

BMW F650 GS, F650 GS Dakar

BMW F650 GS F650 GS Dakar Repair Manual (2000-2007)

Comprehensive Maintenance and Repair Instructions

INTRODUCTION

This manual provides detailed instructions for the maintenance and repair of BMW F650 GS and F650 GS Dakar motorcycle models manufactured between the years 2000 and 2007. It is designed to assist owners and technicians in performing various service procedures to ensure the proper functioning and longevity of the motorcycle.

Refer to this guide for accurate information regarding component specifications, diagnostic procedures, and step-by-step repair processes.

USING THIS MANUAL

The manual is organized into sections covering different aspects of the motorcycle's systems. Each section contains specific instructions, diagrams, and specifications relevant to the topic. It is recommended to read through the relevant section completely before beginning any maintenance or repair task.

- **Safety First:** Always prioritize safety. Wear appropriate personal protective equipment and follow all safety warnings provided within the manual and on the motorcycle itself.
- **Tools:** Ensure you have the correct tools for each task. Using improper tools can cause damage or injury.
- **Cleanliness:** Maintain a clean working environment to prevent contamination of sensitive components.

MAINTENANCE PROCEDURES

This section outlines routine and periodic maintenance tasks essential for the optimal performance and safety of your BMW F650 GS or F650 GS Dakar. Regular maintenance helps prevent major issues and extends the lifespan of your motorcycle.

Key Maintenance Areas Covered:

- **Engine:** Oil changes, filter replacement, valve clearance checks, and general engine inspection.
- **Clutch:** Adjustment, inspection, and replacement procedures.
- **Brakes:** Fluid checks, pad replacement, disc inspection, and bleeding procedures.
- **Frame:** Inspection for damage, torque specifications for fasteners.
- **Front Forks:** Oil replacement, seal inspection, and adjustment.
- **Electrical System:** Battery maintenance, fuse checks, and wiring inspections.
- **Wheels and Tires:** Pressure checks, wear inspection, and replacement guidelines.

Each procedure includes step-by-step instructions and, where applicable, torque specifications and recommended fluid types.

TROUBLESHOOTING GUIDE

This section provides a systematic approach to diagnosing common issues that may arise with your motorcycle. It includes flowcharts and diagnostic tables to help identify the root cause of problems based on symptoms.

Common Issues Addressed:

- Engine starting difficulties
- Poor engine performance
- Brake system malfunctions
- Electrical system failures
- Suspension irregularities

Always consult the relevant repair section after identifying a potential issue to perform the necessary corrective actions.

SPECIFICATIONS

Detailed technical specifications for the BMW F650 GS and F650 GS Dakar models (2000-2007) are provided to ensure correct component selection and proper adjustments during maintenance and repair.

General Motorcycle Specifications (Refer to manual for full details)

Category	Detail
Engine Type	Single-cylinder, 4-stroke
Displacement	652 cc
Fuel System	Fuel Injection
Transmission	5-speed
Brakes (Front)	Single disc
Brakes (Rear)	Single disc

This manual itself has a print length of 332 pages and an ISBN-13 of 979-8860285521.

PRODUCT IMAGES



Image Description: The front cover of the repair manual. It features a dark blue background with stylized red curved lines. The title "BMW F650 GS F650 GS Dakar repair manual 2000 - 2007" is prominently displayed in white text. The author's name, "GCGPSA", is visible in the top right corner. This image represents the primary visual identification of the manual.

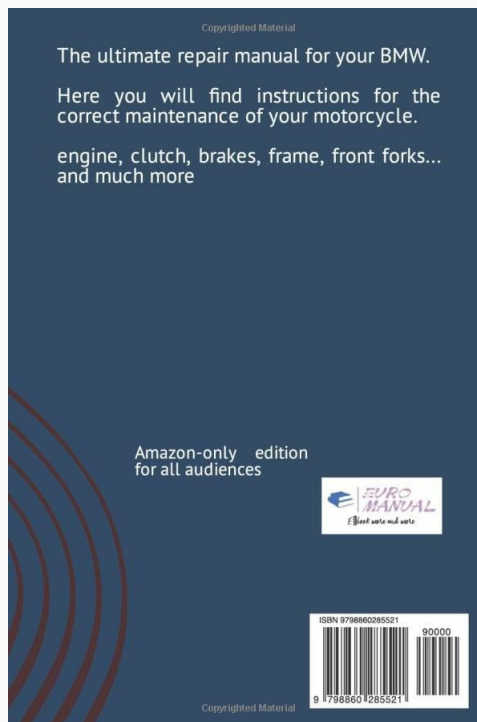



Image Description: The back cover of the repair manual. It includes a brief summary stating "The ultimate repair manual for your BMW. Here you will find instructions for the correct maintenance of your motorcycle. engine, clutch, brakes, frame, front forks... and much more". Text also indicates "Amazon-only edition for all audiences" and features a "EURO MANUAL" logo. An ISBN barcode with the number 9798860285521 is visible at the bottom.

WARRANTY INFORMATION

SUPPORT AND FURTHER ASSISTANCE

For general inquiries about the manual itself, refer to the publisher's contact information if available, or the platform from which it was acquired.

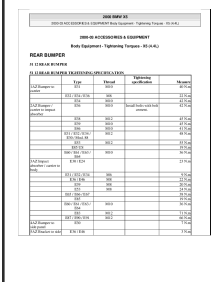
Related Documents - F650 GS, F650 GS Dakar

<p>Fuses and relays BMW E46 (3 Series, 1998 - 2007)</p>  <p>There are two fuse boxes located in the engine compartment. They are well protected and have been specifically designed to protect the fuses from damage.</p> <p>In the engine compartment</p> <p>The main fuse box contains all the fuses for the engine, transmission, and other major components.</p> <p>Fuse box</p>	<h2>BMW E46 (3 Series, 1998-2007) Fuses and Relays Guide</h2> <p>Detailed guide to the fuses and relays for the BMW E46 3 Series, covering models from 1998 to 2007. Includes diagrams and locations for engine compartment and passenger compartment fuse boxes.</p>
<p>BMW MRS III</p> <p>MULTIPLE RESTRAINT SYSTEM OVERVIEW FOR X5</p> <p>This document provides a detailed overview of the Multiple Restraint System (MRS III) used in the X5 (E53) from 2001 to 2006. It covers system introduction, components like the control module, satellite sensors, airbags, seat belt tensioners, and the system's operational logic and triggering thresholds.</p>	<h2>BMW MRS III Multiple Restraint System Overview for X5 (2001-2006)</h2> <p>Detailed overview of the BMW Multiple Restraint System (MRS III) used in the X5 (E53) from 2001-2006. Covers system introduction, components like the control module, satellite sensors, airbags, seat belt tensioners, and the system's operational logic and triggering thresholds.</p>
<p>BMW A5S</p> <p>AUTOMATIC TRANSMISSIONS</p> <p>Servicing AND REPAIR AND MAINTENANCE</p> <p>APPLICATION</p> <p>This comprehensive servicing guide for BMW automatic transmissions focuses on A5S 325Z and A5S 360R/390R models. It includes application charts, identification codes, fluid recommendations, and adjustment procedures for vehicles like the BMW X5, 3-Series, and Z4.</p>	<h2>BMW Automatic Transmission Servicing Guide: 1997-2005 Models</h2> <p>Comprehensive servicing guide for 1997-2005 BMW automatic transmissions, focusing on A5S 325Z and A5S 360R/390R models. Includes application charts, identification codes, fluid recommendations, and adjustment procedures for vehicles like the BMW X5, 3-Series, and Z4.</p>



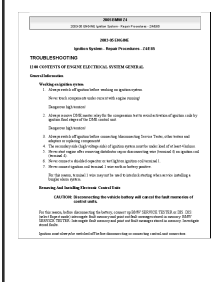
[BMW 5 Series \(E60/E61, 2003-2010\) Fuse and Relay Diagrams](#)

A comprehensive guide detailing the fuse and relay diagrams for the BMW 5 Series E60 and E61 models manufactured between 2003 and 2010. This document provides detailed information on fuse box locations, fuse and relay functions, and their corresponding amperage ratings for various vehicle systems.



[BMW X5 \(2000-03, 4.4L\) Body Equipment Tightening Torques](#)

Comprehensive guide detailing tightening specifications for various body equipment components of the 2000-2003 BMW X5 (4.4L), including bumpers, trim, mirrors, door locks, and loose body parts. Essential for accurate automotive maintenance and repair.



[2005 BMW Z4 Ignition System Repair Procedures and Troubleshooting Guide](#)

Detailed technical guide for 2003-2005 BMW Z4 (E85) engine ignition system repair, including troubleshooting, safety, and component replacement procedures for optimal vehicle performance.