

Dio SR

SK50M OWNER'S MANUAL

IMPORTANT NOTICE

OPERATOR ONLY. NO PASSENGER

- This scooter is designed and constructed as an operator-only model. The seating configuration does not safely permit the carrying of a passenger. Do not exceed the maximum weight capacity shown on the accessories and loading 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 death if instructions are not followed.

CAUTION:

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

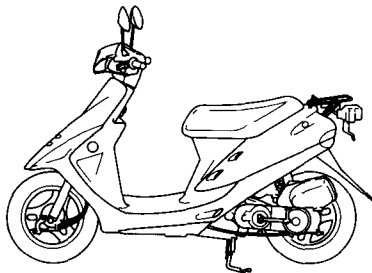
NOTE:

Gives helpful information.

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

**HONDA SK50M
Dio SR
OWNER'S MANUAL**

1997



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WELCOME

Thank you for purchasing this Honda scooter, and welcome to the family of Honda scooter riders. To enjoy safer and more pleasant riding, become thoroughly familiar with this owner's manual **BEFORE YOU RIDE THE SCOOTER**. 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.

When regular maintenance or repairs are 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 Honda dealer can supply you with an official Honda Service Manual to help you perform many maintenance and repair tasks.

Pleasant riding, and thank you for choosing a Honda.

- The illustrations and photos herein are based on the CM type.
- Following codes in this manual indicate each country.

CM	Canada
U	Australia

- The specifications may vary with each locale.

OPERATION

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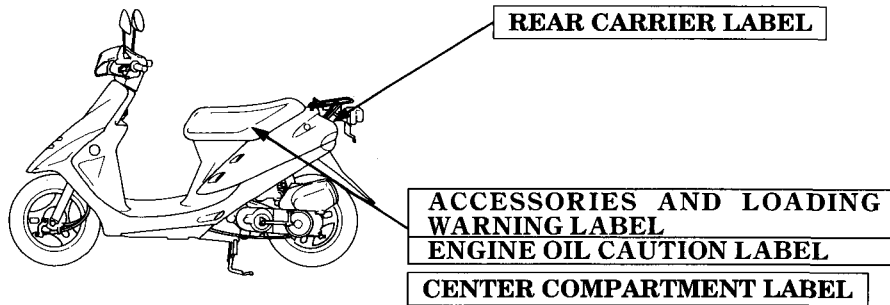
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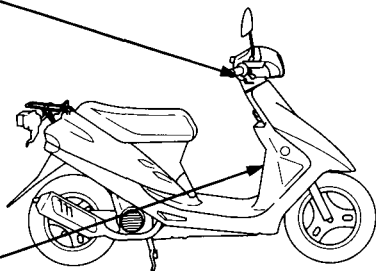
SCOOTER SAFETY

Read these WARNING LABELS before you ride.



OPERATOR WARNING LABEL

TIRE INFORMATION LABEL



▲ WARNING

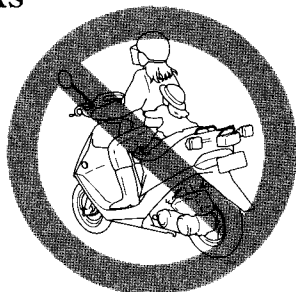
*** Scooter riding requires special efforts on your part to ensure your safety. Know these requirements before you ride:**

2. This scooter has been designed and constructed as an operator-only model. There are no provisions for carrying passengers safely. Vehicle stability and control may be severely affected. Never carry passengers.

SAFE RIDING RULES

1. Always make a pre-ride inspection (page 35) and perform any needed adjustments or repairs before you ride the scooter. You may prevent an accident or equipment damage.

NO PASSENGERS



3. 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.
4. 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."
5. 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 to alert other motorists of your intentions.
6. Don't let other motorists surprise you. Use extra caution at intersections, parking lot entrances and exits, and driveways.
7. This scooter is designed for speeds up to 38 mph. Check local and state laws limiting operation. Riding on roads where other vehicles are traveling at greater rates of speed is not advisable. If you must ride in these conditions, be especially alert.
8. Keep both hands on the handlebars and both feet on the floor boards while riding.
9. Never leave your scooter unattended with the engine running.

10. 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.

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.**

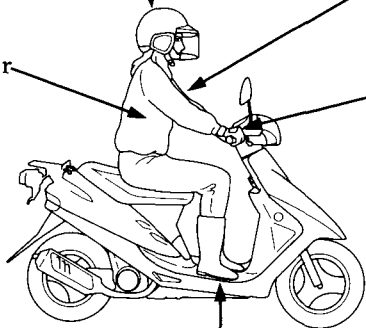
PROTECTIVE APPAREL

ALWAYS wear a helmet.
You should also wear a face shield or goggles.

Clothes should be close-fitting.

Wear bright or reflective clothing.

Wear gloves.



Shoes should be close-fitting, have low heels and offer ankle protection.

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.

1. The combined weight of the rider, cargo, and all accessories must not exceed the maximum weight capacity: 91 kg (200 lbs)
2. Do not install another fairing or modify the existing one.
3. Do not carry items that protrude through the rack or block the taillight.
4. Do not carry pets on either carrier.

5. Keep cargo weight low and close to the center of the scooter. As weight is located farther from the center of gravity, handling is proportionally affected. Load weight equally to minimize imbalance.
6. When the optional front basket is installed, be sure that loaded parcels do not protrude from the basket, since the parcels may interfere with the steering or headlight.



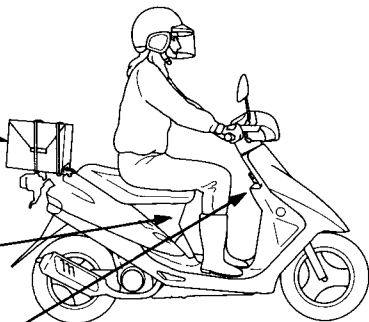
Overloading the scooter will adversely affect stability and handling.

Be sure all cargo is secure before riding.

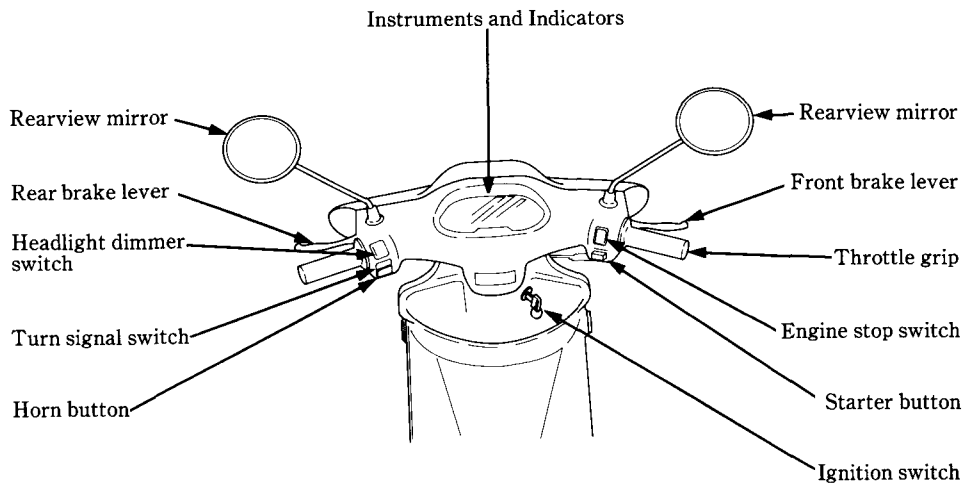
Rear carrier:
never exceed the maximum
weight limit:
3 kg (6.6 lbs)

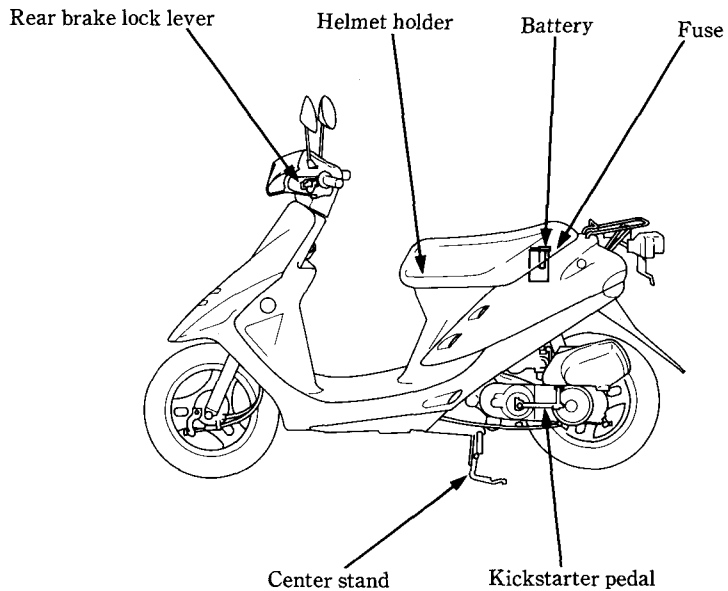
Center compartment:
never exceed the maximum
weight limit:
10 kg (22 lbs)

Hook and Inner Rack:
never exceed the maximum weight
limit:
1.5 kg (3 lbs)



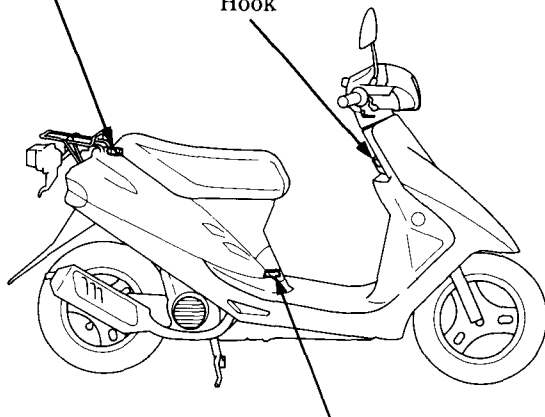
PARTS LOCATION





Engine oil tank cap

Hook



Fuel fill cap

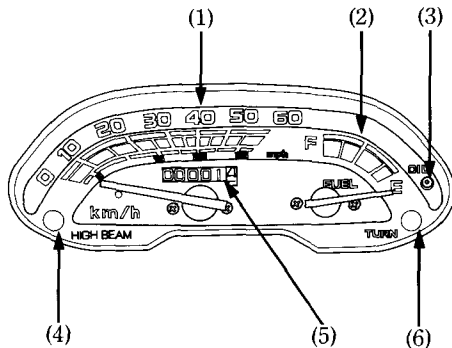
PARTS FUNCTION

Instruments and Indicators

The indicators are grouped between the handlebars.

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

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



(Ref. No.) Description	Function
(1) Speedometer	Shows riding speed.
(2) Fuel gauge	Shows approximate fuel supply available (see page 15).
(3) Low oil level indicator (red)	Lights when oil level is low (see page 16).
(4) High beam indicator	Lights when the headlight is on high beam.
(5) Odometer	Shows accumulated mileage.
(6) Turn signal indicator	Flashes when either turn signal is operated.

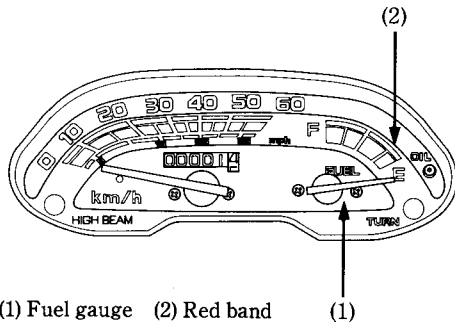
Fuel Gauge

The fuel gauge (1) shows the approximate fuel supply available. At F (Full), the fuel tank capacity including reserve is:

5.0 ℓ (1.32 US gal, 1.10 Imp gal)

When the gauge needle enters the red band (2), fuel will be below 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:

1.2 ℓ (0.32 US gal, 0.26 Imp gal)



(1) Fuel gauge (2) Red band

(1)

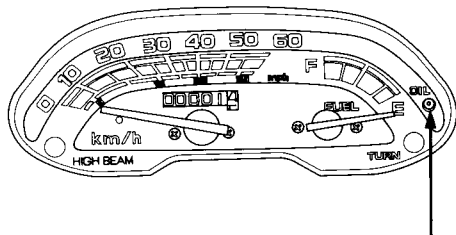
Low Oil Level Indicator

The low oil level indicator (1) lights when the 2-stroke engine oil level is below approximately:

0.2 ℓ (0.2 US qt, 0.2 Imp qt)

▲WARNING

- * If the low oil level indicator comes on while riding, stop riding and shut the engine off. Fill the oil tank to the UPPER LEVEL mark with the recommended oil (see page 24). Continuing to ride with a low oil level may lead to engine failure that could result in an accident.



(1) Low oil level indicator

MAJOR COMPONENTS (Information you need to operate this scooter)

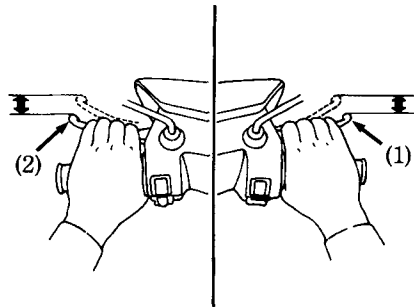
▲ WARNING

- * If the Pre-ride Inspection (page 35) is not performed, severe personal injury or vehicle damage may result.

BRAKES

Adjustment

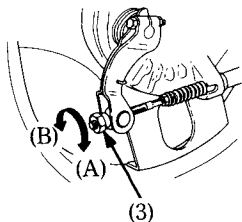
1. Measure the distance the front brake lever (1) and the rear brake lever (2) move before each brake starts to take hold. Free play at the tips of the brake levers should be:
10–20 mm



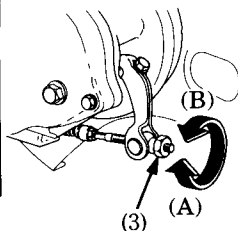
- (1) Front brake lever
(2) Rear brake lever

2. Make free play adjustments by turning the adjusting nut (3) at the brake arm.

Front



Rear

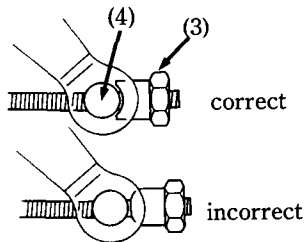


(3) Adjusting nut

(A) Decrease free play

(B) Increase free play

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



(3) Adjusting nut (4) Arm pin

3. Apply each brake several times and check for free wheel rotation after the brake lever is released.

NOTE:

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

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.

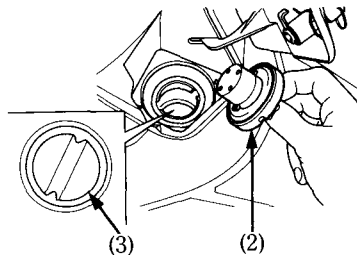
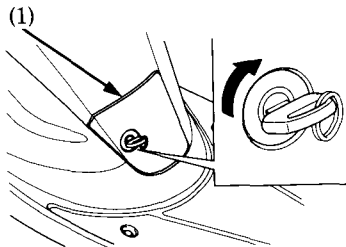
FUEL

Fuel Tank

The fuel tank is located under the step board. Unlock and open the fuel tank lid (1) with the ignition key, then remove the fuel fill cap (2) by turning it counterclockwise. Fuel tank capacity is:

5.0 l (1.32 US gal, 1.10 Imp gal)

Install the fuel fill cap by turning it clockwise. Make sure to lock the fuel tank lid securely after filling.



(1) Fuel tank lid (2) Fuel fill cap (3) Filler neck

Your engine is designed to use any gasoline that has a pump octane number of 86 or higher. Gasoline pumps at service stations normally display the pump octane number. We recommend that you use unleaded fuel because it produces fewer engine and spark plug deposits and extends the life of exhaust system components.

Never use stale or contaminated gasoline or an oil/gasoline mixture. Avoid getting dirt, dust or water in the fuel tank. Use of a lower octane gasoline can cause persistent “pinging” or heavy “spark knock” (a metallic rapping noise) which, if severe, can lead to engine damage.

FOR AUSTRALIA ONLY:

Use unleaded petrol with a research octane number of 91 or higher.

CAUTION:

- * If “spark knock” or “pinging” occurs at a steady engine speed under normal load, change brands of gasoline. If spark knock or pinging persists, consult your authorized Honda dealer. Failure to do so is considered misuse, and damage caused by misuse is not covered by Honda’s Limited Warranty.

Occasionally you may experience light spark knock while operating under heavy loads. This is no cause for concern, it simply means your engine is operating efficiently.

▲ 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 gasoline is stored or where the fuel tank is refueled.
- * Do not overfill the tank (there should be no fuel in the filler neck (3). After refueling, make sure the fuel fill cap is closed securely.
- * Be careful not to spill fuel when refueling. Spilled fuel or fuel vapor may ignite. If any fuel is spilled, make sure the area is dry before starting the engine.
- * Avoid repeated or prolonged contact with skin or breathing of vapor. **KEEP OUT OF REACH OF CHILDREN.**

Oxygenated Fuels

Some conventional gasolines are being blended with alcohol or an ether compound. These gasolines are collectively referred to as oxygenated fuels. To meet clean air standards, some areas of the United States and Canada use oxygenated fuels to help reduce emissions.

If you use an oxygenated fuel, be sure it is unleaded and meets the minimum octane rating requirement.

Before using an oxygenated fuel, try to confirm the fuel's contents. Some states/provinces require this information to be posted on the pump.

The following are the EPA approved percentages of oxygenates:

ETHANOL (ethyl or grain alcohol) 10% by Volume

You may use gasoline containing up to 10% ethanol by volume. Gasoline containing ethanol may be marketed under the name "Gasohol".

MTBE (Methyl Tertiary Butyl Ether) 15% by Volume

You may use gasoline containing up to 15% MTBE by volume.

METHANOL (methyl or wood alcohol) 5% by Volume

You may use gasoline containing up to 5% methanol by volume as long as it also contains cosolvents and corrosion inhibitors to protect the fuel system. Gasoline containing more than 5% methanol by volume may cause starting and/or performance problems. It may also damage metal, rubber, and plastic parts of your fuel system.

If you notice any undesirable operating symptoms, try another service station or switch to another brand of gasoline.

Fuel system damage or performance problems resulting from the use of an oxygenated fuel containing more than the percentages of oxygenates mentioned above are not covered under warranty.

ENGINE OIL

Oil Level

When the low oil level indicator lights, it means the oil level in the oil tank is low; stop the engine and fill the oil tank as soon as possible.

▲WARNING

- * If the low oil level indicator comes on while riding, stop riding and shut the engine off. Fill the oil tank to the UPPER LEVEL mark with the recommended oil (see page 24). Continuing to ride with a low oil level may lead to engine failure that could result in an accident.

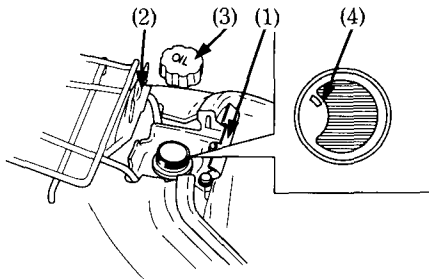
CAUTION:

- * If the engine has been run after the oil indicator light has come on, 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.

To fill, lift the seat, lift the oil tank lid (1), (2) remove the cap (3) from the oil tank, and fill with the recommended oil up to the UPPER LEVEL mark (4).

Capacity:

1.2 ℓ (1.2 US qt, 1.0 Imp qt)



- (1), (2) Oil tank lid
(3) Oil tank cap (4) UPPER LEVEL mark

Oil Recommendation:

USE HONDA 2-STROKE OIL OR AN 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.

NOTE:

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

TIRES

Maintaining proper tire pressure will provide maximum traction, stability, riding comfort and tire life.

See your authorized Honda scooter dealer for repair or replacement of tires.

Tire Pressure Check

Check tire pressures frequently with a tire pressure gauge and adjust if necessary.

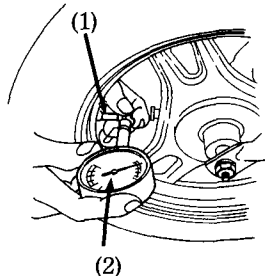
NOTE:

- * Tire pressure should be checked before you ride, while the tires are "cold."

▲ 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 causing tire deflation that may result in a loss of vehicle control.

Tire Pressure	Front	125 kPa (1.25 kg/cm ² , 18 psi)
	Rear	200 kPa (2.00 kg/cm ² , 29 psi)
MAXIMUM WEIGHT CAPACITY 91 kg (200 lbs)		
TIRE SIZE Front: 3.00—10 42J Rear: 3.00—10 42J		
TIRE BRAND	Front	Rear
BRIDGESTONE	ML31	ML32
DUNLOP	K378F	K378
IRC	MB48	MB47
IRC	MBR710	MBR710



(1) Tire valve

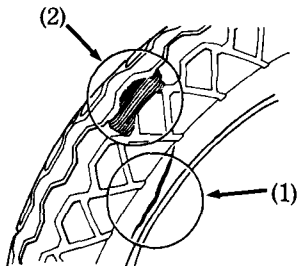
(2) Tire pressure gauge

Cracks and Damage

Check the tire tread and sidewalls for conspicuous cracks (1) or other damage (2).

▲WARNING

***Tires that are cracked or damaged are a safety hazard. They may lose pressure rapidly, and a loss of vehicle control could result.**



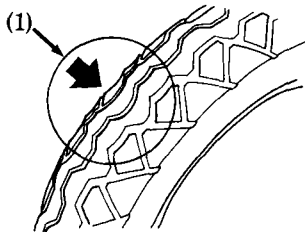
(1) Crack (2) Damage

Abnormal Wear

Check for abnormal wear (1) of the tire tread.

▲WARNING

*** Abnormal wear will adversely affect traction and handling.**



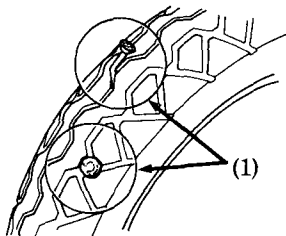
(1) Abnormal wear

Nails, Rocks and Other Sharp Objects

Check the tire tread and sidewalls for nails, rocks, or other sharp objects (1).

▲ WARNING

- * Nails, rocks or other sharp objects may cause a puncture that could result in a loss of vehicle control.**



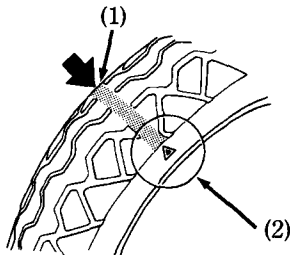
(1) Nails, rocks or other sharp objects

Tread Depth

Inspect the wear indicator (1) to check for insufficient tread depth. If the wear indicator is visible, the tire should be replaced.

▲ WARNING

- * Operation with excessively worn tires is hazardous and will adversely affect traction and handling.**

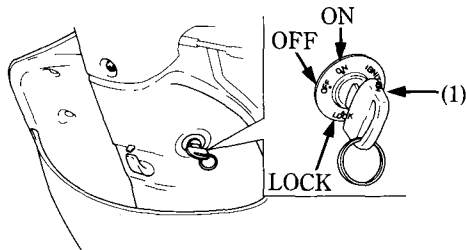


(1) Wear indicator
(2) Wear indicator position mark

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 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.

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.

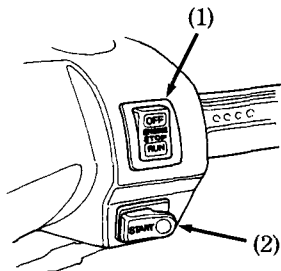
CAUTION:

- * 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 36 for the starting procedure.



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

LEFT HANDLEBAR CONTROLS

The three controls next to the left handlebar grip are:

Headlight Dimmer Switch (1)

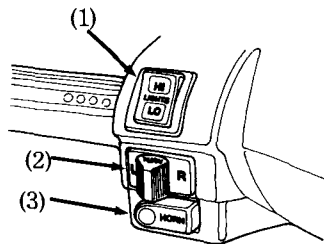
Select HI for high beam, LO for low beam.

Turn Signal Switch (2)

Move to L to signal a left turn, R to signal a right turn. Remember to return the switch to the center (off) after completing your turn or lane change.

Horn Button (3)

Press the button to sound the horn.



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

FEATURES

(Not required for operation)

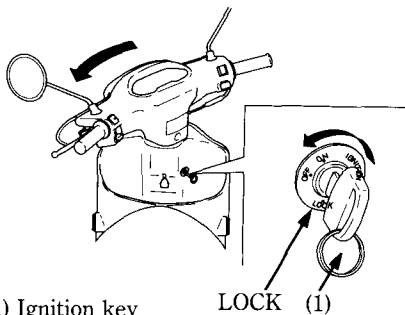
STEERING LOCK

To Lock:

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

▲WARNING

*** Do not turn the key to LOCK while riding the scooter; loss of control will occur.**



(1) Ignition key

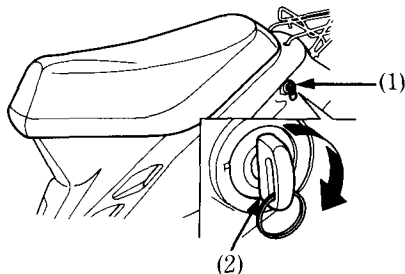
LOCK (1)

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

HELMET HOLDER

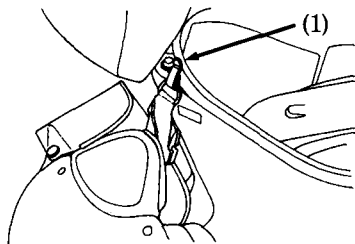
The helmet holder (1) eliminates the need for carrying your helmet after parking.

Insert the ignition key into the seat lock, and turn it clockwise to unlock.

Hang your helmet on the hook at the seat hinge and 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.

▲WARNING

- * **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; the helmet may interfere with the safe operation of the scooter.**



(1) Helmet holder

CENTER COMPARTMENT

The center compartment (1) is below the seat. Opening and Closing:
See "SEAT LOCK (page 31)."

MAXIMUM WEIGHT LIMIT:

10 kg (22 lbs)

Documents:

The owner's manual (2) should be stored in the slots on the underside of the seat.

▲ WARNING

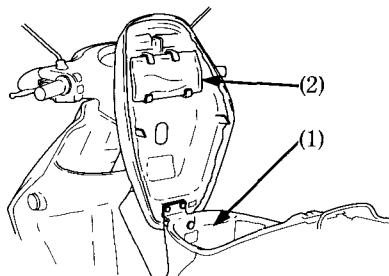
* Never exceed the maximum weight limit; handling and stability may be severely affected.

CAUTION:

* The center compartment may become heated by the engine. Do not store food and other articles which are flammable or susceptible to heat in this compartment.

NOTE:

* Do not direct water under pressure against the side compartment as water will be forced into the compartment.



(1) Center compartment (2) Owner's manual

HOOK AND INNER RACK

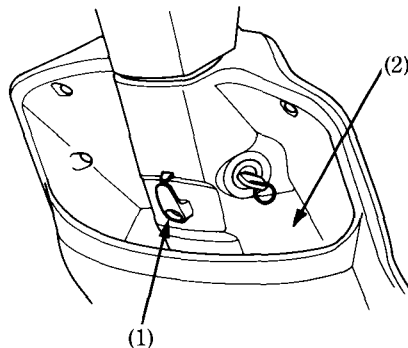
Hook (1) and Inner rack (2) are provided below the handlebar.

MAXIMUM TOTAL LOAD OF HOOK AND INNER RACK:

1.5 kg (3.0 lbs)

CAUTION:

- * Do not attach large luggage to the hook that would hang out from the scooter and/or interfere with the movement of your feet.
- * Make sure cargo does not extrude from the inner rack. Oversized cargo may interfere with the operation of the handlebars and adversely affect handling.



(1) Hook (2) Inner rack

OPERATION

PRE-RIDE INSPECTION

▲ WARNING

*** If the Pre-ride Inspection is not performed, severe personal injury or vehicle damage may result.**

Inspect your scooter every day before you ride it and perform any needed adjustments or repairs. 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 23).
2. Fuel level — fill fuel tank when necessary (page 20). Check for leaks
3. Front and rear brakes — check operation and if necessary, adjust free play (page 17).
4. Tires — check condition and pressure (page 25).
5. Throttle — check for smooth opening and full closing in all steering positions.

6. Lights and horn — check that the headlight, tail/brake light, turn signals, indicators and horn function properly.

7. Engine stop switch — check for proper function (page 29).

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

STARTING THE ENGINE

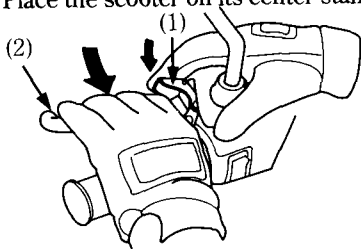
Always follow the proper starting procedure described below.

This scooter has an automatic fuel valve and starting enrichment thermal valve; there is no manual operation.

NOTE:

- * Operate the kickstarter or starter button for slightly longer than usual without opening the throttle if the scooter has been left standing for a long time or when the fuel tank has just been refilled.

1. Place the scooter on its center stand.



(1) Lock lever (2) Rear brake lever

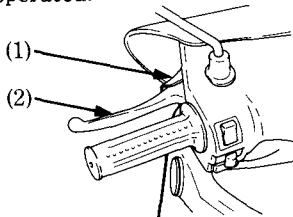
2. Lock the rear wheel by squeezing the brake lever and setting the lock lever (1).

▲ 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.**

NOTE:

- * The electric starter will only work when the rear brake lever (2) is operated.

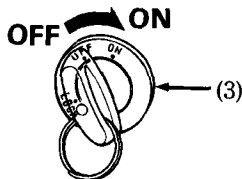


(1) Lock lever (2) Rear brake lever

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 an enclosed area. The exhaust contains poisonous carbon monoxide gas that can cause loss of consciousness and lead to death.**

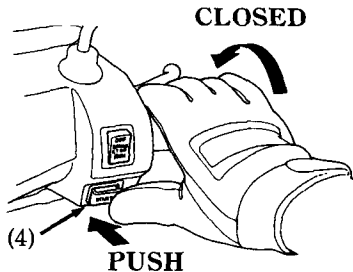


(3) Ignition switch

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

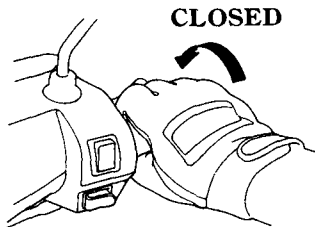
NOTE:

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



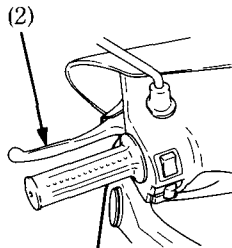
(4) Starter button

6. Be sure to keep the throttle closed and the rear brake (2) locked while starting and warming up the engine.
7. Allow the engine to warm up before riding (See “RIDING,” page 42).



▲WARNING

- * Do not “BLIP” the throttle (open and close rapidly) as the scooter will move forward suddenly, causing possible loss of control.
- * Do not leave the scooter unattended while the engine is warming up.



(2) Rear brake lever

To start the engine without the electric starter,

1. Follow steps 1 through 4.
2. With the throttle closed, operate the kickstarter with a rapid, continuous motion.

CAUTION:

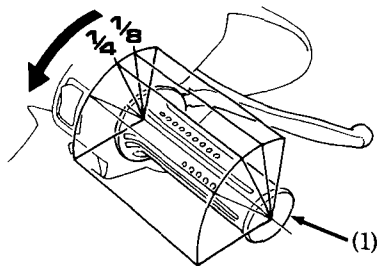
- * Do not allow the kickstarter to snap back freely against the pedal stop as engine case damage could result.
- * Raise up the kickstarter pedal after the kickstarter lever is returned to the stop.

3. Follow steps 6 through 7.



If you cannot restart a warm engine:

1. Place the scooter on its center stand and set the parking brake.
2. Open the throttle (1) $1/8$ — $1/4$ turn while starting the engine.



(1) Throttle

BREAK-IN

During the first 1,000 km (600 miles), 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.

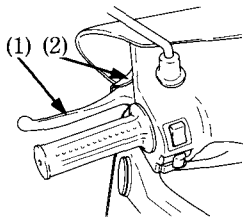
During initial break-in, newly machined surfaces will be in contact with each other and these surfaces will wear in quickly. Break-in maintenance at 1,000 km (600 miles) is designed to compensate for this initial minor wear. Timely performance of the break-in maintenance will ensure optimum service life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

RIDING

1. **Make sure the throttle is closed and the rear brake is locked** (page 36) before moving the scooter off the center stand.

▲WARNING

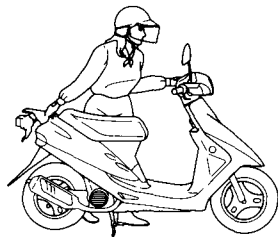
- * **The rear wheel must be locked when moving the scooter off the center stand or loss of control may result.**



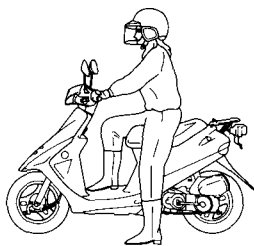
(1) Rear brake lever

(2) Lock lever

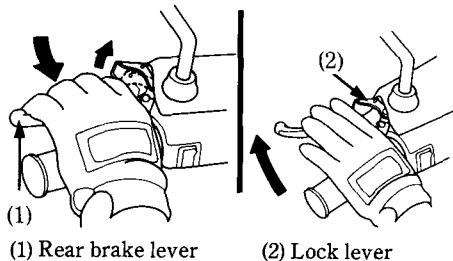
2. **Stand on the left side of the scooter and push it forward and off the center stand.**



3. **Mount the scooter from the left side** keeping at least one foot on the ground to steady the scooter.



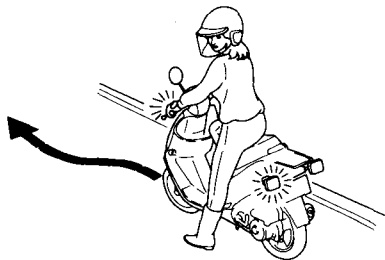
4. Unlock the rear wheel by squeezing and releasing the rear brake lever (1).



5. **Before starting off**, indicate your direction with the turn signals, and check for safe traffic conditions. Grasp the handlebars firmly with both hands.

⚠ WARNING

- * **Never attempt one-handed operation; loss of vehicle control could result.**

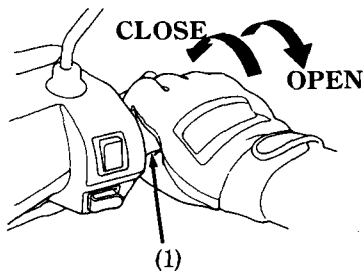


6. **To accelerate**, open the throttle (1) gradually; the scooter will move forward.

⚠ WARNING

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

7. **To decelerate**, close throttle.



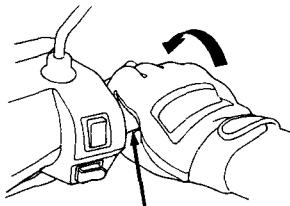
(1) Throttle

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

⚠ WARNING

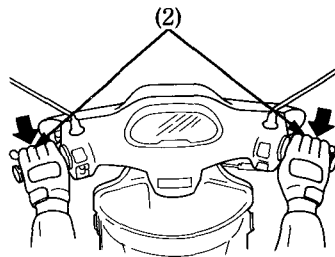
*** Both front and rear brakes should be applied together. Independent use of only the front or rear brake reduces stopping performance.**

Excessive brake application may cause either wheel to lock, reducing control of the scooter.



(1) Throttle

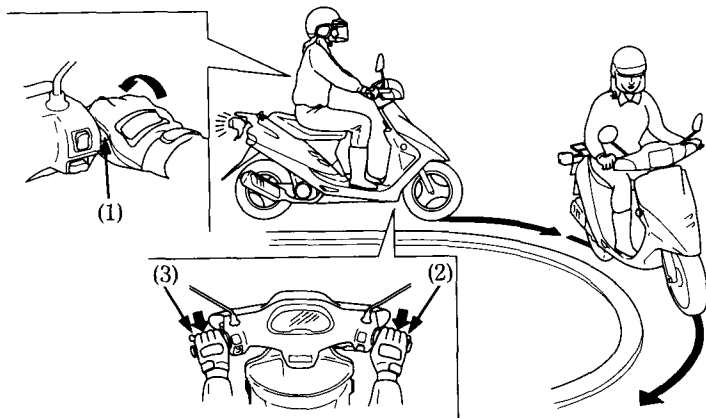
(1)



(2) Front and rear brakes

9. **When approaching a corner or turn**, close the throttle (1) fully, and slow the scooter down by applying both front (2) and rear (3) brakes at the same time.

10. **After completing the turn**, open the throttle gradually to accelerate the scooter.

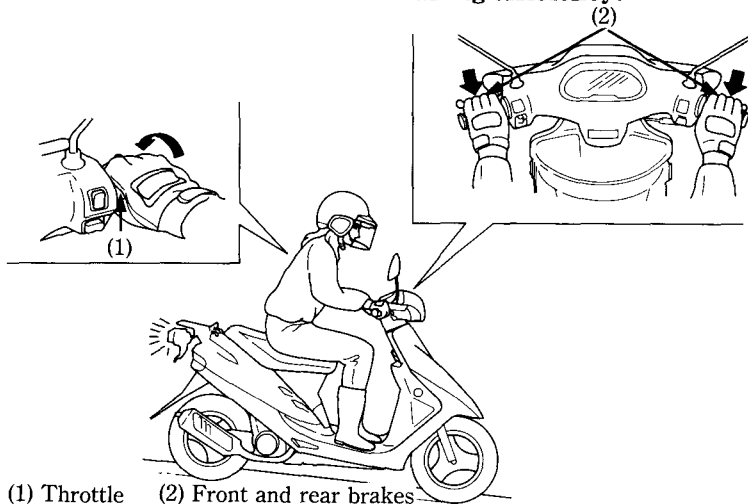


(1) Throttle (2) Front brake (3) Rear brake

11. When descending a steep grade, close the throttle (1) fully and apply both brakes (2) to slow the scooter.

CAUTION:

- * Avoid continuous use of the brakes, which may result in overheating and reduction of braking efficiency.



(1) Throttle

(2) Front and rear brakes

12. When riding on wet or loose surfaces, be especially cautious.

▲ 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.**
 - Ride at slower speeds and allow for extra stopping distance.**
 - Keep the scooter as upright as possible.**
 - Use extreme caution when riding over slippery surfaces such as railroad tracks, iron plates, manhole covers, painted lines, etc.**

PARKING

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

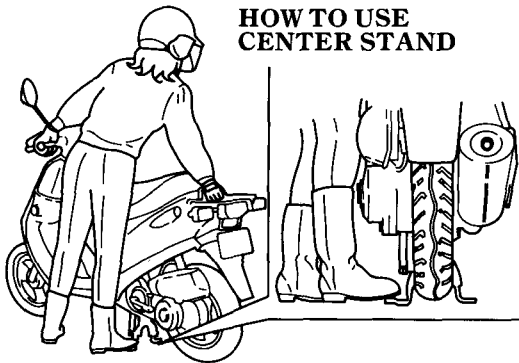
CAUTION:

- * **Park the scooter on firm, level ground to prevent it from falling over.**

3. Lock the steering to help prevent theft (page 31).

▲ 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.**



**HOW TO USE
CENTER STAND**

ANTI-THEFT TIPS

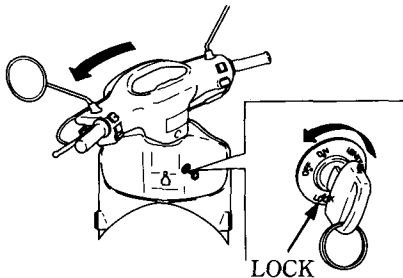
1. Always lock the steering and never leave the key in the ignition switch. This sounds simple but people do forget.
2. Be sure the registration information for your scooter is accurate and current.
3. Park your scooter in a locked garage whenever possible.
4. Use an additional anti-theft device of good 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 that are still with them.

NAME: _____

ADDRESS: _____

PHONE NO: _____

LOCK STEERING



MAINTENANCE

- 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 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.
- The maintenance intervals shown in the following schedule are based upon average riding conditions. Scooters subjected to severe use, or ridden in unusually muddy or dusty areas, require more frequent servicing.
- Consult your authorized Honda scooter dealer for recommendations applicable to your individual needs and use.

MAINTENANCE SCHEDULE for CANADA model

The following items require some mechanical knowledge. Certain items (particularly those marked * and **) may require more technical information and tools. Consult your authorized Honda Scooter Dealer.

Perform the Pre-ride Inspection (page 35) at each scheduled maintenance period.

I: INSPECT AND CLEAN, ADJUST, LUBRICATE OR REPLACE IF NECESSARY

C: CLEAN R: REPLACE A: ADJUST L: LUBRICATE

FREQUENCY ITEM		WHICHEVER COMES FIRST ↓	ODOMETER READING (NOTE 2)					Refer to pages
			x1,000mi	0.6	2.5	5	7.5	
		NOTE	x1,000km	1	4	8	12	
*	FUEL LINE			—	I	I	I	—
*	THROTTLE OPERATION			—	I	I	I	—
**	OIL PUMP AND OIL LINE			—	I	I	I	—
	AIR CLEANER	NOTE 1		—	C	C	C	60
	SPARK PLUG	NOTE 3		EVERY 1,000 mi (1,600 km) R				62
**	DECARBONIZING	NOTE 3		EVERY 2,000 mi (3,200 km) C				—
*	ENGINE IDLE SPEED			I	I	I	I	64

ITEM	FREQUENCY	WHICHEVER → COMES FIRST ↓		ODOMETER READING (NOTE 2)				
			x1,000mi	0.6	2.5	5	7.5	Refer to pages
		NOTE	x1,000km	1	4	8	12	
	BRAKE SHOE WEAR			—	I	I	I	65
	BRAKE SYSTEM			I	I	I	I	17, 65
*	BRAKE LIGHT SWITCH			—	I	I	I	—
*	HEADLIGHT AIM			—	I	I	I	—
*	SUSPENSION			—	I	I	I	—
*	NUTS, BOLTS, FASTENERS			I	—	I	—	—
**	CLUTCH SHOE WEAR			—	—	I	—	—
**	WHEELS / TIRES			—	I	I	I	—
**	STEERING HEAD BEARINGS			I	—	—	I	—

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

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

NOTES: (1) Service more frequently when riding in unusually wet or dusty areas.

(2) At higher odometer readings, repeat at the frequency interval established here.

(3) HONDA 2 STROKE MOTORCYCLE OIL has been specifically tested and is recommended for this engine. The use of other oils may cause excessive carbon build-up in the engine and exhaust system, resulting in loss of power and possible engine damage.

MAINTENANCE SCHEDULE for AUSTRALIA model

The following items require some mechanical knowledge. Certain items (particularly those marked * and **) may require more technical information and tools. Consult your authorized Honda Scooter Dealer.

Perform the Pre-ride Inspection (page 35) 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 ↓ NOTE	ODOMETER READING (NOTE 2)					Refer to pages
				x1,000km	1	4	8	12	
				x1,000mi	0.6	2.5	5	7.5	
			MONTHS			6	12	18	
*	FUEL LINE				—	I	I	I	—
*	THROTTLE OPERATION				—	I	I	I	—
**	OIL PUMP AND OIL LINE				—	I	I	I	—
	AIR CLEANER	NOTE 1			—	C	C	C	60
	SPARK PLUG				EVERY 1,600 km (1,000 mi) R				62
**	DECARBONIZING				EVERY 3,000 km (2,000 mi) C				—
*	ENGINE IDLE SPEED				I	I	I	I	64

ITEM	FREQUENCY	WHICHEVER COMES FIRST ↓	→ x1,000km x1,000mi MONTHS	ODOMETER READING (NOTE 2)				Refer to pages
				1	4	8	12	
		NOTE	MONTHS	0.6	2.5	5	7.5	
	BRAKE SHOE WEAR			—	I	I	I	65
	BRAKE SYSTEM			I	I	I	I	17, 65
*	BRAKE LIGHT SWITCH			—	I	I	I	—
*	HEADLIGHT AIM			—	I	I	I	—
*	SUSPENSION			—	I	I	I	—
*	NUTS, BOLTS, FASTENERS			I	—	I	—	—
**	CLUTCH SHOE WEAR			—	—	I	—	—
**	WHEELS/TIRES			—	I	I	I	—
**	STEERING HEAD BEARINGS			I	—	—	I	—

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

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

NOTES: (1) Service more frequently when riding in unusually wet or dusty areas.

(2) At higher odometer readings, repeat at the frequency interval established here.

MAINTENANCE RECORD (For CANADA)

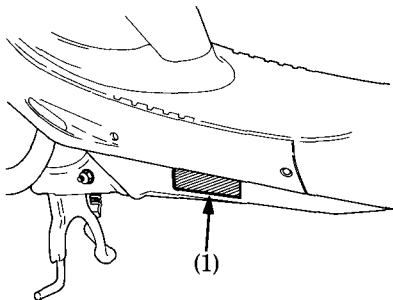
Mileage (km)	Performed by	Odometer	Date
600 mi (1,000 km)			
2,500 mi (4,000 km)			
5,000 mi (8,000 km)			
7,500 mi (12,000 km)			

- 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.

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. _____

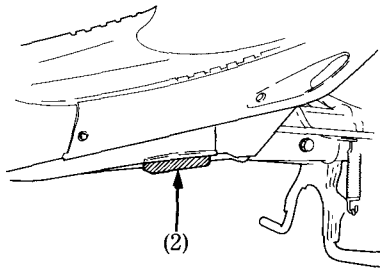


(1) VIN

The VIN, Vehicle Identification Number (1), is on the Safety Certification label, which is attached to the frame pipe under the floor panel.

The frame serial number (2) is stamped on the left side of the frame body.

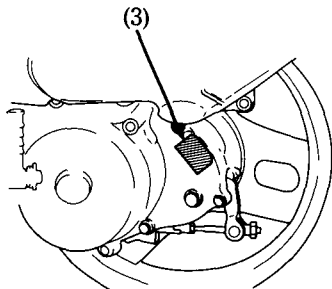
FRAME NO. _____



(2) Frame serial number

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

ENGINE NO. _____



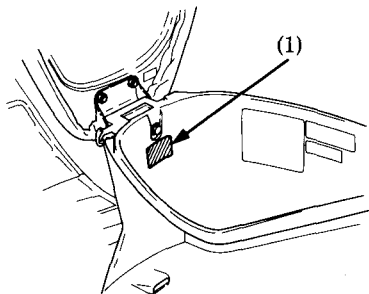
(3) Engine serial number

COLOR LABEL

The color label (1) is attached to the center compartment. It is helpful when ordering replacement parts. Record the color and code here for your reference.

COLOR _____

CODE _____



(1) Color label

MAINTENANCE PRECAUTIONS

▲WARNING

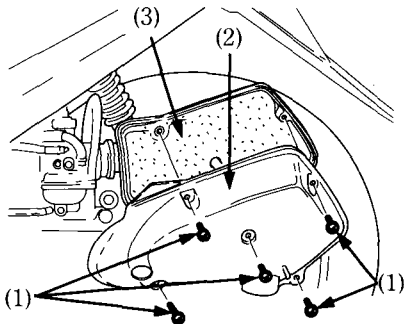
- * If your scooter is overturned or involved in a collision, inspect control levers and cables, switches and other vital parts for damage. Do not ride the scooter if damage impairs safe operation. Have your authorized Honda scooter dealer inspect the major components including frame, suspension, and steering parts for misalignment and damage that you may not be able to detect.**
- * Before performing any maintenance, stop the engine and support the scooter on a firm, level surface.**
- * 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.**

AIR CLEANER

(Refer to the maintenance precautions on page 59).

The air cleaner should be serviced at regular intervals (page 52, 54). Service more frequently when riding in unusually wet or dusty areas.

1. Remove the five screws (1).
2. Remove the air cleaner housing cover (2).
3. Remove the air cleaner (3).



- (1) Screws
(2) Air cleaner housing cover
(3) Air cleaner

4. Wash the air cleaner in clean, nonflammable or high flash point solvent and let it dry thoroughly.

▲WARNING

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

5. Soak the air cleaner in gear oil (SAE 80—90) until saturated, then squeeze out the excess oil.
6. For installation, reverse the removal procedure.

SPARK PLUG

(Refer to the maintenance precautions on page 59).

Recommended plugs:

Standard:

BR6HSA (NGK) or W20FR—L (DENSO)

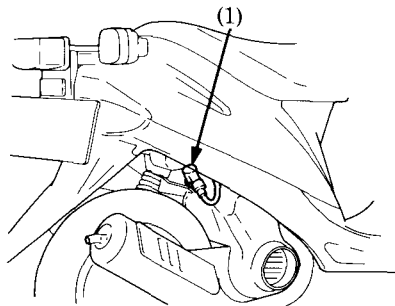
For cold climate: (Below 5°C, 41°F)

BR4HSA (NGK) or W14FR—L (DENSO)

For extended high speed riding:

BR8HSA (NGK) or W24FR—L (DENSO)

1. Disconnect the spark plug cap (1).

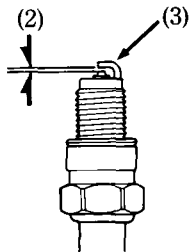


(1) Spark plug cap

2. Clean any dirt from around the spark plug base. Remove and discard the spark plug.
3. Check the new spark plug gap (2) using a wire-type feeler gauge. If adjustment is necessary, bend the side electrode (3) carefully.

The gap should be:

0.6—0.7 mm (0.02—0.03 in)



(2) Spark plug gap (3) Side electrode

4. With the plug washer attached, thread the new spark plug in by hand to prevent cross-threading.
5. Tighten the spark plug 1/2 turn with a spark plug wrench to compress the washer.
6. Connect the plug cap.

▲ WARNING

- * Never leave shop towels in the engine area after cleaning the spark plug base. They may cause the engine to overheat and become damaged.

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. Severe engine damage could result.

IDLE SPEED

(Refer to the maintenance precautions on page 59).

The engine must be at normal operating temperature for accurate idle speed adjustment. Ten minutes of stop-and-go riding is sufficient.

NOTE:

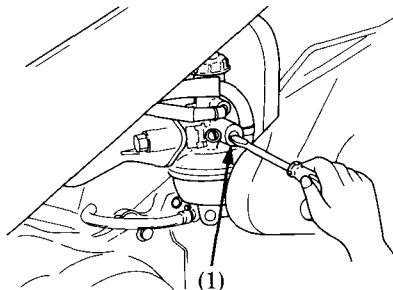
- * Do not attempt to compensate for faults in other systems by adjusting idle speed. See your authorized Honda scooter dealer for regularly scheduled carburetor adjustments.

1. Warm up the engine and place the scooter on its center stand.
2. Connect a tachometer to the engine.
3. Adjust idle speed with the throttle stop screw (1).

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

▲ 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.



(1) Throttle stop screw

BRAKE SHOE WEAR

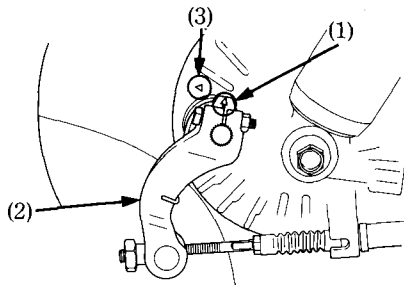
(Refer to the maintenance precautions on page 59).

The front and rear brakes are equipped with brake wear indicators.

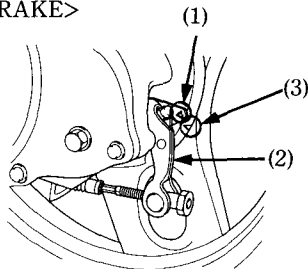
When the brake is applied, an arrow (1) attached to the brake arm (2) moves toward a reference mark (3) on the brake panel.

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 BRAKE>



<REAR BRAKE>



(1) Arrow (2) Brake arm (3) Reference mark

BATTERY

(Refer to the maintenance precautions on page 59).

It is not necessary to check the battery electrolyte level or add distilled water as the battery is a maintenance-free (sealed) type. If your battery seems weak and/or is leaking electrolyte (causing hard starting or other electrical troubles), contact your authorized Honda scooter dealer.

▲ WARNING

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

CAUTION:

- * Removing the battery cap strip can damage the cap strip and result in leaks and eventual battery damage.

CAUTION:

- * When the scooter is to be stored for an extended period of time, remove the battery from the scooter 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.

FUSE REPLACEMENT

(Refer to the maintenance precautions on page 59).

The fuse holder (1) is near the battery.

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.

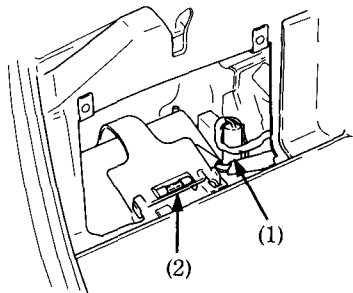
The specified fuse is: 10 A

▲ 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.**

CAUTION:

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



(1) Fuse holder (2) Spare fuse

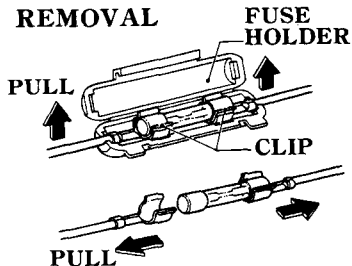
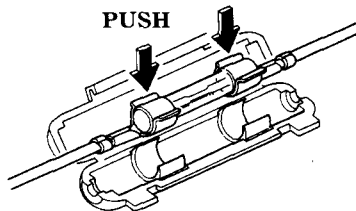
▲ WARNING

* 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 ends of the fuse holder, and close the fuse holder.

CAUTION:

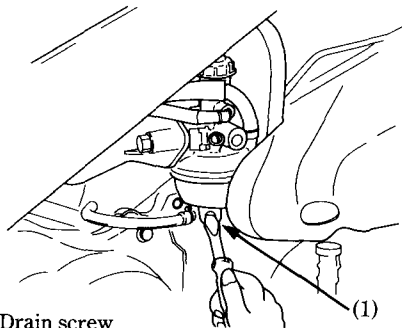
* After replacing the fuse, be sure to return the fuse holder to its original location.

**INSTALLATION**

TRANSPORTING

▲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.



(1) Drain screw

Draining Fuel

Perform this operation only in a well-ventilated area.

▲WARNING

- * Gasoline is extremely flammable and is explosive under certain conditions. Perform this operation in a well-ventilated area with the engine stopped. Do not smoke or allow flames or sparks in the area where gasoline is drained or stored and where the fuel tank is refueled.

1. Stop the engine.
2. Empty the fuel tank using a commercially available hand siphon or an equivalent method.
3. Place the free end of the carburetor drain tube in a suitable container.
4. Open the carburetor drain by turning the drain screw (1) counterclockwise. When all the 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:

- * High pressure water (or air) can damage certain parts of the motorcycle.

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

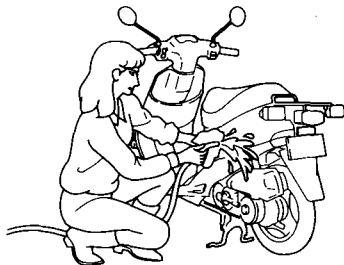
- Wheel Hubs
- Muffler Outlet
- Under Seat
- Ignition Switch
- Handlebar Switches

1. After cleaning, rinse the scooter thoroughly with plenty of clean water. Strong detergent residue can corrode alloy parts.

NOTE:

- * Clean the plastic parts using a cloth or sponge dampened with a solution of mild detergent and water. Rub the soiled areas gently rinsing it frequently with fresh water.

2. Dry the scooter thoroughly.
3. Start the engine and let it run for several minutes.

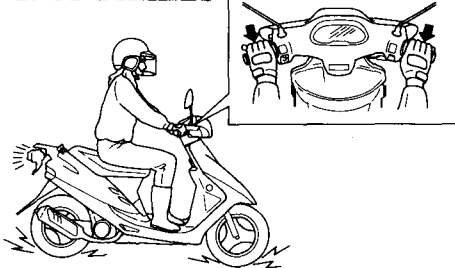


4. Test the brakes before riding the scooter in traffic. Several applications may be necessary to restore normal braking performance.

▲WARNING

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

TEST BRAKES



STORAGE GUIDE

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.

STORAGE

1. Drain the fuel tank and carburetors into an approved gasoline container. Spray the inside of the tank with an aerosol rust-inhibiting oil.
Reinstall the fuel fill cap on the tank.

NOTE:

- * If storage will last more than one month, carburetor draining is very important, to assure proper performance after storage.

▲WARNING

- * **Gasoline is extremely flammable and is explosive under certain conditions. Perform this operation in a well-ventilated area with the engine stopped. Do not smoke or allow flames or sparks in the area where gasoline is drained or stored and where the fuel tank is refueled.**
2. Remove the spark plug and pour a tablespoon (15–20 cc) of clean 2-stroke oil into the cylinder. Operate the kickstarter several 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.
 4. Wash and dry the scooter. Wax all painted surfaces.

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 and 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 voltage and slow charge the battery if it is below 12.3 V.
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 35).
Test ride the scooter at low speeds in a safe riding area away from traffic.

SPECIFICATIONS

DIMENSIONS

Overall length	1,650 mm (65.0 in)
Overall width	645 mm (25.4 in)
Overall height	990 mm (39.0 in)
Wheelbase	1,145 mm (45.1 in)
Ground clearance	100 mm (3.9 in)

WEIGHT

Dry weight	66 kg (145.5 lbs)
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CAPACITIES

2 stroke engine oil	1.2 ℓ (1.3 US qt, 1.1 Imp qt)
Transmission oil	0.09 ℓ (0.10 US qt, 0.08 Imp qt) After draining
Fuel tank	5.0 ℓ (1.32 US gal, 1.10 Imp gal)
Passenger capacity	Operator only. No passengers.
Maximum weight capacity	91 kg (200 lbs)

ENGINE

Bore and stroke	39.0 × 41.1 mm (1.54 × 1.63 in)
Compression ratio	7.1 : 1
Displacement	49 cm ³ (3.0 cu-in)
Spark plug	
Standard	W20FR-L (DENSO) or BR6HSA (NGK)
For cold climate (Below 5°C, 41°F)	W14FR-L (DENSO) or BR4HSA (NGK)
For extended high speed riding	W24FR-L (DENSO) or BR8HSA (NGK)
Spark plug gap	0.6—0.7 mm (0.02—0.03 in)
Idle speed	1,800 ± 100 rpm

CHASSIS AND SUSPENSION

Caster	26° 30'
Trail	73 mm (2.9 in)
Tire size, front	3.00—10 42J
Tire size, rear	3.00—10 42J

ELECTRICAL

Battery	12 V—3 AH
Alternator	12 V 133 W/5,000 rpm

POWER TRANSMISSION

Primary reduction	V—Belt
Final reduction	12.115 : 1

LIGHTS

Headlight	12 V—25/25 W <12 V—35/35 W>
Tail/break light	12 V—8/27 W <12 V—5/21 W>
Front turn signal lights	12 V—17 W <12 V—21 W>
Rear turn signal lights	12 V—23 W <12 V—21 W>
Instrument lights	12 V— 1.7 W × 2
Turn signal indicator light	12 V—3.4 W
High beam indicator light	12 V—1.7 W

FUSE

10 A

< >: AUSTRALIA model

NOISE CONTROL SYSTEM (AUSTRALIA ONLY)

TAMPERING WITH THE NOISE CONTROL SYSTEM IS PROHIBITED: Owners are warned that the law may prohibit: (a) 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; and (b) the use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

MEMO