

2008

OWNER'S MANUAL

CHF50/S
Metropolitan



 **HONDA**

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

This Owner's Manual covers the CHF50 and CHF50S models. You may find descriptions of equipment and features that are not on your particular model. All illustrations are based on the CHF50 model, unless noted otherwise.

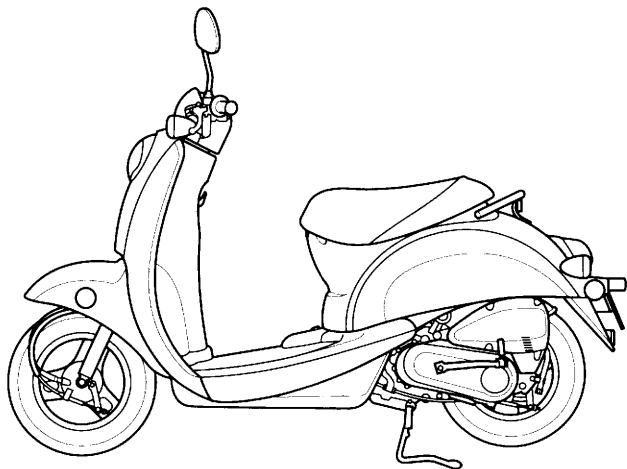
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**2008
Honda CHF50/S
Metropolitan
OWNER'S MANUAL**



Introduction

Congratulations on choosing your Honda scooter.

When you own a Honda, you're part of a worldwide family of satisfied customers — people who appreciate Honda's reputation for building quality into every product.

Your Honda is designed for on road use by one rider only.

Before riding, take time to get acquainted with your scooter and how it works. To protect your investment, we urge you to take responsibility for keeping your scooter well maintained. Scheduled service is a must, of course. But it's just as important to observe the break-in guidelines, and perform all pre-ride and

other periodic checks detailed in this manual.

We also recommend that you read this owner's manual before you ride. It's full of facts, instructions, safety information, and helpful tips. To make it easy to use, the manual contains a detailed list of topics at the beginning of each section, and both an in-depth table of contents and an index at the back of the book.

As you read this manual, you will find information that is preceded by a **NOTICE** symbol. This information is intended to help you avoid damage to your Honda, other property, or the environment.

Introduction

Read the Warranties Booklet (page 189) thoroughly so you understand the coverages that protect your new Honda and are aware of your rights and responsibilities.

If you have any questions, or if you ever need special service or repairs, remember that your Honda dealer knows your scooter best and is dedicated to your complete satisfaction.

Please report any change of address or ownership to your Honda dealer so we will be able to contact you concerning important production information.

You may also want to visit our website at www.honda.com.

Happy riding!

California Proposition 65 Warning
WARNING: This product contains or emits chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.


A Few Words About Safety

Your safety, and the safety of others, is very important. And operating this scooter safely is an important responsibility.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels and in this manual. This information alerts you to potential hazards that could hurt you or others.

Of course, it is not practical or possible to warn you about all hazards associated with operating or maintaining a scooter. You must use your own good judgment.

You will find important safety information in a variety of forms, including:

- **Safety Labels** — on the scooter.
- **Safety Messages** — preceded by a safety alert symbol  and one of three signal words: **DANGER, WARNING, or CAUTION.**

These signal words mean:

Safety Messages

A Few Words About Safety

DANGER

You **WILL** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

WARNING

You **CAN** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

CAUTION

You **CAN** be **HURT** if you don't follow instructions.

- **Safety Headings** — such as Important Safety Reminders or Important Safety Precautions.
- **Safety Section** — such as Scooter Safety.
- **Instructions** — how to use this scooter correctly and safely.

This entire manual is filled with important safety information — please read it carefully.

Contents

These pages give an overview of the contents of your owner's manual. The first page of each section lists the topics covered in that section.

Scooter Safety 1

Important safety information you should know, plus a look at the safety-related labels on your scooter.

Instruments & Controls..... 13

The location and function of indicators and controls on your scooter and operating instructions for various controls and features.

Before Riding 29

The importance of wearing a helmet and other protective gear, how to make sure you and your scooter are ready to ride, and important information about loading.

Basic Operation & Riding 43

How to start and stop the engine, and use the brakes. Also, includes riding precautions and important information about riding with cargo.

Servicing Your Honda 65

Why your scooter needs regular maintenance, what you need to know before servicing your Honda, an owner maintenance schedule, and instructions for specific maintenance and adjustment items.

Tips..... 137

How to store and transport your scooter and how to be an environmentally-responsible rider.

Taking Care of the Unexpected..... 145

What to do if you have a flat tire, your engine won't start, etc.

Technical Information 165

ID numbers, technical specifications, and other technical facts.

Consumer Information..... 187

Information on warranties, emission controls, how to get Honda service manuals, and...

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Quick Reference

Handy facts about fuel, engine oil, tire sizes, and air pressures.

This section presents some of the most important information and recommendations to help you ride your scooter safely. Please take a few moments to read these pages. This section also includes a special message for parents and information about the location of safety labels on your scooter.

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Important Safety Information

Your scooter can provide many years of service and pleasure — if you take responsibility for your own safety and understand the challenges you can meet while riding.

There is much that you can do to protect yourself when you ride. You'll find many helpful recommendations throughout this manual. The following are a few that we consider most important.

Always Wear a Helmet

It's a proven fact: helmets significantly reduce the number and severity of head injuries. So always wear an approved motorcycle helmet. We also recommend that you wear eye protection, sturdy boots, gloves, and other protective gear (page 30).

Never Carry a Passenger

Your scooter is designed for one person only. There are no handholds, footrests, or seat for a second person — so never carry a passenger. A passenger could interfere with your ability to move around to maintain your balance and control of the scooter.

Important Safety Information

Take Time to Learn & Practice

Even if you have ridden other scooters, take time to become familiar with how this scooter works and handles. Practice in a safe area until you build your skills and get accustomed to the scooter's size and weight.

Because many accidents involve inexperienced or untrained riders, we urge all riders to take a certified course approved by the Motorcycle Safety Foundation (MSF). See page 32.

Ride Defensively

The most frequent scooter collision happens when a car turns left in front of a scooter. Another common situation is a car moving suddenly into your lane.

Always pay attention to other vehicles around you, and do not assume that other drivers see you. Be prepared to stop quickly or make an evasive maneuver. For other riding tips, see the booklet, *You and Your Motorcycle: Riding Tips and Practice Guide*, which came with your new scooter (USA only).

Make Yourself Easy to See

Some drivers do not see scooters because they are not looking for them. To make yourself more visible, wear bright reflective clothing, position yourself so other drivers can see you, signal before turning or changing lanes, and use your horn when it will help others notice you.

Important Safety Information

Ride within Your Limits

Pushing limits is another major cause of scooter accidents. Never ride beyond your personal abilities or faster than conditions warrant. Remember that alcohol, drugs, fatigue, and inattention can significantly reduce your ability to make good judgments and ride safely.

Don't Drink and Ride

Alcohol and riding don't mix. Even one drink can reduce your ability to respond to changing conditions, and your reaction time gets worse with every additional drink. So don't drink and ride, and don't let your friends drink and ride either.

Keep Your Honda in Safe Condition

It's important to keep your scooter properly maintained and in safe riding condition. To help avoid problems, inspect your scooter before every ride and perform all recommended maintenance. Never exceed load limits (page 38), and do not modify your scooter (page 10) or install accessories that would make your scooter unsafe (page 9).

Important Message to Parents

In certain states, it may be legal for a young person to operate this scooter. If it is permissible in your area and you plan to allow a young person to operate this scooter, we urge you to read this message. Your child's safety is very important to Honda.

Riding a scooter can be fun. But, as with riding a bicycle, bad judgment can result in injury, and we don't want that to happen! As a parent, you can help prevent accidents by making good decisions about if, when, and how your youngster rides this scooter.

Riding Readiness

The first decision you'll need to make is whether your youngster is ready to ride. Riding readiness varies widely from one person to another, and age and size are not the only factors.

PHYSICAL ABILITY is an important consideration. For example, riders must be big enough to hold the scooter up, get on, and comfortably sit on the seat with both feet touching the ground. They should also be able to easily reach and work the brakes, throttle, and all other controls.

Important Message to Parents

ATHLETIC ABILITY is necessary for riding a scooter. Generally speaking, your youngster should be good at riding a bicycle before getting on a scooter. Can your youngster judge speeds and distances while riding a bicycle and react with proper hand and foot actions? Anyone who does not have good coordination, balance, and agility is not ready to ride this scooter.

MENTAL AND EMOTIONAL MATURITY are requirements for safe riding. Does your youngster think through problems and come to logical solutions? On a bicycle, does your youngster obey safe riding rules? Be honest! Young people who take unnecessary risks, make bad judgments, and don't obey rules are not ready to ride this scooter.

Instruction and Supervision

If you decide that your youngster is ready to safely operate this scooter, make sure both of you carefully read and understand the owner's manual before riding. Also be sure that your youngster has a helmet and other appropriate riding equipment and always wears it when operating the vehicle or sitting on it.

GOOD INSTRUCTION is an important part of hands-on training. The teacher can either be you or another responsible adult who has experience riding. (For help in finding a qualified instructor, talk with your Honda dealer.) Even if you're not the main teacher, it's up to you to ensure your youngster's safety. Remember, learning to ride a scooter is a gradual, step-by-step process. It takes time, patience, and practice — many hours over a period of weeks or months.

Important Message to Parents

SUPERVISION is another important obligation of parents. Even after youngsters have become skilled riders, they should always ride with adult supervision. It helps to regularly remind young riders of basic safety rules and precautions. And remember, it's your responsibility to see that the scooter is properly maintained and kept in safe operating condition.

SAFE AND RESPONSIBLE RIDING must be an on-going commitment — by you and your youngster. When you both put safety first, you can enjoy more peace of mind, and your youngster can enjoy more hours of safe riding.

Modifying your scooter or using non-Honda accessories can make your scooter unsafe. Before you consider making any modifications or adding an accessory, be sure to read the following information.

⚠ WARNING

Improper accessories or modifications can cause a crash in which you can be seriously hurt or killed.

Follow all instructions in this owner's manual regarding accessories and modifications.

Accessories

We strongly recommend that you use only Honda Genuine Accessories that have been specifically designed and tested for your scooter. Because Honda cannot test all other accessories, you must be personally responsible for proper selection, installation, and use of non-Honda accessories.

Check with your Honda dealer for assistance and always follow these guidelines:

- Make sure the accessory does not obscure any lights, reduce ground clearance and lean angle, limit suspension travel or steering travel, alter your riding position, or interfere with operating any controls. (cont'd)

Accessories & Modifications

- Do not add any electrical equipment that will exceed the scooter's electrical system capacity (page 172). A blown fuse can cause a loss of lights or engine power (page 158).
- Do not pull a trailer or sidecar with your scooter. This scooter was not designed for these attachments, and their use can seriously impair your scooter's handling.
- Do not install any fairing or windscreen unless it was designed and tested by Honda for your scooter. Some fairings or windscreens, even smaller ones, can cause unstable handling of your scooter. This is especially true if the fairing or windscreen is poorly designed or improperly mounted.

Modifications

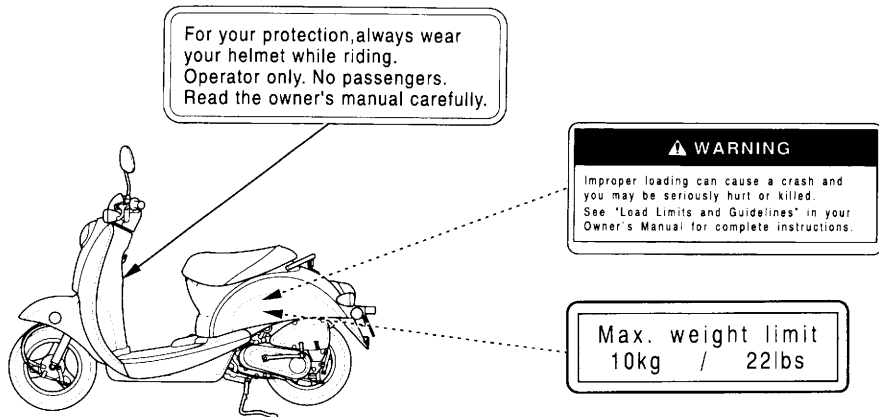
We strongly advise you not to remove any original equipment or modify your scooter in any way that would change its design or operation. Such changes could seriously impair your scooter's handling, stability, and braking, making it unsafe to ride.

Removing or modifying your lights, exhaust system, emission control system, or other equipment can also make your scooter illegal.

Safety Labels

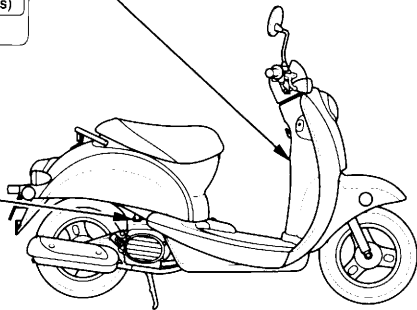
Safety labels on your scooter either warn you of potential hazards that could cause serious injury or they provide important safety information. Read these labels carefully and don't remove them.

If a label comes off or becomes hard to read, contact your Honda dealer for a replacement.



Safety Labels

TIRE INFORMATION		
Cold tire pressures :		
Front	125kPa	1.25kg/cm ² 18psi
Rear	200kPa	2.00kg/cm ² 29psi
Maximum weight capacity : 126kg (277lbs)		
Tire size : Front 90/90-10 50J		
Rear 90/90-10 50J		
Tire brand	Front	Rear
IRC	MB65	MB65
This scooter is equipped with tubeless tires.		
Maximum weight limit :		
Center compartment : 10kg (22lbs)		
Front hook : 1.5kg (3lbs)		
Read owner's manual.		



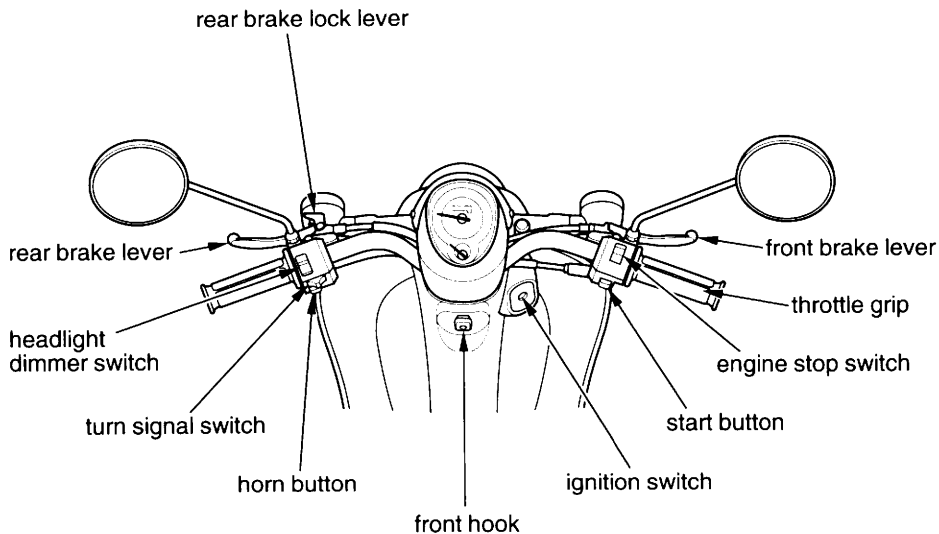
Instruments & Controls

This section shows the location of all gauges, indicators, and controls you would normally use before or while riding your scooter.

The items listed on this page are described in this section. Instructions for other components are presented in other sections of this manual where they will be most useful.

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Operation Component Locations



Operation Component Locations

