

1983 harley davidson fxsb service manual

1983 Harley Davidson FXSB Service Manual is an essential resource for motorcycle enthusiasts and mechanics alike. This manual provides detailed instructions, specifications, and troubleshooting guidelines for the FXSB model, which is part of Harley Davidson's famed Super Glide line. The FXSB, or "Factory Custom," represents a blend of classic design and modern engineering, making it a beloved choice among Harley riders. In this article, we will explore the key features of the FXSB, the importance of the service manual, and various maintenance tips to keep your motorcycle running smoothly.

Overview of the 1983 Harley Davidson FXSB

The 1983 Harley Davidson FXSB is a standout model known for its distinctive styling and robust performance. Unlike its predecessors, the FXSB features a more modern design with a focus on comfort and road handling.

Key Features

1. Engine Specifications

- The FXSB is powered by a 1340cc V-twin engine, known for its high torque and reliable performance.
- It utilizes a 5-speed transmission, providing smoother shifting and improved highway cruising.

2. Frame and Suspension

- The motorcycle features a tubular steel frame that enhances durability while keeping the weight manageable.
- A front telescopic fork and rear dual shock absorbers offer a comfortable ride over various terrains.

3. Braking System

- The FXSB is equipped with a front disc brake and a rear drum brake, ensuring effective stopping power.
- The braking system is designed for easy maintenance, which is a highlight of the service manual.

4. Styling and Customization

- The FXSB boasts a unique custom look, with options for various paint schemes and accessories.
- Its design allows for extensive personalization, a trait that has made Harley Davidson motorcycles iconic.

Importance of the Service Manual

The 1983 Harley Davidson FXSB Service Manual is invaluable for anyone interested in maintaining or

restoring this classic motorcycle. Here's why:

- **Comprehensive Information:** The manual covers everything from basic maintenance to complex repairs, ensuring that owners have access to all necessary information.
- **Step-by-Step Instructions:** With clear, concise instructions and diagrams, even novice mechanics can confidently tackle repairs.
- **Troubleshooting Guides:** It includes troubleshooting sections that help identify and resolve common issues quickly.
- **Parts Specifications:** Detailed specifications for parts and systems allow owners to source the correct replacement components.

Maintenance Tips for the 1983 Harley Davidson FXSB

Proper maintenance is crucial for ensuring the longevity and performance of your FXSB. Here are some essential tips based on the service manual:

Regular Oil Changes

- **Frequency:** Change the oil every 2,500 miles or every six months, whichever comes first.
- **Type of Oil:** Use high-quality motor oil specifically designed for Harley Davidson engines, typically a 20W-50 viscosity.
- **Filter Replacement:** Always replace the oil filter with each oil change to prevent contaminants from circulating in the engine.

Inspecting and Adjusting the Chain

- **Chain Maintenance:** Regularly check the chain tension and lubrication.
- **Adjustment:** Adjust the chain tension to the manufacturer's specifications, usually 1 to 1.5 inches of slack.
- **Lubrication:** Use a chain lubricant designed for motorcycles to ensure smooth operation and reduce wear.

Brake System Care

- **Fluid Check:** Regularly check the brake fluid level and top it off as necessary.
- **Brake Pads:** Inspect the brake pads for wear, replacing them if they are worn down to less than 1/8 inch.
- **System Bleeding:** If you notice a spongy brake feel, bleed the brake lines to remove any air and ensure optimal braking performance.

Electrical System Maintenance

- Battery Care: Inspect the battery terminals for corrosion and ensure a secure connection.
- Charging System: Check the charging system regularly to ensure the battery is receiving the appropriate voltage.
- Fuses: Familiarize yourself with the fuse box and replace blown fuses promptly to maintain electrical integrity.

Common Issues and Troubleshooting

Even with regular maintenance, issues may arise with the FXSB. Here are some common problems and their solutions as outlined in the service manual.

Starting Problems

- Symptoms: If the motorcycle does not start or clicks when the ignition is turned on.
- Solutions:
 - Check the battery charge and connections.
 - Inspect the starter relay and solenoid for faults.
 - Ensure the kill switch is in the "Run" position.

Oil Leaks

- Symptoms: Oil spots under the motorcycle after it has been parked.
- Solutions:
 - Inspect the oil filter and drain plug for tightness and proper sealing.
 - Check for worn gaskets, especially around the engine and transmission.
 - Use the service manual to locate and replace any defective seals.

Electrical Failures

- Symptoms: Inconsistent lighting or electrical components not functioning.
- Solutions:
 - Inspect the wiring harness for frays or breaks.
 - Check fuses and relays for continuity.
 - Ensure all connections are tight and corrosion-free.

Conclusion

The 1983 Harley Davidson FXSB Service Manual is an indispensable tool for any owner of this classic motorcycle. Not only does it provide detailed information for maintenance and repair, but it also ensures that riders can enjoy their bikes safely and efficiently. By following the guidelines outlined in the manual and adhering to regular maintenance schedules, FXSB owners can keep their motorcycles in peak condition for years to come. Whether you are a seasoned mechanic or a novice rider, this manual is your gateway to understanding and preserving the legacy of the Harley Davidson FXSB.

Frequently Asked Questions

What is the significance of the 1983 Harley Davidson FXSB service manual?

The 1983 Harley Davidson FXSB service manual is significant as it provides detailed maintenance, repair, and troubleshooting information specifically for the FXSB model, helping owners keep their motorcycles in optimal condition.

Where can I find a copy of the 1983 Harley Davidson FXSB service manual?

You can find a copy of the 1983 Harley Davidson FXSB service manual at Harley Davidson dealerships, online retailers, or motorcycle forums where enthusiasts may share or sell digital copies.

What types of repairs are covered in the 1983 Harley Davidson FXSB service manual?

The manual covers various repairs including engine maintenance, electrical system troubleshooting, brake system service, transmission adjustments, and routine checks like oil changes and tire maintenance.

Is the 1983 Harley Davidson FXSB service manual applicable to other Harley models?

While the 1983 Harley Davidson FXSB service manual is specifically designed for the FXSB model, some procedures and specifications may be similar to other Harley models from that era, but it's best to refer to the specific service manual for accurate information.

How can I use the 1983 Harley Davidson FXSB service manual effectively?

To use the 1983 Harley Davidson FXSB service manual effectively, familiarize yourself with the table of contents, use the index to locate specific topics, and follow the step-by-step instructions carefully for repairs and maintenance tasks.

What are some common issues addressed in the 1983 Harley Davidson FXSB service manual?

Common issues addressed in the manual include troubleshooting electrical problems, addressing fuel system issues, solving ignition timing problems, and handling common mechanical failures associated with the FXSB's engine and transmission.

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