

# 2007 harley davidson flhp service manual

2007 Harley Davidson FLHP Service Manual is an essential resource for both professional mechanics and DIY enthusiasts who own or maintain this specific model of Harley Davidson motorcycle. This manual provides comprehensive information on repair, maintenance, specifications, and troubleshooting for the 2007 FLHP, which is known for its rugged design and dependable performance. Whether you're looking to perform routine maintenance or tackle more complex repairs, the service manual is your go-to guide for ensuring your motorcycle runs smoothly.

## Overview of the 2007 Harley Davidson FLHP

The 2007 Harley Davidson FLHP, also known as the Police Road King, is a popular model among law enforcement agencies as well as civilian riders. Designed for durability and functionality, the FLHP features a powerful V-Twin engine, advanced suspension, and a range of accessories that enhance its versatility.

## Key Specifications

- Engine Type: Air-cooled, Twin Cam 88
- Displacement: 1450cc
- Transmission: 5-speed
- Brakes: Front and rear disc brakes
- Fuel Capacity: 5 gallons
- Seat Height: 28 inches
- Weight: Approximately 705 lbs (dry)

With these specifications, the FLHP offers a blend of power and maneuverability, making it suitable for both urban and highway riding.

## Importance of the Service Manual

The 2007 Harley Davidson FLHP Service Manual is crucial for various reasons:

1. Comprehensive Guide: It covers all aspects of repair and maintenance, from engine diagnostics to electrical systems.
2. Troubleshooting: The manual provides detailed troubleshooting procedures, helping you identify and fix problems efficiently.
3. Safety: Following the guidelines in the service manual ensures that repairs are done correctly, reducing the risk of accidents caused by mechanical failures.
4. Value: Regular maintenance as outlined in the manual preserves the value of your motorcycle, making it easier to sell or trade-in later.

# Contents of the Service Manual

The service manual is organized into several sections, each focusing on different components and systems of the motorcycle. Here's a breakdown of its contents:

- General Information: Overview of the motorcycle, maintenance schedule, and specifications.
- Fuel System: Information on fuel injection, carburetion, and troubleshooting fuel-related issues.
- Electrical System: Diagrams and procedures for diagnosing electrical problems, including battery, starter, and wiring.
- Engine: Step-by-step instructions for engine repair, including disassembly and assembly.
- Transmission and Drivetrain: Detailed procedures for servicing the transmission, primary drive, and final drive systems.
- Brakes and Suspension: Guidelines for inspecting and replacing brake components and suspension adjustments.
- Wiring Diagrams: Detailed electrical schematics for better understanding and troubleshooting.

## Maintenance Procedures

Routine maintenance is critical to the longevity and performance of your 2007 Harley Davidson FLHP. The service manual outlines various maintenance procedures, including:

### Regular Maintenance Schedule

- Oil Change: Every 5,000 miles or annually, whichever comes first.
- Air Filter Replacement: Every 10,000 miles or as needed.
- Brake Fluid Change: Every two years.
- Tire Inspection: Monthly for wear and pressure.
- Battery Maintenance: Check fluid levels and clean terminals every six months.

### Detailed Maintenance Tasks

#### 1. Oil Change Procedure:

- Warm up the engine to thin the oil.
- Remove the oil drain plug and allow old oil to drain completely.
- Replace the oil filter.
- Reinstall the drain plug and refill with the recommended oil type.

#### 2. Brake Inspection:

- Check the brake fluid level and top up if necessary.
- Inspect brake pads for wear and replace if they are below the recommended thickness.
- Test brake operation to ensure proper functioning.

#### 3. Tire Maintenance:

- Inspect tires for cuts, cracks, or other damage.

- Measure tread depth and replace tires that are worn below the legal limit.

## **Troubleshooting Common Issues**

The 2007 Harley Davidson FLHP Service Manual offers troubleshooting guidance for some common issues that may arise:

### **Starting Problems**

- Symptoms: Motorcycle does not start or starts intermittently.
- Possible Causes:
  - Weak battery: Check voltage and connections.
  - Faulty starter: Inspect starter motor and relay.
  - Fuel supply issue: Ensure fuel is reaching the engine.

### **Electrical Issues**

- Symptoms: Lights not functioning or intermittent electrical failures.
- Possible Causes:
  - Blown fuse: Replace and test.
  - Bad wiring: Inspect for frayed or disconnected wires.
  - Faulty switch: Test switches and replace as necessary.

### **Engine Performance Issues**

- Symptoms: Poor acceleration or stalling.
- Possible Causes:
  - Clogged fuel filter: Replace filter.
  - Dirty air filter: Clean or replace as needed.
  - Spark plug issues: Inspect and replace worn plugs.

## **Tools Required for Maintenance and Repair**

Having the right tools is essential when performing maintenance or repairs on your FLHP. The service manual lists the following tools:

- Basic hand tools (wrenches, screwdrivers, pliers)
- Torque wrench
- Oil filter wrench
- Multimeter for electrical testing
- Motorcycle lift or jack

- Service manual itself for reference

## Conclusion

In conclusion, the 2007 Harley Davidson FLHP Service Manual is an invaluable resource for any owner or technician working on this iconic motorcycle. By following the guidelines and procedures outlined in the manual, you can ensure that your bike remains in optimal condition, providing a safe and enjoyable riding experience. With regular maintenance and the right knowledge, your FLHP can continue to perform reliably for years to come. Whether you are a seasoned mechanic or a first-time owner, having access to this service manual will empower you to take charge of your motorcycle's care and maintenance.

## Frequently Asked Questions

### **What is the primary purpose of the 2007 Harley Davidson FLHP service manual?**

The primary purpose of the service manual is to provide detailed information on maintenance, troubleshooting, and repair procedures specifically for the 2007 Harley Davidson FLHP model.

### **Where can I find a digital copy of the 2007 Harley Davidson FLHP service manual?**

You can find a digital copy of the service manual on various motorcycle repair websites, online marketplaces like eBay, or through Harley Davidson's official website in their service manuals section.

### **What type of information is included in the 2007 Harley Davidson FLHP service manual?**

The manual includes specifications, maintenance schedules, wiring diagrams, troubleshooting guides, and step-by-step repair instructions for various components of the motorcycle.

### **Is the 2007 Harley Davidson FLHP service manual suitable for beginners?**

While the manual is comprehensive, it is best suited for individuals with some mechanical knowledge. Beginners may find certain tasks challenging without prior experience.

### **What are the key maintenance tasks covered in the 2007 Harley Davidson FLHP service manual?**

Key maintenance tasks include oil changes, brake inspections, tire rotations, and routine checks of

the electrical system and fluid levels.

## **Can I use the 2007 Harley Davidson FLHP service manual for other Harley models?**

While some information may be relevant, the service manual is specifically tailored for the FLHP model, and using it for other models may lead to inaccuracies.

## **How often should I refer to the 2007 Harley Davidson FLHP service manual for maintenance?**

It is recommended to refer to the service manual during scheduled maintenance intervals, as well as when troubleshooting any issues that arise with your motorcycle.

## **Are there any common issues with the 2007 Harley Davidson FLHP that the service manual addresses?**

Yes, the service manual addresses common issues such as electrical problems, brake system maintenance, and engine performance concerns, providing troubleshooting steps for each.

## **Is it necessary to have the 2007 Harley Davidson FLHP service manual for DIY repairs?**

While it's not strictly necessary, having the service manual is highly recommended for DIY repairs, as it provides essential guidance and ensures that repairs are done correctly.

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