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› Harley-Davidson Official Factory Service Manual for 1984-1990 FLT/FXR 1340cc 5-Speed Models

Harley-Davidson FLT/FXR 1340cc 5-Speed

Harley-Davidson Official Factory Service Manual

FOR 1984-1990 FLT/FXR 1340CC 5-SPEED MODELS

INTRODUCTION

This official Harley-Davidson factory service manual is an essential resource for owners and technicians performing maintenance, service, and repair procedures on 1984-1990 FLT and FXR series motorcycles equipped with the 1340cc engine and 5-speed transmission. It contains comprehensive information, detailed illustrations, and step-by-step instructions to ensure proper service and reliable operation of your motorcycle.

Refer to this manual for accurate specifications, torque values, and diagnostic procedures. Using this manual will help maintain the performance, safety, and longevity of your Harley-Davidson motorcycle.

SERVICE MANUAL

1984 TO 1990 FLT/FXR MODELS

OFFICIAL FACTORY MANUAL



HARLEY-DAVIDSON, INC.

Part No. 99483-90

HOW TO USE THIS MANUAL (SETUP)

To effectively utilize this service manual, familiarize yourself with its structure and conventions:

- **Chapter Organization:** The manual is divided into chapters, each covering a specific system or component of the motorcycle (e.g., Engine, Transmission, Chassis, Electrical).
- **Section Headings:** Within each chapter, sections are clearly marked with headings to guide you to specific procedures or information.
- **Illustrations and Diagrams:** Detailed exploded views, wiring diagrams, and photographs accompany most procedures. Always refer to these visuals for component identification and assembly order.
- **Safety Warnings:** Pay close attention to all safety warnings and cautions indicated throughout the manual. These are crucial for preventing injury and damage to the motorcycle.
- **Specifications:** A dedicated section or chapter provides all necessary technical specifications, including torque values, clearances, and fluid capacities.

GENERAL MAINTENANCE PROCEDURES (OPERATING)

This manual details all routine maintenance procedures required for your 1984-1990 FLT/FXR motorcycle. Regular maintenance is critical for optimal performance and longevity.

Performing Scheduled Maintenance

1. **Identify Service Interval:** Consult the maintenance schedule provided in the manual to determine the required service tasks based on mileage or time.
2. **Locate Procedure:** Navigate to the relevant chapter and section for the specific maintenance task (e.g., oil change, spark plug replacement, chain adjustment).
3. **Gather Tools and Parts:** Ensure all necessary tools, replacement parts, and fluids are available before beginning. Refer to the manual for part numbers and specifications.
4. **Follow Step-by-Step Instructions:** Adhere strictly to the sequence of steps outlined in the manual. Pay attention to torque specifications and special tool requirements.
5. **Inspect and Verify:** After completing a procedure, inspect the work thoroughly and verify proper function before operating the motorcycle.

Fluid Checks and Replacements

The manual provides detailed instructions for checking and replacing engine oil, transmission fluid, primary chaincase lubricant, and brake fluid. Proper fluid levels and timely changes are vital for component protection.

TROUBLESHOOTING AND DIAGNOSTICS

This service manual includes comprehensive troubleshooting guides to assist in diagnosing common issues that may arise with your motorcycle.

Diagnostic Procedures

- **Symptom-Based Charts:** The manual features charts that link specific symptoms (e.g., engine not starting, poor braking) to potential causes and recommended diagnostic steps.

- **Electrical System Diagnostics:** Detailed wiring diagrams and testing procedures are provided for diagnosing electrical faults, including ignition, charging, and lighting systems.
- **Engine Performance Issues:** Sections dedicated to engine troubleshooting cover topics such as misfires, overheating, and unusual noises, guiding you through systematic checks.

Always begin troubleshooting by carefully observing the symptoms and then systematically following the diagnostic flowcharts and tests outlined in the manual.

TECHNICAL SPECIFICATIONS

The manual contains a dedicated section detailing the technical specifications for the 1984-1990 FLT/FXR 1340cc 5-Speed models. This includes, but is not limited to:

- Engine displacement, bore, and stroke
- Compression ratio
- Ignition timing and spark plug specifications
- Carburetor settings
- Transmission gear ratios
- Chassis dimensions and weight
- Tire sizes and pressures
- Fluid capacities and types
- Torque specifications for various fasteners

Refer to these specifications whenever performing adjustments, replacements, or repairs to ensure components are within factory tolerances.

IMPORTANT INFORMATION

Manual Integrity and Warranty

This manual is provided as an informational guide for service and repair. While every effort has been made to ensure accuracy, Harley-Davidson, INC. does not warrant the completeness or accuracy of the information contained herein. The manual itself is a reference document and does not carry a product warranty for the motorcycle.

Support and Further Assistance

For questions regarding the content of this official service manual or for further technical assistance, it is recommended to contact an authorized Harley-Davidson dealership. They can provide expert advice and access to the latest service bulletins and updates.

You may also visit the official Harley-Davidson website for general information and dealer locator services: www.harley-davidson.com