

HONDA

@ 125/150

@ 125/150 ES

OWNER'S MANUAL

MANUAL DEL PROPIETARIO

MANUAL DO PROPRIETÁRIO

HONDA

@ 125/150

@ 125/150 ES

OWNER'S MANUAL 

IMPORTANT NOTICE

OPERATOR AND PASSENGER

This scooter is designed to carry the operator and one passenger. Never exceed the maximum weight capacity as shown.

ON-ROAD USE

This scooter is designed for road use only.

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

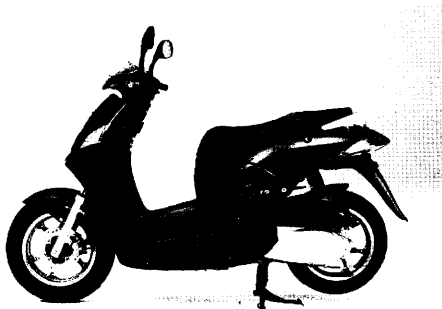
- Indicates a possibility of personal injury or equipment damage if instructions are not followed.

NOTE:

- Gives helpful information.

This manual must be considered part of the scooter and must be handed over with it when sold.

HONDA @125/150 - @ 125/150 ES OWNER'S MANUAL



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WELCOME

Thank you for purchasing this Honda scooter and we wish you many kilometers/miles of happy riding in the years to come. In order to enjoy safer riding and get more from your scooter read this manual carefully before taking to the road. Your safety depends not only on your own alertness and familiarity with the scooter, but also on the vehicles mechanical condition. A pre-ride inspection before every ride and regular maintenance are essential.

When you require maintenance or repairs remember that your Honda dealer knows how to help you get the best out of your scooter.

Thank you for choosing a Honda, and we wish you pleasant riding.

- The following codes used in this guide indicate the countries as shown:

@125 - @ 125 ES		@150 - @150 ES	
ED	ITALY, SPAIN, BELGIUM, PORTUGAL	ED	ITALY, SPAIN, HOLLAND
	GERMANY, HOLLAND	E	UNITED KINGDOM
	AUSTRIA, SWITZERLAND	F	FRANCE
F	FRANCE		
E	UNITED KINGDOM		

- Specifications may vary according to the country of destination.

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SAFE RIDING

⚠ WARNING

- **You must take all precautions necessary to ensure your safety when riding your scooter. Before riding make sure you know the following rules.**

SAFE RIDING RULES

1. Always make a pre-ride inspection (page 52) before you start the engine and then carry out any necessary repairs. You may prevent an accident or equipment damage.
2. Many accidents involve inexperienced riders. Most countries require a special scooter riding test or license. Make sure you are qualified before you ride. NEVER lend your scooter to an inexperienced rider.
3. Many automobile/scooter accidents happen because the car driver does not see the rider. Make yourself well visible to help avoid the accident which you were not responsible for:
 - Wear bright or reflective clothing.
 - Do not ride in another motorist "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 is safe under the conditions you are riding in.
 - Always signal clearly your intention to change direction or lane. The size and agility of your scooter may confuse other drivers.

5. Do not let other motorists surprise you use extra caution at intersections, parking lot entrances and driveways.
6. Always keep both hands on the handlebars and both feet on the foot rests while driving.
7. Never leave the scooter unattended with the engine running.
8. Keep your speed low when riding on bumpy roads. Avoid hitting road hazards such as sharp bumps and holes in the road surface. These can cause loss of control or structural damage to the vehicle.

PROTECTIVE CLOTHING

ALWAYS WEAR A HELMET.
ALSO WEAR A VISA OR GLASSES.

WEAR BRIGHT OR
REFLECTIVE
CLOTHING



CLOTHES SHOULD BE
CLOSE FITTING

WEAR GLOVES

SHOES SHOULD BE CLOSE FITTING
WITH LOW HEALS AND MUST PROTECT
YOUR ANKLES.

MODIFICATIONS

⚠ WARNING

- **Modifications to the scooter or removal of any original equipment may make it unsafe or illegal.**

Obey all national and local equipment regulations.

LOAD AND ACCESSORIES

⚠ WARNING

- **Honda original accessories have been designed specifically for this scooter. Other types of accessories have not been tested for this machine. Therefore you are responsible for the choice installation and use of non original Honda accessories. Always follow the instructions on weight:**

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

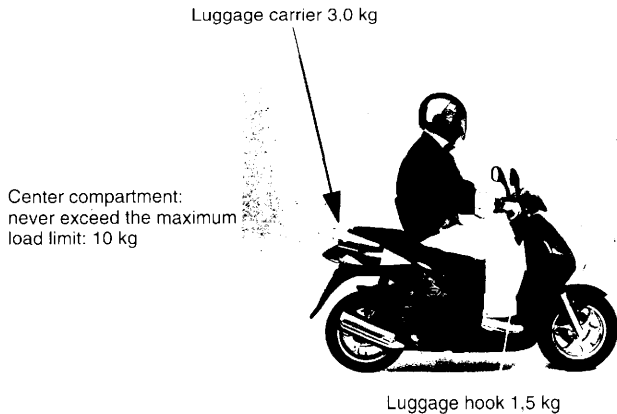
1. The combined weight of the scooter, load, and any accessories must not exceed the maximum weight bearing capacity of 180 kg.

Never exceed the weight limits indicated below for the Front bag hook 1,5 kg
Rack 3,0 kg

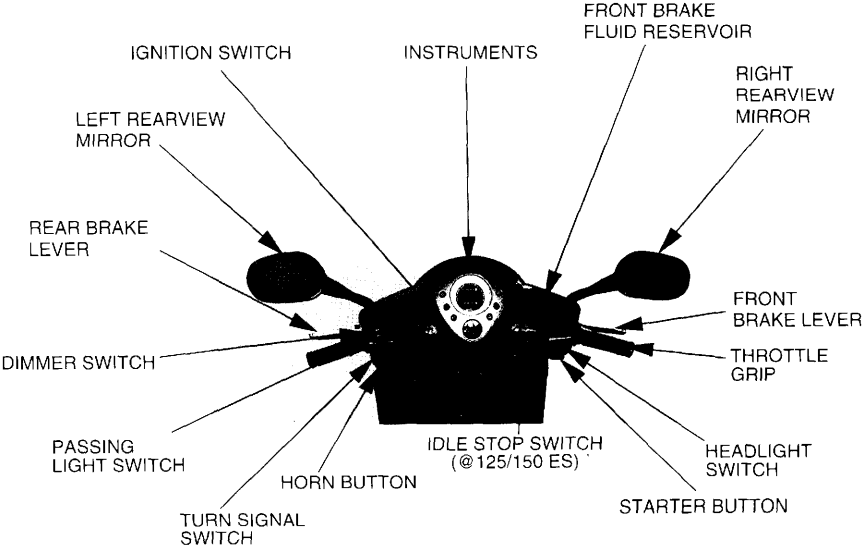
- Do not exceed the following limits for the central compartment: 10 kg
 - Overloading any of these compartments will adversely affect the stability and handling of the scooter.
2. Do not install another fairing or modify the existing one.
 3. Do not carry items that protrude beyond the rack or block the taillight.
 4. Do not carry children or animals in the rear compartment.
 5. Keep load weight low and as close as possible to the center of the scooter. The further away the weight is from the center of gravity the harder the vehicle is to handle.
 6. Ensure that accessories do not completely or partly obscure any of the lights, they can reduce the light on the ground and the angle of inclination, or they limit travel on the suspension, the rotation of the handlebars and the control operations.

7. Badly fitted fairing or wind shields can cause aerodynamic resistance and make the scooter unstable to ride. Do not fit fairing that reduce or block the passage of air towards the engine.
8. Do not fit accessories which alter the driving position, distancing hands or feet from the controls, these can increase reaction times in emergency situations.
9. Don not fit electrical instruments which alter the scooter's electrical capacity. If a fuse blows it may cause a dangerous reduction in light or in engine performance.
10. This scooter was not designed to pull side-cars and trailers. These, if installed, would seriously compromise the handling of the scooter.
11. Any changes made to the cooling equipment may cause over heating and seriously damage the engine. Do not modify the radiator or install accessories which block or deviate the flow of air from the radiator.

Overloading the scooter makes it unstable and difficult to handle



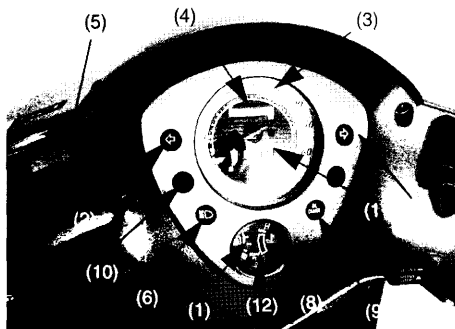
LOCATION OF INSTRUMENTS



INSTRUMENTS AND INDICATORS

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

- (1) Fuel gauge
- (2) Left turn indicator
- (3) Speedometer
- (4) Odometer
- (5) Digital clock
- (6) High beam indicator
- (7) Right turn indicator
- (8) Coolant temperature gauge
- (9) Maintenance indicator
- (10) Tripmeter reset knob
- (11) Tripmeter
- (12) Standby indicator (@ 125/150 ES)

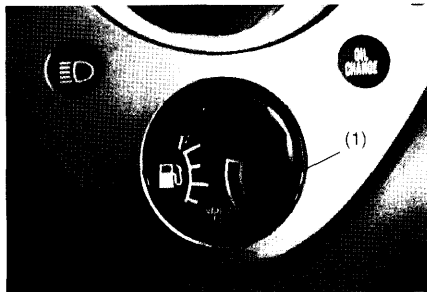


Rif. No.	Description	Function
1	Fuel gauge	Shows approximate fuel supply available (see page 14).
2	Left turn indicator	Flashes when left turn signal is used.
3	Speedometer	Indicates driving speed.
4	Odometer	Indicates total number of kilometers run.
5	Digital clock	Shows hours and minutes (see page15).
6	High beam indicator (blue)	Lights up when high beam is on.
7	Right turn signal indicator	Lights when the right light turn signal operates.
8	Coolant temperature gauge	Shows coolant temperature (see page 13).
9	Maintenance indicator	When the ignition is turned to ON the indicator lights up and after a few seconds turns off. If the indicator remains on, it means it is time to change the engine oil. Refer to the Maintenance Table (page 70). If the warning lamp does not come on it means there is a fault in the indicator signal system (page16).

Rif. No.	Description	Function
10	Tripmeter reset knob	Zero (0) the temporary odometer by pressing the button.
11	Tripmeter	Indicates the number of kilometers completed on the trip.
12	Standby indicator (@125/150 ES)	Flashes by the idle stop system when the idle stop is functioned.

Coolant temperature gauge

When the needle begins to move above the C (Cold) mark, the engine is warm enough for the motorcycle to be ridden. The normal operating temperature range is within the section between the H and C marks. If the needle reaches the H (Hot) mark, stop the engine and check the reserve tank coolant level. Read pages 23 and 24 and do not ride the motorcycle until the problem has been solved.



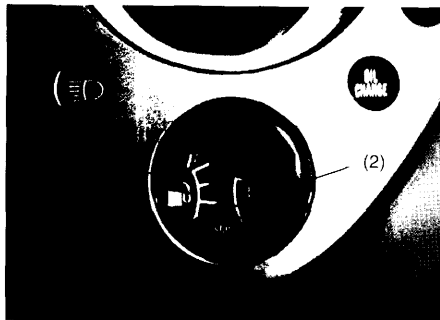
(1) Coolant temperature gauge

CAUTION

- Exceeding maximum running temperature may cause serious engine damage.

Fuel gauge (1)

When the gauge needle enters the red band (2), the fuel level is low and you must refill the tank as soon as possible.

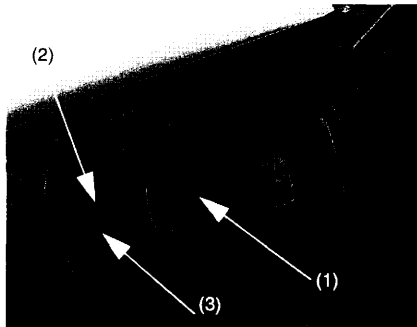


- (1) Fuel gauge
- (2) Red band

Digital clock (1)

Indicates the hours and minutes. To change the hour proceed as follows:

1. Turn the main switch to ON.
2. Press the "H" button (2). To move the time forward keep the button pressed until the hour desired is displayed.
3. Press the "M" button (3). To move the time forward keep the button pressed. When "60" minutes are reached the display will turn to "00" without affecting the hour display.



- (1) Digital clock
- (2) Hour button (H)
- (3) Minute button (M)

Maintenance indicator

When the mileage on your scooter approaches the specified maintenance interval to change the engine oil except for the first 1000 km, the maintenance indicator (1) will come on. After replacing the engine oil, reset the indicator to zero by following procedures given below.

Resetting

1. Turn the ignition switch "ON".
2. Press the reset button (3) using a screwdriver (2) or similar tool.
3. Keep it pressed for at least a second, until the indicator is turned off.
4. Then turn the ignition switch "OFF".



- (1) Indicator
- (2) Screwdriver
- (3) Reset button

NOTE:

- When the ignition switch is turned "ON", the indicator flashes.
- The indicator flashes twice when the reset switch is pressed for at least a second. This means that the indicator has been reset and zeroed.

When the scooter odometer reading reaches the oil replacement service limit (as indicated in the maintenance schedule page 70), the maintenance indicator will light up. Having replaced the engine oil, reset the indicator by pressing the reset button positioned above the indicator.

NOTE:

- The indicator lights up only if the scooter has run for approximately 5000 km, therefore once the engine oil has been changed (except for the first 1000 km) be sure to reset the indicators so that the following maintenance interval is indicated at the specified mileage limit.

MAIN COMPONENTS

(Essential information for running your scooter)

⚠ WARNING

- If you fail to carry out a pre-ride inspection (page 52), before starting out, severe personal injury or damage to the vehicle may result.

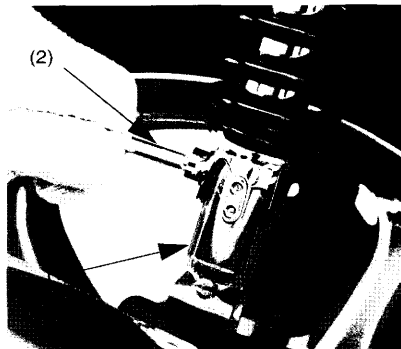
SUSPENSION

The shock absorber (1) pre-load has three adjustment positions for different load types and road conditions.

Use a hook spanner (2) to adjust the rear shock absorber.

Position A is for light loads and good road conditions. Position C increases spring pre-load for a more rigid rear suspension and is used when the motorcycle is heavily loaded.

Position A is standard.



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

BRAKES

This scooter is equipped with a Combined Brake System. Operating the rear brake lever, applies the rear brake and a portion of the front brake. For full braking effectiveness, use both the front and the rear brake levers simultaneously, as you would with a conventional scooter braking system.

As with a conventional scooter braking system, excessively hard application of the brake controls may cause wheel lock, reducing control of the scooter.

For normal braking, apply both the front and the rear brake lever to match your road speed. For maximum braking, close the throttle and firmly apply the front and rear brake lever.

Front brake

The scooter front brake is a hydraulic disc brake. As the brake pads wear, brake fluid level drops.

There are no adjustments to perform, but fluid level and pad wear should be inspected periodically. The system should be inspected frequently to ensure there are no fluid leaks. If the control lever free travel becomes excessive and the brake pads are not worn beyond the recommended limit (page 88), there is probably air in the brake system and it must be bled. See your authorized Honda dealer for this service.

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 fluid gets in your eyes.**
- **KEEP OUT OF REACH OF CHILDREN.**

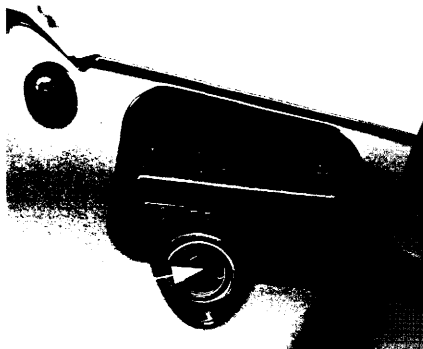
CAUTION

- **Handle brake fluid with care because it can damage plastic and painted surfaces.**
- **When topping up the fluid ensure that the reservoir is horizontal before removing the cap or fluid may spill out.**
- **Use only DOT3 or DOT4 brake fluid from a sealed container.**
- **Keep water or dirt out of the brake fluid tank.**

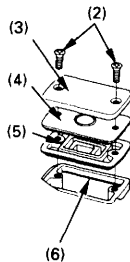
Check that the fluid is always above the lower level mark (1) when the scooter is vertical. Add brake fluid to the reservoir when the level begins to reach the lower level mark (1). Remove the screws (2), the tank cover (3), the diaphragm plate (4) and diaphragm (5). Fill the reservoir with DOT3 or 4 from a sealed container and fill up to the upper level mark (6). Replace the diaphragm and cover. Tighten the screws securely.

Other checks:

Check that there are no fluid leaks. Check for wear and cracks in the hoses and fittings.

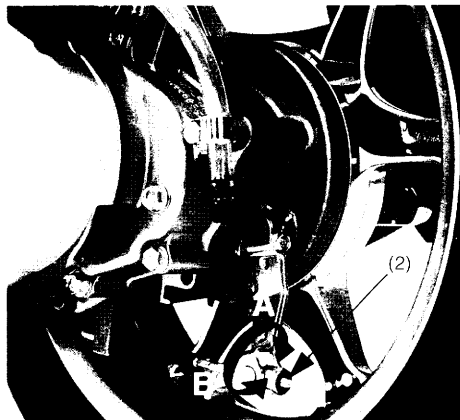
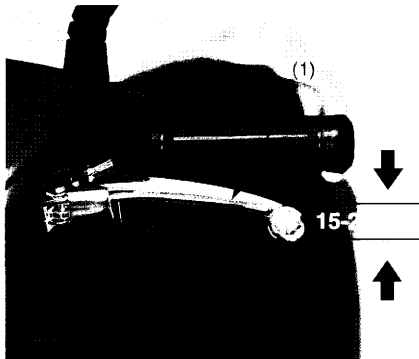


- (1) Lower level mark
- (2) Screws
- (3) Reservoir cover
- (4) Diaphragm support
- (5) Diaphragm
- (6) Upper level mark



Rear brake Adjustment:

1. Measure the distance of movement on the rear brake lever (1) before the brake starts to act. The play on the front brake lever before it starts braking must be 15 - 25 mm. If necessary adjust it, turn the rear brake adjusting nut (2).



- (A) Reducing play
(B) Increasing play

- (1) Rear brake lever
(2) Adjusting nut

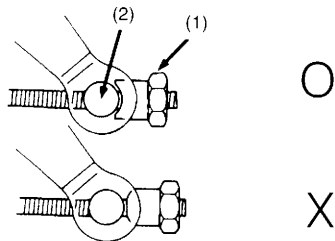
2. Put the brakes on a number of times and check that the wheels move freely when the brake lever is released.

NOTE:

- When the adjustment has been done check that the groove on the adjusting nut (2) fits snugly into the arm pin (3).
- If you are not able to carry out the adjustment in this way, contact your Honda dealer.

Other checks:

Check that the brake arm, the spring and the joints are all in good condition.



(1) Adjusting nut

(2) Arm pin