## HOW TO USE THIS MANUAL

This service manual describes the service procedures for the CBR1000RR-4.

Follow the Maintenance Schedule (Section 4) recommendations to ensure that the vehicle is in peak operating condition and the emission levels are within the standards set by the U.S. Environmental Protection Agency, California Air Resources Board and Transport Canada.

Performing the first scheduled maintenance is very important. It compensates for the initial wear that occurs during the break-in period.

Sections 1 and 4 apply to the whole motorcycle. Section 3 illustrates procedures for removal/installation of components that may be required to perform service described in the following sections.

Section 5 through 20 describe parts of the motorcycle, grouped according to location.

Find the section you want on this page, then turn to the table of contents on the first page of the section.

Most sections start with an assembly or system illustration, service information and troubleshooting for the section. The subsequent pages give detailed procedure.

If you are not familiar with this motorcycle, read Technical Features in Section 2.

If you don't know the source of the trouble, go to section 22 Troubleshooting.

Your safety, and the safety of others, is very important. To help you make informed decisions we have provided safety messages and other information throughout this manual. Of course, it is not practical or possible to warn you about all the hazards associated with servicing this vehicle.

You must use your own good judgement.

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

- Safety Labels on the vehicle

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



You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions. ENGINE AND DRIVE TRAIN

CHASSIS

ELECTRICAL

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

· Instructions - how to service this vehicle correctly and safely.

As you read this manual, you will find information that is preceded by a **NOTICE** symbol. The purpose of this message is to help prevent damage to your vehicle, other property, or the environment.

## CONTENTS

	GENERAL INFORMATION	1
	TECHNICAL FEATURES	2
	FRAME/BODY PANELS/EXHAUST SYSTEM	3
	MAINTENANCE	4
	LUBRICATION SYSTEM	5
	FUEL SYSTEM (Programmed Fuel Injection)	6
	COOLING SYSTEM	7
	ENGINE REMOVAL/INSTALLATION	8
	CYLINDER HEAD/VALVES	9
	CLUTCH/STARTER CLUTCH	10
	ALTERNATOR	11
	TRANSMISSION/GEARSHIFT LINKAGE	12
	CRANKCASE/CRANKSHAFT/BALANCER/ PISTON/CYLINDER	13
	FRONT WHEEL/SUSPENSION/ STEERING	14
	REAR WHEEL/SUSPENSION	15
	HYDRAULIC BRAKE	16
	BATTERY/CHARGING SYSTEM	17
	IGNITION SYSTEM	18
	ELECTRIC STARTER	19
	LIGHTS/METERS/SWITCHES	20
	WIRING DIAGRAM	21
	TROUBLESHOOTING	22
	INDEX	23