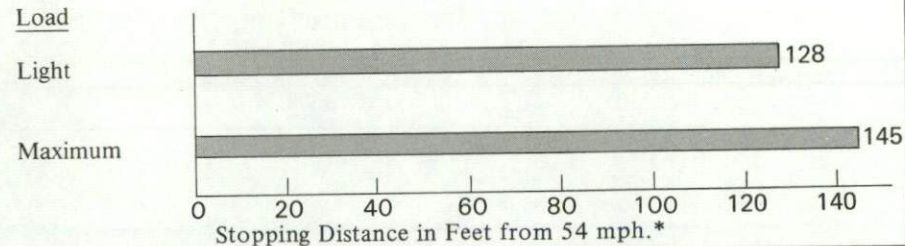
CONSUMER INFORMATION

VEHICLE STOPPING DISTANCE

This figure indicates braking performance that can be met or exceeded by the vehicles to which it applies under different conditions of loading. The information presented represents results obtainable by skilled riders under controlled road and vehicle conditions, and the information may not be correct under other conditions.

Description of vehicles to which this table applies: **HONDA: NH125 aero125**

Fully Operational Service Brake



* The maximum speed attainable by accelerating at maximum rate from a standing start for one mile.

● Problems which may affect scooter emissions

If you are aware of any of the following symptoms, have the vehicle inspected and repaired by your authorized Honda scooter dealer.

Symptoms:

1. Hard starting or stalling after starting
2. Rough idle
3. Misfiring or backfiring during acceleration
4. After-burning (backfiring)
5. Poor performance (driveability) and poor fuel economy

LOADING AND ACCESSORIES

WARNING

* *A scooter is sensitive to changes in weight distribution. Improper loading of cargo and mounting of accessories can impair the scooter's stability and performance. To prevent an accident, use extreme care when mounting accessories and riding with cargo.*

These general guidelines may help you decide whether or how to equip your scooter, and how to load it safely.

The vehicle load limit is 320 lbs (145 kg). The combined weight of the rider, passenger, and cargo must not exceed this limit.

1. Do not exceed these following weight limits for the luggage rack and glove box:

Front (Glove box)	Rear (Rack)
2 lbs (1 kg)	6 lbs (3 kg)

Overloading the luggage rack and glove box will adversely affect stability and handling.

2. Keep cargo weight low and close to the center of the scooter. As weight is located farther from the scooter's center of gravity, handling is proportionally affected. Load weight equally on both sides of the glove box to minimize imbalance.
3. All cargo and accessories must be secure for stable handling. Recheck security frequently.
4. Do not carry items that protrude through the rack or block the taillight.
5. Do not carry children or pets on the luggage rack.
6. Do not install another fairing or modify the existing one.

TUBELESS TIRES

This scooter is equipped with tubeless tires, valves, and wheel rims. Use only tires marked "TUBELESS" and tubeless valves on rims marked "TUBELESS TIRE APPLICABLE."

Proper air pressure will provide maximum stability, riding comfort and tire life.

Check tire pressure frequently and adjust if necessary.

NOTE:

- * Tire pressure should be checked when the tires are "cold," before you ride.
- * Tubeless tires have some degree of self-sealing ability if they are punctured, and leakage is often very slow. Inspect very closely for punctures, especially if the tire is not fully inflated.

		Front	Rear
Tire size		3.50-10 -4PR	3.50-10 -4PR
Cold tire pressures psi (kpa, kg/cm ²)	Up to 90 kg (200 lb) load	21 (150, 1.50)	28 (200, 2.0)
	90 kg (200 lb) load to vehicle capacity load	21 (150, 1.50)	36 (250, 2.5)
Tire brand TUBELESS ONLY BRIDGESTONE DUNLOP INOUE		ML9 F11 SL6	ML8 K527 SL3
Vehicle capacity load		145 (320 lbs)	

Check the tires for cuts, imbedded nails or other sharp objects. Check the rims for dents or deformation. If there is any damage, see your authorized Honda dealer for repair, replacement, and balancing.

EMISSION CONTROL SYSTEM (USA ONLY)

● Source of Emissions

The combustion process produces carbon monoxide and hydrocarbons. Control of hydrocarbons is very important because, under certain conditions, they react to form photochemical smog when subjected to sunlight. Carbon monoxide does not react in the same way, but it is toxic.

Honda Motor Co., Ltd. utilizes lean carburetor settings to reduce carbon monoxide and hydrocarbons.

● Exhaust Emission Control System

The exhaust emission control system is composed of lean carburetor settings, and no adjustments should be made except idle speed adjustment with the throttle stop screw.

● Noise Emission Control System

TAMPERING WITH THE NOISE CONTROL SYSTEM IS PROHIBITED: Federal law prohibits the following acts or the causing thereof: (1) The removal or rendering inoperative by any person, other than for purposes of maintenance, repair, or replacement, of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use; or (2) the use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

AMONG THOSE ACTS PRESUMED TO CONSTITUTE TAMPERING ARE THE ACTS LISTED BELOW:

1. Removal of, or puncturing the muffler, baffles, header pipes or any other component which conducts exhaust gases.
2. Removal of, or puncturing of any part of the intake system.
3. Lack of proper maintenance.
4. Replacing any moving parts of the vehicle, or parts of the exhaust or intake system, with parts other than those specified by the manufacturer.

5. Inflate the tires to their recommended pressures. Place the scooter on blocks to raise both tires off the ground.
6. Cover the scooter don't use plastic or other coated materials) and store in an unheated area, free of dampness with a minimum of daily temperature variation. Do not store the scooter in direct sunlight.

REMOVAL FROM STORAGE

1. Uncover and clean the scooter.
2. Check the battery electrolyte level and charge the battery as required. Install the battery.
3. Drain any excess aerosol rust-inhibiting oil from the fuel tank. Fill the fuel tank with fresh gasoline.
4. Perform all Pre-ride Inspection checks (page 23). Test ride the scooter at low speeds in a safe riding area away from traffic.

WARNING

- * *Improper tire inflation will cause abnormal tread wear and create a safety hazard. Underinflation may result in the tire slipping on, or coming off of the rim.*
- * *Operation with excessively worn tires is hazardous and will adversely affect traction and handling.*

Replace tires before tread depth at the center of the tire reaches the following limit:

Minimum tread depth	
Front:	1.5 mm (1/16 in)
Rear:	2.0 mm (3/32 in)

Tire Repair/Replacement:

See your authorized Honda Dealer.

WARNING

- * *The use of tires other than those listed here may adversely affect handling.*

- * *Do not install tube-type tires on tubeless rims. The beads may not seat and the tires could slip on the rims, causing tire deflation.*
- * *Do not install a tube inside a tubeless tire. Excessive heat build-up may cause the tube to burst resulting in rapid tire deflation.*
- * *Replace the tire if the sidewall is punctured or damaged. Sidewall flexing may cause repair failure and tire deflation.*

CAUTION:

- * *Do not try to remove tubeless tires without special tools and rim protectors. You may damage the rim sealing surface or disfigure the rim.*

DESCRIPTION

CONTROL LOCATION

- (1) Rear brake lock lever
- (2) Horn button
- (3) Turn signal switch
- (4) Headlight switch
- (5) Left rear view mirror
- (6) Fuel gauge
- (7) Speedometer
- (8) Warning and indicator lights
- (9) Right rear view mirror
- (10) Front brake lever
- (11) Throttle grip
- (12) Engine stop switch
- (13) Starter button
- (14) Ignition switch

STORAGE GUIDE

STORAGE

Extended storage, such as for winter, requires that you take certain steps to reduce the effects of deterioration from non-use of the scooter. In addition, necessary repairs should be made **BEFORE** storing the scooter; otherwise, these repairs may be forgotten by the time the scooter is removed from storage.

1. Drain the fuel tank and carburetor. Spray the inside of the tank with an aerosol rust-inhibiting oil. Reinstall the fuel cap on the tank.

WARNING

- * *Gasoline is flammable and is explosive under certain conditions. Do not smoke or allow flames or sparks near the equipment while draining fuel.*

2. Remove the spark plug and pour a tablespoon (15—20 cc) of clean 2-stroke oil into the cylinder. Operate the starter button times to distribute the oil, then reinstall the spark plug.

NOTE:

- * **When turning the engine over, the Engine Stop Switch should be OFF.**
3. Remove the battery. Store in an area protected from freezing temperatures and direct sunlight. Check the electrolyte level and slow charge the battery once a month.
 4. Wash and dry the scooter. Wax all painted surfaces.

CLEANING

Clean your scooter regularly to protect the surface finishes and inspect it for damage, wear, and oil seepage.

CAUTION:

* Avoid spraying high pressure water (typical in coin-operated car washes) at the following areas:

Wheel Hubs Ignition Switch
Muffler Outlet Handlebar Switches
Under Seat

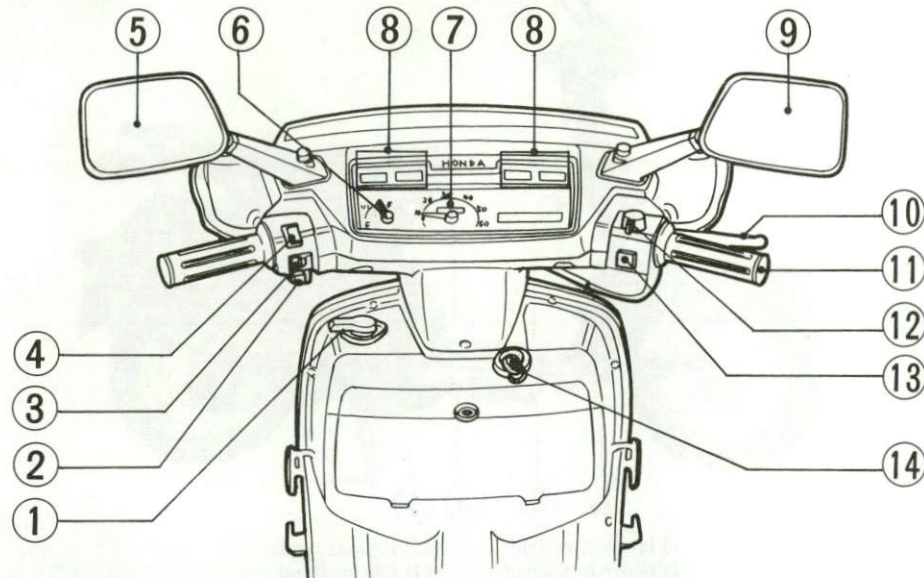
1. After cleaning, rinse the scooter thoroughly with plenty of clean water. Strong detergent residue can corrode alloy parts.
2. Dry the scooter, start the engine, and let it run for several minutes.

3. Test the brakes before riding the scooter in traffic. Several applications may be necessary to restore normal braking performance.

WARNING

* Braking performance may be impaired immediately after washing the scooter.

EQUIPMENT AND CONTROLS Control Location

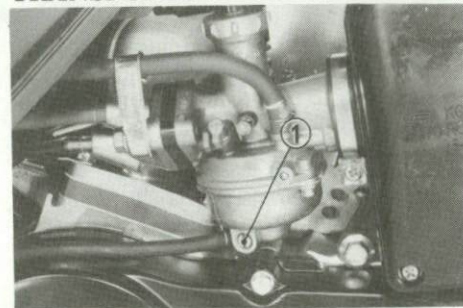




(1) Ignition switch
(2) Glove box cover

(3) Helmet holder
(4) Center stand

TRANSPORTING THE SCOOTER



(1) Drain screw

WARNING

* *To prevent the possibility of a fire or explosion when transporting the scooter always*

- Drain the fuel tank and carburetor.
- Carry the scooter upright in its normal riding position to prevent oil and battery electrolyte from leaking.
- Tie down the scooter at the wheels.

Draining Fuel

Perform this operation only in a well-ventilated area.

WARNING

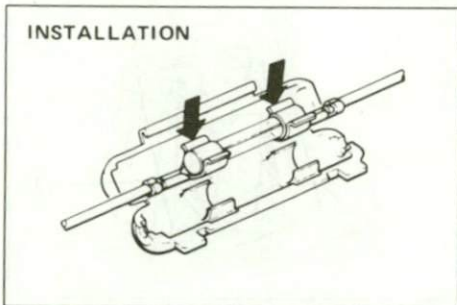
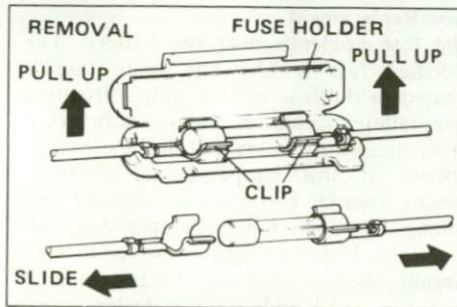
* *Gasoline is flammable and explosive under certain conditions. Always stop the engine, and do not smoke or allow flames or sparks in the area when draining or refueling.*

1. Stop the engine and remove the left side cover.
2. Empty the fuel tank using a commercially available hand siphon or other equivalent way.
3. Place the free end of the carburetor drain tube into a suitable fuel container.
4. Open the carburetor drain by turning the drain screw counterclockwise.
When all fuel has drained, turn the screw clockwise until tight.

WARNING

* Do not pry the clips open to get a fuse out; you could bend them and cause poor contact with the new fuse. A loose fuse could cause damage to the electrical system and even start a fire.

To replace the fuse, open the fuse holder and lift out the fuse with the clips. Slide the old fuse out of the clips and discard it. Slide the clips onto the ends of the new fuse, push them back into the fuse holder, and close the fuse holder.



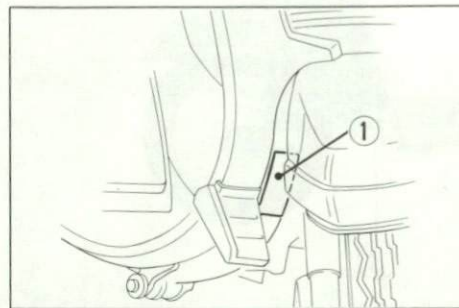
(1) Footpeg
(2) Battery box cover

(3) Rear brake pedal

SERIAL NUMBERS

The frame and engine serial numbers are required when registering your scooter. They may also be required by your authorized Honda scooter dealer when ordering replacement parts. Record the numbers here for your reference.

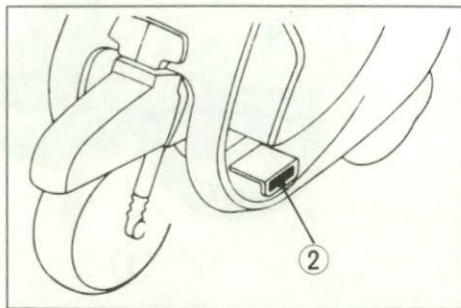
VIN. JF0102ES009173
JF2JF



(1) VIN

The VIN, Vehicle Identification Number (1), is on the Safety Certification label, which is attached to the frame tube forward of the front cover. The frame serial number (2) is stamped on the left side of the frame body.

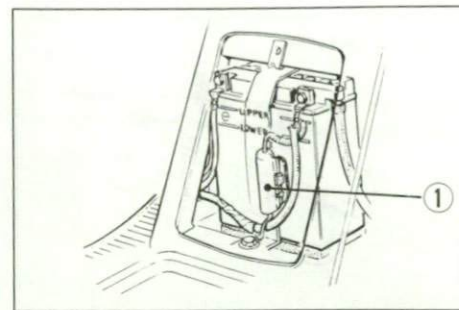
FRAME NO. JH2JF0102ES009173



(2) Frame serial number

Fuse Replacement

The fuse holder is near the battery. The specified fuse is 7A. The spare fuse is located in the fuse holder. When frequent fuse failure occurs, it usually indicates a short circuit or an overload in the electrical system. If this happens, the electrical system should be checked visually for damaged insulation or other possible malfunctions. If the problem cannot be located visually, the scooter should be examined by an authorized Honda scooter dealer.



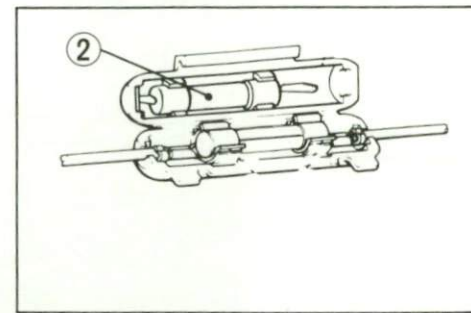
(1) Fuse holder

WARNING

- * *Never use a fuse with a different rating from that specified. Serious damage to the electrical system or a fire may result, causing a dangerous loss of lights or engine power at night or in traffic.*

CAUTION:

- * *Turn the ignition switch OFF before checking or replacing the fuse to prevent accidental short-circuiting.*



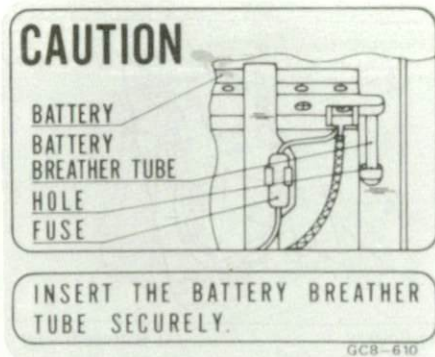
(2) Spare fuse

WARNING

- * *The battery contains sulfuric 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, flames, and cigarettes away. Ventilate when charging or using in enclosed spaces. Always shield eyes when working near batteries.*
- * **KEEP OUT OF REACH OF CHILDREN.**

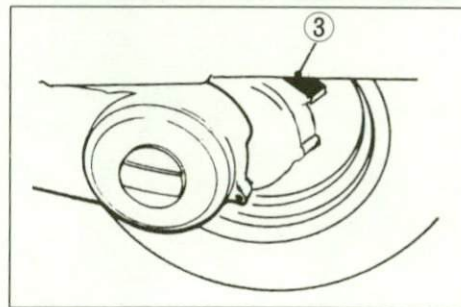
CAUTION:

- * *The battery breather tube must be routed as shown on the label. Do not bend or twist the breather tube. A bent or kinked breather tube may pressurize the battery and damage its case.*



The engine serial number (3) is stamped on the back of the crankcase near the rear wheel.

ENGINE NO. 2009238 JFOIE-

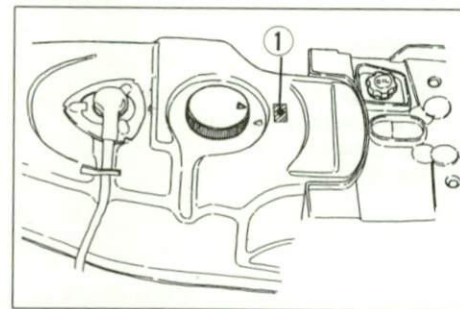


(3) Engine serial number

COLOR LABEL

The color label is attached to the fuel tank below the seat. It is helpful when ordering replacement parts. Record the model and color here for your reference.

MODEL NH125-E
COLOR R-4C



(1) Color label

KE9 A59

PARTS FUNCTION

Instruments and Indicators

The indicators are grouped between the handlebars.

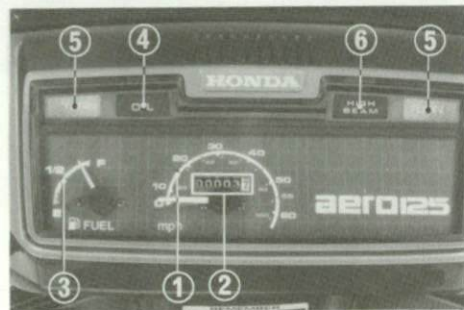
Their functions are described in the table on the following page.

USA model:

Odometer reads in miles.

Canadian model:

Odometer reads in kilometers.

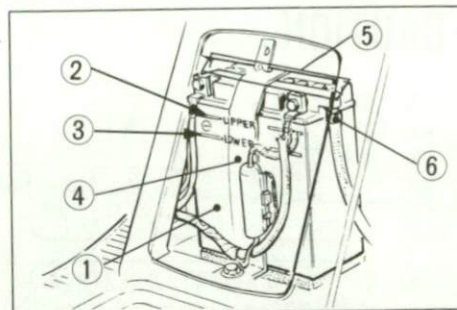


- (1) Speedometer
- (2) Odometer
- (3) Fuel gauge
- (4) Oil level warning indicator
- (5) Turn signal indicator
- (6) High beam indicator

Battery

If the scooter is operated with insufficient battery electrolyte, sulfation and battery plate damage will occur.

If rapid loss of electrolyte is experienced, or if your battery seems to be weak, causing electrical problems, see your authorized Honda scooter dealer.



- (1) Battery
- (2) Upper level mark
- (3) Lower level mark
- (4) Battery holder
- (5) Filler caps
- (6) Breather outlet

Battery electrolyte:

The battery (1) is behind the center cover. Remove the cover to check the electrolyte level.

The electrolyte level must be maintained between the upper (2) and lower (3) level marks on the side of the battery. If the electrolyte level is near the lower level mark, remove the battery holder (4) and remove the battery and filler caps (5).

Carefully add distilled water to the upper level mark using a small plastic funnel.

CAUTION:

* When checking battery electrolyte level or adding distilled water, make sure the breather tube is connected to the battery breather outlet (6).

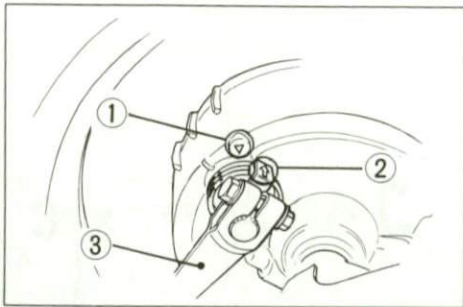
NOTE:

* Use only distilled water in the battery. Tap water may shorten the service life of the battery.

Wear Indicator:

When the brake is applied, an arrow (2) attached to the brake arm (3) moves toward a reference mark (1) on the brake panel.

If the arrow aligns with the reference mark on full application of the brake, the brake shoes must be replaced. See your authorized Honda scooter dealer for this service.

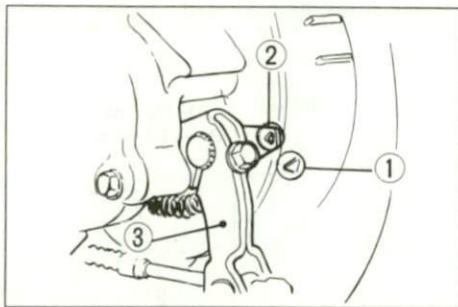


(FRONT)

(1) Reference mark (2) Arrow

Other Checks:

Check the brake cable for kinks or signs of wear that could cause sticking or failure. Lubricate the brake cable with a commercially available cable lubricant to prevent premature wear and corrosion. Make sure the brake arm, spring and fasteners are in good condition.



(REAR)

(3) Brake arm

Ref. No.	Description	Function
1	Speedometer	Shows riding speed.
2	Odometer	Shows accumulated mileage.
3	Fuel gauge	Shows approximate fuel supply available (see page 14).
4	Oil level warning light (red)	Lights when oil level is low (see page 14). It should come on for about 5 seconds after turning the ignition switch on, then go out (see page 14).
5	Turn signal indicator	Flashes when either turn signal is operated.
6	High beam indicator	Lights when the headlight is on high beam.

Fuel Gauge

The fuel gauge shows the approximate fuel supply available. At F (Full) there are 7.0 liters (1.8 US gal., 1.5 Imp. gal), including the reserve supply.

When the gauge needle enters the red band (2), fuel will be low and you should refill the tank as soon as possible. The amount of fuel left in the tank when the needle enters the red band is approximately 1.7 liters (0.45 US gal., 0.37 Imp. gal.).



(1) Fuel gauge (2) Red band

Oil Level Warning Light

The oil level warning indicator lights when the 2-stroke engine oil level is below approximately 0.23 liter (0.24 U.S. qt., 0.20 Imp. qt).

The oil level warning light should come on for a few seconds after turning the ignition switch on, then go out.

WARNING

* *If the warning light comes on while riding, stop riding and shut the engine off. Fill the oil tank immediately to the UPPER LEVEL mark with the recommended oil (see page 22). Do not ride if the oil level is low.*

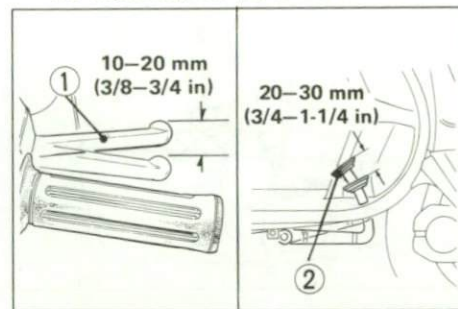


(1) Oil warning light

Brakes

Adjustment:

1. Measure the distance the front brake lever (1) and the rear brake pedal (2) move before the brake starts to take hold. Front brake free play should be 10–20 mm (3/8–3/4 in) and rear brake free play should be 20–30 mm (3/4–1-1/4 in) at the tips of the brake lever and pedal.
2. Make free play adjustments by turning the adjusting nut (3) at the brake arm.



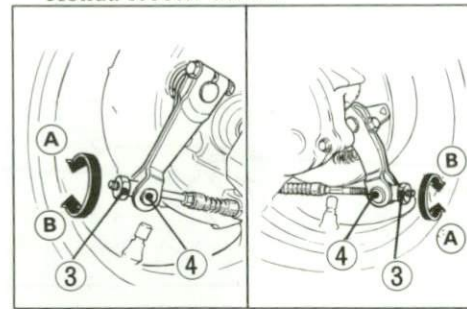
(1) Front brake lever
(2) Rear brake pedal

Make sure the cut-out on the adjusting nut is seated on the brake arm pin (4) after making the final free play adjustment.

3. Apply the brake several times and check for free wheel rotation when released.

NOTE:

* If proper adjustment cannot be obtained by this method, see your authorized Honda scooter dealer.



(Front) (Rear)
(3) Adjusting nut (A) Increase
(4) Arm pin (B) Decrease

Idle Speed

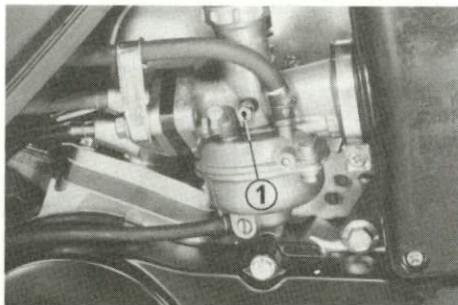
The engine must be warm for accurate idle adjustment. Ten minutes of stop-and-go riding is sufficient.

NOTE:

* Do not attempt to compensate for faults in other systems by adjusting idle speed. See your authorized Honda scooter dealer for regularly scheduled carburetor adjustments.

1. Warm up the engine and place the scooter on its center stand. Remove the left side cover.
2. Adjust idle speed with the throttle stop screw (1).

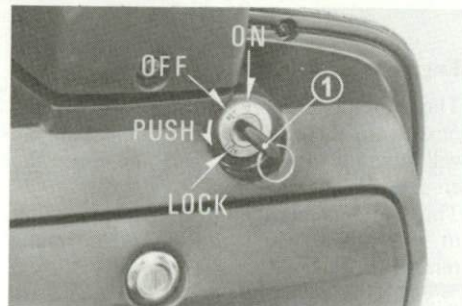
IDLE SPEED: $1,800 \pm 100$ rpm.



(1) Throttle stop screw

Ignition Switch

The ignition switch (1) is on the right side below the steering stem.



(1) Ignition switch

Key Position	Function	Key Removal
LOCK (Steering lock)	The steering is locked. The engine and lights cannot be operated.	Key can be removed.
OFF	Engine and lights cannot be operated.	Key can be removed.
ON	Taillight will be on and other lights can be operated. The engine can be started. NOTE: * The headlight and instrument light operate whenever the engine is running.	Key cannot be removed.

Engine Stop Switch

The three position engine stop switch (1) is next to the throttle grip. In RUN the engine will operate. In either OFF position the engine will not operate.

This switch is intended primarily as a safety or emergency switch and should normally remain in RUN.

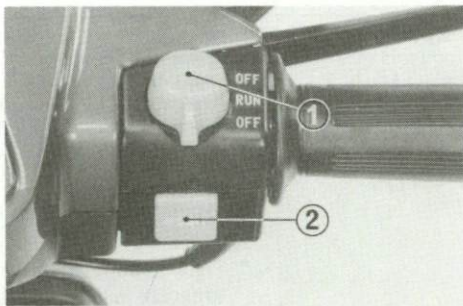
NOTE:

* If your scooter is stopped with the ignition switch ON and the engine stop switch OFF, the taillight will still be on, resulting in battery discharge.

Starter Button

The starter button (2) is below the engine stop switch (1).

When the starter button is pressed, the starter motor cranks the engine. See page 24 for the starting procedure.

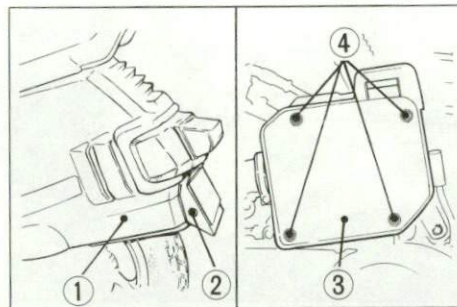


(1) Engine stop switch
(2) Starter button

Air Cleaner

The air cleaner should be serviced at regular intervals (page 37). Service more frequently when riding in dusty areas.

1. Remove the left side cover (1) by removing the rear bracket screw (2).
2. Remove the air cleaner cover (3) by removing the screws (4). Remove the element (5).
3. Wash the element in non-flammable or high flash point solvent and allow it to dry thoroughly.

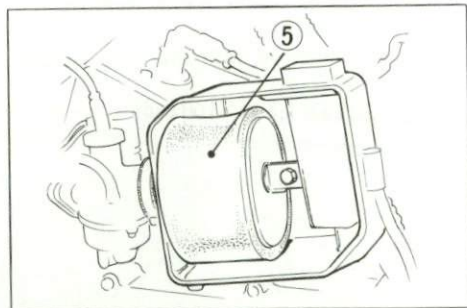


(1) Left side cover
(2) Rear bracket screw
(3) Air cleaner cover
(4) Screws

WARNING

* *Never use gasoline or low flash point solvents for cleaning the air cleaner element. A fire or explosion could result.*

4. Soak the air cleaner element in clean gear oil (SAE 80 or 90) and squeeze out the excess.
5. To install the air cleaner element, reverse the removal procedure. Make sure to engage all tabs on the side cover and to secure the rear bracket screw.



(5) Element

Spark Plug

Recommended plugs:

Standard:

BPR 6HS (NGK) W20FPR (ND)

For cold climate (Below 5°C, 41°F):

BPR4HS (NGK) W14FPR-L (ND)

For extended high speed riding:

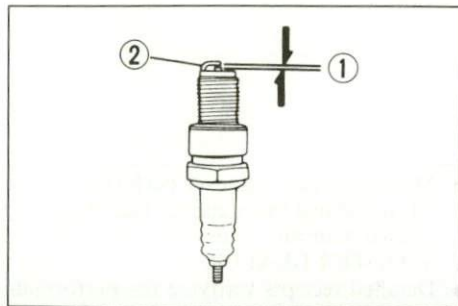
BPR 7HS (NGK) W22FPR (ND)

1. Remove the left side cover by unscrewing the rear bracket screw and gently pulling the cover away, starting from the rear edge.
2. Disconnect the spark plug cap.
3. Clean any dirt from around the spark plug base. Remove and discard the spark plug.
4. Make sure the spark plug gap (1) is 0.6—0.7 mm (0.024—0.028 in) using a wire-type feeler gauge. If adjustment is necessary, bend the side electrode (2) carefully.
5. With the plug washer attached, thread the new spark plug in by hand to prevent cross-threading.

6. Tighten the spark plug 1/2 turn with a spark plug wrench to compress the washer.
7. Connect the plug cap and replace the side cover.

CAUTION:

- * *The spark plug must be securely tightened. An improperly tightened plug can become very hot and possibly damage the engine.*
- * *Never use a spark plug with an improper heat range.*



(1) Spark plug gap (2) Side electrode

Headlight Dimmer Switch, Turn Signal Switch and Horn Button

The three controls next to the left handlebar grip are:

Headlight Dimmer Switch (1)

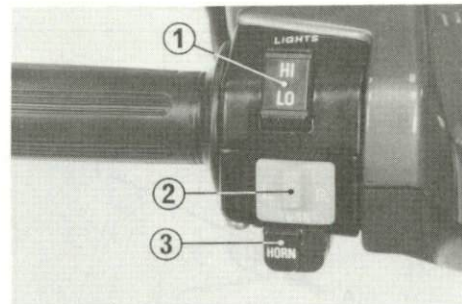
Select HI for high beam, LO for low beam.

Turn Signal Switch (2)

Move to L to signal a left turn, R to signal a right turn. Return to the center (off) position upon completing the turn.

Horn Button (3)

Press the button to sound the horn.



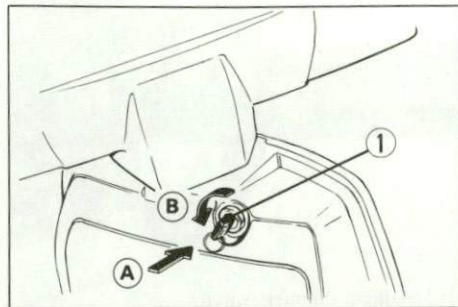
(1) Headlight dimmer switch
(2) Turn signal switch
(3) Horn button

Steering Lock

To lock the steering, turn the handlebars all the way to the left, and turn the key (1) to Lock while pushing in. Remove the key.

WARNING

* *Do not turn the key to LOCK while riding the scooter.*



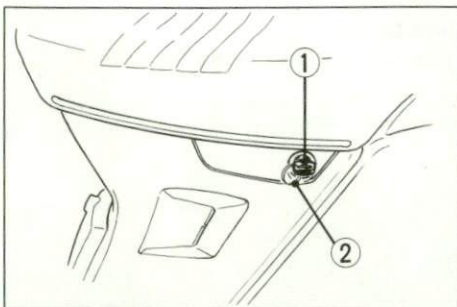
(1) Ignition key
(A) Push in
(B) Turn to LOCK

Seat Lock

The seat lock (1) is on the left side below the seat.

To lift the seat, insert the ignition key (2) and turn it clockwise to unlock.

To lock the seat, lower and push down on it until it locks. Make sure the seat is secure before riding.



(1) Seat lock
(2) Ignition key

MAINTENANCE RECORD

Miles	Performed by	Odometer	Date
600			
2,500			
5,000			
7,500			

- Make sure that whoever performs the maintenance completes this record. All scheduled maintenance including the 600 mile (1000km) break-in maintenance, is considered a normal owner operating cost and will be charged for by your authorized HONDA SCOOTER DEALER.
- Detailed receipts verifying the performance of required maintenance should be retained. These receipts should be transferred with the scooter to the new owner if the scooter is sold.

ITEM	FREQUENCY	WHICHEVER COMES FIRST ↓	ODOMETER READING (NOTE 2)				Refer to
			600 mi (1,000 km)	2,500 mi (4,000 km)	5,000 mi (8,000 km)	7,500 mi (12,000 km)	
		EVERY					
* DRIVE BELT			—	—	I	—	
* TRANSMISSION OIL	2 YEARS R *		—	—	—	—	
BATTERY	MONTH		I	I	I	I	Page 45
BRAKE SHOE WEAR			—	I	I	I	Page 44
BRAKE SYSTEM			I	I	I	I	Pages 43,44
* BRAKE LOCK LEVER			I	I	I	I	
* STARTER LIMIT SWITCH			I	I	I	I	
* BRAKE LIGHT SWITCH			I	I	I	I	
* HEADLIGHT AIM			I	I	I	I	
* SUSPENSION			I	I	I	I	
* NUTS, BOLTS, FASTENERS			I	I	I	I	
** CLUTCH SHOE WEAR			—	I	I	I	
** WHEELS			I	I	I	I	
** STEERING HEAD BEARING			I	—	—	I	

* SHOULD BE SERVICED BY AN AUTHORIZED HONDA SCOOTER DEALER UNLESS THE OWNER HAS PROPER TOOLS AND SERVICE DATA, AND IS MECHANICALLY QUALIFIED. REFER TO THE OFFICIAL HONDA SCOOTER SHOP MANUAL.

** IN THE INTEREST OF SAFETY, WE RECOMMEND THESE ITEMS BE SERVICED ONLY BY AN AUTHORIZED HONDA SCOOTER DEALER.

NOTES: (1) Service more frequently when riding in dusty areas.
(2) For higher odometer readings, repeat at the frequency interval established here.

Helmet Holder

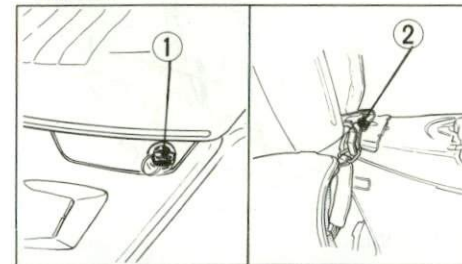
The helmet holder (2) eliminates the need for carrying your helmet after parking.

1. Insert the ignition key into the seat lock (1), and turn it clockwise to unlock.
2. Hang your helmet on the hook at the seat hinge.
3. Lower the seat to lock.

To remove a helmet, unlock the seat. Lift the helmet off the holder and lower the seat, making sure it is securely locked before riding.



*** The helmet holder is designed for helmet security while parked. Do not operate the scooter with a helmet attached to the holder.**



(1) Seat lock (2) Helmet holder

Glove Box

Opening

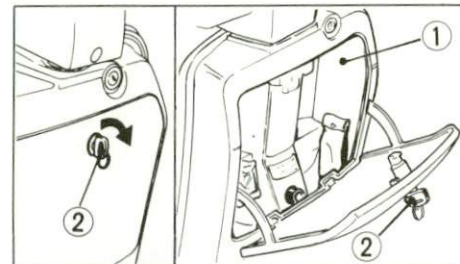
To open the glove box (1), insert the ignition key (2) and turn it clockwise.

Closing

To close the glove box, insert the ignition key and turn it clockwise while pressing forward; turn the key back to lock the glove box. Remove the key, making sure the cover is securely closed.

NOTE:

- * Do not stow articles that weigh more than 1 kg (2 lbs).
- * Do not direct water under pressure against the glove box as water will be forced into the glove box compartment.

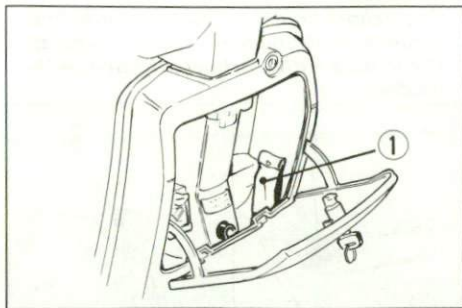


(1) Glove box (2) Ignition key

TOOL KIT

The tool kit (1) is in the storage compartment in the glove box. Some roadside repairs, minor adjustments and parts replacement can be performed with the tools contained in the kit.

- Spark plug wrench
- Spark plug wrench handle
- Screwdriver shaft (phillips/standard)
- Screwdriver grip
- 10 X 12 mm open end wrench
- Tool bag



(1) Tool Kit

MAINTENANCE SCHEDULE

Perform the Pre-ride Inspection (page 23) at each scheduled maintenance period.

I: Inspect and Clean, Adjust, Lubricate or Replace, if necessary.

C: Clean. R: Replace. A: Adjust. L: Lubricate

	ITEM	FREQUENCY WHICHEVER COMES FIRST ↓ EVERY	ODOMETER READING (NOTE 2)				Refer to
			600 mi (1,000 km)	2,500 mi (4,000 km)	5,000 mi (8,000 km)	7,500 mi (12,000 km)	
EMISSION RELATED ITEMS	* FUEL LINES		–	I	I	I	
	* FUEL FILTER		–	–	–	R	
	* THROTTLE OPERATION		I	I	I	I	
	AIR CLEANER	NOTE 1	–	C	C	C	Page 41
	SPARK PLUG		–	R	R	R	Page 40
	** OIL PUMP		I	I	I	I	
	ENGINE OIL LINES		–	I	I	I	
	* ENGINE OIL STRAINER SCREEN		–	–	C	–	
	** MUFFLER DECARBONIZATION		–	–	–	C	
	* CARBURETOR-IDLE SPEED		I	I	I	I	Page 42

ANTICIPATED MAINTENANCE

The maintenance items in this table are set apart from the regular periodic maintenance items because of their anticipated need for irregular service intervals. The service interval is dependent upon variable factors such as the severity of use, operating conditions, etc. Therefore, perform this maintenance when the described symptoms warrant it.

No.	Item	Remarks
1.	Spark Plug	If your scooter is hard to start or if idling is unstable, the spark plug should be replaced. Your scooter may need a new spark plug around 2,000–3,000 km (1,300–2,000 mi).
**2.	Decarbonization	If heavy power loss is evident, decarbonize the cylinder head, cylinder, piston head, and exhaust system. Carbon build-up may occur around 3,000~5,000 km (2,000~3,000 mi).

** In the interest of safety, we recommend this item be serviced ONLY by an authorized Honda scooter dealer.

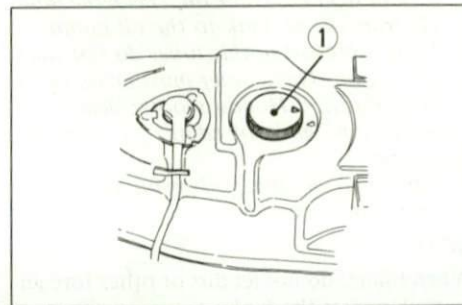
FUEL

Fuel Tank

Fuel tank capacity is 7.0 ℓ (1.8 US gal, 1.5 Imp gal). Remove the fuel cap by turning it counterclockwise.

NOTE:

- * Use UNLEADED gasoline with a Research Octane number of 91 or higher, or a Pump Octane number of 86 or higher.
- * The use of leaded gasoline will cause spark plug fouling.



(1) Fuel cap

WARNING

- * *Gasoline is extremely flammable and is explosive under certain conditions. Refuel in a well-ventilated area with the engine stopped. Do not smoke or allow flames or sparks in the area where the scooter 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 fuel cap is closed securely.*

ENGINE OIL

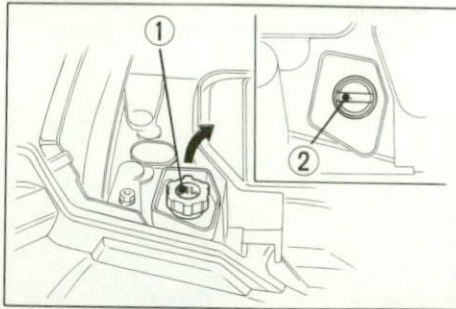
Oil Level

The oil level indicator will light for several seconds, then go out when the ignition switch is turned on with the engine not running.

If the lamp remains on longer than about 5 seconds after the engine starts, there is insufficient oil in the oil tank; stop the engine and fill the oil tank.

To fill, lift the seat, remove the cap from the oil tank, and fill with the recommended oil up to the UPPER LEVEL mark. (2).

Capacity: 1.3 l (1.4 US qt, 1.14 Imp qt)



22 (1) Oil tank cap (2) UPPER LEVEL mark/tube

Oil Recommendation

USE HONDA 2 STROKE OIL OR ITS EQUIVALENT

CAUTION:

- * *The use of improper oils may cause excessive and/or premature carbon build up in the engine and exhaust system, resulting in loss of power and possible engine damage. Genuine Honda 2-Stroke Oil has been specifically designed and tested in Honda scooters and is a proper oil.*
- * *If the engine has run after the oil indicator light has come on, check the tube (2) from the oil tank to the oil pump. If air is present in this tube, do not start the engine. The scooter must be taken to an authorized Honda scooter dealer for inspection and bleeding of the oil system. Failure to do this will result in serious engine damage.*

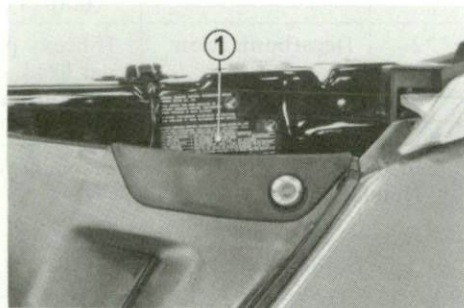
NOTE:

When filling, do not let dirt or other foreign materials enter the tank.

WARNING

- * *If your scooter is overturned or involved in a collision, inspect control levers and cables, switches and other vital parts for damage. Do not ride the scooter if damage impairs safe operation. Have your authorized Honda scooter dealer inspect the major components including frame, suspension, and steering parts for misalignment and damage that you may not be able to detect.*
- * *Stop the engine and support the scooter securely on a level surface before performing any maintenance.*
- * *Use new, genuine Honda scooter parts or their equivalent for maintenance and repair. Parts which are not of equivalent quality may impair the safety of your scooter and the effective operation of the emission control systems.*

The Vehicle Emission Control Information Label (1) is attached to the frame below the seat. (USA ONLY)



(1) Vehicle Emission Control Information Label

MAINTENANCE

- The U.S. Environmental Protection Agency requires that your scooter comply with applicable exhaust emissions standards during its useful life, when operated and maintained according to the instructions provided, and that scooters built after January 1, 1983 comply with applicable noise emission standards for one year or 6,000 km (3,730 miles) after the time of sale to the ultimate purchaser, when operated and maintained according to the instructions provided. Compliance with the terms of the Distributor's Warranties for Honda Scooter Emission Control Systems is necessary in order to keep the emissions system warranty in effect. (USA ONLY)
- When service is required, remember that your authorized Honda scooter dealer knows your scooter best and is fully equipped to maintain and repair it. The scheduled maintenance and the anticipated maintenance may also be performed by a qualified service facility that normally does this kind of work; or you may perform most of the work yourself if you are mechanically qualified and have the proper tools and service data.
- These instructions are based on the assumption that the scooter will be used exclusively for its designed purpose. Sustained high speed operation or operation in unusually wet or dusty conditions will require more frequent service than specified in the MAINTENANCE SCHEDULE. Consult your authorized Honda scooter dealer for recommendations applicable to your individual needs and use.

OPERATION

PRE-RIDE INSPECTION

WARNING

** If the Pre-ride Inspection is not performed, serious damage or an accident may result.*

Inspect your scooter every day before you start the engine. The items listed here will only take a few minutes to check and, in the long run, can save time, expense, and possibly your life.

1. Oil level-check the level and, if necessary, add oil (page 22).
2. Fuel level-fill the fuel tank when necessary (page 21). Check for leaks.
3. Front and rear brakes-check operation and if necessary, adjust free play (page 43).
4. Tires- check condition and pressure (page 4).
5. Throttle-check for smooth opening and closing in all steering positions.

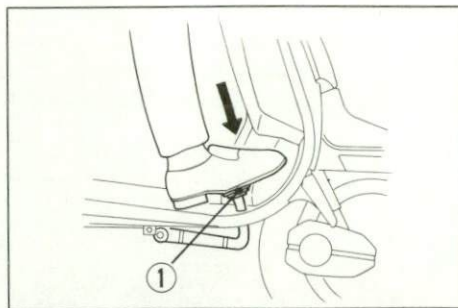
6. Lights and horn- check that the headlight, tail/stoplight, turn signals, indicators and horn function properly.
7. Engine stop switch-check for proper function (page 16).

Correct any discrepancy before you ride. Contact your authorized Honda scooter dealer for assistance if you cannot correct the problem.

STARTING THE ENGINE

NOTE:

This scooter has an automatic fuel valve and choke; there is no manual operation. Place the scooter on its center stand. Lock the rear wheel by pressing the rear brake pedal (1) and pulling the lock lever (2) back all the way.



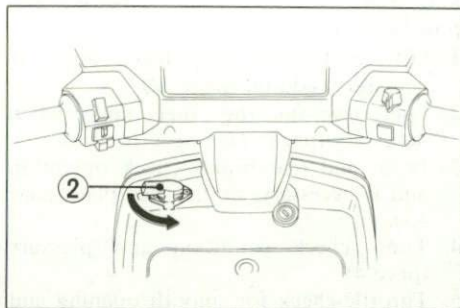
(1) Rear brake pedal

NOTE:

The electric starter will only work when the brake pedal (1) is operated.

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.*



(2) Lock lever

PARKING

1. After stopping the scooter, turn the ignition switch OFF and remove the key.
2. Use the center stand to support the scooter while parked.

CAUTION:

- * *Park the scooter on firm, level ground to prevent overturning.*
3. Lock the steering to help prevent theft (page 18).

ANTI-THEFT TIPS

1. Always lock the steering and never leave the key in the ignition switch. This sounds simple but people do forget.
2. Be sure the registration information for your scooter is accurate and current.
3. Park your scooter in a locked garage whenever possible.
4. Use an additional anti-theft device of good quality.
5. Put your name, address, and phone number in this Owner's Manual and keep it on your scooter at all times. Many times stolen scooters are identified by information in the Owner's Manuals which are still with them.

NAME: _____

ADDRESS: _____

PHONE NO: _____

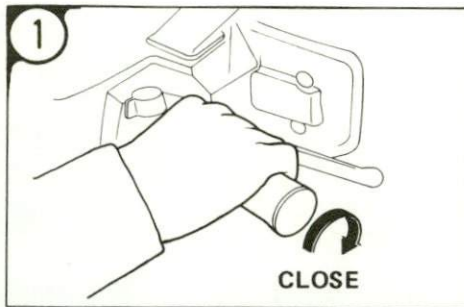
BRAKING

When slowing down the scooter, coordination of the throttle (1) and front and rear brakes (2) are most important.

WARNING

* Both front and rear brakes should be applied together. 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 scooter.

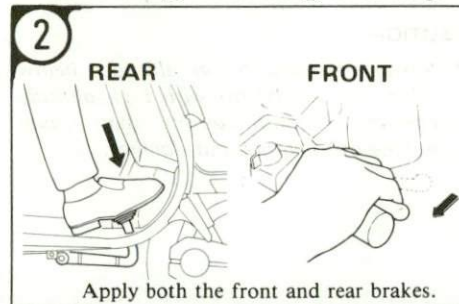


CAUTION:

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

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.

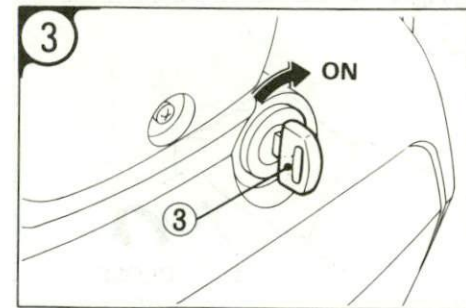


Make sure that the engine stop switch is at RUN.

Turn the ignition switch (3) to ON.

WARNING

* Never run the engine in a closed area. The exhaust contains poisonous carbon monoxide gas.

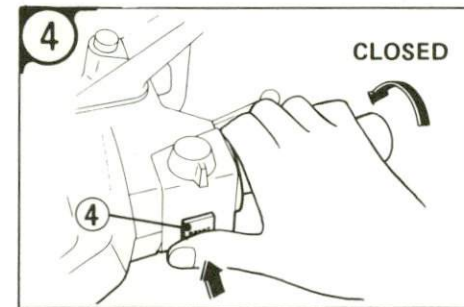


(3) Ignition switch

With the throttle closed, push the starter button (4). Release the starter button as soon as the engine starts.

NOTE:

Do not use the electric starter for more than 5 seconds at a time. Release the starter button for approximately 10 seconds before pressing it again.

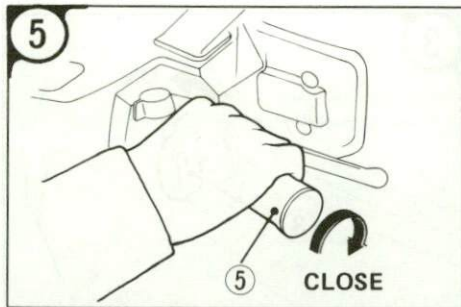


(4) Starter button

NOTE:

- * If the engine fails to start after repeated attempts, turn the engine stop switch OFF, open the throttle slightly and push the starter button for 5 seconds.
- * If the scooter has been left standing for a long time, or when the fuel tank has just been refilled, you may have to operate the starter button for slightly longer than usual without opening the throttle.

Be sure to keep the throttle (5) closed and the rear brake pedal (6) locked while starting and warming up the engine. Allow the engine to warm up before riding (See RIDING THE SCOOTER).



(5) Throttle

High Altitude Riding

When operating this scooter at high altitude, the air-fuel mixture becomes overly rich. Above 6,500 feet (2,000 m), driveability and performance may be reduced and fuel consumption increased. The carburetor can be modified to compensate for this high altitude richness. However, the carburetor must be returned to standard factory specifications when lower altitude riding is desired. See your authorized Honda scooter dealer for high altitude adjustments.

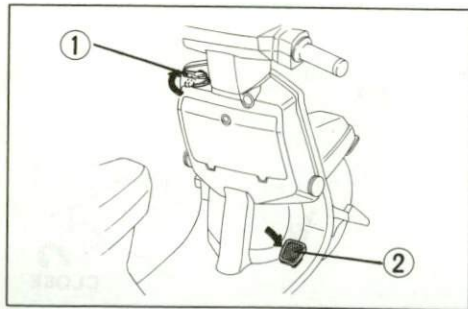
CAUTION:

- * Sustained operation at altitudes below 5,000 feet (1,500 m) with high altitude carburetor modifications may cause engine overheating and damage.

Once off the center stand, unlock the rear wheel by pushing the lock lever (1) forward all the way, pressing and releasing the rear brake pedal (2).

WARNING

* Do not blip the throttle (open and close it rapidly) as the scooter will move forward suddenly, causing possible loss of control.

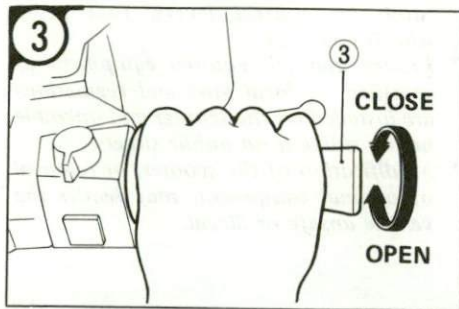


30 (1) Lock lever (2) Rear brake pedal

To accelerate, open the throttle gradually; to decelerate, close the throttle.

WARNING

* The scooter is equipped with an automatic clutch which engages as engine speed is increased.



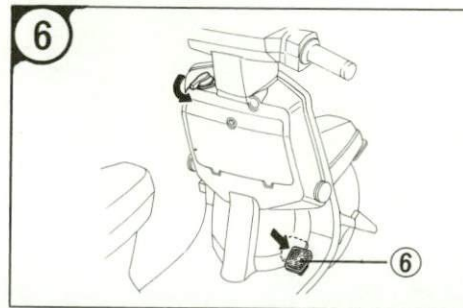
(3) Throttle

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. Do not leave the scooter unattended while the engine is running.

* Do not attempt to "BLIP" the throttle (open and close rapidly) as the scooter will move forward suddenly, causing possible loss of control.



(6) Rear brake pedal

BREAK-IN

During the first 600 miles (1,000 km), do not operate the scooter at more than 80% of the maximum speed.

Avoid full throttle operation, and do not operate for a long time at one speed.

During initial break-in, newly machined surfaces will be in contact with each other and these surfaces will wear in quickly. Break-in maintenance at 600 miles (1,000 km) is designed to compensate for this initial minor wear. Timely performance of the break-in maintenance will ensure optimum service life and performance from the engine.

RIDING THE SCOOTER

WARNING

- * *The 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, foot pegs, wheels and tires.*
- * *Ensure that all required equipment as specified by local laws and regulations are installed on the scooter and operable before riding it on public streets.*
- * *Modification of the scooter, or removal of original equipment, may render the vehicle unsafe or illegal.*

Make sure the throttle is closed and the rear brake is locked before moving the scooter off the center stand.

WARNING

- * *The rear wheel must be locked when moving the scooter off the center stand or loss of control may result.*

