

1987 suzuki intruder 700 service manual

1987 Suzuki Intruder 700 Service Manual: Your Ultimate Guide to Maintenance and Repairs

1987 suzuki intruder 700 service manual is an indispensable resource for any owner or enthusiast of this classic cruiser motorcycle. Whether you're a seasoned mechanic or a passionate rider looking to understand your bike better, having access to a detailed service manual is crucial. The Intruder 700, known for its reliable V-twin engine and smooth ride, continues to captivate riders decades after its release. But like any machine, it requires proper maintenance and occasional repairs to keep running at its best. That's exactly where the service manual steps in, offering comprehensive guidance tailored specifically for the 1987 model.

Why You Need the 1987 Suzuki Intruder 700 Service Manual

Owning a vintage motorcycle like the Suzuki Intruder 700 can be a rewarding experience, but it also comes with unique challenges. Replacement parts can be scarce, and knowing how to diagnose and fix issues yourself not only saves money but also deepens your connection with the bike. The 1987 Suzuki Intruder 700 service manual is designed to provide detailed instructions on maintenance, troubleshooting, and repair procedures, helping riders stay ahead of common mechanical problems.

Beyond just basic maintenance tips, this manual dives into technical specifics such as torque settings, wiring diagrams, and engine overhaul procedures. Having this information at your fingertips means you don't have to rely solely on guesswork or expensive mechanic visits.

What's Inside the 1987 Suzuki Intruder 700 Service Manual?

The service manual is a treasure trove of information, meticulously organized to help users navigate every aspect of their Intruder 700. Here are some of the key sections you can expect:

1. Routine Maintenance Schedules

The manual outlines detailed maintenance intervals for oil changes, valve adjustments, brake inspections, chain lubrication, and other regular upkeep tasks. Following these schedules ensures your bike runs smoothly and safely.

2. Engine and Transmission Repair

For those interested in deeper mechanical work, the manual provides step-by-

step guides on disassembling, inspecting, and rebuilding the engine and transmission components. This includes instructions on piston replacement, carburetor tuning, and clutch servicing.

3. Electrical System Diagrams

Electrical issues can often be tricky to diagnose without a schematic. The service manual offers complete wiring diagrams, helping you trace circuits, test components, and fix wiring faults effectively.

4. Troubleshooting Tips

This section assists in identifying symptoms and probable causes of common problems like starting difficulties, poor fuel economy, or unusual noises. It's an invaluable resource when you need to quickly pinpoint what's wrong.

5. Specifications and Technical Data

Precise measurements and technical specs for bolts, fluid capacities, and torque values are included, so repairs are done to factory standards.

How to Use the 1987 Suzuki Intruder 700 Service Manual Effectively

Having the manual is one thing, but using it correctly maximizes its value. Here are some tips to get the most out of your service manual:

- **Read the Safety Warnings First:** Before starting any repair or maintenance, familiarize yourself with safety guidelines specific to the Intruder 700.
- **Follow Step-by-Step Instructions:** The manual's procedures are designed logically to prevent mistakes and ensure thoroughness.
- **Use the Correct Tools:** Many tasks require specialized tools. The manual often lists recommended tools—investing in these can make repairs easier and safer.
- **Keep the Manual Handy:** Whether you're in your garage or out on a ride, having quick access to the manual helps tackle unexpected issues.
- **Cross-Reference Symptoms:** Use troubleshooting charts to narrow down problems before diving into repairs.

Where to Find a 1987 Suzuki Intruder 700

Service Manual

In today's digital age, finding a service manual has become much simpler. Here are some reliable sources where you can obtain a manual for your 1987 Intruder 700:

Online Retailers and Marketplaces

Websites like eBay, Amazon, and specialized motorcycle parts stores often list physical copies or digital downloads of the service manual. Be sure to check the edition and model year to ensure accuracy.

Motorcycle Forums and Communities

Dedicated Suzuki Intruder forums and classic motorcycle groups can be a goldmine for manuals, sometimes offering free PDF downloads or print copies shared by other enthusiasts.

Official Suzuki Resources

Although Suzuki may no longer produce manuals for older models, authorized dealers or Suzuki's official online service portals might still provide access or point you toward legitimate sources.

Libraries and Bookstores

Some libraries maintain collections of automotive repair manuals, including those for motorcycles. Local or specialty bookstores might also stock copies or be able to order them for you.

Tips for Maintaining Your 1987 Suzuki Intruder 700

Owning a bike from 1987 means components have aged, and regular upkeep is essential. Here are some practical maintenance tips inspired by the guidance in the service manual:

- **Check the Fuel System:** Old fuel tends to gum up carburetors. Clean and rebuild carburetors periodically to avoid poor performance.
- **Inspect the Electrical Connections:** Corrosion and loose wiring can cause intermittent electrical problems. Use dielectric grease and secure connections as recommended.
- **Monitor the Valve Clearances:** Proper valve adjustment ensures smooth engine operation and longevity.
- **Maintain the Drive Chain:** Regular cleaning, lubrication, and correct tension prevent premature wear and ensure optimal power delivery.

- **Use Quality Fluids:** Stick to manufacturer-specified oils and brake fluids, especially given the age of the bike.

Understanding Common Issues with the 1987 Suzuki Intruder 700

Even with diligent maintenance, certain issues tend to arise on classic motorcycles like the Intruder 700. The service manual helps demystify these problems:

Carburetor Problems

Given the bike's age, carburetors may develop clogged jets or sticky floats. The manual provides detailed cleaning and adjustment procedures to restore optimal fuel delivery.

Starter Motor and Battery Concerns

Starting difficulties are common due to worn starter components or weak batteries. Knowing how to test and replace these parts can save time and hassle.

Brake Wear and Adjustment

Brakes must be regularly inspected for pad wear and fluid condition. The service manual explains how to safely service the braking system.

Exhaust and Emissions

Exhaust leaks or corrosion can impact performance and sound. The manual guides you through inspection and repair techniques.

Preserving Your Vintage Suzuki with the Right Knowledge

The 1987 Suzuki Intruder 700 represents a piece of motorcycle history, blending classic aesthetics with solid engineering. The service manual is more than a book—it's a crucial partner in preserving the bike's legacy. Whether you're performing basic oil changes or undertaking a full engine rebuild, this manual empowers you to approach each task with confidence and precision.

For many Intruder owners, the satisfaction derived from maintaining their motorcycle with their own hands is unmatched. It fosters a deeper appreciation for the craftsmanship and design of this iconic cruiser. So, keeping the 1987 Suzuki Intruder 700 service manual close by isn't just practical; it's part of the true riding experience.

Frequently Asked Questions

Where can I find a 1987 Suzuki Intruder 700 service manual?

You can find the 1987 Suzuki Intruder 700 service manual on websites like eBay, specialized motorcycle forums, and online manual repositories such as ManualsLib or RepairManual.com.

Does the 1987 Suzuki Intruder 700 service manual include wiring diagrams?

Yes, the service manual for the 1987 Suzuki Intruder 700 typically includes detailed wiring diagrams to assist with electrical troubleshooting and repairs.

Is the 1987 Suzuki Intruder 700 service manual available in PDF format?

Yes, many versions of the 1987 Suzuki Intruder 700 service manual are available in PDF format for easy download and printing from various online sources.

What maintenance procedures are covered in the 1987 Suzuki Intruder 700 service manual?

The service manual covers routine maintenance procedures such as oil changes, brake adjustments, chain maintenance, carburetor tuning, valve adjustments, and more.

Can I use the 1987 Suzuki Intruder 700 service manual for troubleshooting engine issues?

Yes, the service manual provides detailed troubleshooting guides, diagnostic procedures, and repair instructions specifically for engine-related issues.

Are there any differences between the 1987 Suzuki Intruder 700 service manual and other Intruder models?

Yes, the 1987 Suzuki Intruder 700 service manual is model-specific and may differ in specifications and procedures compared to other Intruder models or years.

How detailed are the repair instructions in the 1987 Suzuki Intruder 700 service manual?

The repair instructions are very detailed, including step-by-step procedures, torque specifications, illustrations, and safety precautions to ensure proper repairs.

Is the 1987 Suzuki Intruder 700 service manual suitable for beginners?

While the manual is detailed, it is written for users with some mechanical knowledge. Beginners may find it helpful but might need additional guidance or experience to fully utilize it.

Additional Resources

1987 Suzuki Intruder 700 Service Manual: A Comprehensive Guide for Enthusiasts and Mechanics

1987 suzuki intruder 700 service manual represents a critical resource for owners, restorers, and mechanics who engage with this classic cruiser motorcycle. As a model that blends vintage charm with robust engineering, the Suzuki Intruder 700 from 1987 holds a special place in the hearts of motorcycle enthusiasts. However, maintaining and repairing such a machine requires precise technical information, which this service manual provides comprehensively. This article delves into the importance of the 1987 Suzuki Intruder 700 service manual, its key features, and how it aids in preserving the bike's performance and longevity.

Understanding the Importance of the 1987 Suzuki Intruder 700 Service Manual

The 1987 Suzuki Intruder 700 is a mid-sized cruiser motorcycle powered by a V-twin engine known for its reliability and smooth power delivery. For riders and mechanics alike, having access to the original or a well-detailed service manual is indispensable. The service manual serves not only as a repair guide but also as an instructional document detailing the maintenance schedules, torque specifications, electrical wiring diagrams, and troubleshooting procedures.

Without the 1987 Suzuki Intruder 700 service manual, users may find it challenging to perform routine maintenance tasks such as oil changes, brake adjustments, or carburetor tuning. Moreover, the manual provides the intricate details required for more complex repairs, including valve adjustments, clutch servicing, and electrical system diagnostics. Its technical precision helps prevent costly mistakes and ensures the safety and reliability of the motorcycle.

Key Features and Contents of the Service Manual

The 1987 Suzuki Intruder 700 service manual is designed to cover every aspect of the motorcycle's mechanical and electrical systems. Some notable features include:

- **Detailed Engine Specifications:** Information on displacement, compression ratios, timing marks, and torque settings.
- **Step-by-Step Repair Procedures:** Clear instructions for disassembly,

inspection, repair, and reassembly of components.

- **Maintenance Schedules:** Recommended intervals for oil changes, spark plug replacement, valve clearance checks, and other preventive care.
- **Electrical Wiring Diagrams:** Comprehensive schematics that simplify troubleshooting of lighting, ignition, and charging systems.
- **Parts Identification:** Illustrated parts breakdowns that assist with ordering correct replacements.

These components collectively empower owners to undertake repairs confidently and maintain the bike's factory performance standards.

Comparative Perspective: Service Manuals vs. Digital Resources

In the digital age, some riders prefer online forums, YouTube tutorials, or digital repair guides. However, the 1987 Suzuki Intruder 700 service manual remains a gold standard for detailed, accurate, and manufacturer-approved information. Unlike generic repair videos or user-generated content, the service manual provides vetted technical data straight from Suzuki, ensuring precision and reliability.

That said, many modern formats of the manual are available in PDF, making it accessible on smartphones, tablets, or laptops. This hybrid approach combines the thoroughness of the traditional manual with the convenience of digital access. For vintage motorcycles, where exact specifications and original procedures matter, the service manual is irreplaceable.

Maintenance and Repair Insights from the 1987 Suzuki Intruder 700 Service Manual

Proper maintenance is essential to keep the 1987 Suzuki Intruder 700 running smoothly. The service manual outlines various critical maintenance tasks, including but not limited to:

Engine and Transmission Care

The manual emphasizes regular oil changes every 3,000 to 5,000 miles to preserve engine longevity. It also details the precise steps for checking and adjusting valve clearances, which significantly affect the bike's performance and fuel efficiency. Transmission servicing instructions include clutch cable adjustments and inspection of gear synchronizers, ensuring smooth gear shifts.

Electrical System Troubleshooting

Given the age of the 1987 model, electrical issues can be common. The service manual provides comprehensive wiring diagrams and testing procedures using voltmeters and test lights. It covers ignition coil testing, battery maintenance, and fuse replacements, which are crucial for avoiding breakdowns.

Brake and Suspension Maintenance

The Intruder 700's braking system, typically drum or disc brakes depending on the variant, requires periodic inspection and adjustment. The manual guides users through brake pad replacement, drum shoe inspection, and hydraulic system bleeding procedures. Additionally, suspension servicing, including fork oil changes and shock absorber checks, is covered in detail to ensure rider comfort and handling stability.

Carburetor Tuning and Fuel System Care

Fuel delivery is a common concern in older motorcycles. The 1987 Suzuki Intruder 700 service manual includes step-by-step carburetor cleaning, jet replacement, and synchronization instructions. Proper tuning prevents issues such as rough idling, poor acceleration, or increased fuel consumption.

Challenges and Considerations When Using the Service Manual

While the 1987 Suzuki Intruder 700 service manual is an invaluable resource, some challenges may arise for users:

- **Technical Complexity:** Some sections require a solid understanding of mechanical principles and specialized tools.
- **Availability:** Original hard copies might be rare and expensive; however, digital versions are increasingly accessible through online retailers and enthusiast forums.
- **Language and Terminology:** The manual uses technical jargon that may be daunting for first-time mechanics, necessitating supplementary learning or professional assistance.

Despite these challenges, the manual remains the definitive guide for anyone serious about maintaining the Intruder 700's integrity.

Where to Find the 1987 Suzuki Intruder 700 Service

Manual

Collectors and riders seeking the manual have several options:

- **Official Suzuki Dealerships:** Some dealerships maintain archives or can order manuals.
- **Online Marketplaces:** Websites like eBay and specialized motorcycle literature retailers often have digital or print copies.
- **Motorcycle Forums and Enthusiast Groups:** Communities focused on Suzuki Intruder models may share or sell manuals, along with valuable maintenance tips.

Securing a reliable version of the service manual ensures access to accurate and complete technical data essential for long-term ownership.

Final Thoughts on the Role of the 1987 Suzuki Intruder 700 Service Manual

The 1987 Suzuki Intruder 700 service manual stands as a cornerstone document that supports the preservation and enjoyment of this iconic motorcycle. For hobbyists, professional mechanics, or restoration experts, it offers unparalleled insight into the bike's construction and maintenance needs. In an era where motorcycles are increasingly complex, the existence of such a detailed manual for a classic model fosters a deeper understanding of mechanical fundamentals.

By adhering to the guidelines and instructions within the service manual, owners can ensure their Intruder 700 remains reliable, safe, and true to its original performance characteristics. This manual is not merely a book but a vital tool that bridges the past engineering excellence of Suzuki with the present-day passion of its riders.

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VX800 Marauder models)

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