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**Suzuki DR650SE**

# Suzuki DR650SE Motorcycle Service and Repair Manual (2006-2013)

Comprehensive Guide for Maintenance, Service, and Repair

## INTRODUCTION

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This manual provides detailed instructions for the service, maintenance, and repair of Suzuki DR650SE motorcycles produced from 2006 through 2013. It is designed to assist both professional technicians and experienced DIY enthusiasts in performing various tasks to keep the motorcycle in optimal condition. The content covers all essential systems and components, ensuring a thorough understanding of repair procedures.

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**SUZUKI**  
DR650SE • 1996-2019

MAINTENANCE • TROUBLESHOOTING • REPAIR

**COLOR**  
Wiring Diagrams

This image displays the front cover of the Suzuki DR650SE Motorcycle Repair Shop & Service Manual, indicating its comprehensive content for models from 2006 to 2013.

## MAINTENANCE

Routine maintenance is crucial for the longevity and performance of your Suzuki DR650SE. This section outlines procedures for regular checks and servicing across various motorcycle systems.

- **Engine:** Detailed tune-up and routine maintenance procedures for the engine, including oil changes, filter replacements, and valve adjustments.

- **Clutch and Transmission:** Comprehensive steps for inspecting, adjusting, and servicing the clutch and transmission systems to ensure smooth operation.
- **Fuel and Exhaust System:** Maintenance and repair guidelines for the fuel delivery components, carburetor/fuel injection, and exhaust system, including cleaning and inspection.
- **Ignition System:** Information on the ignition system, including spark plug inspection, coil checks, and timing adjustments.
- **Steering and Suspension:** Procedures for maintaining and adjusting the steering head bearings, front forks, and rear shock absorber for safe and comfortable riding.
- **Wheels, Brakes, and Tires:** Comprehensive instructions for inspecting, servicing, and replacing wheels, brake pads, brake fluid, and tires.
- **Electrical System:** Guidance on the electrical system, including battery maintenance, fuse checks, and component testing.
- **Frame and Body:** Maintenance and repair of the motorcycle's frame, subframe, and body components, including fastener torque specifications.

## TROUBLESHOOTING

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This manual includes sections dedicated to diagnosing and resolving common issues that may arise with your Suzuki DR650SE. It provides systematic approaches to identify problems and implement effective solutions, minimizing downtime and ensuring reliable operation. Flowcharts and diagnostic tables guide users through common symptoms to pinpoint root causes.

## SPECIFICATIONS

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The manual contains detailed specifications, drawings, and charts essential for accurate service and repair. These include:

- **Torque Values:** Specific tightening torques for all fasteners.
- **Fluid Capacities:** Recommended volumes for engine oil, brake fluid, and other lubricants.
- **Component Dimensions:** Critical measurements and wear limits for various parts.
- **Service Limits:** Maximum allowable wear or minimum acceptable dimensions for components.

## WIRING DIAGRAMS

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Complete color wiring diagrams are provided to assist in diagnosing electrical issues and understanding the motorcycle's electrical layout. These diagrams are invaluable for tracing circuits, identifying components, and troubleshooting electrical faults efficiently.

## IMPORTANT INFORMATION

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To maximize the utility of this service manual, it is recommended to read through relevant sections thoroughly before beginning any work. Pay close attention to safety warnings, recommended procedures, and special tool requirements. The manual features exploded views and numerous illustrations to clarify complex steps and component assembly. Always use appropriate safety gear and follow manufacturer guidelines.

