

HONDA

CB750F2

OWNER'S MANUAL

MANUAL DEL PROPIETARIO

INSTRUKTIEBOEK

IMPORTANT NOTICE

- **OPERATOR AND PASSENGER**

This motorcycle is designed to carry the operator and one passenger. Never exceed the maximum weight capacity as shown on the tyre information label.

- **ON-ROAD USE**

This motorcycle is designed to be used only on the road.

- **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.

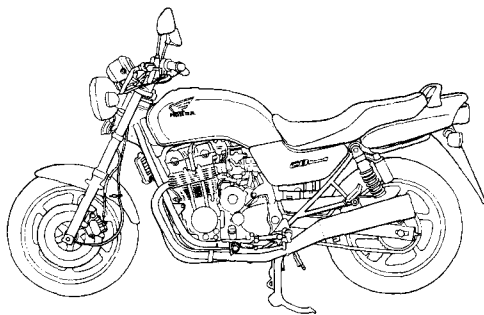
CAUTION:

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 motorcycle and should remain with the motorcycle when resold.

HONDA CB750F2 OWNER'S MANUAL



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WELCOME

The motorcycle presents you a challenge to master the machine, a challenge to adventure. You ride through the wind, linked to the road by a vehicle that responds to your commands as no other does. Unlike an automobile, there is no metal cage around you. Like an airplane, a pre-ride inspection and regular maintenance are essential to your safety. Your reward is freedom.

To meet the challenges safely, and to enjoy the adventure fully, you should become thoroughly familiar with this owner's manual **BEFORE YOU RIDE THE MOTORCYCLE**.

When service is required, remember that your Honda dealer knows your motorcycle best. If you have the required mechanical "know-how" and tools, your 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 !

Following codes in this manual indicate each country.

AR	Austria	F	France	SP	Spain
E	UK	IG	Germany I		Canary Islands
ED	European direct sales Belgium Italy Holland Portugal Greece		Finland Denmark Norway	U	Australia New Zealand
		IIIG	Germany II Sweden		
		IIIG	Germany III		
		SW	Switzerland		

- * IG...Full power type
- * IIIG...Limited power type
- * IIIG...Limited power type

- The specifications may vary with each locale.

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MOTORCYCLE SAFETY

▲ WARNING

*** Motorcycle 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 34) before you start the engine. You may prevent an accident or equipment damage.
2. Many accidents involve inexperienced riders. Most countries require a special motorcycle riding test or license. Make sure you are qualified before you ride. NEVER lend your motorcycle to an inexperienced rider.
3. Many automobile/motorcycle accidents happen because the automobile driver does not "see" the motorcyclist. 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 national 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 footpegs while riding. A passenger should hold on to the motorcycle or the operator with both hands and keep both feet on the passenger footpegs.

PROTECTIVE APPAREL

1. Most motorcycle 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. A passenger needs the same protection.
2. The exhaust system becomes hot during operation, and it remains hot for a while after stopping the engine. Be careful not to touch the exhaust system while it is hot. Wear clothing that fully covers your legs.
3. Do not wear loose clothing which could catch on the control levers, footpegs, drive chain or wheels.

MODIFICATIONS

▲ WARNING

*** Modification of the motorcycle, or removal of original equipment, may render the vehicle unsafe or illegal. Obey all national and local equipment regulations.**

LOADING AND ACCESSORIES

▲WARNING

***To prevent an accident, use extreme care when adding and riding with accessories and cargo. Addition of accessories and cargo can reduce a motorcycle's stability, performance and safe operating speed. Never ride an accessory-equipped motorcycle at speeds above 130 km/h (80 mph). And remember that this 130 km/h (80 mph) limit may be reduced by installation of non-Honda accessories, improper loading, worn tyres and overall motorcycle condition, poor road or weather conditions. These general guidelines may help you decide whether or how to equip your motorcycle and how to load it safely.**

Loading

The combined weight of the rider, passenger, cargo and additional accessories must not exceed the maximum weight capacity:

190 kg (419 lbs)

Cargo weight alone should not exceed:

27 kg (60 lbs)

1. Keep cargo and accessory weight low and close to the center of the motorcycle. Load weight equally on both sides to minimize imbalance. As weight is located further from the motorcycle's center of gravity, handling is proportionally affected.
2. Adjust tyre pressure (page 24) and rear suspension (page 12) to suit load weight and riding conditions.

3. Vehicle handling and stability can be adversely affected by loose cargo. Recheck cargo security and accessory mounts frequently.
4. Do not attach large or heavy items (such as a sleeping bag or tent) to the handlebars, fork, or fender. Unstable handling or slow steering response may result.

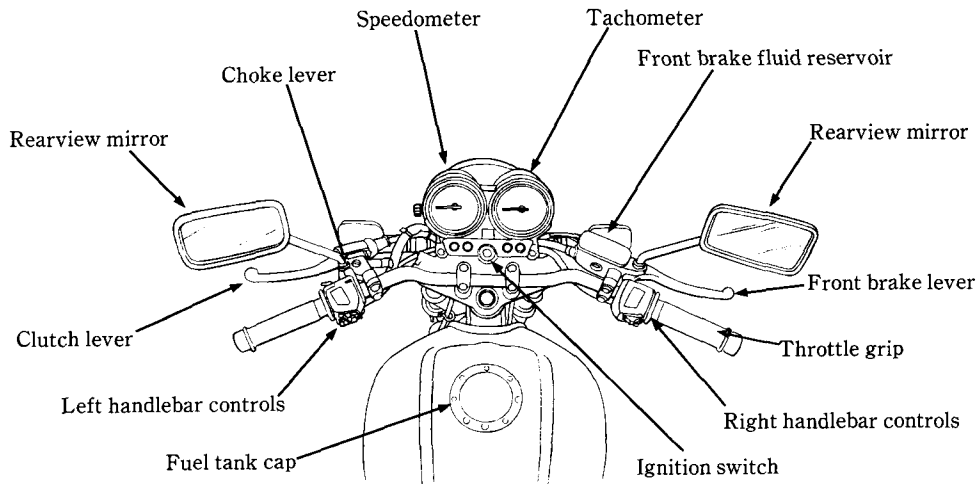
Accessories

Genuine Honda accessories have been specifically designed for and tested on this motorcycle. Because the factory cannot test all other accessories, you are personally responsible for proper selection, installation, and use of non-Honda accessories. Always follow the guidelines under Loading, and these:

1. Carefully inspect the accessory to make sure it does not obscure any lights, reduce ground clearance and banking angle, or limit suspension travel, steering travel or control operation.
2. Large fork-mounted fairings or windshields, or poorly designed or improperly mounted fairings can produce aerodynamic forces that cause unstable handling. Do not install fairings that decrease cooling air flow to the engine.

3. Accessories which alter your riding position by moving hands or feet away from controls may increase reaction time in an emergency.
4. Do not add electrical equipment that will exceed the motorcycle's electrical system capacity. A blown fuse could cause a dangerous loss of lights or engine power.
5. This motorcycle was not designed to pull a sidecar or trailer. Handling may be seriously impaired if so equipped.
6. Any modification of the cooling system may cause overheating and serious engine damage. Do not modify the radiator shrouds or install accessories which block or deflect air away from the radiator.

PARTS LOCATION



Document compartment

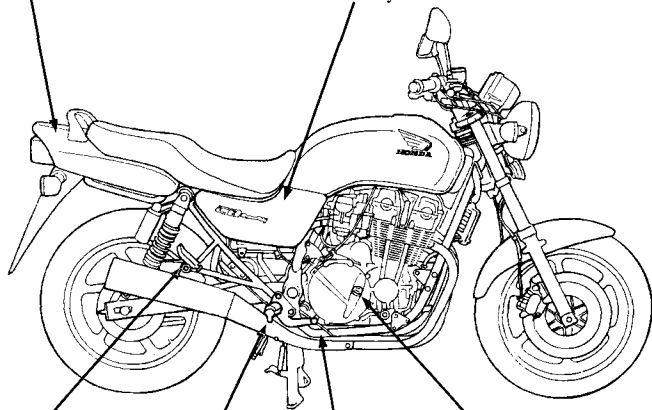
Battery

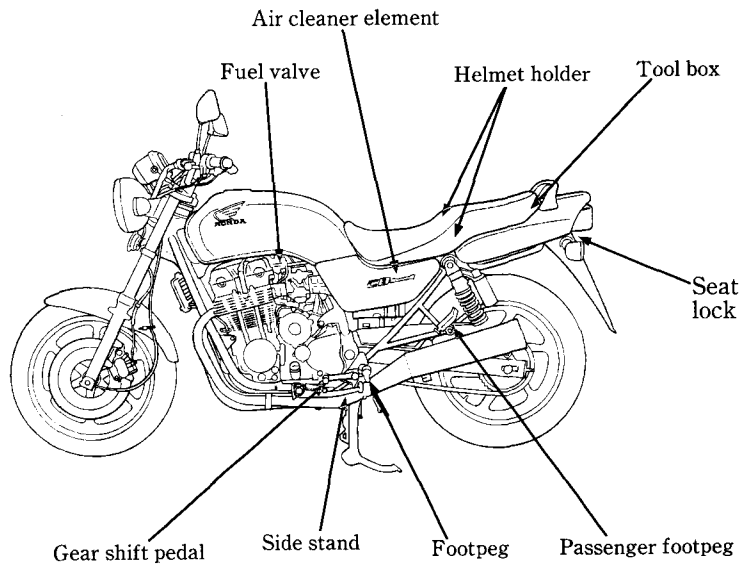
Passenger footpeg

Footpeg

Rear brake pedal

Oil filler cap/dipstick

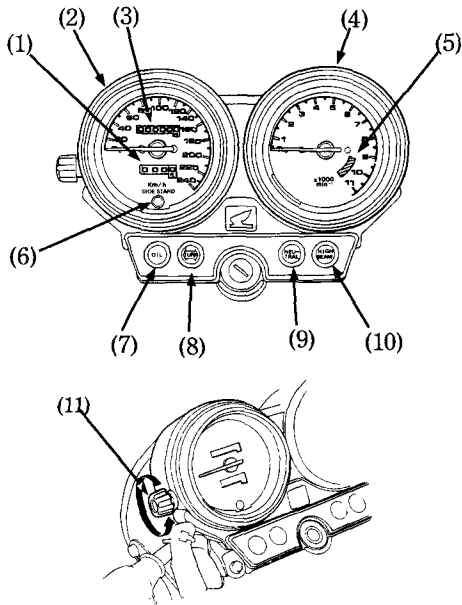




INSTRUMENTS AND INDICATORS

The indicators and warning lights are contained in the instrument panel. Their functions are described in the tables on the following pages.

- (1) Tripmeter
- (2) Speedometer
- (3) Odometer
- (4) Tachometer
- (5) Tachometer red zone
- (6) Side stand indicator
- (7) Oil pressure warning light
- (8) Turn signal indicator
- (9) Neutral indicator
- (10) High beam indicator
- (11) Tripmeter reset knob



(Ref.No.) Description	Function
(1) Tripmeter	Shows mileage per trip.
(2) Speedometer	Shows riding speed.
(3) Odometer	Shows accumulated mileage.
(4) Tachometer	Shows engine rpm.
(5) Tachometer red zone	<p>Never allow the tachometer needle to enter the red zone, even after the engine has been broken in.</p> <p>CAUTION:</p> <p>* Running the engine beyond recommended maximum engine speed (tachometer red zone) can damage the engine.</p>
(6) Side stand indicator	<p>Lights when the side stand is put down.</p> <p>Before parking, check that the side stand is fully down; the light only indicates the side stand ignition cut-off system (page 66) is activated.</p>

(Ref.No.) Description	Function
(7) Oil pressure warning light	<p>Lights when the engine oil pressure is below the normal operating range. Should light when ignition switch is ON and engine is not running. Should go out when the engine starts, except for occasional flickering at or near idling speed when engine is warm.</p> <p>CAUTION: * Running the engine with insufficient oil pressure may cause serious engine damage.</p>
(8) Turn signal indicator	Flashes when either turn signal is operated.
(9) Neutral indicator (green)	Lights when the transmission is in neutral.
(10) High beam indicator (blue)	Lights when the headlight is on high beam.
(11) Tripmeter reset knob	Resets tripmeter to zero (0). Turn knob in direction shown.

MAJOR COMPONENTS (Information you need to operate this motorcycle)

▲WARNING

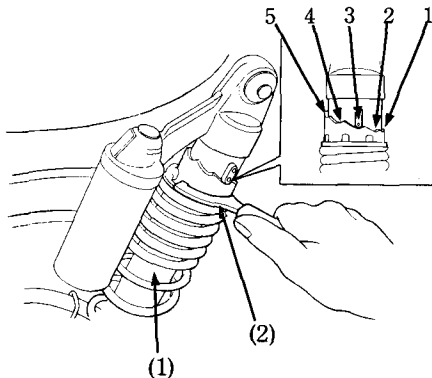
*** If the Pre-ride Inspection (page 34) is not performed, severe personal injury or vehicle damage may result.**

SUSPENSION

Each shock absorber (1) has 5 adjustment positions for different load or riding conditions.

Use a pin spanner (2) to adjust the rear shocks.

Position 1 is for light loads and smooth road conditions. Positions 2 to 5 increase spring preload for a stiffer rear suspension, and can be used when the motorcycle is heavily loaded. Be certain to adjust both shock absorbers to the same position.



- (1) Shock absorber
- (2) Pin spanner

BRAKES

Both the front and rear brakes are the hydraulic disc types.

As the brake pads wear, the brake fluid level drops.

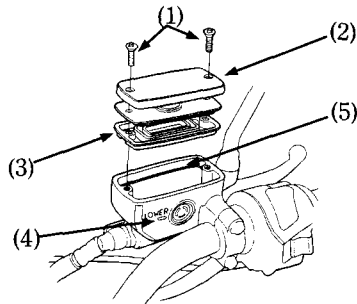
There are no adjustments to perform, but fluid level and pad wear must be inspected periodically. The system must be inspected frequently to ensure there are no fluid leaks. If the control lever or pedal free travel becomes excessive and the brake pads are not worn beyond the recommended limit (page 74), there is probably air in the brake system and it must be bled. See your authorized Honda dealer for this service.

Front Brake Fluid Level:

▲ WARNING

- * **Brake fluid may cause irritation. Avoid contact with skin or eyes. In case of contact, flush thoroughly with water and call a doctor if your eyes were exposed.**

Brake fluid must be added to the reservoir whenever the fluid level begins to reach the **LOWER** level mark (4). Remove the screws (1), reservoir cover (2), and diaphragm (3). Fill the reservoir with **DOT 4 BRAKE FLUID** from a sealed container up to the upper level mark (5). Reinstall the diaphragm and cover. Tighten the screws securely.



(FRONT)

- (1) Screws
- (2) Reservoir cover
- (3) Diaphragm
- (4) LOWER level mark
- (5) UPPER level mark

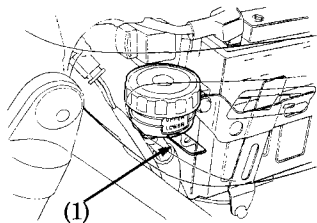
CAUTION:

- * Handle brake fluid with care because it can damage plastic and painted surfaces.
- * When adding brake fluid, be sure the reservoir is horizontal before the cap is removed or brake fluid may spill out.
- * Use only DOT 4 brake fluid from a sealed container.
- * Never allow contaminants such as dirt or water to enter the brake fluid reservoir.

Rear Brake**Rear Brake Fluid Level:****▲ WARNING**

- * Brake fluid may cause irritation. Avoid contact with skin or eyes. In case of contact, flush thoroughly with water and call a doctor if your eyes were exposed.

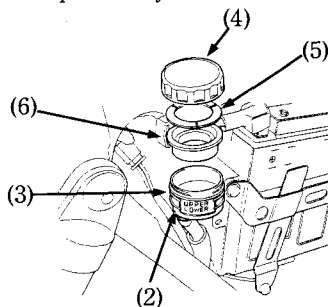
Check the brake fluid level from the inspection window (1) of the right side cover with the motorcycle in an upright position.



(1) Inspection window

Brake fluid must be added to the reservoir whenever the fluid level begins to reach the LOWER level mark (2). Remove the right side cover (page 33). Remove the reservoir cap (4), diaphragm plate (5), and diaphragm (6). Fill the reservoir with

DOT 4 BRAKE FLUID from a sealed container up to the UPPER level mark (3). Reinstall the diaphragm, diaphragm plate and cap securely.



(2) LOWER level mark

(3) UPPER level mark

(4) Reservoir cap

(5) Diaphragm plate

(6) Diaphragm

CAUTION:

- * Handle brake fluid with care because it can damage plastic and painted surfaces.**
- * When adding brake fluid, be sure the reservoir is horizontal before the cap is removed or brake fluid may spill out.**
- * Use only DOT 4 brake fluid from a sealed container.**
- * Never allow contaminants such as dirt or water to enter the brake fluid reservoir.**

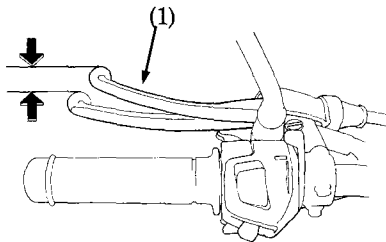
Other Checks:

Make sure there are no fluid leaks. Check for deterioration or cracks in the hoses and fittings.

CLUTCH

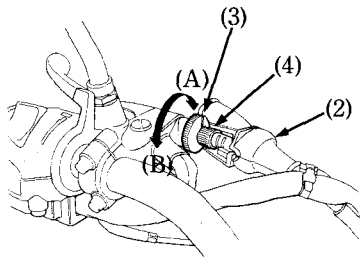
Clutch adjustment may be required if the motorcycle stalls when shifting into gear or tends to creep; or if the clutch slips, causing acceleration to lag behind engine speed. Minor adjustments can be made with the clutch cable adjuster (4) at the lever (1).

Normal clutch lever free play is:
10–20 mm (0.4–0.8 in)



(1) Clutch lever

1. Pull back the rubber dust cover (2). Loosen the lock nut (3) and turn the adjuster (4). Tighten the lock nut (3) and check the adjustment.
2. If the adjuster is threaded out near its limit or if the correct free play cannot be obtained, loosen the lock nut (3) and turn in the cable adjuster (4) completely. Tighten the lock nut (3) and install the dust cover.



- | | |
|---------------------------|------------------------|
| (2) Dust cover | (A) Increase free play |
| (3) Lock nut | (B) Decrease free play |
| (4) Clutch cable adjuster | |

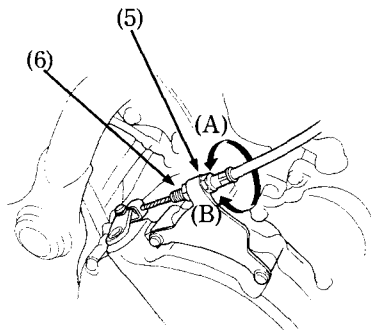
3. Loosen the lock nut (6) at the lower end of the cable. Turn the adjusting nut (5) to obtain the specified free play. Tighten the lock nut (6) and check the adjustment.
4. Start the engine, pull in the clutch lever and shift into gear. Make sure the engine does not stall and the motorcycle does not creep. Gradually release the clutch lever and open the throttle. The motorcycle should begin to move smoothly and accelerate gradually.

NOTE:

- * If proper adjustment cannot be obtained or the clutch does not work correctly, see your authorized Honda dealer.

Other Checks:

Check the clutch cable for kinks or signs of wear that could cause sticking or failure. Lubricate the clutch cable with a commercially available cable lubricant to prevent premature wear and corrosion.



(5) Adjusting nut
(6) Lock nut

(A) Increase free play
(B) Decrease free play

FUEL OFF

With the fuel cock in the OFF position, fuel cannot flow from the tank to the carburetor. Turn the cock OFF whenever the motorcycle is not in use.

ON

With the fuel cock in the ON position, fuel will flow from the main fuel supply to the carburetor.

RES

With the fuel cock in the RES position, fuel will flow from the reserve fuel supply to the carburetor. Use the reserve fuel only when the main supply is gone. Refill the tank as soon as possible after switching to RES.

The reserve fuel supply is:

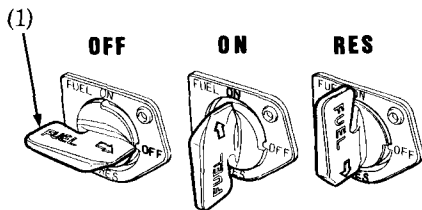
3.5 l (0.92 US gal, 0.77 Imp gal)

▲WARNING

*** To avoid running out of fuel that may result in a sudden stop, learn how to operate the fuel cock when riding the motorcycle.**

NOTE:

*** Remember to check that the fuel cock is in the ON position each time you refuel. If the cock is left in the RES position, you may run out of fuel with no reserve.**



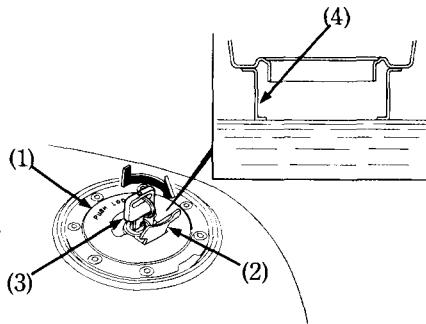
(1) Fuel valve

Fuel Tank

The fuel tank capacity including the reserve supply is:

20.0 ℓ (5.28 US gal , 4.40 Imp gal)

To open the fuel tank cap (1), open the tank cap cover (2), insert the ignition key (3) and turn it clockwise. The cap will open and can be lifted up.



- | | |
|--------------------|------------------|
| (1) Fuel tank cap | (3) Ignition key |
| (2) Tank cap cover | (4) Filler neck |

Press the cap into the filler neck until it snaps closed and locks. Remove the key and close the tank cap cover.

Use unleaded or low-lead petrol with a research octane number of 91 or higher. We recommend that you use unleaded petrol because it produces fewer engine and spark plug deposits and extends the life of exhaust system components.

FOR AUSTRALIA ONLY:

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

CAUTION:

*** If “spark knock” or “pinking” occurs at a steady engine speed under normal load, change brands of petrol. If spark knock or pinking 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.**

▲ WARNING

- * **Petrol 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 petrol is stored or where the fuel tank is refueled.**
- * **Do not overfill the tank (there should be no fuel in the filler neck (4)). After refueling, make sure the fuel 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.**

Petrol Containing Alcohol

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

NOTE:

- * Fuel system damage or engine performance problems resulting from the use of fuels that contain alcohol is not covered under the warranty. Honda cannot endorse the use of fuels containing methanol since evidence of their suitability is as yet incomplete.

NOTE:

- * Before buying fuel from an unfamiliar station, try to find out if the fuel contains alcohol. If it does, confirm the type and percentage of alcohol used. If you notice any undesirable operating symptoms while using a petrol that contains alcohol, or one that you think contains alcohol, switch to a petrol that you know does not contain alcohol.

ENGINE OIL

Engine Oil Level Check

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

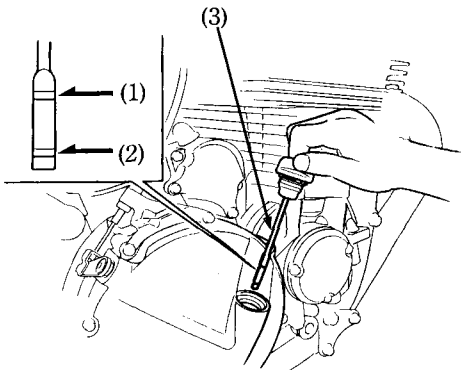
The level must be maintained between the upper (1) and lower (2) level marks on the dipstick (3).

1. Start the engine and let it idle for a few minutes. Make sure the oil pressure warning red light goes off. If the light remains on, stop the engine immediately.
2. Stop the engine and hold the motorcycle in an upright position on firm, level ground.
3. After a few minutes, remove the oil filler cap/dipstick, wipe it clean, and reinsert the dipstick without screwing it in. Remove the dipstick. The oil level should be between the upper and lower marks on the dipstick.
4. If required, add the specified oil (see page 51) up to the upper level mark. Do not overfill.

5. Reinstall the oil filler cap/dipstick. Check for oil leaks.

CAUTION:

*** Running the engine with insufficient oil pressure may cause serious engine damage.**



- (1) Upper level mark
- (2) Lower level mark
- (3) Oil filler cap/dipstick

TUBELESS TYRES

This motorcycle is equipped with tubeless tyres, valves, and wheel rims. Use only tyres marked "TUBELESS" and tubeless valves on rims marked "TUBELESS TYRE APPLICABLE."

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

Check tyre pressure frequently and adjust if necessary.

NOTE:

- * Tyre pressure should be checked before you ride while the tyres are "cold".
- * Tubeless tyres have some degree of selfsealing ability if they are punctured, and leakage is often very slow. Inspect very closely for punctures, especially if the tyre is not fully inflated.

Tyre size		
Front	120/70R17 58V	DUN
	120/70ZR17	MICH
Rear	150/70R17 69V	DUN
	150/70ZR17	MICH
Cold tyre pressures kPa (kg/cm ² , psi)		
Driver only	Front	250 (2.50 , 36)
	Rear	250 (2.50 , 36)
Driver and one passenger	Front	250 (2.50 , 36)
	Rear	290 (2.90 , 42)
Tyre brand TUBELESS ONLY		
DUNLOP	Front	D202F
	Rear	D202
MICHELIN	Front	A89X
	Rear	M89X

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

▲ WARNING

- * **Improper tyre inflation will cause abnormal tread wear and create a safety hazard. Underinflation may result in the tyre slipping on, or coming off of the rim causing tyre deflation that may result in a loss of vehicle control.**
- * **Operation with excessively worn tyres is hazardous and will adversely affect traction and handling.**

Replace tyres before tread depth at the center of the tyre reaches the following limit:

Minimum tread depth	
Front:	1.5 mm (0.059 in)
Rear:	2.0 mm (0.079 in)

Tyre Repair/Replacement:

See your authorized Honda Dealer.

▲ WARNING

- * The use of tyres other than those listed on the tyre information label may adversely affect handling.
- * Do not install tube-type tyres on tubeless rims. The beads may not seat and the tyres could slip on the rims, causing tyre deflation that may result in a loss of vehicle control.
- * Do not install a tube inside a tubeless tyre. Excessive heat build-up may cause the tube to burst resulting in rapid tyre deflation that may result in a loss of vehicle control.
- * Replace the tyre if the sidewall is punctured or damaged. Sidewall flexing may cause repair failure and tyre deflation that may result in a loss of vehicle control.

▲ WARNING

- * Proper wheel balance is necessary for safe, stable handling of the motorcycle. Do not remove or change any wheel balance weights. When wheel balancing is required, see your authorized Honda dealer. Wheel balancing is required after tyre repair or replacement.
- * To avoid possible repair failure and tyre deflation that may result in a loss of vehicle control, do not exceed 80 km/h (50 mph) for the first 24 hours, or 130 km/h (80 mph) at any time, after tyre repair.

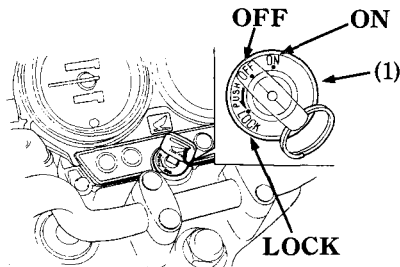
CAUTION:

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

ESSENTIAL INDIVIDUAL COMPONENTS

IGNITION SWITCH

The ignition switch (1) is below the indicator panel.



(1) Ignition switch

Key Position	Function	Key Removal
LOCK (steering lock)	Steering is locked. Engine and lights cannot be operated.	Key can be removed
P (parking) (AR Type)	For parking the motorcycle near traffic. The taillight and position light are on, but all other lights are off. The engine cannot be started.	Key can be removed
OFF	Engine and lights cannot be operated.	Key can be removed
ON	Engine and lights can be operated.	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.

Headlight Switch

The headlight switch (2) has three positions; "H", "P" and "OFF" marked by a dot to the right of "P".

H: Headlight, taillight, position light and meter lights on.

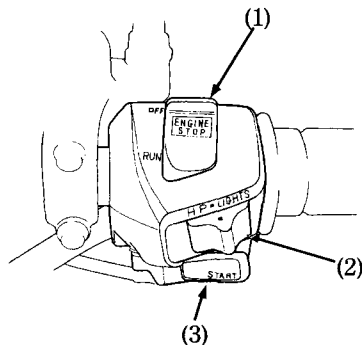
P: Position light, taillight and meter lights on.

OFF (dot): Headlight, taillight, position light and meter lights off.

Starter Button

The starter button (3) is below the headlight switch (2).

When the starter button is pressed, the starter motor cranks the engine. See pages 36 — 37 for the starting procedure.



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

LEFT HANDLEBAR CONTROLS

Headlight Dimmer Switch (1)

Push the dimmer switch to "HI" to select high beam or to "LO" to select low beam.

Passing Light Control Switch (2)

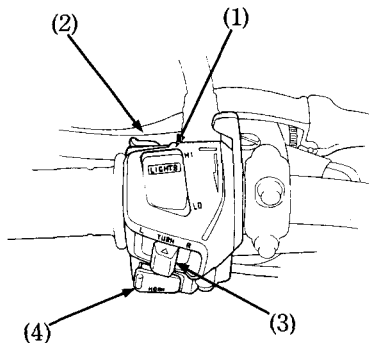
When this switch is pressed, the headlight flashes on to signal approaching cars or when passing.

Turn Signal Switch (3)

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

Horn Button (4)

Press the button to sound the horn.



- (1) Headlight dimmer switch
- (2) Passing light control switch
- (3) Turn signal switch
- (4) Horn button

FEATURES

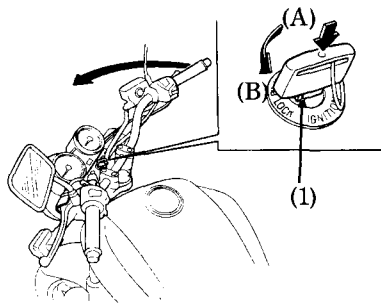
(Not required for operation)

STEERING LOCK

To lock the steering, turn the handlebars all the way to the left or right, turn the key (1) to P or LOCK while pushing in. Remove the key.

▲ WARNING

*** Do not turn the key to P or LOCK while riding the motorcycle; loss of vehicle control will result.**



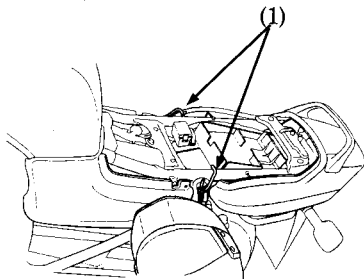
(1) Ignition key

(A) Push in

(B) Turn to LOCK

HELMET HOLDER

The helmet holders are located below the seat. Remove the seat (see page 32). Hang the helmets on the holder hooks (1). Install the seat and lock it securely.



(1) Holder hooks

▲ WARNING

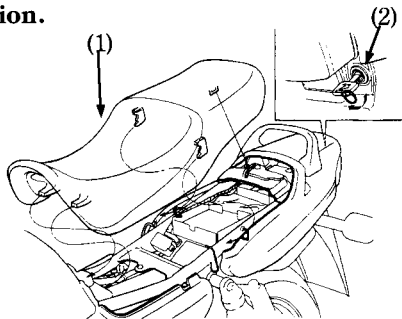
- * **The helmet holder is designed for helmet security while parked. Do not ride with a helmet attached to the holder; the helmet may interfere with safe operation and result in loss of control.**

SEAT

To remove the seat (1), insert the ignition key into the seat lock (2) and turn it clockwise. Pull the seat back and up. To install the seat, insert the prong into the recess under the frame cross member and then push down on the rear of the seat.

CAUTION:

***Be sure the seat is locked securely in position after installation.**



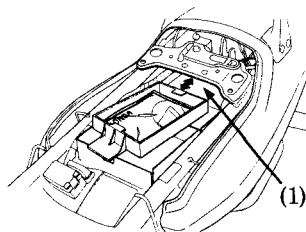
(1) Seat

(2) Seat lock

DOCUMENT COMPARTMENT

The document bag is placed underneath the seat inside the tray beside the tool bag. To access the document, pull the tray out. This owner's manual and other documents should be stored in the compartment.

When washing your motorcycle, be careful not to flood this area with water.

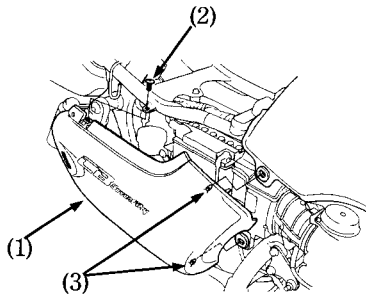


(1) Document compartment

SIDE COVER

The side cover (1) must be removed for the battery and air cleaner element maintenance. To remove the side cover:

- 1.Remove the seat.
- 2.Remove the screw(2).
- 3.Pull the retaining tabs(3) out from the rubber holes and remove the side cover (1).



- (1) Side cover
(2) Screw

- (3) Retaining tabs

NOTE:

- * Do not pull on the side cover with the screw (2) installed.

OPERATION

PRE-RIDE INSPECTION

▲ WARNING

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

Inspect your motorcycle every day before you ride it. The items listed here will only take a few minutes to inspect, and in the long run they can save time, expense, and possibly your life.

1. Engine oil level—add engine oil if required (page 23). Check for leaks .
2. Fuel level—fill fuel tank when necessary (page 19). Check for leaks .
3. Front and rear brakes—check operation; make sure there is no brake fluid leakage. Adjust free play if necessary (pages 13–16).

4. Tyres—check condition and pressure (page 24).
5. Drive chain—check condition and slack (page 60). Adjust and lubricate if necessary.
6. Throttle—check for smooth opening and full closing in all steering positions.
7. Lights and horn—check that headlight, tail/brake light, turn signals, indicators and horn function properly.
8. Engine stop switch—check for proper function (page 28).
9. Side stand ignition cut-off system—check for proper function (page 66).

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

STARTING THE ENGINE

This motorcycle is equipped with a side stand ignition cut-off system. The engine cannot be started if the side stand is down, unless the transmission is in neutral. If the side stand is up, the engine can be started in neutral or in gear with the clutch lever pulled in. After starting with the side stand down, the engine will shut off if the transmission is put in gear before raising the side stand.

▲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.**

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.**

Before starting, insert the key, turn the ignition switch ON and confirm the following:

- The transmission is in NEUTRAL (neutral indicator light ON).
- The engine stop switch is at RUN.
- The red engine oil pressure warning light is ON.
- The fuel cock is ON.

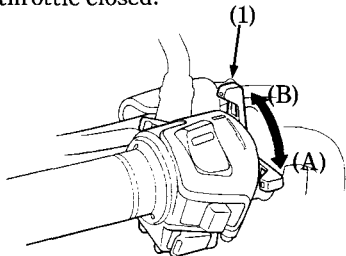
Starting Procedure

To restart a warm engine, follow the procedure for "High Air Temperature."

Normal Air Temperature

10°–35°C (50°–95°F)

1. Pull the choke lever (1) back all the way to Fully ON (A), if the engine is cold.
2. Press the starter button, leaving the throttle closed.



(1) Choke lever

(A) Fully ON

(B) Fully OFF

NOTE:

- * Do not open the throttle when starting the engine with the choke ON. This will lean the mixture, resulting in hard starting.

CAUTION:

- * **The red oil pressure warning light should go off a few seconds after the engine starts. If the light stays on, stop the engine immediately and check engine oil level. Operating the engine with insufficient oil pressure can cause serious engine damage.**

3. Immediately after the engine starts, operate the choke lever (1) to keep fast idle at:

2,000–2,500 min⁻¹ (rpm)

4. About a half minute after the engine starts, push the choke lever (1) forward all the way to Fully OFF (B).
5. If idling is unstable, open the throttle slightly.

High Air Temperature

35°C (95°F) or above

1. Do not use the choke.
2. Open the throttle slightly.
3. Start the engine.

Low Air Temperature

10°C (50°F) or below

1. Follow steps 1–2 under “Normal Air Temperature.”
2. When engine rpm begins to pick up, operate the choke lever to keep fast idle at:
2,000–2,500 min⁻¹ (rpm)
3. Continue warming up the engine until it runs smoothly and responds to the throttle when the choke lever (1) is at Fully OFF (B).

CAUTION:

- * **Snapping the throttle or fast idling for more than about 5 minutes at normal air temperature may cause exhaust pipe discoloration.**
- * **Extended use of the choke may impair piston and cylinder wall lubrication.**

Flooded Engine

If the engine fails to start after repeated attempts, it may be flooded with excess fuel. To clear a flooded engine, turn the engine stop switch OFF and push the choke lever forward to Fully OFF (B). Open the throttle fully and crank the engine several times. Wait 10 seconds, then turn the engine stop switch to RUN and follow the “High Air Temperature” Starting Procedure.

RUNNING-IN

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

The general rules are as follows:

1. Never labour the engine with full throttle at low engine speeds. This rule is applicable not only during running-in but at all times.
2. Maximum continuous engine speed during the first 1,000 km (600 miles) must not exceed $5,000 \text{ min}^{-1}$ (rpm).
3. Increase the maximum continuous engine speed by $2,000 \text{ min}^{-1}$ (rpm) between odometer readings of 1,000 km (600 miles) and 1,600 km (1,000 miles). Drive briskly, vary speeds frequently and use full throttle for short bursts only. Do not exceed $7,000 \text{ min}^{-1}$ (rpm).

4. Upon reaching an odometer reading of 1,600 km (1,000 miles), you can subject the motorcycle to full throttle operation. However, do not exceed 8,600 rpm at any time (tachometer red zone limit).

CAUTION:

- * **Running the engine beyond recommended maximum engine speed (tachometer red zone) can damage the engine.**

RIDING

▲ WARNING

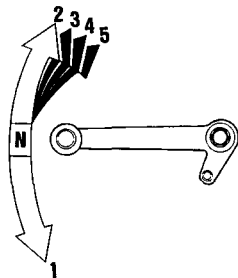
- * **Review Motorcycle Safety (pages 1 — 5) before you ride.**

NOTE:

- * Make sure you understand the function of the side stand mechanism. (See MAINTENANCE SCHEDULE on page 46 and explanation for SIDE STAND on page 66)

1. After the engine has been warmed up, the motorcycle is ready for riding.
2. While the engine is idling, pull in the clutch lever and depress the gearshift pedal to shift into 1st (low) gear.
3. Slowly release the clutch lever and at the same time gradually increase engine speed by opening the throttle. Coordination of the throttle and clutch lever will assure a smooth positive start.
4. When the motorcycle attains a moderate speed, close the throttle, pull in the clutch lever and shift to 2nd gear by raising the gearshift pedal.
This sequence is repeated to progressively shift to 3rd, 4th and 5th (top)

5. Coordinate the throttle and brakes for smooth deceleration.
6. Both front and rear brakes should be used at the same time and should not be applied strongly enough to lock the wheel, or braking effectiveness will be reduced and control of the motorcycle be difficult.



▲ WARNING

- * **Do not downshift when traveling at a speed that would force the engine to overrev in the next lower gear; the rear wheel may lose traction, resulting in a possible loss of vehicle control.**

CAUTION:

- * **Do not shift gears without disengaging the clutch and closing the throttle. The engine and drive train could be damaged by over-speed and shock.**
- * **Do not tow the motorcycle or coast for long distances while the engine is off. The transmission will not be properly lubricated and damage may result.**
- * **Do not ride over a curb or rub the wheel against an obstacle, as wheel damage may result.**

NOTE:

- * The battery will not charge while the engine speed is near idle speed. Avoid idling for prolonged periods, or continuous operation below:

1,500rpm

Keep the engine rpm below the tachometer red zone when accelerating in gear, overrevving can damage the engine.

HIGH ALTITUDE RIDING

When operating this motorcycle at high altitude, the air-fuel mixture becomes overly rich. Above 2,000 m (6,500 feet), 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 dealer for high altitude modification.

CAUTION:

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

BRAKING

1. For normal braking, gradually apply both the front and rear brakes while downshifting to suit your road speed.
2. For maximum deceleration, close the throttle and apply the front and rear brakes firmly. Pull in the clutch lever before coming to a complete stop to prevent stalling the engine.

⚠ WARNING

- * Independent use of only the front or rear brake reduces stopping performance. Extreme braking may cause either wheel to lock, reducing control of the motorcycle.
- * When possible, reduce speed or brake before entering a turn; closing the throttle or braking in mid-turn may cause wheel slip. Wheel slip will reduce control of the motorcycle.

⚠ WARNING

- * When riding in wet or rainy conditions, or on loose surfaces, the ability to maneuver and stop will be reduced. All of your actions should be smooth under these conditions. Rapid acceleration, braking or turning may cause loss of control. For your safety, exercise extreme caution when braking, accelerating or turning.
- * When descending a long, steep grade, use engine compression braking by downshifting, with intermittent use of both brakes. Continuous brake application can overheat the brakes and reduce their effectiveness.
- * Riding with your foot resting on the brake pedal or your hands on the brake lever may actuate the brakelight, giving a false indication to other drivers. It may also overheat the brake, reducing effectiveness.

PARKING

1. After stopping the motorcycle, shift the transmission into neutral, turn the fuel cock OFF, turn the handlebar fully to the left, turn the ignition switch OFF and remove the key.
2. Use the side or center stand to support the motorcycle while parked.

CAUTION:

- * **Park the motorcycle on firm, level ground to prevent it from falling over.**
 - * **If you must park on a slight incline, aim the front of the motorcycle uphill to reduce the possibility of rolling off the side stand or overturning.**
3. Lock the steering to help prevent theft (page 43).

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 motorcycle is accurate and current.
3. Park your motorcycle 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 motorcycles at all times. Many times stolen motorcycles are identified by information in the Owner's Manuals that are still with them.

NAME : _____

ADDRESS : _____

PHONE NO : _____

MAINTENANCE

- When service is required, remember that your authorized Honda dealer knows your motorcycle 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 and have the proper tools and service data.
- These instructions are based on the assumption that the motorcycle 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 dealer for recommendations applicable to your individual needs and use.

MAINTENANCE SCHEDULE

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

Perform the Pre-ride Inspection (page 34) at each scheduled maintenance period.

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

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

ITEMS	FREQUENCY	WHICHEVER → COMES FIRST ↓ NOTE		ODOMETER READING [NOTE (1)]										Refer to pages	
		x 1.000 km	1	6	12	18	24	30	36						
		x 1.000 mi	0.6	4	8	12	16	20	24						
		MONTHS		6	12	18	24	30	36						
* FUEL LINE						I		I		I			—		
* FUEL STRAINER SCREEN						C	C	C	C	C	C			—	
* THROTTLE OPERATION							I		I		I			57	
* CARBURETOR CHOKE							I		I		I			—	
AIR CLEANER	NOTE (2)							R			R			59	
CRANKCASE BREATHER	NOTE (3)						C	C	C	C	C	C			54
SPARK PLUG							I	R	I	R	I	R			55—56
ENGINE OIL						R	R	R	R	R	R	R			51—54
ENGINE OIL FILTER						R		R		R		R			52—53
* CARBURETOR SYNCHRONIZATION								I		I		I			—
* CARBURETOR IDLE SPEED						I	I	I	I	I	I	I			58
* SECONDARY AIR SUPPLY SYSTEM	NOTE (4)							I		I		I			—

ITEMS		FREQUENCY	WHICHEVER → COMES FIRST		ODOMETER READING [NOTE (1)]										Refer to pages
			↓ NOTE	x 1,000 km x 1,000 mi MONTH	1	6	12	18	24	30	36				
					0.6	4	8	12	16	20	24				
						6	12	18	24	30	36				
	DRIVE CHAIN				EVERY 1,000 km (600 mi) I, L										60-64
	DRIVE CHAIN SLIDER						I		I		I		65		
	BATTERY					I	I	I	I	I	I		75-77		
	BRAKE FLUID	NOTE (5)				I	I	R	I	I	R		13-16		
	BRAKE PAD WEAR					I	I	I	I	I	I		74		
	BRAKE SYSTEM				I		I		I		I		13-16		
*	BRAKE LIGHT SWITCH						I		I		I		—		
*	HEADLIGHT AIM						I		I		I		—		
	CLUTCH SYSTEM				I	I	I	I	I	I	I		17-18		
	SIDE STAND						I		I		I		66		
*	SUSPENSION						I		I		I		—		
*	NUTS, BOLTS, FASTENERS				I		I		I		I		—		
**	WHEELS/TYRES						I		I		I		—		
**	STEERING HEAD BEARINGS				I		I		I		I		—		

- * SHOULD BE SERVICED BY AN AUTHORIZED HONDA 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 SAFETY, WE RECOMMEND THESE ITEMS BE SERVICED ONLY BY AN AUTHORIZED HONDA DEALER.

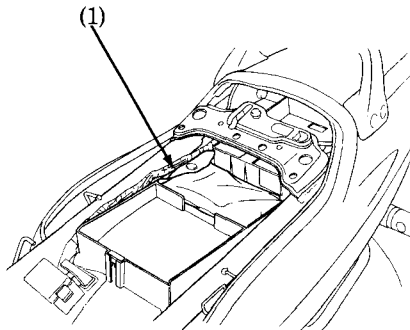
- NOTES:
- (1) At higher odometer readings, repeat at the frequency interval established here.
 - (2) Service more frequently when riding in unusually wet or dusty areas.
 - (3) Service more frequently when riding in rain or at full throttle.
 - (4) Switzerland and Austria type only.
 - (5) Replace every 2 years, or at indicated odometer interval, whichever comes first. Replacement requires mechanical skill.

TOOL KIT

The tool kit (1) is in the tool box under the seat.

Some roadside repairs, minor adjustments and parts replacement can be performed with the tools contained in the kit.

- 10 x 12 mm open end wrench
- 14 x 17 mm open end wrench
- Fuse puller
- No.1 screwdriver
- Screwdriver grip
- No.3 screwdriver
- 12 mm box end wrench
- 24 mm box end wrench
- Pin spanner
- 8 mm open end wrench
- Spark plug wrench
- Feeler gauge
- Tool bag

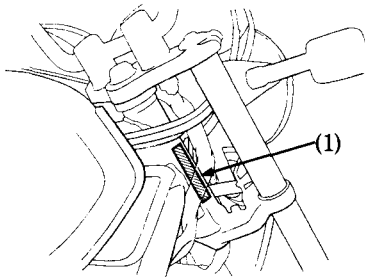


(1) Tool kit

SERIAL NUMBERS

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

FRAME NO. _____

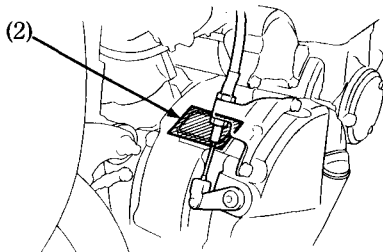


(1) Frame number

The frame number (1) is stamped on the right side of the steering head.

The engine number (2) is stamped on the right side of the crankcase.

ENGINE NO. _____



(2) Engine number

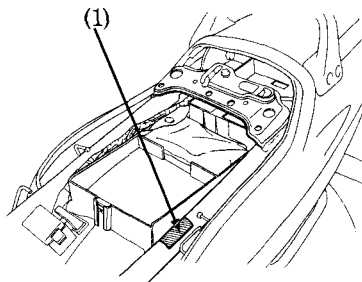
COLOUR LABEL

The colour label (1) is attached to the left frame rail under the seat.

It is helpful when ordering replacement parts. Record the colour and code here for your reference.

COLOUR _____

CODE _____



(1) Colour label

MAINTENANCE PRECAUTIONS

▲ WARNING

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

ENGINE OIL

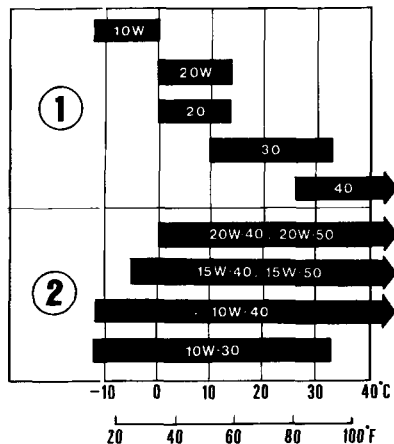
(Refer to the maintenance precautions on page 50).

Engine Oil

Good engine oil has many desirable qualities. Use only high detergent, quality motor oil certified on the container to meet or exceed requirements for service SE, SF or SG.

Viscosity:

Viscosity grade of engine oil should be based on average atmospheric temperature in your riding area. The following provides a guide to the selection of the proper grade or viscosity of oil to be used at various atmospheric temperatures.



(1) Single grade

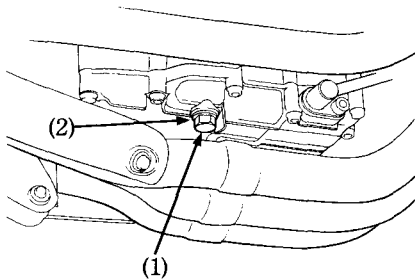
(2) Multigrade

Engine Oil and Filter

Engine oil quality is the chief factor affecting engine service life. Change the engine oil as specified in the maintenance schedule (page 45).

NOTE:

- * Change the engine oil with the engine at normal operating temperature and the motorcycle on its side stand to assure complete and rapid draining.



(1) Oil drain plug

(2) Sealing washer

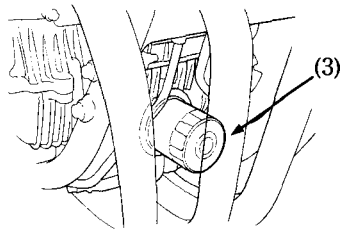
CAUTION:

- * **To prevent oil leaks and filter damage, never support the engine on the oil filter.**

1. To drain the oil, remove the oil filler cap/dipstick and crankcase drain plug (1) and sealing washer (2).

▲WARNING

- * **A warmed-up engine and the oil in it are hot; be careful not to burn yourself.**
2. Remove the oil filter (3) with a filter wrench and let the remaining oil drain out. Discard the oil filter (3).



(3) Oil filter

3. Apply a thin coat of engine oil to the new oil filter rubber seal (4).
4. Install the new oil filter and tighten it to:

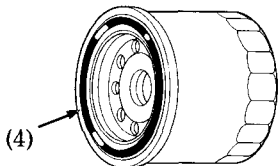
10 N·m (1.0 kg-m , 7 lb-ft)

5. Use the Honda oil filter or an equivalent filter specified for your model. Other filters not specified for your model may not filter impurities properly.

Check that the sealing washer on the drain plug is in good condition and install the plug. Replace the sealing washer every other time the oil is changed, or each time if necessary.

Oil Drain Plug Torque:

35 N·m (3.5 kg-m , 25 lb-ft)



(4) Oil filter rubber seal

6. Fill the crankcase with the recommended grade oil; approximately:
3.0 ℓ (3.2 US qt , 2.6 Imp qt)
7. Install the oil filler cap.
8. Start the engine and let it idle for 2—3 minutes.
9. Several minutes after stopping the engine, check that the oil level is at the upper level mark on the dipstick with the motorcycle upright on firm, level ground. Make sure there are no oil leaks.

NOTE:

- * When running in very dusty conditions, oil changes should be performed more frequently than specified in the maintenance schedule.
- * Please dispose of used engine oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local recycling center or service station for reclamation. Do not throw it in the rubbish or pour it on the ground.

CAUTION:

- * **Used engine oil may cause skin cancer if repeatedly left in contact with the skin for prolonged periods. Although this is unlikely unless you handle used oil on a daily basis, it is still advisable to thoroughly wash your hands with soap and water as soon as possible after handling used oil.**

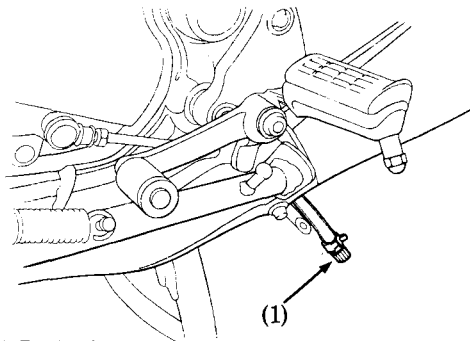
CRANKCASE BREATHER

(Refer to the maintenance precautions on page 50).

1. Remove the drain plug (1) from the tube and drain deposits into a suitable container.
2. Reinstall the drain plug.

NOTE:

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



(1) Drain plug

SPARK PLUGS

(Refer to the maintenance precautions on page 50).

Recommended plugs:

Standard:

DPR8EA—9(NGK)

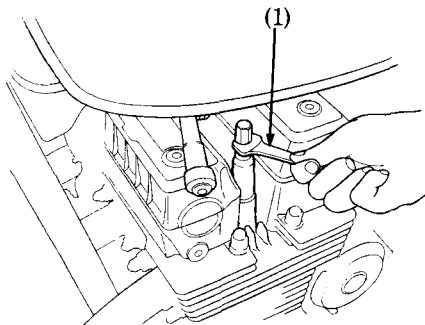
X24EPR—U9(NIPPONDENSO)

For extended high speed riding:

DPR9EA—9(NGK)

X27EPR—U9(NIPPONDENSO)

1. Disconnect the spark plug caps from the spark plugs.
 2. Clean any dirt from around the spark plug bases.
- Remove the spark plugs using the spark plug wrench (1) furnished in the tool kit.

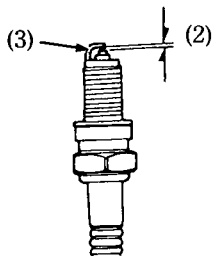


(1) Spark plug wrench

3. Inspect the electrodes and center porcelain for deposits, erosion or carbon fouling. If the erosion or deposit is heavy, replace the plug. Clean a carbon or wet-fouled plug with a plug cleaner, otherwise use a wire brush.
4. 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:

0.8—0.9 mm (0.03—0.04 in)



(2) Spark plug gap (3) Side electrode

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. Reinstall the spark plug caps.

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.

THROTTLE OPERATION

(Refer to the maintenance precautions on page 50).

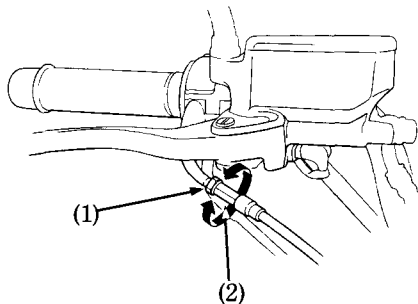
1. Check for smooth rotation of the throttle grip from the fully open to the fully closed position at both full steering positions.

2. Measure the throttle grip free play at the throttle grip flange.

The standard free play should be approx:

2.0—6.0 mm (0.08—0.24 in)

To adjust the play, loosen the lock nut (1) and turn the adjuster (2).



(1) Lock nut

(2) Adjuster

IDLE SPEED

(Refer to the maintenance precautions on page 50).

The idle speed adjustment procedure given here should only be used when changes in altitude affect normal idle speed as set by your dealer. See your authorized Honda dealer for regularly scheduled carburetor adjustments, including individual carburetor adjustment and synchronization.

NOTE:

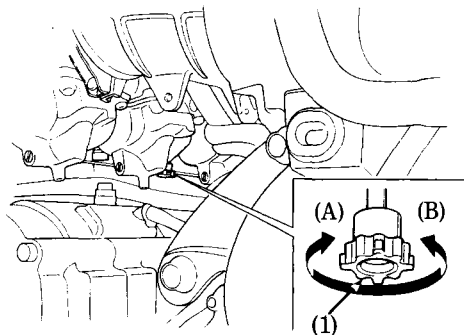
- * The engine must be at normal operating temperature for accurate idle speed adjustment. Ten minutes of stop-and-go riding is sufficient.

1. Warm up the engine, shift to neutral.
2. Adjust idle speed with the throttle stop screw (1).

Idle speed (In neutral):

$1,200 \pm 100 \text{ min}^{-1}(\text{rpm})$

$1,200 \pm 50 \text{ min}^{-1}(\text{rpm})$ < SW Type >



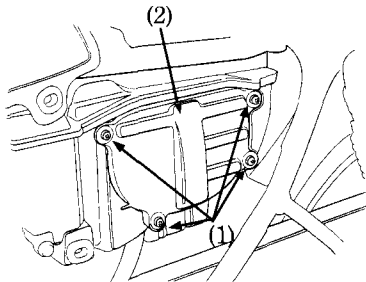
(1) Throttle stop screw (A) Increase
(B) Decrease

AIR CLEANER

(Refer to the maintenance precautions on page 50).

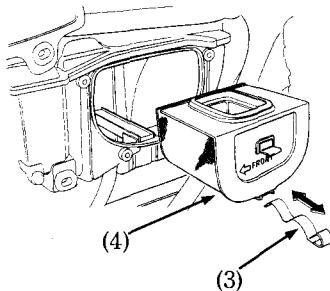
The air cleaner should be serviced at regular intervals (page 45). Service more frequently when riding in unusually wet or dusty areas.

1. Remove the left side cover.
2. Remove the attaching screws(1) and air cleaner cover(2).



(1) Attaching screws (2) Air cleaner cover

3. Pull the set spring (3) out.
4. Remove and discard the air cleaner element (4).
5. Install a new air cleaner element.
Use the Honda air filter or an equivalent filter specified for your model. Other filters not specified for your model may not filter impurities properly.
6. Install the removed parts in reverse order of removal.



(3) Set spring (4) Air cleaner element

DRIVE CHAIN

(Refer to the maintenance precautions on page 50).

The service life of the drive chain is dependent upon proper lubrication and adjustment. Poor maintenance can cause premature wear or damage to the drive chain and sprockets.

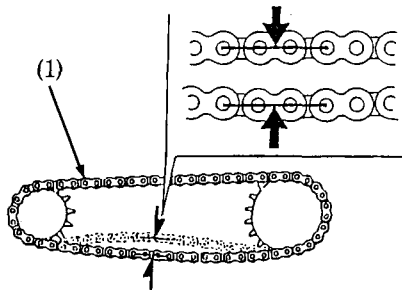
The drive chain should be checked and lubricated as part of the Pre-ride Inspection (page 34). Under severe usage, or when the motorcycle is ridden in unusually dusty or muddy areas, more frequent maintenance will be necessary.

Inspection:

1. Turn the engine off, place the motorcycle on its side stand and shift the transmission into neutral.
2. Check slack in the lower drive chain run midway between the sprockets. Drive chain slack should be adjusted to allow the following vertical movement by hand:

30—40 mm (1.2—1.6 in)

3. Rotate the rear wheel and check the drive chain slack as the wheel turns. Drive chain slack should remain constant as the wheel rotates. If the chain is slack only in certain sections, some links are kinked and binding. Binding can frequently be eliminated by lubrication.



(1) Drive chain

4. Rotate the rear wheel slowly and inspect the drive chain and sprockets for any of the following conditions:

DRIVE CHAIN

- *Damaged Rollers
- *Loose Pins
- *Dry or Rusted Links
- *Kinked or Binding Links
- *Excessive Wear
- *Improper Adjustment
- *Missing O-rings

SPROCKETS

- *Excessively Worn Teeth
- *Broken or Damaged Teeth

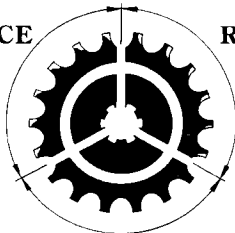
A drive chain with damaged rollers, loose pins, or missing O-rings must be replaced. A chain which appears dry, or shows signs of rust, requires supplementary lubrication. Kinked or binding links should be thoroughly lubricated and worked free. If links cannot be freed, the chain must be replaced.

Damaged Sprocket
Teeth

REPLACE

Worn Sprocket
Teeth

REPLACE

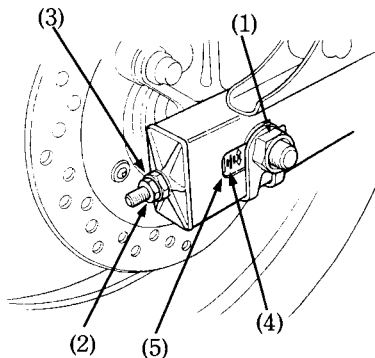


Normal Sprocket

GOOD

Adjustment:

Drive chain slack should be checked and adjusted, if necessary, every 1,000 km (600 miles). When operated at sustained high speeds or under conditions of frequent rapid acceleration, the chain may require more frequent adjustment.



- | | |
|-------------------|------------------|
| (1) Axle nut | (4) Index mark |
| (2) Lock nut | (5) Rear edge of |
| (3) Adjusting nut | adjusting slot |

If the drive chain requires adjustment, the procedure is as follows:

1. Place the motorcycle on its center stand with the transmission in neutral and the ignition switch off.
2. Loosen the axle nut (1).
3. Loosen the lock nuts (2) on both right and left swingarm.
4. Turn both adjusting nuts (3) an equal number of turns until the correct drive chain slack is obtained. Turn the adjusting nuts clockwise to tighten the chain, or counterclockwise to provide more slack. Adjust the chain slack at a point midway between the drive sprocket and the rear wheel sprocket. Rotate the rear wheel and recheck slack at other sections of the chain.

Chain slack should be:

30—40 mm (1.2—1.6 in)

5. Check rear axle alignment by making sure the chain adjuster index marks (4) align with the rear edge (5) of the adjusting slots.

Both left and right marks should correspond. If the axle is misaligned, turn the left or right adjusting nut until the marks correspond on the rear edge of the adjusting slots and recheck chain slack.

6. Tighten the axle nut to specified torque.
Axle nut torque:

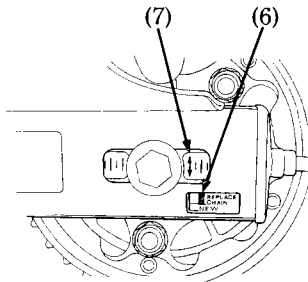
90 N·m (9.0 kg-m , 65 lb-ft)

7. Tighten the adjusting nuts lightly, then tighten the lock nuts by holding the adjusting nuts with a spanner.

Wear inspection:

Check the chain wear label when adjusting the chain. If the red zone (6) on the label aligns with the arrow mark (7) on the chain adjuster plates after the chain has been adjusted to the proper slack, the chain is excessively worn and must be replaced. The proper slack is:

30—40 mm (1.2—1.6 in)



(6) Red zone

(7) Arrow mark

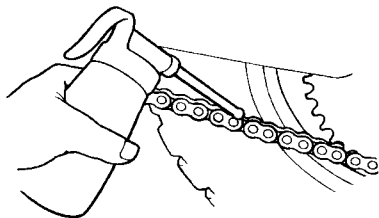
Lubrication and cleaning:

Lubricate every 1,000 km (600 miles) or sooner if chain appears dry.

The O-rings in this chain can be damaged by steam cleaning, high pressure washers, and certain solvents. Clean the chain with high flash-point solvent, such as paraffin. Wipe dry and lubricate only with SAE 80 or 90 gear oil. Commercial chain lubricants may contain solvents which could damage the rubber O-rings.

Replacement Chain:

RK525SM4 or DID525V9



CAUTION:

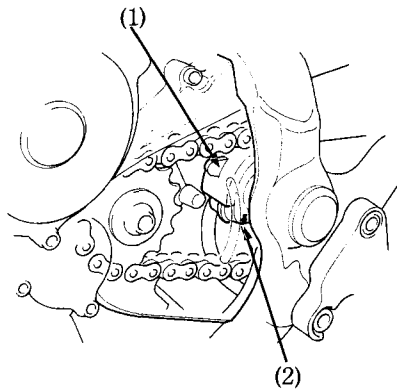
- * The drive chain on this motorcycle is equipped with small O-rings between the link plates. These O-rings retain grease inside the chain to improve its service life. However, special precautions must be taken when adjusting, lubricating, washing, and replacing the chain.

DRIVE CHAIN SLIDER

(Refer to the maintenance precautions on page 50).

Check the chain slider (1) for wear.

The chain slider must be replaced if it is worn to the wear limit line (2). For replacement, see your authorized Honda dealer.



- (1) Chain slider
- (2) Wear limit line

SIDE STAND

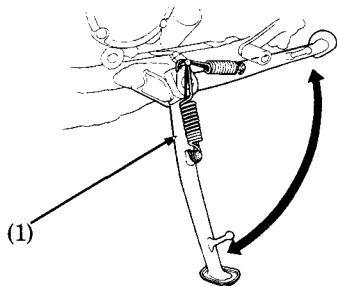
(Refer to the maintenance precautions on page 50).

Perform the following maintenance in accordance with the maintenance schedule.

Functional Check:

- Check the spring (1) for damage or loss of tension and the side stand assembly for freedom of movement.
 - Check the side stand ignition cut-off system:
1. Sit astride the motorcycle; put the side stand up and the transmission in neutral.
 2. Start the engine and with the clutch lever pulled in, shift the transmission into gear.
 3. Lower the side stand. The engine should stop as you put the side stand down.

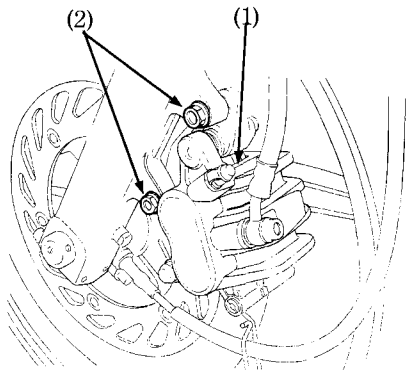
If the side stand system does not operate as described, see your authorized Honda dealer for service.



(1) Side stand spring

WHEEL REMOVAL

(Refer to the maintenance precautions on page 50).



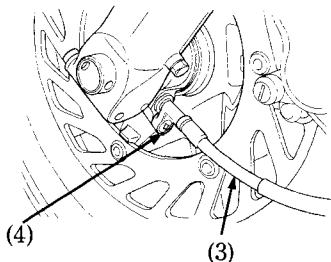
- (1) Brake caliper assembly
- (2) Fixing bolts

Front Wheel Removal

1. Raise the front wheel off the ground by placing a support block under the engine.
2. Remove the left caliper assembly (1) from the fork leg by removing the fixing bolts (2).

CAUTION:

* To avoid damage to the brake hose, support the caliper assembly so that it doesn't hang from the hose. Do not twist the brake hose.

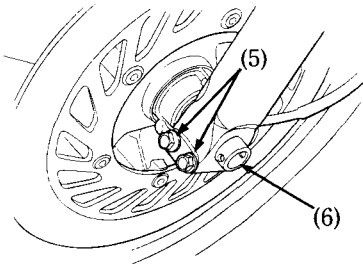


- (3) Speedometer cable
- (4) Cable set screw

3. Disconnect the speedometer cable (3) from the speedometer gear box by removing the cable set screw (4).

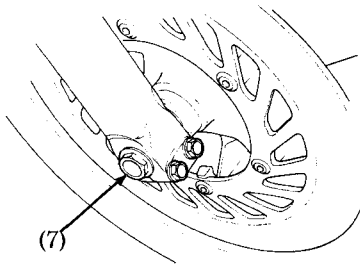
NOTE:

* Do not depress the brake lever when the wheel is off the motorcycle. The caliper piston will be forced out of the cylinder with subsequent loss of brake fluid. If this occurs, servicing of the brake system will be necessary. See your authorized Honda dealer for this service.



- (5) Axle pinch bolts
(6) Front axle

4. Loosen the right and left axle pinch bolts (5), and remove the axle bolt (7).
5. Withdraw the front axle (6) and remove the front wheel.



- (7) Axle bolt

Installation Notes:

Position the front wheel between the fork legs and insert the axle from the left side, through the left fork leg and wheel hub.

CAUTION:

- * When installing the wheel, fit the left brake disc carefully between the brake pads to avoid damaging the pads.

Position the lug on the speedometer gear box against the lug (8) on the left fork leg. Tighten the axle bolt to the specified torque.

Front axle torque :

60 N·m (6.0 kg-m , 43 lb-ft)

Fit the caliper over the disc, taking care not to damage the brake pads. Install the caliper fixing bolts, and tighten to a torque of :

31 N·m (3.1 kg-m , 22 lb-ft)



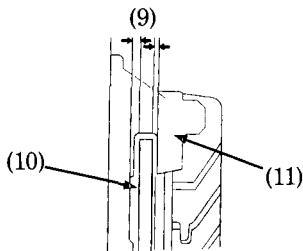
(8) Lug

Measure the clearance (9) between each surface of the left brake disc (10) and the left caliper holder (11) with a 0,7 mm (0,028 in) feeler gauge (12) (see illustration).

If the gauge inserts easily, tighten the right and left axle pinch bolts (5) to the specified torque.

Axle pinch bolt torque:

22 N·m (2.2 kg·m , 16 lb-ft)



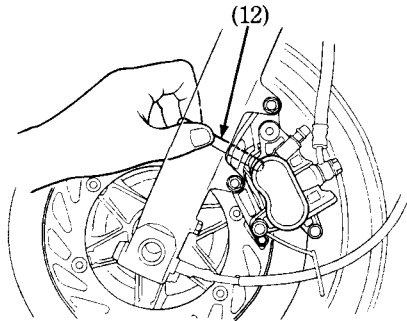
(9) Clearance

(10) Brake disc

(11) Caliper holder

▲ WARNING

*** If a torque wrench was not used for installation, see your authorized Honda dealer as soon as possible to verify proper assembly. Improper assembly may lead to loss of braking capacity.**



(12) Feeler gauge

If the feeler gauge cannot be inserted easily, pull the left fork outward or push inward until the gauge can be inserted and tighten the axle pinch bolts with the gauge inserted. After tightening, remove the gauge. After installing the wheel, apply the brakes several times, then recheck both discs for caliper holder to disc clearance. Do not operate the motorcycle without adequate clearance.

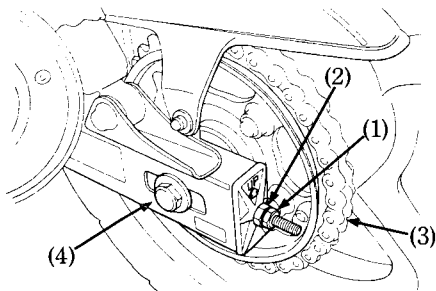
⚠ WARNING

- * **Failure to provide adequate disc to caliper holder clearance may damage the brake discs and impair braking efficiency.**

Rear Wheel Removal

(Refer to the maintenance precautions on page 50).

1. Place the motorcycle on its center stand.
2. Loosen the drive chain adjusting nut lock nuts (1) and adjusting nuts (2).
3. Remove the rear axle nut.
4. Remove the drive chain (3) from the driven sprocket by pushing the rear wheel forward.



- (1) Lock nuts
(2) Adjusting nuts
(3) Drive chain

(4) Axle shaft

5. Remove the axle shaft (4), side collar and rear wheel from the swing arm.

NOTE:

- * Do not depress the brake pedal while the wheel is off the motorcycle. The caliper pistons will be forced out of the cylinders with subsequent loss of brake fluid. If this occurs, servicing of the brake system will be necessary. See your authorized Honda dealer for this service.

Installation

To install the rear wheel, reverse the removal procedure. Torque the axle nut to the specified torque.

Axle nut torque:

90 N·m (9.0 kg-m, 65 lb-ft)

CAUTION:

- * **When installing the wheel carefully, fit the brake disc between the brake pads to avoid damaging the pads.**

After installing the wheel, apply the brake several times and then check if the wheel rotates freely. Recheck the wheel if the brake drags or if the wheel does not rotate freely.

▲ WARNING

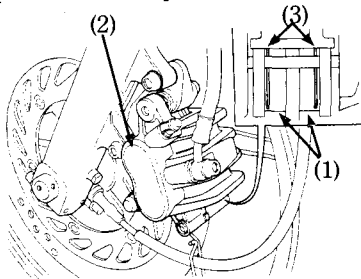
- * **If a torque wrench was not used for installation, see your authorized Honda dealer as soon as possible to verify proper assembly. Improper assembly may lead to loss of braking capacity.**

BRAKE PAD WEAR

(Refer to the maintenance precautions on page 50).

Brake pad wear will depend upon the severity of usage, type of riding and condition of the roads. The pads (1) will wear faster on dirty and wet roads. Inspect the pads visually from under the caliper (2) during all regular service intervals to determine the pad wear.

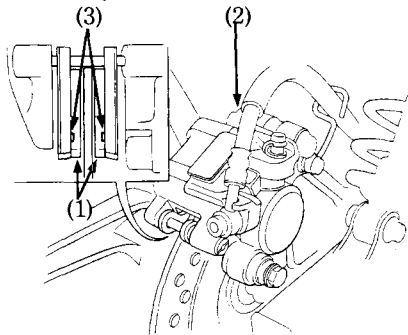
If either pad wears to the wear line (3), both pads must be replaced as a set.



(FRONT) (1) Pads (3) Wear lines
(2) Caliper

NOTE:

- * Use only genuine Honda replacement friction pads offered by authorized Honda dealers. When brake service is necessary consult your Honda dealer.



(REAR) (1) Pads (3) Wear lines
(2) Caliper

BATTERY

(Refer to the maintenance precautions on page 50).

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

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

▲ WARNING

- * The battery gives off explosive gases; keep sparks, flames, and cigarettes away. Provide adequate ventilation when charging or using the battery in an enclosed space.

▲ WARNING

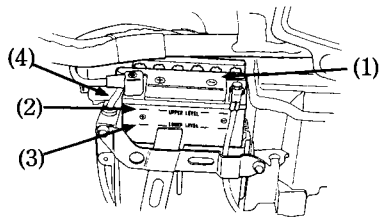
- * The battery contains sulfuric acid (electrolyte). Contact with skin or eyes may cause severe burns. Wear protective clothing and a face shield.
 - If electrolyte gets on your skin, flush with water.
 - If electrolyte gets in your eyes, flush with water for at least 15 minutes and call a physician immediately.
- * Electrolyte is poisonous.
 - If swallowed, drink large quantities of water or milk and follow with milk of magnesia or vegetable oil and call a physician.
- * **KEEP OUT OF REACH OF CHILDREN.**

Battery electrolyte:

The battery (1) is behind the right side cover. Remove the right side cover (page 33).

Check the electrolyte level with the motorcycle in an upright position on level ground. The electrolyte level must be maintained between the UPPER (2) and LOWER (3) level marks on the side of the battery.

If the electrolyte level is low, remove the filler caps. Carefully add distilled water to upper level mark, using a small syringe or plastic funnel.



- (1) Battery (2) UPPER level
(3) LOWER level (4) Battery breather tube

CAUTION:

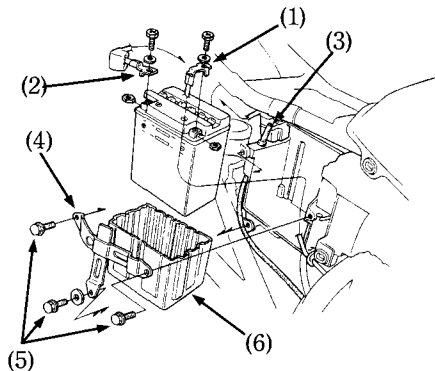
- * When checking the battery electrolyte level or adding distilled water, make sure the breather tube is connected to the battery breather outlet.
- * Use only distilled water in the battery. Tap water will shorten the service life of the battery.
- * Filling the battery above the UPPER LEVEL line may cause the electrolyte to overflow, resulting in corrosion to engine or frame parts. Immediately wash off any spilled electrolyte.
- * The battery breather tube must be routed as shown on the label. Do not bend or twist the breather tube. A bent or kinked breather tube may pressurize the battery and damage its case.

CAUTION:

* When the motorcycle is to be stored for an extended period of time, remove the battery from the motorcycle and charge it fully. Then store it in a cool, dry place. If the battery is to be left in the motorcycle, disconnect the negative cable from the battery terminal.

Battery Removal:

1. Remove the right side cover (page 33).
2. Disconnect the negative (-) terminal lead (1) from the battery first, then disconnect the positive (+) terminal lead (2).
3. Disconnect the battery breather tube (3).
4. Remove the battery holder (4) by removing the three bolts (5).
5. Pull out the battery box (6) and remove the battery.



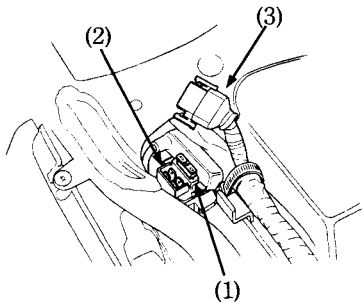
- (1) Negative (-) terminal lead
- (2) Positive (+) terminal lead
- (3) Battery breather tube
- (4) Battery holder
- (5) Bolts
- (6) Battery box

FUSE REPLACEMENT

(Refer to the maintenance precautions on page 50).

The main fuse (1), located on the starter magnetic switch (2) below the seat , is 30 A.

The spare main fuse(6) is located near the fuse box. The fuse box (4) is also located below the seat.



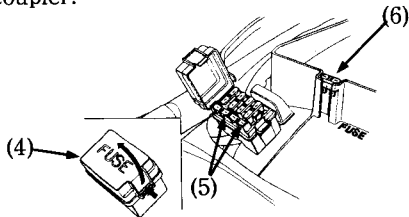
- (1) Main fuse (2) Starter magnetic switch
(3) Wire coupler

When frequent fuse failure occurs, it usually indicates a short circuit or an overload in the electrical system. See your authorized Honda dealer for repair.

CAUTION:

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

To replace the main fuse (1), remove the right side cover (page 33), disconnect the wire coupler (3) and remove the old fuse. Install a new fuse and reconnect the wire coupler.

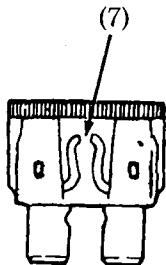


- (4) Fuse box (5) Spare fuses
(6) Spare main fuse

To replace fuses in the fuse box (4), remove the the fuse box cover.

The spare fuses (5) are located in the fuse box.

Pull the old fuse out of the clips. Push a new fuse into the clips and install the fuse box cover.



(7) Blown 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.**

BULB REPLACEMENT

(Refer to the maintenance precautions on page 50).

Headlight/Position Light Bulb

▲ WARNING

- * The light bulb becomes very hot while the light is ON, and remain hot for a while after it is turned OFF. Be sure to let it cool down before servicing.

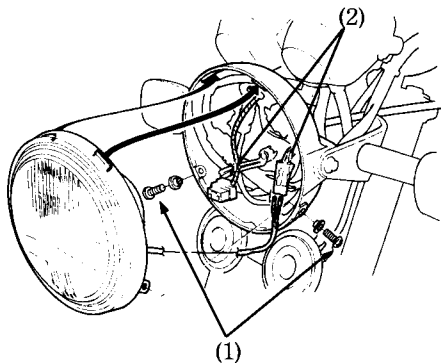
CAUTION:

- * Wear clean gloves while replacing the bulb.
- * Do not put finger prints on the headlight bulb, as they may create hot spots on the bulb and cause it to break.
- * If you touch the bulb with your bare hands, clean it with a cloth moistened with alcohol to prevent its early failure.

NOTE:

- * Be sure to turn the ignition switch OFF when replacing the bulb.

1. Remove the screws(1) from the headlight case.
2. Gently pull the headlight forward and disconnect the connectors(2).

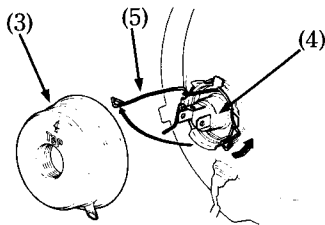


- (1) Screws
(2) Connectors

3. Remove the seat rubber (3).
4. Remove the bulb (4) while pressing down on the pin (5).
5. Install a new bulb in the reverse order of removal.

NOTE:

- * Do not use bulbs other than that specified.
- * After installing a new bulb, check that the light operates properly.



(3) Seat rubber

(5) Pin

(4) Bulb

Stop/Taillight Bulb

▲ WARNING

- * The light bulb becomes very hot while the light is ON, and remain hot for a while after it is turned OFF. Be sure to let it cool down before servicing.

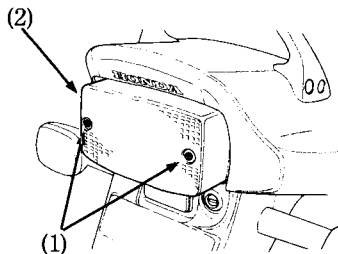
CAUTION:

- * Wear clean gloves while replacing the bulb.
- * If you touch the bulb with your bare hands, clean it with a cloth moistened with alcohol to prevent its early failure.

NOTE:

- * Be sure to turn the ignition switch OFF when replacing the bulb.

1. Remove the two screws(1).
2. Remove the taillight lens(2).

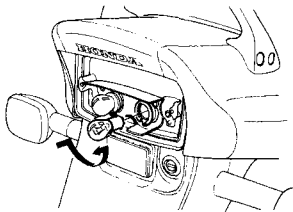


- (1) Screws
- (2) Taillight lens

3. Slightly press down on the bulb and turn it counterclockwise.
4. Install a new bulb in the reverse order of removal.

NOTE:

- * Do not use bulbs other than that specified.
- * After installing a new bulb, check that the light operates properly.



Front/Rear Turn Signal Bulb

▲ WARNING

- * The light bulb becomes very hot while the light is ON, and remain hot for a while after it is turned OFF. Be sure to let it cool down before servicing.

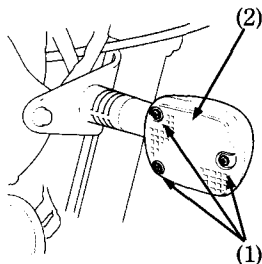
CAUTION:

- * Wear clean gloves while replacing the bulb.

NOTE:

- * Be sure to turn the ignition switch OFF when replacing the bulb.

1. Remove the three screws(1).
2. Remove the turn signal lens(2).

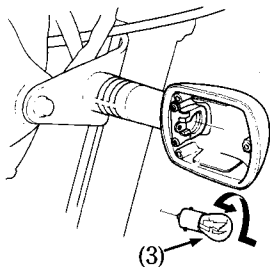


- (1) Screws
- (2) Turn signal lens

3. Remove the bulb(3) by pressing in and turning counterclockwise.
4. Install a new bulb and check that the light operates properly.

NOTE:

- * Do not use bulbs other than that specified.
- * After installing a new bulb, check that the light operates properly.



(3) Bulb

CLEANING

Clean your motorcycle regularly to protect the surface finishes and inspect for damage, wear, and oil or brake fluid leakage.

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:

Ignition Switch	Instruments
Carburetors	Wheel Hubs
Drive Chain	Muffler Outlets
Under Seat	Under Fuel Tank
Handlebar Switches	
Brake Master Cylinder	

1. After cleaning, rinse the motorcycle 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 area gently rinsing it frequently with fresh water.
2. Dry the motorcycle, start the engine, and let it run for several minutes.
 3. Test the brakes before riding the motorcycle. Several applications may be necessary to restore normal braking performance.
 4. Lubricate the drive chain immediately after washing and drying the motorcycle.

▲WARNING

- * **Braking efficiency may be temporarily impaired immediately after washing the motorcycle. Anticipate longer stopping distance to avoid a possible accident.**

Aluminum Wheel Maintenance

Aluminum corrodes when it comes in contact with dust, mud, road salt, etc. After riding, clean the wheels with a wet sponge and mild detergent, then rinse well with water and wipe dry with a clean cloth.

CAUTION:

- * Do not use steel wool or a cleaner containing abrasives or compounds to clean the wheels, as they can cause damage.
- * Do not ride over a curb or rub the wheel against an obstacle, as wheel damage may result.

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 motorcycle. In addition, necessary repairs should be made **BEFORE** storing the motorcycle; otherwise, these repairs may be forgotten by the time the motorcycle is removed from storage.

STORAGE

1. Change the engine oil and filter.
2. Make sure the cooling system is filled with a 50/50% antifreeze solution.
3. Drain the fuel tank and carburetors into an approved petrol container. Spray the inside of the tank with an aerosol rust-inhibiting oil.

Reinstall the fuel 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

- * **Petrol 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 petrol is drained or stored and where the fuel tank is refueled.**

4. Remove the spark plugs and pour a tablespoon (15–20 cc) of clean engine oil into each cylinder. Crank the engine several times to distribute the oil, then reinstall the spark plugs.

NOTE:

- * When turning the engine over, the engine Stop Switch should be OFF and each 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.
Slow charge the battery once a month.
6. Wash and dry the motorcycle. Wax all painted surfaces. Coat chrome with rust-inhibiting oil.
7. Inflate the tyres to their recommended pressures. Place the motorcycle on blocks to raise both tyres off the ground.
8. Cover the motorcycle (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 motorcycle in direct sunlight.

REMOVAL FROM STORAGE

1. Uncover and clean the motorcycle.
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 petrol.
4. Perform all Pre-ride Inspection checks (page 34).
Test ride the motorcycle at low speeds in a safe riding area away from traffic.

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.

SPECIFICATIONS

DIMENSIONS

Overall length	2,220 mm (87.4 in) · · AR, IG, IIG, IIIG, SW
Overall width	2,155 mm (84.8 in) · · E, ED, F, SP, U
Overall height	780 mm (30.7 in)
Wheelbase	1,100 mm (43.3 in)
	1,495 mm (58.9 in)

WEIGHT

Dry weight	215.0 kg (474.0 lbs)
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CAPACITIES

Engine oil	After draining	2.8 ℓ (3.0 US qt , 2.5 Imp qt)
	After draining and oil filter change	3.0 ℓ (3.2 US qt , 2.6 Imp qt)
	After disassembly	3.8 ℓ (4.0 US qt , 3.3 Imp qt)
Fuel tank		20.0 ℓ (5.28 US gal , 4.40 Imp gal)
Fuel reserve		3.5 ℓ (0.92 US gal , 0.77 Imp gal)
Passenger capacity		Operator and one passenger
Maximum weight capacity		190 kg (419 lbs)

ENGINE

Bore and stroke	67 x 53 mm (2.64 x 2.09 mm)
Compression ratio	9.3 : 1
Displacement	747 cm ³ (45.6 cu-in)
Spark plug	DPR8EA—9(NGK)
Standard	X24EPR—U9(NIPPONDENSO)
Spark plug gap	0.8—0.9 mm (0.03—0.04 in)
Idle speed	1,200 \pm 100 min ⁻¹ (rpm)
	1,200 \pm 50 min ⁻¹ (rpm) · · SW

CHASSIS AND SUSPENSION

Caster	26°
Trail	91 mm (3.6 in)
Tyre size, front	120/70R17 58V (DUNLOP) 120/70ZR17 (MICHELIN)
Tyre size, rear	150/70R17 69V (DUNLOP) 150/70ZR17 (MICHELIN)

POWER TRANSMISSION

Primary reduction	1.7805
Gear ratio, 1st	3.0000
2nd	2.0556
3rd	1.5455
4th	1.2400
5th	1.0741
Final reduction	2.6670

ELECTRICAL

Battery

12V — 14Ah

Generator

20A/4,350 min⁻¹(rpm)

LIGHTS

Headlight (HIGH/LOW)

12V — 60/55W

Tail/brake light

12V — 3/32cp

Turn signal light

Front

12V — 32/3cp

Rear

12V — 32cp

Instrument lights

12V — 3.4W x 2

Neutral indicator light

12V — 1.7W

Turn signal indicator light

12V — 1.7W

High beam indicator light

12V — 1.7W

Oil pressure warning light

12V — 1.7W

Side stand indicator

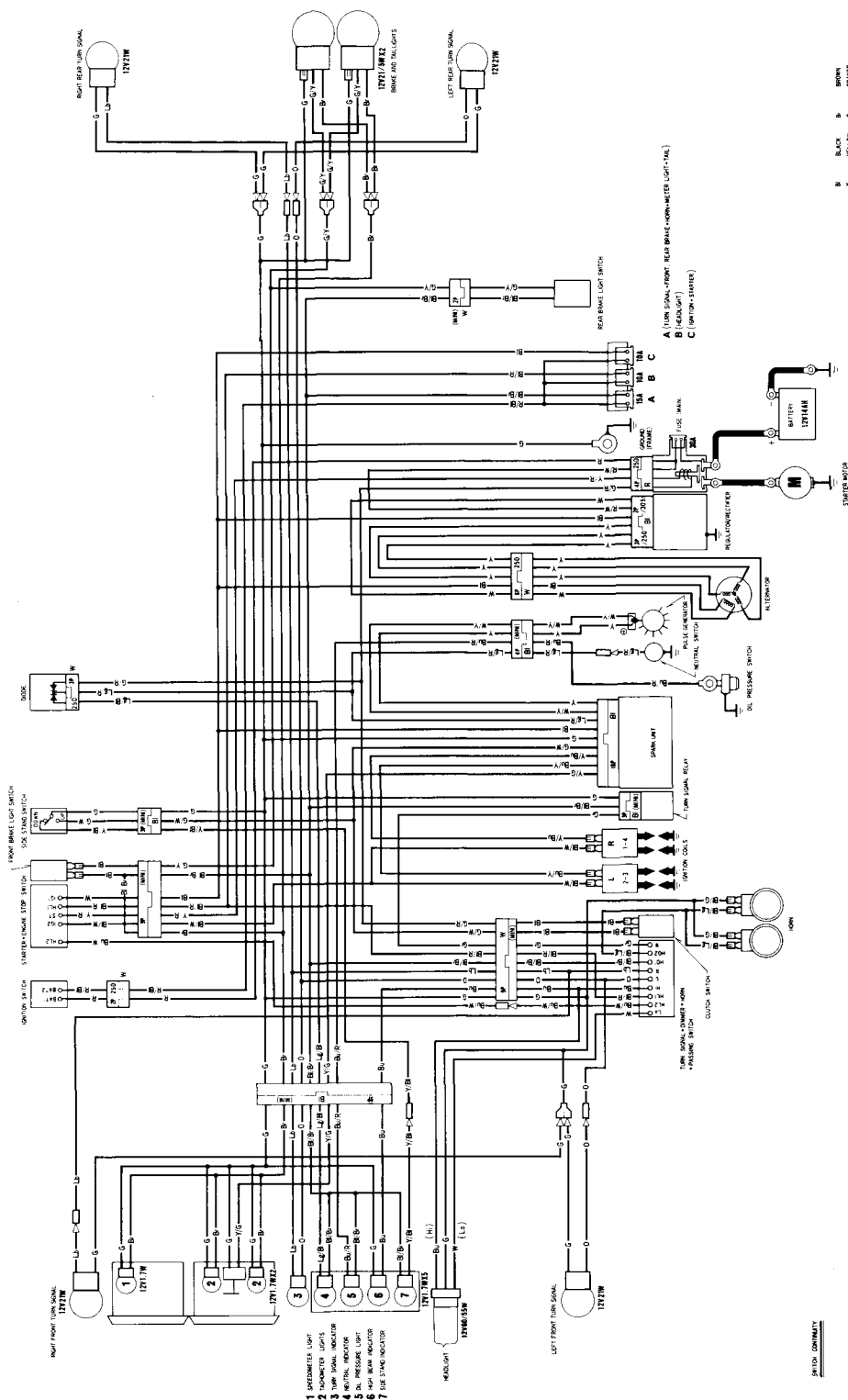
12V — 1.7W

FUSE

30A(Main fuse)


10A,15A


CB750F2
(U)












B	BLACK	B	BROWN
Y	YELLOW	O	ORANGE
B	BLUE	L	LIGHT BLUE
G	GREEN	L	LIGHT GREEN
R	RED	P	PINK
W	WHITE	G	GRAY

	IGI (GATE)	ST	HEL (GATE)	HEL
FREE				
PUSH				
COLOR	W	Y/R	B/R	B/W

INDIC. STOP SWITCH	IG1	IG2					
	[BAT3]						
RUN							
OFF							
COLOR						W	BUW

HLI (BIT 4)	Hi
FREE	
PUSH	
COLOR	BU

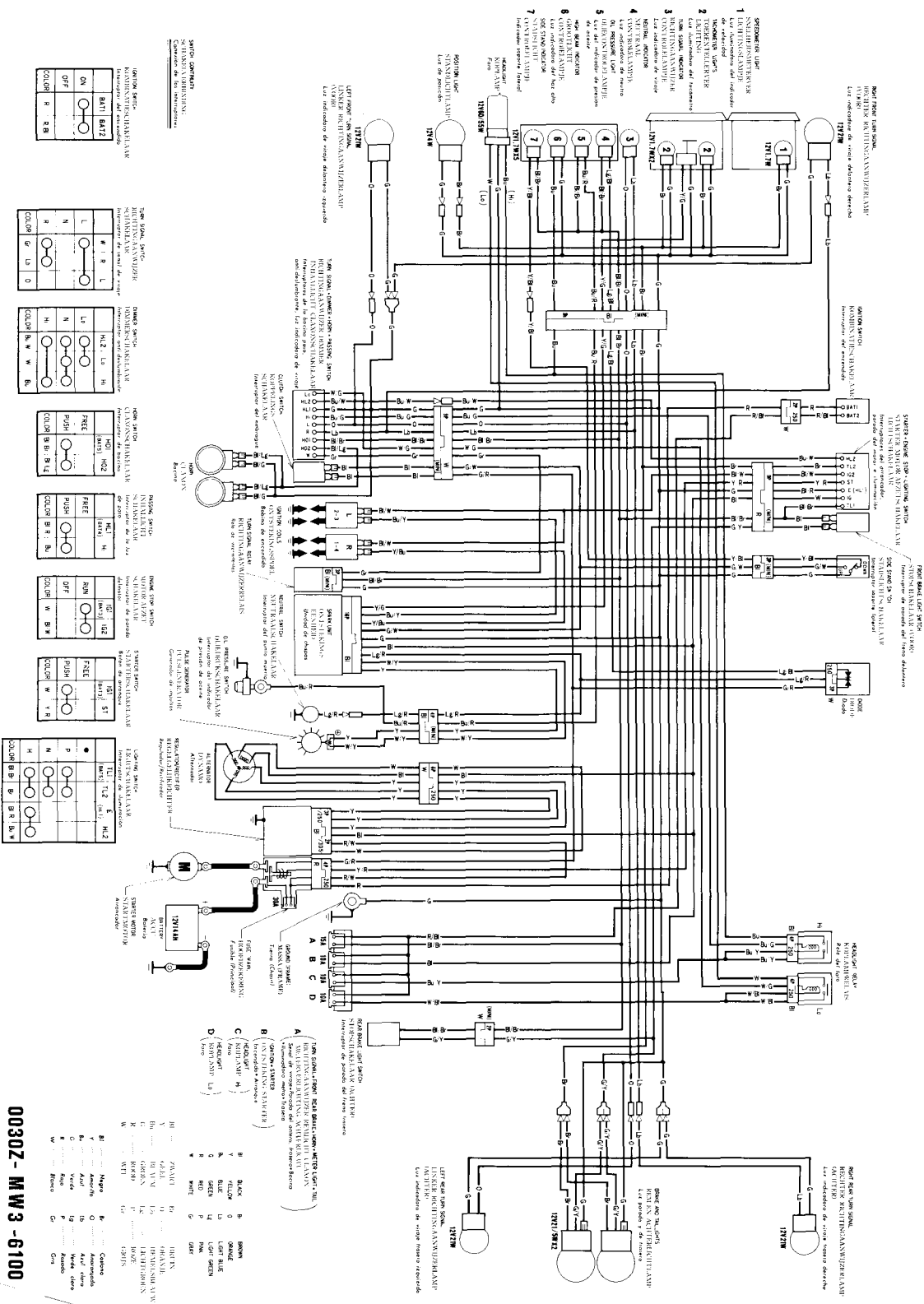
FREE	HO1 (BATS)	HO2
USH		
OLOR	BI Br	BI Lg

	HL2	Lo	Hi
Lo			
N			
Hi			
COLOR	BU	W	BU

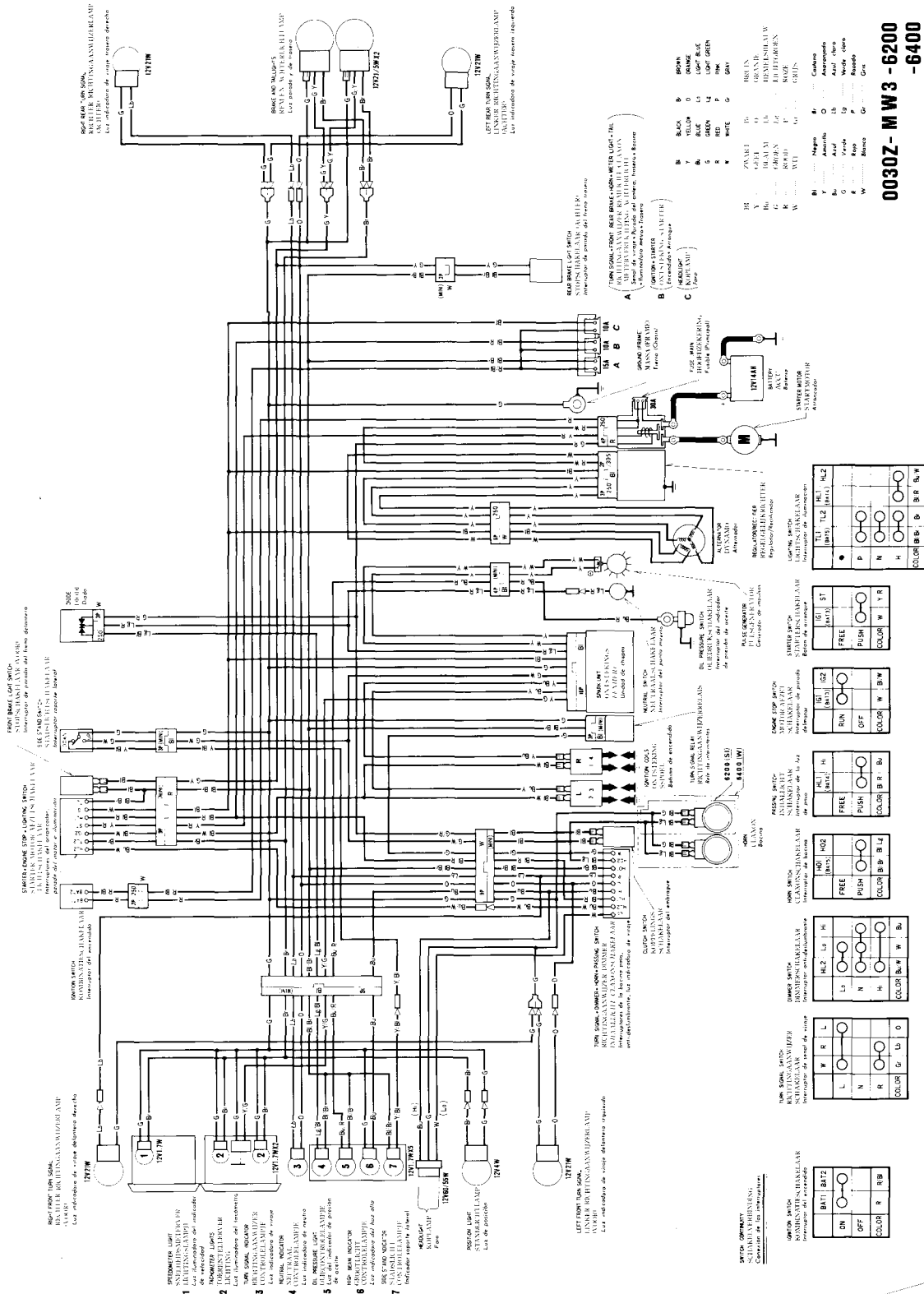
DOWN SIGNAL SWITCH		W	R	L
L		○	○	○
N				
R		○	○	
COLOR		G	LB	O

	BAT1	BAT2
ON		
OFF		
COLOR	R	R/B

**CB750F2
(IG, IIG, IIIG)**



CB750F2



0030Z - MW 3 - 6200
- 6400