

2007 Street Bob Service Manual



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The 2007 Harley-Davidson Street Bob is a popular model that embodies the spirit of the American cruiser. Its combination of classic styling and modern technology makes it a favorite among motorcycle enthusiasts. To ensure that your Street Bob remains in top condition, a comprehensive service manual is essential. This article will explore the various aspects of the 2007 Street Bob service manual, including maintenance schedules, troubleshooting tips, and detailed procedures for performing repairs and servicing.

Overview of the 2007 Street Bob

The 2007 Street Bob is part of Harley-Davidson's Dyna family, known for its lightweight frame and responsive handling. Key features of the Street Bob include:

- Engine: The bike is powered by a 96-cubic inch (1,584 cc) V-Twin engine, delivering impressive torque and power.
- Transmission: It comes with a 6-speed Cruise Drive transmission, ensuring smooth gear shifts and enhanced driving comfort.
- Design: The Street Bob features a minimalist design with a solo seat, bobbed fenders, and a blacked-out finish, contributing to its iconic look.
- Suspension: The bike is equipped with a front telescopic fork and dual rear shocks, providing a comfortable ride on various terrains.

Importance of the Service Manual

A service manual is an invaluable resource for any motorcycle owner. It provides detailed information on:

- Maintenance schedules to keep your bike running smoothly.
- Technical specifications for various components.
- Troubleshooting guidelines to identify and fix common issues.
- Step-by-step instructions for repairs and replacements.

Having a service manual on hand can save time, money, and frustration when it comes to maintaining your 2007 Street Bob.

Maintenance Schedule

Regular maintenance is crucial for the longevity and performance of your motorcycle. The service manual outlines a recommended maintenance schedule that includes:

Every 5,000 Miles or 12 Months

- Change Engine Oil and Filter: Use the recommended oil type, such as 20W50 synthetic oil, and replace the oil filter.
- Inspect and Adjust Drive Belt: Check for wear and proper tension.
- Inspect Brake System: Check brake pads and fluid levels.
- Lubricate Controls: Ensure that the clutch and throttle cables are properly lubricated.

Every 10,000 Miles or 24 Months

- Replace Air Filter: Ensure optimal airflow and engine performance.
- Inspect and Clean Fuel System: Check fuel lines and replace the fuel filter if necessary.
- Inspect Tires: Check for wear and maintain proper tire pressure.
- Check Battery Condition: Inspect for corrosion and ensure proper fluid levels.

Every 15,000 Miles or 36 Months

- Replace Spark Plugs: Ensure optimal combustion and engine efficiency.

- Inspect Suspension Components: Check for leaks and wear in the fork seals and rear shocks.
- Flush and Replace Brake Fluid: Maintain braking performance.

Troubleshooting Common Issues

Despite regular maintenance, issues may arise. Here are some common problems and their possible solutions:

Engine Won't Start

- Check Battery: Ensure that the battery is charged and connections are clean.
- Fuel Supply: Ensure that there is fuel in the tank and check for clogged fuel lines.
- Ignition System: Inspect the ignition fuse and spark plugs for any faults.

Braking Issues

- Soft Brake Lever: Check brake fluid levels and inspect for leaks in the brake lines.
- Squeaking Brakes: Inspect brake pads for wear and replace if necessary.

Handling Problems

- Wobbling at Speed: Check tire pressure and inspect wheels for damage or misalignment.
- Steering Difficulties: Inspect the steering head bearings and lubrication.

Step-by-Step Repair Procedures

The service manual provides detailed procedures for common repairs. Here are a few examples:

Changing the Engine Oil

1. Preparation: Gather tools, including a socket set, oil filter wrench, and drain pan.
2. Warm Up the Engine: Run the engine for a few minutes to heat the oil, allowing it to drain more easily.
3. Drain Oil: Remove the oil drain plug and allow the oil to drain completely into the pan.

4. **Replace Oil Filter:** Use the oil filter wrench to remove the old filter and install a new one, applying a thin layer of oil to the rubber gasket.
5. **Add New Oil:** Replace the drain plug and add the recommended amount of new oil through the oil fill cap.
6. **Check Oil Level:** Start the engine and let it run for a minute, then check the oil level and add more if necessary.

Replacing Brake Pads

1. **Lift the Motorcycle:** Use a motorcycle lift or center stand to elevate the bike.
2. **Remove Wheel:** Take off the wheel to access the brake caliper.
3. **Remove Caliper:** Unscrew the caliper bolts and slide it off the rotor.
4. **Replace Pads:** Remove old pads and install new ones, ensuring they are correctly positioned.
5. **Reassemble:** Reinstall the caliper, wheel, and any components removed during the process.

Conclusion

Maintaining your 2007 Street Bob is essential to ensure its performance and longevity. The service manual is an indispensable tool that provides comprehensive guidance on maintenance, troubleshooting, and repairs. By following the outlined schedules and procedures, motorcycle owners can keep their Street Bob in prime condition, ensuring a safe and enjoyable riding experience.

Whether you are a seasoned mechanic or a novice rider, having access to the 2007 Street Bob service manual will empower you to take charge of your bike's maintenance. Regular care and attention will not only enhance your motorcycle's performance but also prolong its life, allowing you to enjoy the open road for years to come.

Frequently Asked Questions

What is the purpose of the 2007 Street Bob service manual?

The 2007 Street Bob service manual provides detailed instructions for maintenance, repair, and troubleshooting of the motorcycle, ensuring it runs smoothly and safely.

Where can I find a digital copy of the 2007 Street Bob service manual?

A digital copy of the 2007 Street Bob service manual can often be found on Harley-Davidson's official website, through authorized dealers, or on various motorcycle forums and online marketplaces.

What are some common maintenance tasks outlined in the 2007 Street Bob service manual?

Common maintenance tasks include oil changes, filter replacements, brake inspections, chain adjustments, and checking tire pressure.

Is the 2007 Street Bob service manual suitable for DIY repairs?

Yes, the 2007 Street Bob service manual is designed for both professional mechanics and DIY enthusiasts, providing step-by-step instructions and diagrams for repairs.

What tools are recommended for following the 2007 Street Bob service manual?

Recommended tools include basic hand tools like wrenches, sockets, screwdrivers, and specialty tools like torque wrenches and a multimeter for electrical diagnostics.

How often should I refer to the 2007 Street Bob service manual?

You should refer to the 2007 Street Bob service manual regularly for routine maintenance schedules, and whenever you encounter issues or before making modifications to your bike.

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