

IMPORTANT NOTICE

. OPERATOR AND PASSENGER

This scooter is designed to carry the operator and one passenger. Never exceed the vehicle capacity load as shown on the tire information label.

. ON-ROAD USE ONLY

This scooter is not equipped with a spark arrester and is designed to be used only on the road. Operation in forest, brush or grass covered areas may be illegal. Obey local laws and regulations.

. READ THIS OWNER'S MANUAL CAREFULLY

Pay special attention to statements preceded by the following words:

WARNING

Indicates a strong possibility of severe personal injury or loss of life if instructions are not followed.

CAUTION

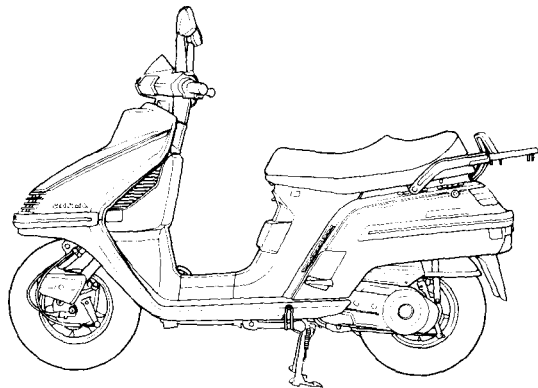
Indicates a possibility of personal injury or equipment damage if instructions are not followed.

NOTE: Gives helpful information.

This manual should be considered a permanent part of the scooter and should remain with the scooter when resold.

HONDA CH250 ELITE250
OWNER ' S MANUAL

1986



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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 Motor Scooter Emission Control System, Distributor's Warranty
- * Honda Motor Scooter, Distributor's Limited Warranty
- * Honda Motor 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!

OPERATION

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SCOOTER SAFETY

Read these WARNING LABELS before you ride!

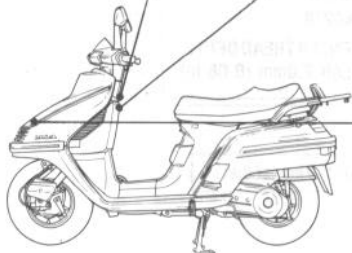
ON ROAD USE ONLY

REMEMBER

- *PRESERVE NATURE
- *ALWAYS WEAR A HELMET
- RIDE SAFELY
- *READ OWNER'S MANUAL CAREFULLY BEFORE RIDING

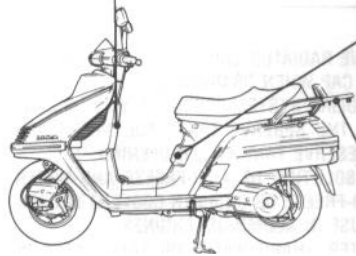
CAUTION

- DO NOT REMOVE RADIATOR CAP WHEN ENGINE IS HOT. ONLY REMOVE CAP WHEN DRAINING COOLANT.
- CHECK THE COOLING SYSTEM FREQUENTLY BY OBSERVING LEVEL IN THE RESERVE TANK. ADD NECESSARY COOLANT AT RESERVE TANK FILLER OPENING.
- *USE A 50/50 SOLUTION OF ANTI-FREEZE AND WATER USE ONLY ANTI-FREEZE OR SUMMER COOLANT RECOMMENDED FOR USE IN ALUMINUM ENGINES.
- *USE SOFT WATER. (HARD WATER OR SALT WATER IS HARMFUL TO ALUMINUM)
- REFER TO OWNER'S MANUAL FOR COMPLETE INFORMATION.



CAUTION

- MAX. LOAD IN TRUNK: 1.5kg(31bs)
- MAX. LOAD ON REAR CARRIER: 7kg (15 lbs)
- WATER MAY LEAK INTO TRUNK.



IMPORTANT INFORMATION	
COLD TIRE PRESSURES:	
[UP TO VEHICLE CAPACITY LOAD]	FRONT 175kPa 1.75kg/cm ² 24psi REAR 250kPa 2.50kg/cm ² 36psi
[UP TO 90kg (200lbs) LOAD]	FRONT 175kPa 1.75kg/cm ² 24psi REAR 200kPa 2.00kg/cm ² 28psi
VEHICLE CAPACITY LOAD: 150kg (335 lbs.)	
TIRE SIZE: FRONT 4.00-10-4PR REAR 4.00-10-4PR	
TIRE BRAND	FRONT REAR
BRIDGESTONE	ML 17 ML 16
DUNLOP	F 11 K627B
MIN. RECOMMENDED TIRE CENTER TREAD DEPTH	
FRONT 1.5mm (0.06 in)	REAR 2.0mm (0.08 in)
Read Owner's Manual	
THIS SCOOTER IS EQUIPPED WITH TUBELESS TIRES.	

MAX. LOAD ON REAR CARRIER: 7kg (15lbs)

 **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 32) before you ride the scooter. 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.

6. 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 footrests.
7. Never leave your scooter unattended with the engine running.
8. 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

1. 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.
2. 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.
3. Do not wear loose clothing which could catch on the control levers, footrests or wheels.

MODIFICATIONS



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

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 335 lbs (150 kg). The combined weight of the rider, passenger, and cargo must not exceed this limit.

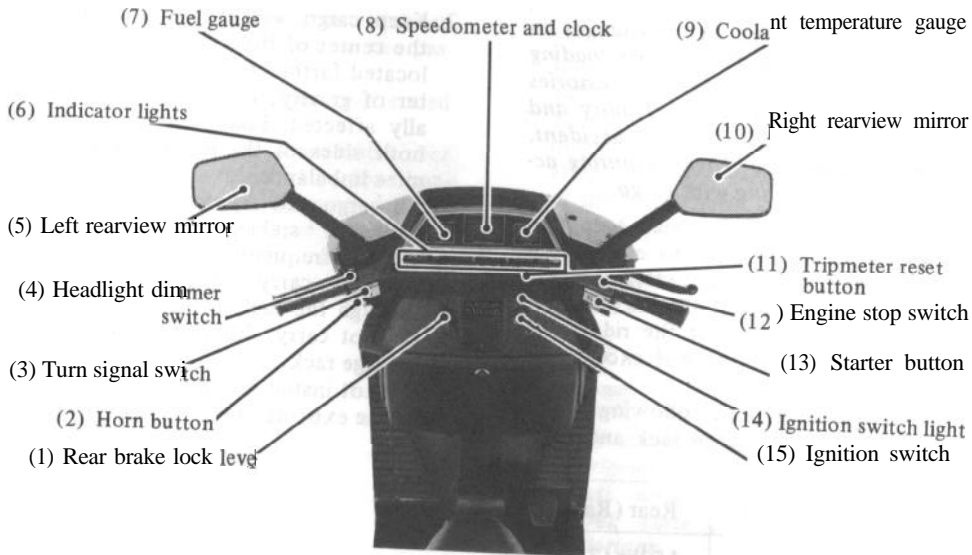
1. Do not exceed these following weight limits for the luggage rack and glove box.

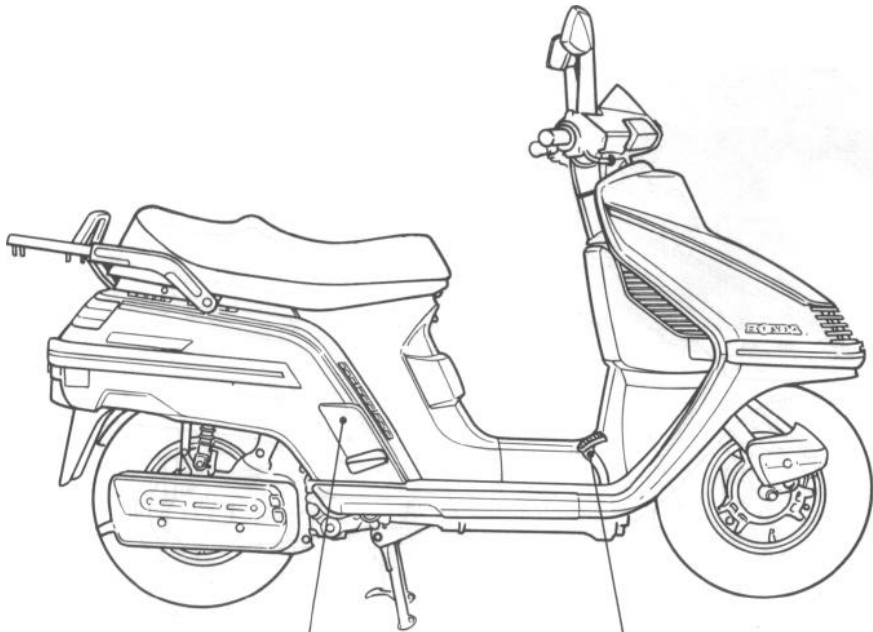
Front (Glove box)	Rear (Rack)
3 lbs (1.5 kg)	15 lbs (7 kg)

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.

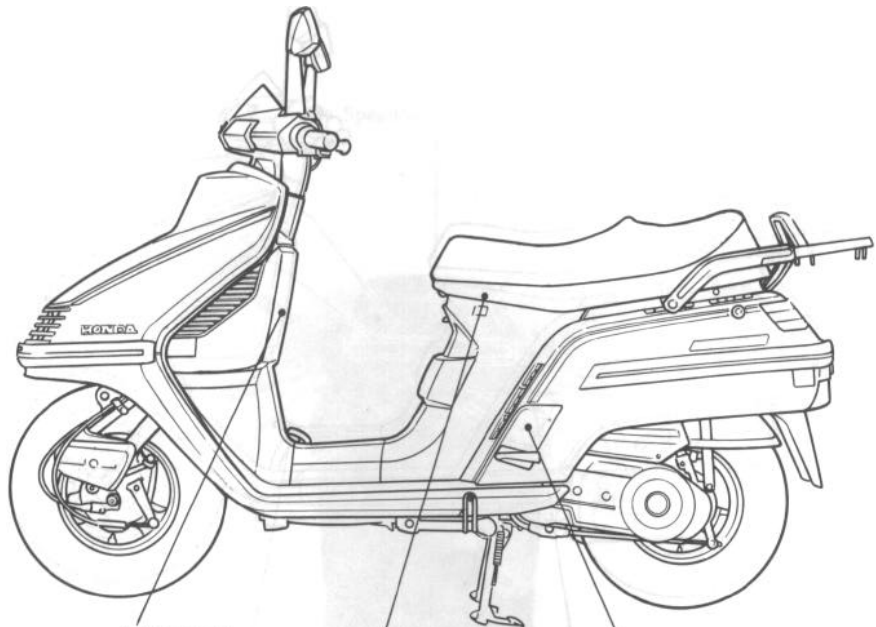
PARTS LOCATION





(1) Passenger footrest

(2) Rear brake pedal



(1) Glove box

(2) Helmet holder

(3) Passenger footrest

PARTS FUNCTION

Instrument and Indicators

The indicators are grouped between the handlebars.

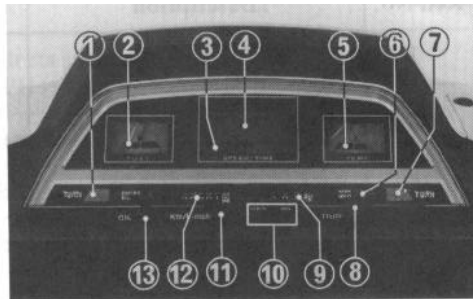
Their functions are described in the table on the following page.

USA model:

Odometer reads in miles.

Canadian model:

Odometer reads in kilometers.



- (1) Left turn signal indicator
- (2) Fuel gauge
- (3) Digital clock
- (4) Speedometer
- (5) Coolant temperature gauge
- (6) High beam indicator lamp
- (7) Right turn signal indicator
- (8) Tripmeter reset button
- (9) Tripmeter
- (10) Digital clock adjusting buttons
- (11) Speedometer (Km/h ↔ MPH) select button
- (12) Odometer
- (13) Maintenance indicator

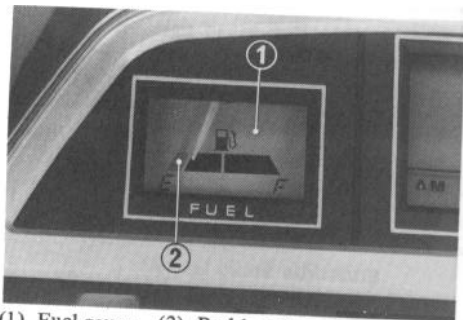
Ref. No.	Description	Function
	Left turn signal indicator	Flashes when the left turn signal operates.
2	Fuel gauge	Shows approximate fuel supply available (see page 12).
3	Digital clock	Shows the time (see page 14).
4	Speedometer	Shows riding speed (see page 12).
5	Coolant temperature gauge	Shows coolant temperature (see page 13).
6	High beam indicator	Lights when the headlight is on high beam.
7	Right turn signal indicator	Flashes when the right turn signal operates.
8	Tripmeter reset button	Press the button to reset tripmeter to zero
9	Tripmeter	Shows mileage per trip.
10	Digital clock adjusting buttons	Adjust the clock (see page 14).

Ref. No.	Description	Function
11	Speedometer (km/h MPH) select button	Selects speedometer readout in km/h or MPH (see page 12).
12	Odometer	Shows accumulated mileage.
13	Maintenance indicator	Shows approaching specified maintenance interval for engine oil change (see page 13).

Fuel Gauge

The fuel gauge shows the approximate fuel supply available. At F (Full) there are 8.0 liters (2.1 US gal., 1.7 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 2.0 liters (0.52 US gal., 0.44 Imp. gal.)

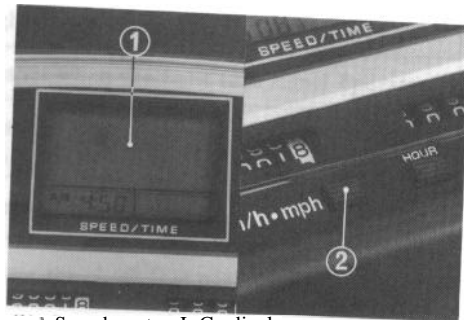


(1) Fuel gauge (2) Red band

Speedometer

The speedometer display (1) shows riding speed.

When the ignition switch is turned ON the display changes from 100 to 199 in increments of 11(111,122,133,144) until it shows Zero (0). The speedometer readout can be changed to show either MPH or km/h by pressing the display select button (2). The mode chosen will be displayed in the MPH km/h display.



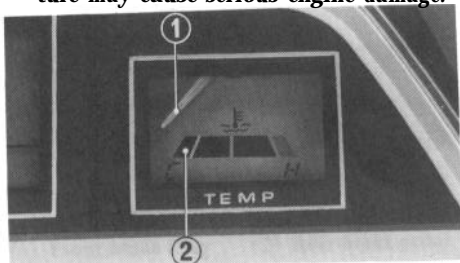
(1) Speedometer L.C. display
(2) Display select button

Coolant Temperature Gauge

When the needle (1) begins to move above the C (Cold) mark (2), the engine is warm enough to operate. The normal operating temperature range is within the zone between the C and H marks. If the needle reaches the H (Hot) mark, stop the engine and check the reserve tank coolant level. Read pages 16-17 and do not ride the scooter until the problem has been corrected.

CAUTION:

*** Exceeding maximum running temperature may cause serious engine damage.**



(1) Needle

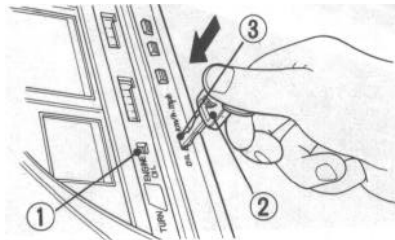
(2) C mark

Maintenance Indicator

When the mileage on your scooter approaches the specified maintenance interval to change oil change, the maintenance indicator (1) will change from green to red. After replacing the engine oil, reset the indicator by inserting the key (2) in the slot (3) below the indicator.

NOTE:

* The indicator changes from green to red after the scooter has been ridden about 1,200 miles. Therefore, after initial oil change (600 mile) has been made, be sure to reset the indicator so the next specified maintenance will be indicated at the proper mileage.



(1) Maintenance indicator

(3) Slot

(2) Key

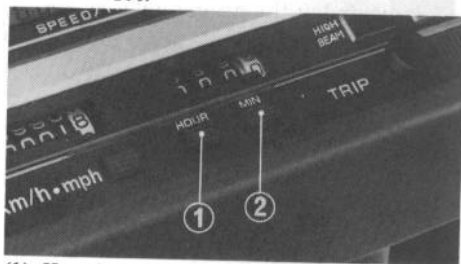
Digital Clock

The digital clock displays the time of day or night, and it has its own power source. To adjust time, proceed as follows:

Turn the ignition switch to the ON position.

Hour. .. Press the Hour button (1) until the correct hour is displayed. Be sure to select the AM or PM hour.

Minute. . Press the Min button (2) until the correct minute is displayed. The clock is now set.



(1) Hour button

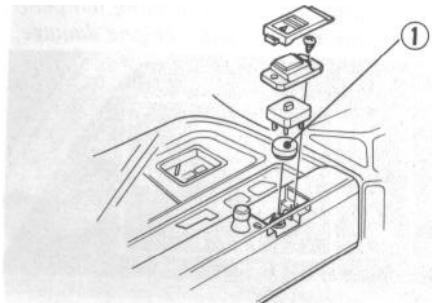
(2) Min button

Battery Replacement

The digital clock's battery compartment is located under the tripmeter reset button. Remove the cover and install a new battery in the compartment.

NOTE:

- * Do not reverse the battery polarity.
- * The battery is SR44 or LR44H oxidized silver dry battery.



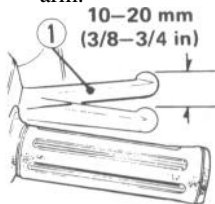
(1) Battery

MAJOR COMPONENTS (Information you need to operate this scooter)

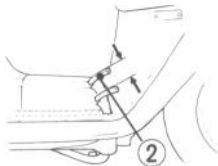
BRAKES

Adjustment:

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



(1) Front brake lever



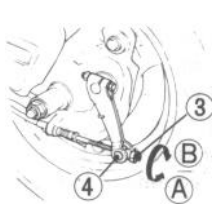
(2) Rear brake pedal

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

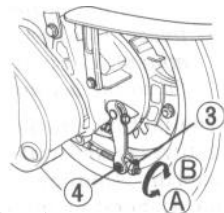
- Apply the brake several times and check for free wheel rotation when released.

NOTE:

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



(Front)
(3) Adjusting nut
(4) Arm pin



(Rear)
(A) Increases free play
(B) Decreases free play

COOLANT

Coolant Recommendation

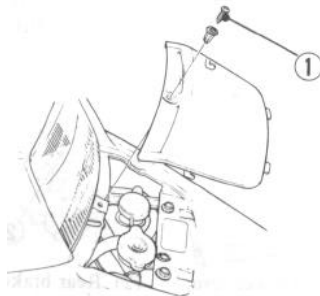
The owner must properly maintain the coolant to prevent freezing, overheating, and corrosion. Use only high quality ethylene glycol antifreeze containing corrosion protection inhibitors specifically recommended for use in aluminum engines. (SEE ANTIFREEZE CONTAINER LABEL).

CAUTION :

* Use only *low-mineral drinking water or distilled water as a part of the anti-freeze solution. Water that is high in mineral content or salt may be harmful to the aluminum engine.*

The factory provides a 50/50 solution of antifreeze and water in this scooter. This coolant solution is recommended for most operating temperatures and provides good corrosion protection. A higher concentration of antifreeze decreases the

cooling system performance and is recommended only when additional protection against freezing is needed. A concentration of less than 40/60 (40% antifreeze) will not provide proper corrosion protection. During freezing temperatures, check the cooling system frequently and add higher concentrations of antifreeze (up to a maximum of 60% antifreeze) if required.



(1) Screw

Inspection

Remove the screw (1) attaching the front cover.

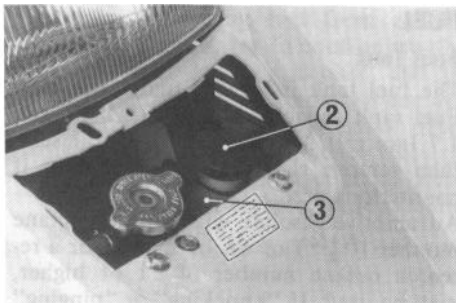
Raise the front cover.

Check the coolant level in the reserve tank (3) while the engine is at the normal operating temperature. If the coolant level is low, remove the reserve tank cap (2) and add coolant mixture until it reaches the UPPER level mark. Do not remove the radiator cap.

WARNING

- * ***Do not remove the radiator cap when the engine is hot. The coolant is under pressure and severe scalding could result.***
- * ***Keep hands and clothing away from the cooling fan, as it starts automatically.***

If the reserve tank is empty, or if coolant loss is excessive, check for leaks and see your authorized Honda scooter dealer for repair.



- (2) Reserve tank cap
- (3) Reserve tank

FUEL

Fuel Tank

The fuel tank is located under the seat. Fuel tank capacity is 8.0 ℓ (2.1 US gal, 1.7 Imp gal). Unlock and lift up the seat, then remove the fuel cap by turning it counterclockwise.

Automotive gasoline with a pump octane number (A₂) of 86 or higher, or a research octane number of 91 or higher, may be used. If “knocking” or “pinging” occurs, try a different brand of gasoline or a higher octane grade.

CAUTION:

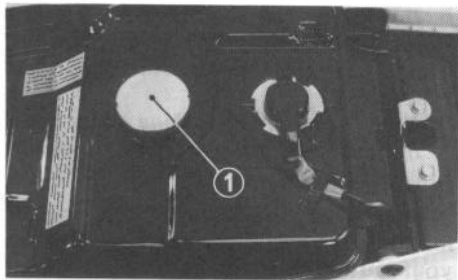
*** Should knocking or pinging persist while holding a steady speed on a level road, try changing brands of gasoline. If knocking or pinging still persists, consult your Honda dealer.**

After refueling, be sure to tighten the tank cap firmly by turning it clockwise.

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.



(1) Fuel cap

Gasolines Containing Alcohol

If you decide to use a gasoline containing alcohol (“gasohol”), be sure its octane rating is at least as high as the recommended. There are two types of “gasohol”: that containing ethanol, and that containing methanol. Do not use gasohol that contains more than 10% ethanol. Do not use gasoline containing methanol (methyl or wood alcohol) that does not also contain cosolvents and corrosion inhibitors for methanol. Never use gasoline containing more than 5% methanol even if it has cosolvents and corrosion inhibitors.

NOTE:

* Fuel system damage or vehicle performance problems resulting from the use of such fuels is not covered under new Scooter Warranties. Honda cannot endorse the use of fuels containing methanol since evidence of their suitability is as yet incomplete.

* Before purchasing fuel from an unfamiliar station, try to confirm whether the fuel contains alcohol, and to what percentage. If you notice any undesirable operating symptoms after using a gasoline that contains alcohol; or one that you think contains alcohol, switch to a higher octane gasoline as recommended.

ENGINE OIL LEVEL CHECK

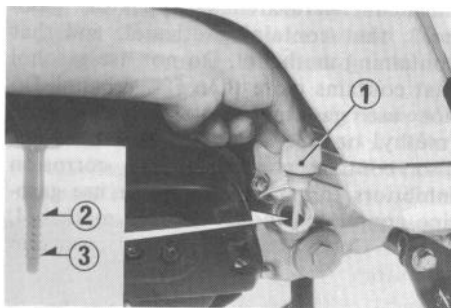
Check the engine oil level each day before riding the scooter.

The level must be maintained between the upper (2) and lower (3) level marks on the dipstick (1).

1. Start the engine and let it idle for a few minutes.
2. Stop the engine and put the scooter on its center stand on level ground.
3. Remove the oil filler cap/dipstick (1), wipe it clean, and reinsert the dipstick without screwing it in. The oil level should be between the upper (2) and lower (3) marks on the dipstick.
4. If required, add the specified oil up to the upper level mark. Do not overfill.
5. Replace the filler cap/dipstick. Check for oil leaks.

CAUTION :

*** Running the engine with insufficient oil can cause serious engine damage.**



- (1) Filler cap/dipstick (3) level mark
(2) Upper level mark

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 (page 2).

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.

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 scooter dealer for repair, and replacement.

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 Scooter Dealer.

WARNING

- * ***The use of tires other than those listed on the tire information label 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.***
- * ***Foreign object intrusion of tire face will reduce the performance of any tire. Subsequent repair may not restore original safety factor.***
- * ***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.***

BATTERY

It is not necessary to check battery electrolyte level or add distilled water as the battery is a sealed type. If any loss of electrolyte is experienced or if your battery seems to be weak, causing slow starting or other electrical troubles, see your authorized Honda dealer.

CAUTION

- * ***Do not attempt to remove the caps from the cells.***
- * ***When the scooter is to be stored for an extended period of time, remove the battery and charge it fully. Then store it in a cool, dry place. If the battery is to be left in the scooter, disconnect the negative cable from the battery terminal.***

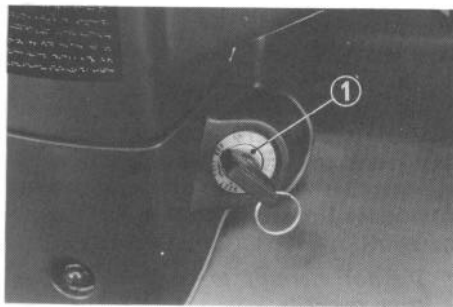
WARNING

- * ***Even though the battery is sealed, it still vents explosive gases. Do not allow open flames or sparks near the battery.***

ESSENTIAL INDIVIDUAL COMPONENTS

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, headlight and position lamp will be on and other lights can be operated. The engine can be started.	Key cannot be removed.

RIGHT HANDLEBAR CONTROLS

Engine Stop Switch

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

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

NOTE:

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

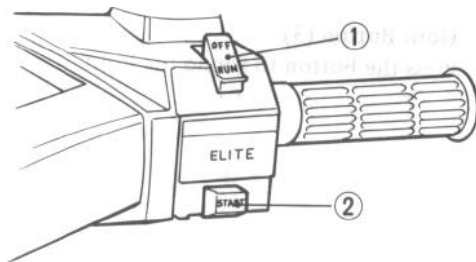
Starter Button

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 32 for the starting procedure.

NOTE:

* The electric starter will only work when the brake pedal is operated.



- (1) Engine stop switch
- (2) Starter button

LEFT HANDLEBAR CONTROLS

The three controls next to the left handle bar grip are:

Headlight Dimmer Switch (1)

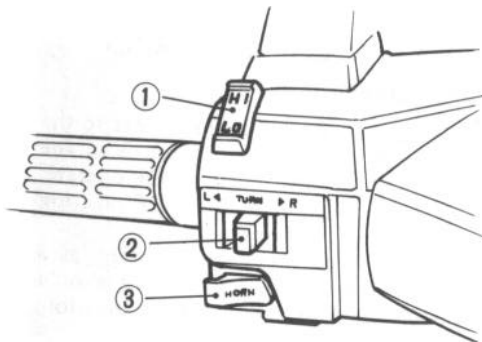
Select HI for high beam, LO for low beam.

Turn Signal Switch (2)

Move to L to signal a left turn, R to signal a right turn. Press to turn signal off.

Horn Button (3)

Press the button to sound the horn.



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

REAR BRAKE LOCK

Be sure to keep the rear brake lock is applied while starting and warming up the engine.

To apply the brake lock:

1. Depress the rear brake pedal.
2. While holding the rear brake pedal down, pull up on the rear brake lock lever (1).

NOTE:

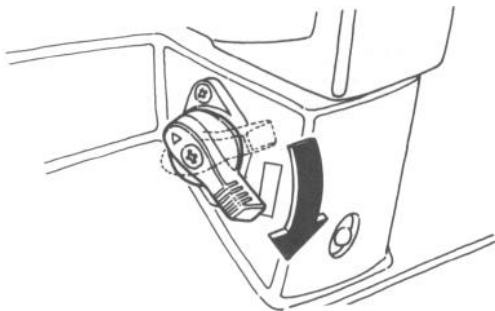
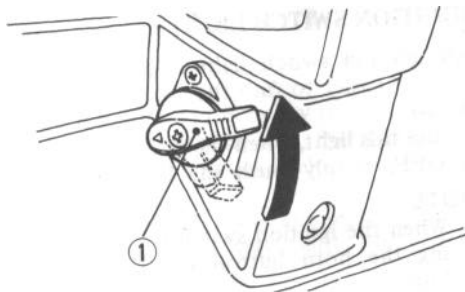
- * The rear brake lock will not be applied if the rear brake is not adjusted properly (page 15).

To release the brake lock:

1. Depress and hold the rear brake pedal.
2. Pull the lock lever down.

CAUTION :

- * ***Before riding, make sure that the rear brake is released fully and does not drag.***



<Release>

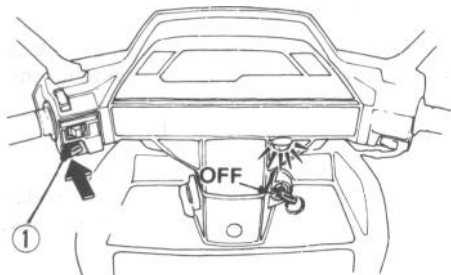
IGNITION SWITCH LIGHT

An ignition switch light is provided to make it easier to find the switch when it is dark.

To use this light, when the ignition switch is OFF, simply push the horn button.

NOTE:

* When the ignition switch is ON, pushing the horn button will sound the horn.



(1) Ignition switch light

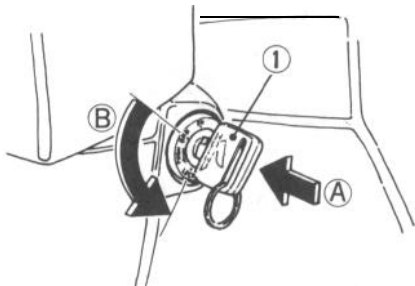
FEATURES (Not required for operation)

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.



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



(1) Ignition key

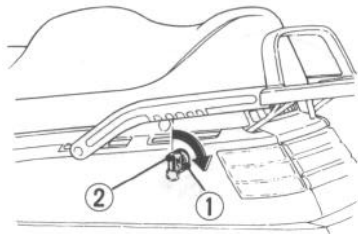
(A) Push in

(B) Turn to LOCK

SEAT LOCK

The seat lock (1) is below the left side of 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

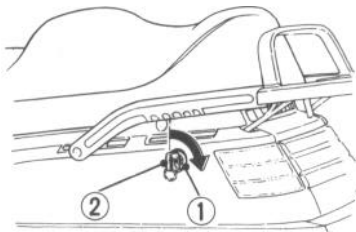
(2) Ignition key

HELMET HOLDER

The helmet holder (3) eliminates the need for carrying your helmet after parking your scooter.

This scooter has two helmet holders.

1. Insert the ignition key (2) 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.

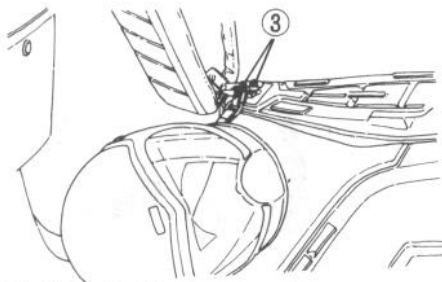


(1) Seat lock (2) Ignition key

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 the scooter is parked. Do not operate the scooter with a helmet attached to the holder.***



(3) Helmet holders

GLOVE BOX

Opening

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

Closing

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

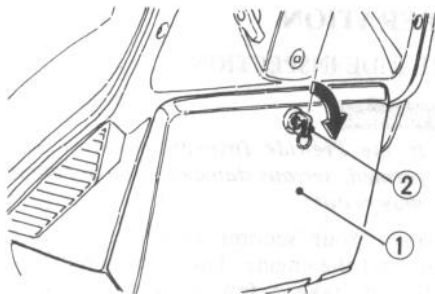


WARNING

- * *Do not operate the scooter with the glove box door open. Always keep both hands on the handlebars.*

NOTE:

- * Do not stow unsecured articles that weigh more than 1.5 kg (3 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

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 20).
Check for leaks.
2. Fuel level-fill the fuel tank when necessary (page 18). Check for leaks.
3. Coolant level-If required, add coolant. Check for leaks (page 16).
4. Front and rear brakes-check operation and if necessary, adjust free play (page 15).

5. Tires-check condition and pressure (page 21).
6. Throttle-check for smooth opening and closing in all steering positions.
7. Lights and horn-check that the headlight, tail/stoplight, turn signals, indicators and horn function properly.
8. Engine stop switch-check for proper function (page 25).

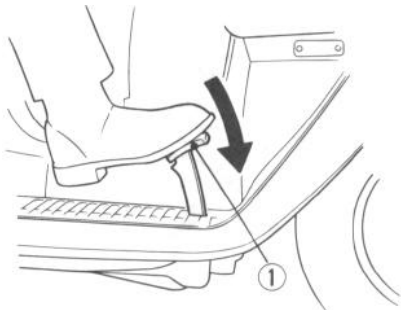
Correct any discrepancy before you ride. Contact your authorized Honda scooter dealer for assistance if you cannot correct the problem.

STARTING THE ENGINE

NOTE:

* This scooter has an automatic fuel valve and choke; there is no manual operation.

1. Place the scooter on its center stand.
2. Lock the rear wheel by depressing the rear brake pedal (1) and pulling the lock lever (2) up all the way.



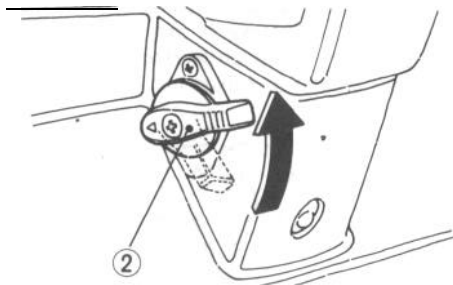
(1) Rear brake pedal

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 a spinning rear wheel could cause personal injury.



(2) Lock lever

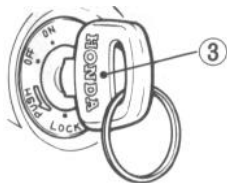
3. Make sure that the engine stop switch is at RUN.
4. Turn the ignition switch (3) to ON.

 **WARNING**

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

NOTE:

- * The speedometer L.C. display changes from 100 to 199 in increments of 11 (100, 111, 122, 133, 144 . . .) before it shows "0". Have it inspected and repaired by your authorized Honda Scooter Dealer if it does not show as such.

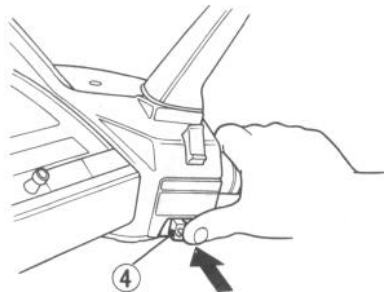


(3) Ignition switch

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

NOTE:

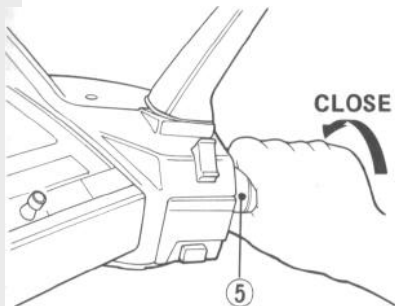
- * Do not use the electric starter for more than 5 seconds at a time. Release the starter button for approximately seconds before pressing it again.



(4) Starter button

NOTE:

- * If, after several attempts, you cannot restart a warm engine, hold the throttle 1/8-1/4 open while starting the engine.
- * 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.



(5) Throttle

6. Be sure to keep the throttle (5) closed and the rear brake pedal locked while starting and warming up the engine. Allow the engine to warm up before riding (See page 38 "RIDING").



 **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.*

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

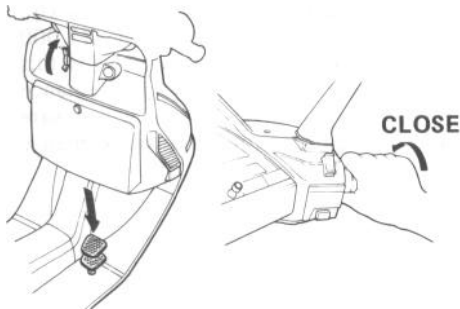
WARNING

- * *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, footrests, 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.*

1. 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.*



2. Once off the center stand, unlock the rear wheel releasing the rear brake lock (page 27).

NOTE:

- * Before riding, make sure that the rear brake is released completely and does not drag.

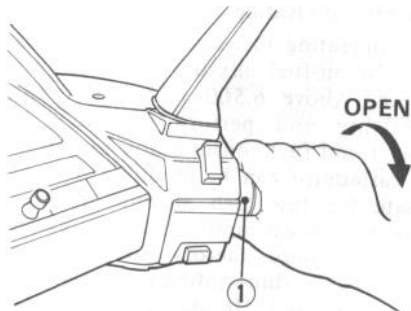
WARNING

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

3. To accelerate, open the throttle (1) gradually; to decelerate, close the throttle.

WARNING

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



(1) 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:

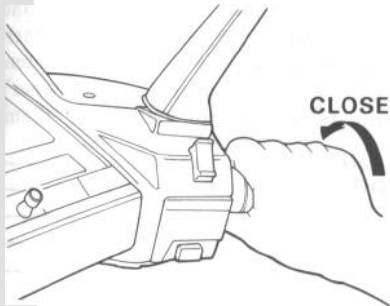
Sustained operation at altitudes below 5,000 feet (1,500 m) with high altitude carburetor modifications may cause engine overheating and damage.

BRAKING

When slowing down the scooter, coordination of the throttle and front and rear brakes 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.***

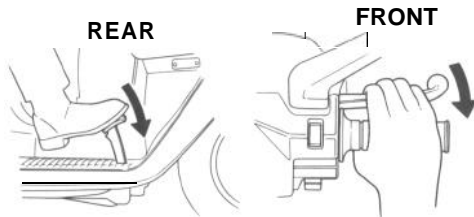


WARNING

- * ***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.***

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.***



Apply both the front and rear brakes.

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, levelground to prevent overturning.***

3. Lock the steering to help prevent theft (page 29).

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: _____

MAINTENANCE

- The U.S. Environmental Protection Agency and California Air Resources Board (CARB) require 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 System 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.

MAINTENANCE SCHEDULE

Perform the Pre-ride Inspection (Page 32) 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 3)							
				600 mi (1,000 km)	4,000 mi (6,400 km)	8,000 mi (12,800 km)	12,000 mi (19,200 km)	16,000 mi (25,600 km)	20,000 mi (32,000 km)	24,000 mi (38,400 km)	Refer to
EMISSION RELATED ITEMS	* FUEL LINE				I		I			I	
	* THROTTLE OPERATION				I		I			I	
	AIR CLEANER		NOTE (1)				R			R	Page 51
	CRANKCASE BREATHER		NOTE (2)		C	C	C	C	C	C	Page 53
	SPARK PLUG				R	R	R	R	R	R	Page 57
	* VALVE CLEARANCE			I	I	I	I	I	I	I	
	ENGINE OIL			R	Replace Every 1,250 mi (2,000 km)						Page 54
	* ENGINE OIL STRAINER SCREEN					C		C		C	Page 55
	* (CARBURETOR IDLE SPEED			I	I	I	I	I	I	I	
	* RADIATOR COOLANT		2 YEARS *R			I		I		*R	Page 16
	COOLING SYSTEM					I		I		I	
	* EVAPORATIVE EMISSION CONTROL SYSTEM		NOTE (3)			I	I	I		I	

ITEM	FREQUENCY	WHICHEVER+ COMES FIRST	ODOMETER READING (NOTE 4)								Refer to
			1	600 mi (1,000 km)	4,000 mi (6,400 km)	8,000 mi (12,800 km)	12,000 mi (19,200 km)	16,000 mi (25,600 km)	20,000 mi (32,000 km)	24,000 mi (38,400 km)	
			EVERY								
* TRANSMISSION OIL							R			R	--
* DRIVE BELT						I	R	I	I	R	--
BELT CASE AIR CLEANER		NOTE (1)		C	C	C	C	c	c		Page 52
BRAKE SHOE WEAR				I	I	I	I			I /	Page 59
BRAKE SYSTEM			I	I	I		I			I	--
BRAKE LOCK LEVER				I	I		I	I	I		--
BRAKE LIGHT SWITCH					I	I				I	--
STARTER LIMIT SWITCH											--
* HEADLIGHT AIM				I	I	I	I	I	I		--
** CLUTCH SHOE WEAR				I	I	I	I	I	I		--
SIDE STAND					I		I		I		Page 60
* SUSPENSION					I		I		I		--
* NUT, BOLT, FASTENER			I		I		I		I		--
** WHEEL					I		I		I		--
** STEERING HEAD BEARINGS			I		I		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 SHOP MANUAL.

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

NOTE: Service more frequently when riding in dusty areas.

(2) Service frequently when riding in rain or at full throttle.

(3) California type only.

For higher odometer reading, repeat at the frequency interval

here.

MAINTENANCE RECORD

Miles	Performed By	Odometer	Date
600			
4,000			
8,000			
12,000			
16,000			
20,000			
24,000			

- Make sure that whoever performs the maintenance completes this record. All scheduled maintenance including the 600 mile (1,000 km) 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.

TOOLKIT

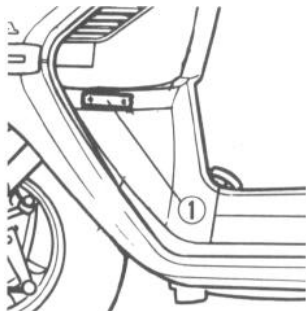
The tool kit is in the storage compartment in the glove box. Some roadside repairs, minor adjustments and part replacement can be performed with the tools contained in the kit.

- 10x 12 Spanner
- No. 1 Screwdriver
- No. 2 Screwdriver
- No. 3 Screwdriver
- No. 5 Screwdriver
- 18.5 x 17 mm Box wrench
- Tool bag

SERIAL NUMBERS

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

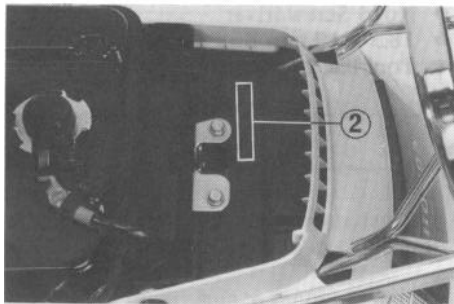
VIN. _____



(1) VIN

The VIN, Vehicle Identification Number (1), is on the Safety Certification label, which is attached to left front cover. The frame serial number (2) is stamped on the rear of fuel tank under the seat. tank under the seat.

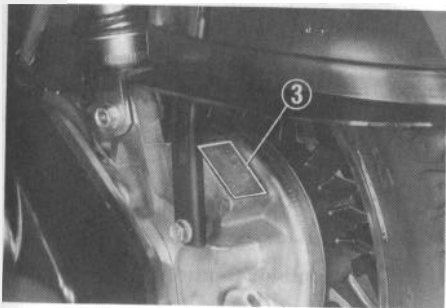
FRAME NO. _____



(2) Frame serial number

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

ENGINE NO. _____



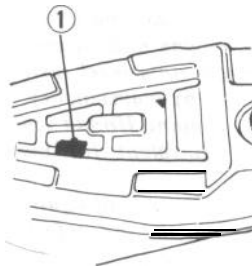
(3) Engine serial number

COLOR LABEL

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

COLOR _____

CODE _____



(1) Color label

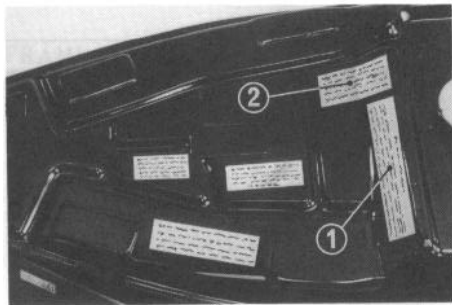
MAINTENANCE PRECAUTIONS

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 below the seat. (USA ONLY)

The Vacuum Hose Routing Diagram Label (2) is located below the seat. (CALIFORNIA ONLY)

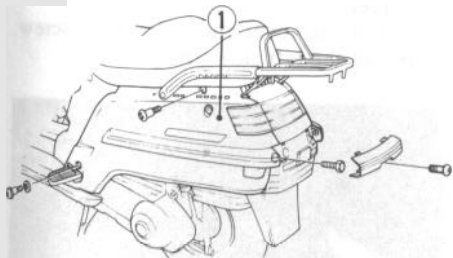


- (1) Vehicle Emission Control Information Label
- (2) Vacuum Hose Routing Diagram Label (California only)

AIR CLEANER

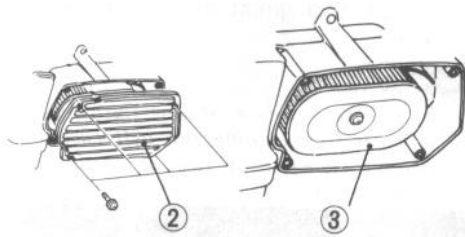
The air cleaner should be serviced at regular intervals (page 44).

1. Remove the rear protector by removing the screw.
2. Remove the left rear side cover (1) by removing the screws.



(1) Left rear side cover

3. Remove the air cleaner cover (2) by removing the screws.
4. Remove the air cleaner element (3) by removing the screw and replace it with a new one.
5. Reinstall the removed parts in the reverse order of removal.



(2) Air cleaner cover

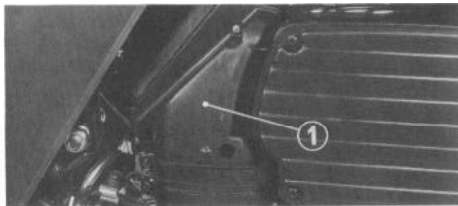
(3) Air cleaner element

BELT CASE AIR CLEANER

1. Remove the left side rear cover from the frame.
2. Loosen the air cleaner duct band screw, and remove the cover (1).
3. Remove element (2).
4. Clean the element in non-flammable or high flash point solvent and allow to dry.

WARNING

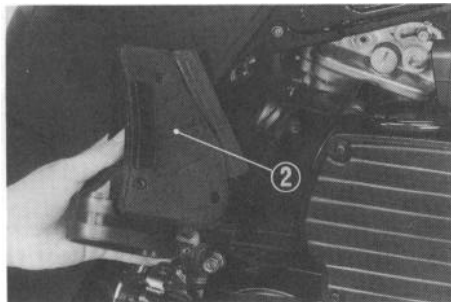
* **Never use gasoline or low flash point solvents for cleaning the belt case air cleaner element. A fire or explosion could result.**



(1) Cover

CAUTION:

- * Allow **the element to dry thoroughly before installation.**
 - * **Do not apply oil to the element, damage to the drive belt will occur.**
5. Install the filter element and element holder.
 6. Install the cover and tighten the screw.
 7. Install the left side cover.



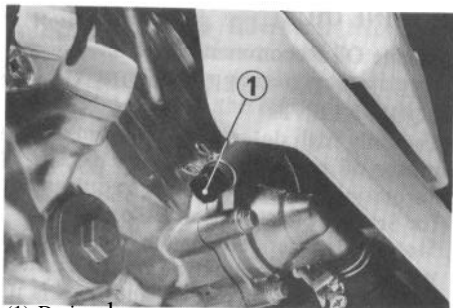
(2) element

CRANKCASEBREATHER

1. Remove the drain plug (1) from the drain tube to empty any deposits.
2. Install the drain plug.

NOTE:

* Service more frequently when riding in rain or at full throttle.



(1) Drain plug

ENGINE OIL

Engine Oil Recommendation

USE HONDA 4-STROKE OIL OR AN EQUIVALENT.

Use only high detergent, premium quality motor oil certified to meet or exceed US automobile manufacturers' requirements for Service Classification SE or SF.

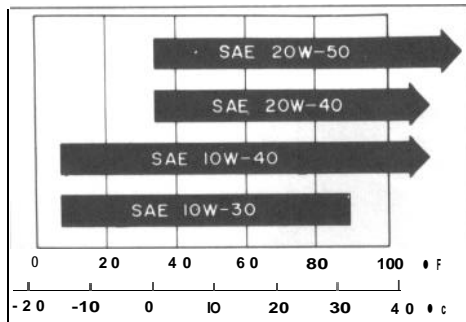
Motor oils intended for Service SE or SF will show this designation on the container. The use of special oil additives is unnecessary and will only increase operating expenses.

CAUTION:

**** Engine oil is a major factor affecting the performance and service life of the engine. Non-detergent, vegetable, or castor based racing oils, are not recommended.***

Recommended Oil Viscosity SAE 10w-40

Other viscosities shown in the chart below may be used when the average temperature in your riding area is within the indicated range.

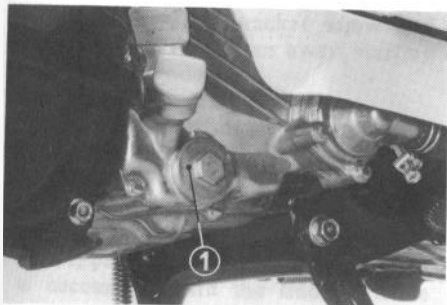


Engine Oil and Filter Screen

Engine oil quality is a chief factor affecting engine service life. Change the engine oil when specified by the maintenance schedule.

NOTE:

* Change the engine oil with the engine warm and the scooter on its center stand to assure complete and rapid draining.

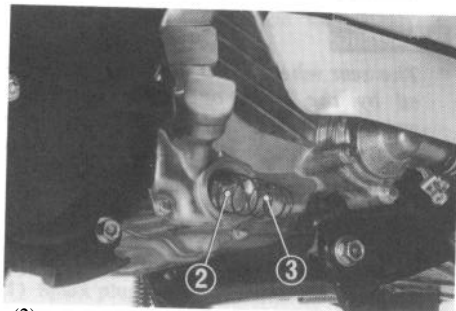


(1) Oil drain plug

1. Remove the oil filler cap from the right crankcase cover.
2. Place an oil drain pan under the crankcase and remove the oil drain plug (1).

NOTE:

* **The oil filter screen (2) and spring (3)** will come out when the drain plug is removed.



(2) Oil filter screen (3) Spring

3. Clean the oil filter screen (2).
4. Check that the oil filter screen, sealing rubber and drain plug O-ring are in good condition.
5. Install the oil filter screen, spring and drain plug.
Torque: 18-22 N-m
(1.8-2.2 kg-m, 13-16 ft-lb)
6. Fill the crankcase with approximately 0.8 ℓ (0.84 US qt.) of recommended oil (page 54).
7. Start the engine and let it idle a few minutes.

 WARNING

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

8. Stop the engine and check that the oil level is at the upper mark on the dipstick with the scooter on its center stand.
Check that there are no oil leaks.

SPARK PLUG

Recommended plugs:

Standard:

DPR6EA-9 (NGK) or
X20EPR-U9 (ND)

For cold climate (Below 5°C | 41°F):

DPRSEA-9 (NGK) or
X16EPR-U9 (ND)

For extended high speed riding:

DPR7EA-9 (NGK) or
X22EPR-U9 (ND)

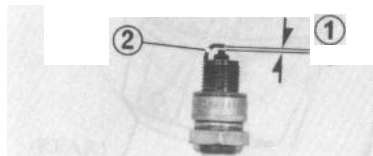
1. Remove the left side cover by unscrewing the rear bracket screw and gently pulling the cover away, starting from the rear edge.
2. Disconnect the spark plug cap.
3. Clean any dirt from around the spark plug base. Remove and discard the spark plug.
4. Make sure the spark plug gap (1) is 0.8-0.9 mm (0.031-0.035 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

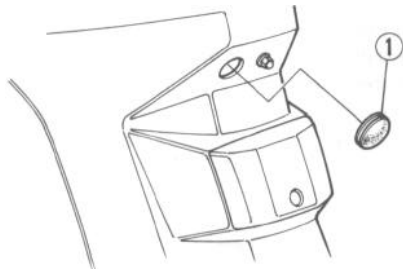
IDLE SPEED

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. Remove the rubber cap (1).



(1) Rubber cap

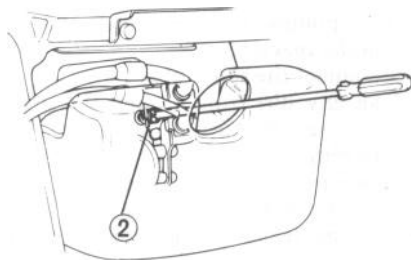
2. Warm up the engine and place the scooter on its center stand.

WARNING

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

- 3 Adjust idle speed with the throttle stop screw (2).

IDLE SPEED: 1,500 \pm 100 rpm.



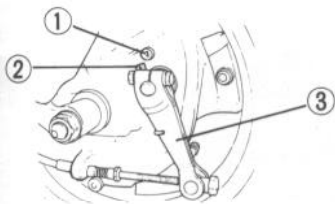
(2) Throttle stop screw

BRAKE SHOE WEAR

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

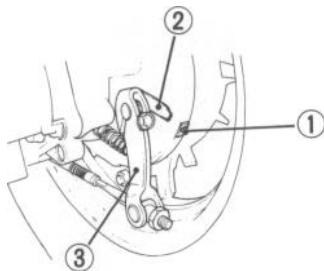
(2) Arrow

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.

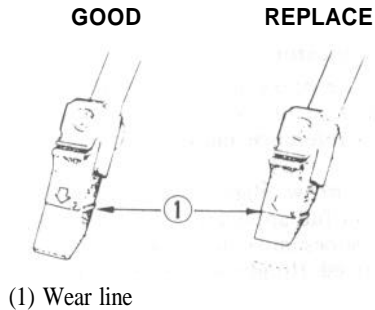


(REAR)

(3) Brake arm

SIDE STAND

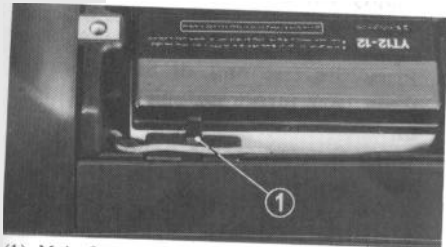
Check the rubber pad for deterioration and wear. Replace if wear extends to the wear line (1) as shown. Check the side stand spring for damage and loss of tension, and the side stand assembly for freedom of movement. See your authorized Honda scooter dealer for replacement.



FUSE REPLACEMENT

The main fuse (1) is near the battery. The specified fuse is 20A.

The fuse box (2) is inside the glove box. The specified fuses are 10A and a 5A. 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.



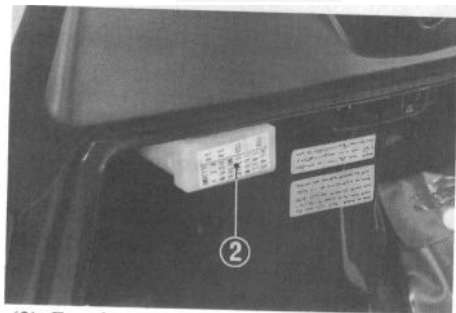
(1) Main fuse

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.***

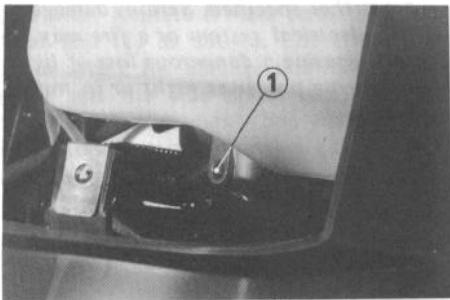
CAUTION:

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



(2) Fuse box

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 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 center 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.

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:***

<i>Wheel Hubs</i>	<i>Ignition Switch</i>
<i>Muffler Outlet</i>	<i>Handlebar Switches</i>
<i>Under Seat</i>	<i>Glove Box</i>

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.



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

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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. Change the engine oil and clean the filter screen.
2. Make sure the cooling system is filled with a 50/50% antifreeze solution.
3. 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.***
4. Remove the spark plug and pour a tablespoon (15-20 cc) of clean engine oil into the cylinder. Crank the engine several times to distribute the oil, then reinstall the spark plug.

NOTE:

- * When turning the engine over, the Engine Stop Switch should be OFF and the spark plug placed in its cable cap and grounded to prevent damage to the ignition system.

5. Remove the battery. Store in an area protected from freezing temperatures and direct sunlight.
6. Wash and dry the scooter. Wax all painted surfaces. Coat chrome with rust-inhibiting oil.
7. Inflate the tires to their recommended pressures. Place the scooter on blocks to raise both tires off the ground.
8. 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.
Change the engine oil if more than 4 months have passed since the start of storage.
2. 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 32).
Test ride the scooter at low speeds in a safe riding area away from traffic.

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SPECIFICATIONS

DIMENSIONS

Overall length	1,920 mm (75.6 in)
Overall width	715 mm (28.1 in)
Overall height	1,115 mm (43.9 in)
Wheel base	1,255 mm (49.4 in)
Ground clearance	125 mm (4.9 in)

WEIGHT

Dry weight	122 kg (269 lbs)
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CAPACITIES

Engine oil	1.0 ℓ (1.1 US qt.) After disassembly
Fuel tank	8.0 ℓ (2.1 US gal.)
Cooling system capacity	1.0 ℓ (1.1)
Passenger capacity load	Operator and one passenger
Vehicle capacity load	150 kg (335 lbs)

ENGINE

Bore and stroke	72 × 60 mm (2.83 × 2.36 in)
Compression ratio	9.8 ± 1
Displacement	244 cc (14.9 cu.in)
Spark plug	
Standard	X20EPR-U9 (ND) DPR6EA-9 (NGK)
For cold climate (Below 5°C 41°F)	X16EPR-U9 (ND) DPRSEA-9 (NGK)
For extended high speed riding	X22EPR-U9 (ND) DPR7EA-9 (NGK)
Spark plug gap	0.8-0.9 mm (0.032-0.035 in)
Idle speed	1,500 ± 100 rpm

CHASSIS AND SUSPENSION

Caster	27°00'
Trail	79 mm (3.1 in)
Tire size, front	4.00-10-4PR
Tire size, rear	4.00-10-4PR

ELECTRICAL

Battery	12V-12Ah
Alternator	A.C. Generator

POWER TRANSMISSION

Primary reduction	1.00
Final reduction	1.00

LIGHTS

Headlight	12v-60/55W
Tail/stoplight	12V-8/27W
Turn signal light	12V-23W
Instrument lights	12V-3.4W
Turn signal indicator light	12V-3W
High beam indicator light	12v-

FUSE

20A, 10A, 5A

/CONSUMER INFORMATION (USA ONLY)

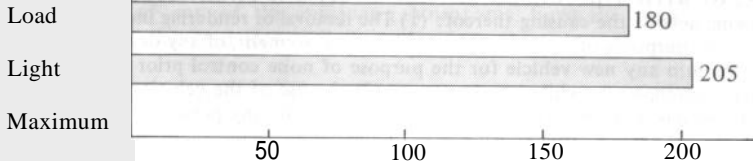
VEHICLE STOPPING DISTANCE

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 drivers 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: CH250 ELITE 250

Fully Operational Service Brake



Stopping Distance in Feet from 60 mph.*

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

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. The exhaust emission control system is separate from the crankcase emission control system.

- 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.

- **Evaporative Emission Control System (California only)**
This motorcycle complies with the California Air Resources Board (CARB) requirements for evaporative emission regulations. Fuel vapor from the fuel tank is directed into the charcoal canister where it is absorbed and stored while the engine is stopped. When the engine is running, fuel vapor in the charcoal canister is drawn into the engine through the carburetor.
- **Crankcase Emission Control System**
The engine is equipped with a closed crankcase system to prevent discharging crankcase emissions into the atmosphere. Blow-by gas is returned to the combustion chamber through the air cleaner and the carburetor.
- **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

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 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.

Regional Office Location

NORTHWEST REGIONAL OFFICE

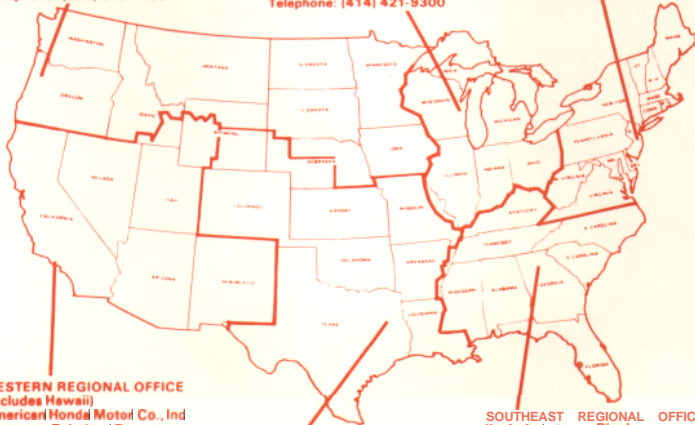
(includes Alaska)
American Honda Motor Co., Inc.
Customer Relations Department
P.O. Box 30285
Portland, Oregon 97220
Telephone: (503) 255-1186

MIDWEST REGIONAL OFFICE

American Honda Motor Co., Inc.
Customer Relations Department
P.O. Box 22
Greendale, Wisconsin 53129
Telephone: (414) 421-9300

NORTHEAST REGIONAL OFFICE

American Honda Motor Co., Inc.
Customer Relations Department
P.O. Box 749
Moorestown, New Jersey 08057
Telephone: (609) 778-1100



WESTERN REGIONAL OFFICE

(includes Hawaii)
American Honda Motor Co., Inc.
Customer Relations Department
P.O. Box 420
Gardena, California 90247
Telephone: (213) 604-2524

SOUTHWEST REGIONAL OFFICE

American Honda Motor Co. Inc.
Customer Relations Department
P.O. Box 5406
Irving, Texas 75062
Telephone: (214) 258-6883

SOUTHEAST REGIONAL OFFICE

(includes Puerto Rico)
American Honda Motor Co. Inc.
Customer Relations Department
1500 Morrison Parkway
Alpharetta, Georgia 30201
Telephone: (404) 442-2000