

# 1987 SUZUKI INTRUDER 700 SERVICE MANUAL

**1987 Suzuki Intruder 700 Service Manual** is an essential resource for owners and enthusiasts of this classic motorcycle. This manual provides comprehensive information on the maintenance, repair, and servicing of the Suzuki Intruder 700, which was part of the Intruder series introduced in the late 1980s. Understanding the contents of this manual is crucial for keeping your motorcycle in optimal condition, ensuring safety, enhancing performance, and prolonging its lifespan.

## Overview of the 1987 Suzuki Intruder 700

The 1987 Suzuki Intruder 700 is a cruiser-style motorcycle that gained popularity for its unique design and reliable performance. With a V-twin engine configuration, it delivers a distinctive sound and ample torque, making it suitable for both city riding and long-distance cruising.

## Key Specifications

- Engine: 699cc, V-Twin, Air-cooled
- Power Output: Approximately 50 HP at 8,000 RPM
- Torque: 44 lb-ft at 6,500 RPM
- Transmission: 5-Speed Constant Mesh
- Weight: 504 lbs (wet)
- Fuel Capacity: 3.7 Gallons

These specifications highlight the Intruder 700's capability as a versatile motorcycle, making it a favorite among riders who appreciate both style and performance.

## Importance of the Service Manual

The **1987 Suzuki Intruder 700 Service Manual** serves multiple purposes for motorcycle owners:

- 1. Guidance for Maintenance:** Regular maintenance is crucial for any vehicle. This manual provides detailed instructions on how to perform routine checks, oil changes, and other essential maintenance tasks.
- 2. Repair Procedures:** Should your motorcycle experience mechanical issues, the service manual outlines step-by-step repair procedures, making it easier to troubleshoot and fix problems.
- 3. Parts Identification:** The manual includes diagrams and part numbers, which are invaluable for ordering replacement parts.
- 4. Safety Information:** Understanding the safety protocols and recommended practices outlined in the manual can help prevent accidents and improve overall riding safety.
- 5. Preserving Value:** Proper maintenance as per the service manual can help preserve the motorcycle's value, which is essential for those who may want to sell or trade their bike in the future.

## Contents of the Service Manual

The service manual for the 1987 Suzuki Intruder 700 is typically organized into several key sections:

# 1. GENERAL INFORMATION

THIS SECTION PROVIDES AN OVERVIEW OF THE MOTORCYCLE, INCLUDING ITS FEATURES, SPECIFICATIONS, AND A BRIEF HISTORY. IT ALSO INCLUDES SAFETY WARNINGS AND PRECAUTIONS TO CONSIDER WHILE WORKING ON THE BIKE.

## 2. MAINTENANCE SCHEDULE

AN ESSENTIAL FEATURE OF THE SERVICE MANUAL IS THE MAINTENANCE SCHEDULE, WHICH OUTLINES:

- DAILY AND WEEKLY CHECKS: ITEMS TO INSPECT REGULARLY, SUCH AS TIRE PRESSURE, LIGHTS, AND FLUID LEVELS.
- PERIODIC SERVICE INTERVALS: GUIDELINES FOR WHEN TO CHANGE THE OIL, REPLACE THE AIR FILTER, AND INSPECT BRAKE SYSTEMS.
- ANNUAL MAINTENANCE: IN-DEPTH CHECKS AND SERVICES THAT SHOULD BE PERFORMED YEARLY.

## 3. ENGINE AND TRANSMISSION SERVICE

THIS SECTION DELVES INTO THE ENGINE'S COMPONENTS AND HOW TO SERVICE THEM, INCLUDING:

- OIL CHANGE PROCEDURES: STEP-BY-STEP INSTRUCTIONS ON HOW TO DRAIN AND REPLACE ENGINE OIL.
- VALVE ADJUSTMENT: GUIDELINES ON CHECKING AND ADJUSTING THE VALVE CLEARANCE.
- CLUTCH AND TRANSMISSION MAINTENANCE: INSTRUCTIONS FOR ADJUSTING THE CLUTCH AND SERVICING THE TRANSMISSION.

## 4. ELECTRICAL SYSTEM

THE ELECTRICAL SYSTEM IS CRUCIAL FOR THE OPERATION OF LIGHTS, IGNITION, AND OTHER ELECTRONIC COMPONENTS. THIS SECTION COVERS:

- WIRING DIAGRAMS: VISUAL REPRESENTATIONS OF THE ELECTRICAL SYSTEM FOR TROUBLESHOOTING.
- BATTERY MAINTENANCE: GUIDELINES FOR CHECKING, CHARGING, AND REPLACING THE BATTERY.
- FUSES AND RELAYS: INFORMATION ON THE LOCATION AND REPLACEMENT OF FUSES AND RELAYS.

## 5. SUSPENSION AND BRAKES

PROPER SUSPENSION AND BRAKE MAINTENANCE IS VITAL FOR SAFETY AND HANDLING. THIS SECTION INCLUDES:

- FORK OIL CHANGE: INSTRUCTIONS ON HOW TO CHANGE THE FORK OIL FOR OPTIMAL PERFORMANCE.
- BRAKE INSPECTION: STEPS ON HOW TO INSPECT BRAKE PADS, DISCS, AND HYDRAULIC SYSTEMS.
- ADJUSTMENT PROCEDURES: GUIDELINES FOR ADJUSTING THE REAR SUSPENSION AND BRAKE SYSTEMS.

## 6. TROUBLESHOOTING GUIDE

THE TROUBLESHOOTING GUIDE IS A VALUABLE RESOURCE FOR DIAGNOSING COMMON PROBLEMS. IT TYPICALLY INCLUDES:

- SYMPTOM CHECKLISTS: A LIST OF COMMON SYMPTOMS WITH POSSIBLE CAUSES AND SOLUTIONS.
- FLOWCHARTS: VISUAL AIDS TO HELP IDENTIFY ISSUES BASED ON OBSERVED SYMPTOMS.

## 7. SPECIFICATIONS AND PARTS LISTS

THIS SECTION INCLUDES:

- **TORQUE SPECIFICATIONS:** RECOMMENDED TORQUE SETTINGS FOR VARIOUS COMPONENTS.
- **PARTS CATALOG:** A DETAILED LIST OF PARTS, INCLUDING PART NUMBERS AND DESCRIPTIONS FOR EASY ORDERING.

## HOW TO USE THE SERVICE MANUAL EFFECTIVELY

TO MAXIMIZE THE BENEFITS OF THE **1987 SUZUKI INTRUDER 700 SERVICE MANUAL**, CONSIDER THE FOLLOWING TIPS:

1. **FAMILIARIZE YOURSELF:** SPEND TIME READING THROUGH THE MANUAL BEFORE STARTING ANY WORK ON YOUR MOTORCYCLE. UNDERSTANDING THE LAYOUT AND CONTENT WILL SAVE YOU TIME LATER.
2. **FOLLOW INSTRUCTIONS CLOSELY:** ADHERE TO THE STEP-BY-STEP PROCEDURES OUTLINED IN THE MANUAL TO AVOID MISTAKES AND ENSURE SAFETY.
3. **KEEP THE MANUAL ACCESSIBLE:** STORE THE MANUAL IN A CONVENIENT LOCATION, SUCH AS YOUR GARAGE OR WORKSHOP, FOR EASY REFERENCE DURING MAINTENANCE AND REPAIRS.
4. **MAKE NOTES:** AS YOU WORK ON YOUR MOTORCYCLE, JOT DOWN NOTES OR OBSERVATIONS IN THE MANUAL FOR FUTURE REFERENCE.
5. **CONSULT PROFESSIONALS:** IF YOU ENCOUNTER A PROBLEM THAT SEEMS BEYOND YOUR SKILL LEVEL, DON'T HESITATE TO CONSULT A PROFESSIONAL MECHANIC.

## CONCLUSION

THE **1987 SUZUKI INTRUDER 700 SERVICE MANUAL** IS AN INDISPENSABLE TOOL FOR ANYONE WHO OWNS THIS ICONIC MOTORCYCLE. BY PROVIDING DETAILED INFORMATION ON MAINTENANCE, REPAIR PROCEDURES, AND TROUBLESHOOTING, IT EMPOWERS RIDERS TO TAKE CONTROL OF THEIR MOTORCYCLE'S UPKEEP. REGULARLY CONSULTING THIS MANUAL CAN HELP ENSURE THAT YOUR INTRUDER 700 REMAINS A RELIABLE AND ENJOYABLE MACHINE FOR YEARS TO COME. WHETHER YOU ARE A SEASONED MECHANIC OR A NOVICE RIDER, HAVING ACCESS TO THIS MANUAL IS ESSENTIAL IN PRESERVING THE PERFORMANCE AND VALUE OF YOUR SUZUKI INTRUDER 700.

## FREQUENTLY ASKED QUESTIONS

### WHERE CAN I FIND A SERVICE MANUAL FOR A 1987 SUZUKI INTRUDER 700?

YOU CAN FIND A SERVICE MANUAL FOR THE 1987 SUZUKI INTRUDER 700 THROUGH ONLINE RETAILERS LIKE EBAY, AMAZON, OR SPECIALIZED MOTORCYCLE FORUMS. ADDITIONALLY, WEBSITES LIKE MANUALSLIB OR THE SUZUKI OWNER'S CLUB MAY HAVE DIGITAL COPIES AVAILABLE.

### WHAT ARE COMMON MAINTENANCE TASKS COVERED IN THE 1987 SUZUKI INTRUDER 700 SERVICE MANUAL?

THE SERVICE MANUAL TYPICALLY COVERS TASKS SUCH AS OIL CHANGES, VALVE ADJUSTMENTS, BRAKE MAINTENANCE, AND

TROUBLESHOOTING ELECTRICAL ISSUES. IT ALSO PROVIDES SPECIFICATIONS FOR TORQUE SETTINGS AND FLUID CAPACITIES.

## **IS THE 1987 SUZUKI INTRUDER 700 SERVICE MANUAL AVAILABLE IN DIGITAL FORMAT?**

YES, MANY SERVICE MANUALS, INCLUDING THE ONE FOR THE 1987 SUZUKI INTRUDER 700, ARE AVAILABLE IN PDF FORMAT ON VARIOUS WEBSITES AND CAN BE DOWNLOADED FOR EASE OF ACCESS.

## **WHAT SPECIFIC TOOLS ARE RECOMMENDED IN THE SERVICE MANUAL FOR THE 1987 SUZUKI INTRUDER 700?**

THE SERVICE MANUAL RECOMMENDS BASIC MOTORCYCLE TOOLS LIKE WRENCHES, SCREWDRIVERS, PLIERS, A TORQUE WRENCH, AND SPECIALTY TOOLS LIKE A VALVE SHIM TOOL FOR SPECIFIC MAINTENANCE TASKS.

## **CAN I USE THE SERVICE MANUAL FOR OTHER SUZUKI INTRUDER MODELS?**

WHILE SOME INFORMATION MAY BE APPLICABLE TO OTHER SUZUKI INTRUDER MODELS, IT'S BEST TO USE THE SPECIFIC SERVICE MANUAL FOR THE 1987 SUZUKI INTRUDER 700 TO ENSURE ACCURACY IN MAINTENANCE AND REPAIRS.

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