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› Kawasaki KLX140 Motorcycle Service Manual by Cyclepedia Press LLC

Kawasaki KLX140

Kawasaki KLX140 Motorcycle Service Manual

Comprehensive Repair and Maintenance Guide

INTRODUCTION

This manual serves as a detailed guide for the maintenance, service, and repair of Kawasaki KLX140 series motorcycles. It is designed for individuals seeking to perform their own motorcycle service, offering clear, step-by-step instructions and comprehensive information.

The manual covers the following Kawasaki KLX140 models:

- Standard KLX140 (KLX140A)
- KLX140L (KLXB)
- KLX140G (KLX140C)

Applicable model years range from **2008 through 2024**. Each procedure is accompanied by detailed black and white photographs and diagrams to ensure clarity and accuracy.

CYCLEPEDIA PRESS LLC

Service Manual

2008 - 2024 Kawasaki KLX140



Image: Front cover of the Kawasaki KLX140 Cyclepedia Printed Motorcycle Service Manual. The cover features the title and branding, indicating its purpose as a repair guide.

Using This Manual

To effectively utilize this service manual, it is recommended to read through the entire section pertaining to your specific task before beginning any work. This approach helps in understanding the complete procedure and identifying any special tools or

parts required.
Pay close attention to:

- **Safety Warnings:** Always observe all safety precautions mentioned throughout the manual.
- **Photographs and Diagrams:** These visual aids are crucial for understanding component locations and assembly sequences.
- **Specifications and Torque Values:** Adhering to these ensures proper assembly and prevents damage.
- **Troubleshooting Charts:** Use these to diagnose common issues efficiently.

MAINTENANCE PROCEDURES

This manual provides detailed instructions for a wide range of maintenance and repair tasks. Key areas covered include:

- **Periodic Maintenance:** Includes air filter servicing, brake fluid checks, chassis nut and bolt inspection, clutch cable adjustment, compression checks, drive chain adjustment, engine oil changes, exhaust system inspection, fuel hose checks, spark plug maintenance, steering head inspection, suspension inspection, throttle free play adjustment, tire inspection, Uni Trak linkage, and valve clearance.
- **Fuel System:** Detailed procedures for carburetor removal, installation, disassembly, assembly, fuel level adjustment, and fuel petcock service.
- **Engine:** Covers cam chain, cam chain tensioner, camshaft, clutch installation and removal, crankcase assembly, crankcase bearings, crankcase splitting, crankshaft and rod, cylinder head, engine installation and removal, gearshift, left side engine components, oil pump, piston and cylinder, transmission assembly and removal, valve guide replacement, valve lapping, and valves.
- **Final Drive:** Instructions for drive chain, engine sprocket, and rear wheel sprocket maintenance.
- **Steering:** Procedures for steering installation and removal.
- **Front Suspension:** Includes fork assembly, disassembly, and front fork removal and installation.
- **Rear Suspension:** Covers shock absorber removal, installation, service, swing arm, and Uni-Trak linkage.
- **Brake Systems:** Separate sections for front and rear brakes, including brake rotors, calipers, and master cylinders.
- **Wheels:** Guidance on front wheel, rear wheel, wheel bearing replacement, and wheel inspection.
- **Electrical Systems:** Information on battery, generating system, wiring diagrams, and ignition system.

TROUBLESHOOTING

If your Kawasaki KLX140 exhibits operational issues, this manual provides the necessary information to diagnose and resolve common problems. Refer to the specific sections related to the symptoms you are experiencing.

For example, if your motorcycle is hard to start, requires the choke to run, backfires, or struggles to hold an idle, consult the 'Fuel System' section for carburetor cleaning and adjustment procedures. Electrical issues can be diagnosed using the 'Electrical Systems' section, which includes wiring diagrams.

SPECIFICATIONS

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SUPPORT

This manual is a printed informational resource. For inquiries regarding the content or specific procedures within this manual, please refer to the publisher, Cyclepedia Press LLC. This manual does not come with a product warranty, as it is a reference publication.

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