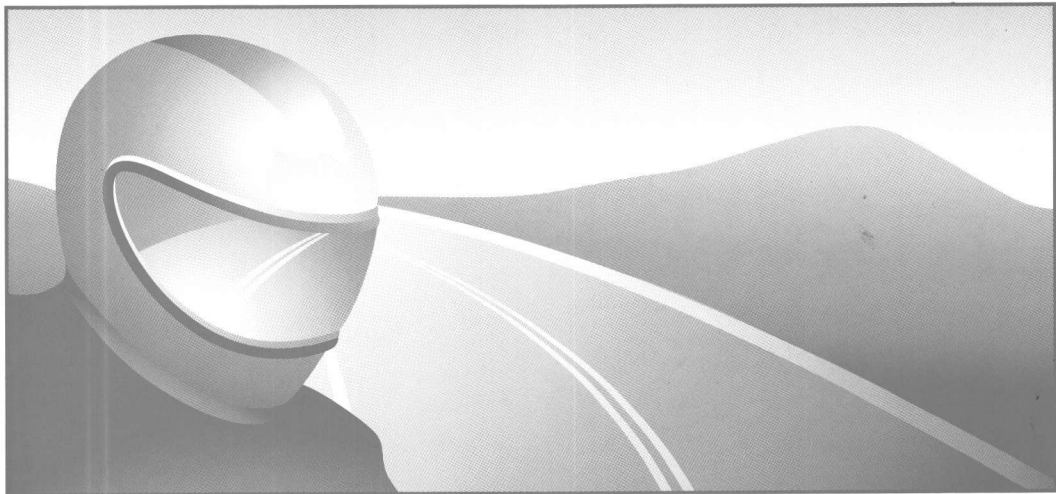


 **HONDA**

**OWNER'S MANUAL**



**VT1300CS ABS**



**Honda VT1300CS ABS**

**OWNER'S MANUAL**

© Honda Motor Co., Ltd. 2010

## **IMPORTANT INFORMATION**

- **OPERATOR AND PASSENGER**

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

- **ON-ROAD USE**

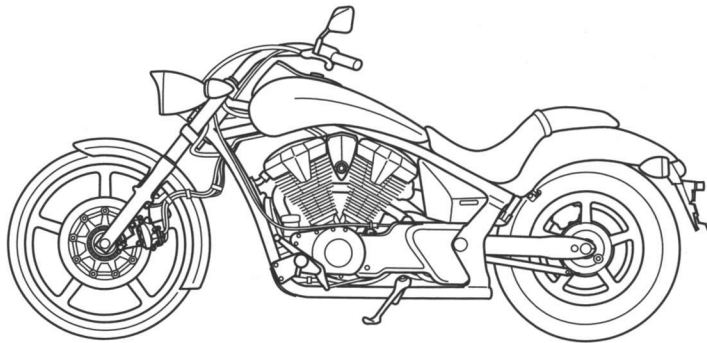
This motorcycle is designed to be used only on the road.

- **READ THIS OWNER'S MANUAL CAREFULLY**

Pay special attention to the safety messages that appear throughout the manual. These messages are fully explained in the "A Few Words About Safety" section which appears before the Contents page.

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

# **Honda VT1300CS ABS OWNER'S MANUAL**



**All information in this publication is based on the latest production information available at the time of approval for printing. Honda Motor Co.,Ltd. reserves the right to make changes at any time without notice and without incurring any obligation.**

**No part of this publication may be reproduced without written permission.**

## 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**.

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 motorcycle, other property, or the environment.

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 Shop Manual to help you perform many maintenance and repair tasks.

Pleasant riding, and thank you for choosing a Honda !

- The following codes in this manual indicate each country.

SI	Singapore
U	Australia      New Zealand

- The specifications may vary with each locale.


## A FEW WORDS ABOUT SAFETY

Your safety, and the safety of others, is very important. And operating this motorcycle 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 motorcycle. You must use your own good judgment.

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

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

These signal words mean:

**▲ 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 Motorcycle Safety.
- **Instructions** — how to use this motorcycle correctly and safely.

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

# OPERATION

page

## **1 MOTORCYCLE SAFETY**

- 1 IMPORTANT SAFETY INFORMATION
- 2 PROTECTIVE APPAREL
- 4 LOAD LIMITS AND GUIDELINES
- 8 IMAGE LABELS

## **13 PARTS LOCATION**

- 16 INSTRUMENTS AND INDICATORS

## **28 MAJOR COMPONENTS**

**(Information you need to operate this motorcycle)**

- 28 SUSPENSION
- 30 BRAKES
- 32 CLUTCH
- 34 COOLANT
- 38 FUEL
- 41 ENGINE OIL
- 42 FINAL DRIVE OIL
- 43 TUBELESS TYRES

page

## **49 ESSENTIAL INDIVIDUAL COMPONENTS**

- 49 IGNITION SWITCH
- 50 KEYS
- 52 IMMOBILIZER SYSTEM (HISS)
- 55 RIGHT HANDLEBAR CONTROLS
- 56 LEFT HANDLEBAR CONTROLS

page

**57 FEATURES**

**(Not required for operation)**

- 57 STEERING LOCK
- 58 HELMET HOLDER
- 59 DOCUMENTS
- 60 SIDE COVERS
- 61 SEAT
- 62 HEADLIGHT AIM VERTICAL  
ADJUSTMENT
- 63 CLIP

page

**64 OPERATION**

- 64 PRE-RIDE INSPECTION
- 65 STARTING THE ENGINE
- 68 RUNNING-IN
- 69 RIDING
- 71 BRAKING
- 75 PARKING
- 76 ANTI-THEFT TIPS

## **MAINTENANCE**

page

<b>77</b>	<b>MAINTENANCE</b>
77	THE IMPORTANCE OF MAINTENANCE
78	MAINTENANCE SAFETY
79	SAFETY PRECAUTIONS
80	MAINTENANCE SCHEDULE
83	TOOL KIT
84	SERIAL NUMBERS
85	COLOUR LABEL
86	ENGINE OIL
91	CRANKCASE BREATHER
92	SPARK PLUGS
96	FINAL DRIVE OIL
97	THROTTLE OPERATION
98	COOLANT
99	AIR CLEANER
101	FRONT AND REAR SUSPENSION INSPECTION
102	SIDE STAND
103	WHEEL REMOVAL
112	BRAKE PAD WEAR

page

114	BATTERY
116	FUSE REPLACEMENT
119	BRAKELIGHT SWITCH ADJUSTMENT
120	BULB REPLACEMENT
<b>126</b>	<b>CLEANING</b>
<b>130</b>	<b>STORAGE GUIDE</b>
130	STORAGE
132	REMOVAL FROM STORAGE
<b>133</b>	<b>TAKING CARE OF THE UNEXPECTED</b>
<b>134</b>	<b>SPECIFICATIONS</b>
<b>138</b>	<b>CATALYTIC CONVERTERS</b>

# **MOTORCYCLE SAFETY**

## **IMPORTANT SAFETY INFORMATION**

Your motorcycle can provide many years of service and pleasure — if you take responsibility for your own safety and understand the challenges that you can meet on the road.

There is much that you can do to protect yourself when you ride. You'll find many helpful recommendations throughout this manual. Following are a few that we consider to be 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 and make sure your passenger does the same. We also recommend that you wear eye protection, sturdy boots, gloves, and other protective gear (page 2).

### **Make Yourself Easy to See**

Some drivers do not see motorcycles 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.

### **Ride Within Your Limits**

Pushing the limits is another major cause of motorcycle crashes. 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 judgements 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 Bike in Safe Condition**

For safe riding, it's important to inspect your motorcycle before every ride and perform all recommended maintenance. Never exceed load limits, and only use accessories that have been approved by Honda for this motorcycle. See page 4 for more details.

## **PROTECTIVE APPAREL**

For your safety, we strongly recommend that you always wear an approved motorcycle helmet, eye protection, boots, gloves, trousers, and a long-sleeved shirt or jacket whenever you ride. Although complete protection is not possible, wearing proper gear can reduce the chance of injury when you ride.

Following are suggestions to help you choose proper gear.

### **WARNING**

Not wearing a helmet increases the chance of serious injury or death in a crash.

Be sure you and your passenger always wear a helmet, eye protection and other protective apparel when you ride.

## **Helmets and Eye Protection**

Your helmet is your most important piece of riding gear because it offers the best protection against head injuries. A helmet should fit your head comfortably and securely. A bright-coloured helmet can make you more noticeable in traffic, as can reflective strips.

An open-face helmet offers some protection, but a full-face helmet offers more. Always wear a face shield or goggles to protect your eyes and help your vision.

## **Additional Riding Gear**

In addition to a helmet and eye protection, we also recommend:

- Sturdy boots with non-slip soles to help protect your feet and ankles.
- Leather gloves to keep your hands warm and help prevent blisters, cuts, burns and bruises.
- A motorcycle riding suit or jacket for comfort as well as protection. Bright-coloured and reflective clothing can help make you more noticeable in traffic. Be sure to avoid loose clothes that could get caught on any part of your motorcycle.

## LOAD LIMITS AND GUIDELINES

Your motorcycle has been designed to carry you and one passenger. When you carry a passenger, you may feel some difference during acceleration and braking. But so long as you keep your motorcycle well-maintained, with good tyres and brakes, you can safely carry loads within the given limits and guidelines.

However, exceeding the weight limit or carrying an unbalanced load can seriously affect your motorcycle's handling, braking and stability. Non-Honda accessories, improper modifications, and poor maintenance can also reduce your safety margin.

The following pages give more specific information on loading, accessories and modifications.

## Loading

How much weight you put on your motorcycle, and how you load it, are important to your safety. Anytime you ride with a passenger or cargo you should be aware of the following information.

### **WARNING**

Overloading or improper loading can cause a crash and you can be seriously hurt or killed.

Follow all load limits and other loading guidelines in this manual.

## **Load Limits**

Following are the load limits for your motorcycle:

### **Maximum weight capacity:**

198 kg (437 lb)

Includes the weight of the rider, passenger, all cargo and all accessories

### **Maximum cargo weight:**

18 kg (40 lb)

The weight of added accessories will reduce the maximum cargo weight you can carry.

## **Loading Guidelines**

Your motorcycle is primarily intended for transporting you and a passenger. You may wish to secure a jacket or other small items to the seat when you are not riding with a passenger.

If you wish to carry more cargo, check with your Honda dealer for advice, and be sure to read the information regarding accessories on page 6 .

Improperly loading your motorcycle can affect its stability and handling. Even if your motorcycle is properly loaded, you should ride at reduced speeds and never exceed 130 km/h (80 mph) when carrying cargo.

Follow these guidelines whenever you carry a passenger or cargo:

- Check that both tyres are properly inflated (page 43 ).
- If you change your normal load, you may need to adjust the rear suspension (page 28 ).
- To prevent loose items from creating a hazard, make sure that all cargo is securely tied down before you ride away.
- Place cargo weight as close to the center of the motorcycle as possible.
- Balance cargo weight evenly on both sides.
- Do not attach large or heavy items (such as a sleeping bag or tent) to the handlebars, forks or fender.

### **Accessories and Modifications**

Modifying your motorcycle or using non-Honda accessories can make your motorcycle 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 motorcycle. 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 dealer for assistance and always follow these guidelines:

- Make sure the accessory does not obscure any lights, reduce ground clearance and banking angle, limit suspension travel or steering travel, alter your riding position or interfere with operating any controls.
- Be sure electrical equipment does not exceed the motorcycle's electrical system capacity (page 137 ). A blown fuse can cause a loss of lights or engine power.

- Do not pull a trailer or sidecar with your motorcycle. This motorcycle was not designed for these attachments, and their use can seriously impair your motorcycle's handling.

## **Modifications**

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

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