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Volkswagen Golf V, Touran I, Golf Plus, Jetta

VW Golf V, Touran I, Golf Plus, Jetta Service and Repair Manual (2003-2008)

Comprehensive guide for maintenance, servicing, and repair procedures.

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1. INTRODUCTION TO YOUR VEHICLE SERVICE MANUAL

This manual, titled "So wird's gemacht" (This is how it's done), provides comprehensive instructions and detailed illustrations for the maintenance, servicing, and repair of various Volkswagen models. It is an essential resource for vehicle owners and technicians seeking to perform work on their vehicles.

The book covers the following models and production years:

- **Volkswagen Golf V:** October 2003 to September 2008
- **Volkswagen Touran I:** March 2003 to September 2006
- **Volkswagen Golf Plus:** January 2005 to February 2009
- **Volkswagen Jetta:** August 2005 to September 2008

Authored by Hans-Rüdiger Etzold and published by Delius Klasing Vlg GmbH, this German-language edition offers in-depth guidance for a wide range of automotive tasks.

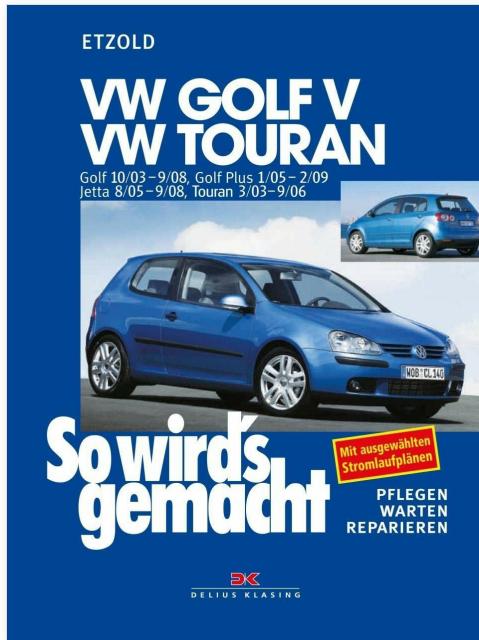


Image 1: Front cover of the "So wird's gemacht" service and repair manual. This image displays the title and covered vehicle models, providing a visual reference for the manual itself.

2. How TO USE THIS MANUAL

This manual is structured to guide you through various procedures step-by-step. Each section is dedicated to a specific system or component of the vehicle. To effectively use this manual:

- 1. Identify Your Vehicle:** Confirm your vehicle's model and production year match those listed in the introduction.
- 2. Locate the Relevant Section:** Use the detailed index (if available within the physical book) or browse the chapter headings to find the specific task you wish to perform.
- 3. Read Thoroughly:** Before beginning any work, read the entire procedure, including all warnings and notes.
- 4. Consult Illustrations:** Pay close attention to diagrams and photographs, which provide visual aids for component locations and assembly sequences.
- 5. Gather Tools and Parts:** Ensure you have all necessary tools, replacement parts, and safety equipment before starting.

The manual is written in German. Users unfamiliar with the language may require translation assistance to fully understand the instructions.

3. SAFETY INFORMATION

Working on vehicles can be dangerous. Always prioritize safety to prevent injury or damage to the vehicle. This manual provides technical guidance, but it is crucial to exercise caution and good judgment.

- Personal Protective Equipment (PPE):** Always wear appropriate safety glasses, gloves, and other protective gear as required by the task.
- Vehicle Support:** Ensure the vehicle is securely supported on jack stands before working underneath it. Never rely solely on a jack.
- Engine Safety:** Allow the engine to cool before working on hot components. Disconnect the battery when working on electrical systems.
- Fluid Handling:** Handle automotive fluids (oil, coolant, brake fluid) with care and dispose of them responsibly.
- Tool Usage:** Use the correct tools for each job and ensure they are in good condition.

Refer to the specific safety warnings and precautions detailed within each section of the manual before commencing any procedure.

4. MAINTENANCE PROCEDURES

This manual details routine maintenance tasks essential for the longevity and optimal performance of your Volkswagen. Key maintenance areas covered include:

- **Fluid Checks and Changes:** Engine oil, transmission fluid, coolant, brake fluid, power steering fluid.
- **Filter Replacement:** Oil filter, air filter, fuel filter, cabin air filter.
- **Brake System Inspection:** Pad wear, disc condition, fluid levels.
- **Tire Rotation and Inspection:** Tread depth, pressure, wear patterns.
- **Lighting and Electrical Checks:** Bulb replacement, fuse inspection.
- **Wiper Blade Replacement:** Ensuring clear visibility.

Following the recommended maintenance schedule outlined in the manual will help prevent costly repairs and ensure reliable vehicle operation.

5. REPAIR PROCEDURES

The manual provides comprehensive instructions for diagnosing and repairing common issues across various vehicle systems. Topics typically include:

- **Engine:** Component removal and installation, timing belt/chain procedures, cylinder head work.
- **Transmission:** Removal, installation, and basic servicing (for manual and automatic transmissions).
- **Suspension and Steering:** Shock absorber replacement, control arm servicing, steering rack procedures.
- **Braking System:** Caliper overhaul, master cylinder replacement, ABS system information.
- **Electrical System:** Wiring diagrams, component testing, sensor replacement.
- **Bodywork and Interior:** Panel removal, interior trim, window mechanisms.

Detailed exploded views and step-by-step instructions aim to simplify complex repair tasks.

6. TROUBLESHOOTING GUIDES

This manual includes sections dedicated to troubleshooting common vehicle problems. These guides assist in identifying the root cause of symptoms such as:

- Engine starting difficulties
- Unusual noises or vibrations
- Braking system malfunctions
- Electrical system failures
- Poor engine performance
- Warning light indications

By systematically following the troubleshooting steps, users can often pinpoint issues before attempting repairs.

7. TECHNICAL SPECIFICATIONS

The manual contains a comprehensive section detailing technical specifications for the covered Volkswagen models. This

includes, but is not limited to:

- Engine displacement and power outputs
- Fluid capacities and types (e.g., engine oil, coolant, brake fluid)
- Torque specifications for various fasteners
- Tire sizes and recommended pressures
- Electrical system values (e.g., fuse ratings)
- Vehicle dimensions and weights

Always refer to these specifications when performing maintenance or repairs to ensure correct component selection and proper assembly.

8. PUBLISHER INFORMATION

This service and repair manual was authored by **Hans-Rüdiger Etzold** and published by **Delius Klasing Vlg GmbH**. The publication date for this edition is April 15, 2005. The original language of the manual is German.

For further inquiries regarding the publication, please contact the publisher directly. No specific warranty information for the book's content is provided beyond its informational purpose.

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This manual is intended for informational purposes only. Always consult a qualified professional for complex repairs.