

#### Includes:

- Important Safety Information
- Operating Instructions
- Maintenance and Storage

# KLX250S KLX250SF Motorcycle

# OWNERS WANUAL

#### **A WARNING**

Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

#### NOTICE

THIS PRODUCT HAS BEEN MANUFACTURED FOR USE IN A REASONABLE AND PRUDENT MANNER BY A QUALIFIED OPERATOR AND AS A VEHICLE ONLY.

# **Quick Reference Guide**

This Quick Reference Guide will assist you in finding the information you're looking for.

**GENERAL INFORMATION** 

**HOW TO RIDE THE MOTORCYCLE** 

**SAFE OPERATION** 

MAINTENANCE AND ADJUSTMENT

STORAGE

TROUBLESHOOTING GUIDE

A Table of Contents is included after the Foreword.

Whenever you see the symbols shown below, heed their instructions! Always follow safe operating and maintenance practices.

### **A** DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

## **A** WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

## **▲** CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

#### **NOTICE**

NOTICE is used to address practices not related to personal injury.

#### NOTE

 This note symbol indicates points of particular interest for more efficient and convenient operation.

#### **FOREWORD**

Congratulations on your purchase of a new Kawasaki motorcycle. Your new motorcycle is the product of Kawasaki's advanced engineering, exhaustive testing, and continuous striving for superior reliability, safety and performance.

Please read this Owner's Manual carefully before riding so that you will be thoroughly familiar with the proper operation of your motorcycle's controls, its features, capabilities, and limitations. This manual offers many safe riding tips, but its purpose is not to provide instruction in all the techniques and skills required to ride a motorcycle safely. Kawasaki strongly recommends that all operators of this vehicle enroll in a motorcycle rider training program to attain awareness of the mental and physical requirements necessary for safe motorcycle operation.

To ensure a long, trouble-free life for your motorcycle, give it the proper care and maintenance described in this manual. For those who would like more detailed information on their Kawasaki Motorcycle, a Service Manual is available for purchase from any authorized Kawasaki motorcycle dealer. The Service Manual contains detailed disassembly and maintenance information. Those who plan to do their own work should, of course, be competent mechanics and possess the special tools described in the Service Manual.

Keep this Owner's Manual aboard your motorcycle at all times so that you can refer to it whenever you need information.

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

All rights reserved. No part of this publication may be reproduced without our prior written permission.

This publication includes the latest information available at the time of printing. However, there may be minor differences between the actual product and illustrations and text in this manual.

All products are subject to change without prior notice or obligation.

# KAWASAKI HEAVY INDUSTRIES, LTD. Consumer Products & Machinery Company

© 2009 Kawasaki Heavy Industries, Ltd.

April 2009. (1). (CR, Ke)

#### TABLE OF CONTENTS

SPECIFICATIONS	8	Horn Button:	34
SERIAL NUMBER LOCATIONS	13	Fuel Tank Cap	34
LOCATION OF PARTS	14	Fuel Tank	35
LOCATION OF LABELS	17	Fuel Requirement:	36
LOADING INFORMATION	20	Fuel Tap	40
GENERAL INFORMATION	23	Stand	41
Meter Instruments	23	Helmet Hook	42
Meter Instruments:	24	Tool Kit Bag/Tool Kit	43
Tachometer Gauge:	24	Seat	43
Speedometer :	24	BREAK-IN	45
Odometer/Trip Meter AB:	25	HOW TO RIDE THE MOTORCYCLE.	47
Indicator/Warning Light:	29	Starting the Engine	47
Key	30	Jump Starting	50
Ignition Switch/Steering Lock	31	Moving Off	53
Right Handlebar Switches	32	Shifting Gears	54
Engine Stop Switch:	32	Braking	56
Starter Button:	33	Stopping the Engine	57
Left Handlebar Switches	33	Stopping the Motorcycle in an	
Dimmer Switch:	33	Emergency	58
Turn Signal Switch:	34	Parking	59

Catalytic Converter	61	Drive Chain	116
SAFE OPERATION	63	Brakes	122
Safe Riding Technique	63	Brake Light Switches	126
Daily Safety Checks	66	Front Fork	128
Additional Considerations for Off		Rear Shock Absorber	130
Road Operation	69	Wheels	133
MAINTENANCE AND ADJUSTMENT	70	Battery	137
Periodic Maintenance Chart	75	Headlight Beam	142
Engine Oil	87	Fuses	144
Cooling System	93	General Lubrication	146
Spark Plugs	97	Cleaning Your Motorcycle	147
Kawasaki Clean Air System	99	Bolt and Nut Tightening	152
Evaporative Emission Control		STORAGE	154
System (California model only)	100	TROUBLESHOOTING GUIDE	157
Valve Clearance	101	OWNER SATISFACTION	158
Air Cleaner	101	REPORTING SAFETY DEFECTS	160
Throttle Grip	107	ENVIRONMENTAL PROTECTION	161
Carburetors	110	MAINTENANCE RECORD	162
Clutch	111	LABEL INFORMATION	167
Spark Arrester	114		