

Porsche 911 SC (1978-1983)

Porsche 911 SC Service Manual (1978-1983)

Comprehensive Technical Repair and Maintenance Information

1. INTRODUCTION

This Bentley Publishers service manual serves as an indispensable technical reference for owners and professional technicians engaged in the maintenance and repair of Porsche 911 SC models. It provides detailed procedures and specifications to ensure accurate and effective service operations for vehicles manufactured between 1978 and 1983.



This image displays the front cover of the Bentley Publishers service manual for the Porsche 911 SC, covering models from 1978 to 1983. The cover features the Porsche 911 SC logo and publication details.

2. VEHICLE COVERAGE

2.1. Applicable Models and Years

This manual specifically covers the Porsche 911 SC models produced from **1978 through 1983**. This includes all body styles: Coupe, Targa, and Cabriolet variants.

2.2. Engine Specifications

- **Type:** 3.0 liter 6-cylinder (930/04, 930/07 and 930/16)
- **Configuration:** Horizontally opposed, air-cooled

2.3. Transmission Specifications

- **Type:** 915 (5-speed manual)
- **Clutch:** Cable-operated

3. KEY MAINTENANCE AND REPAIR PROCEDURES

The manual provides detailed instructions for a wide range of service tasks, ensuring proper vehicle upkeep and repair.

3.1. Engine Disassembly and Rebuilding

Includes comprehensive guides for the complete disassembly and subsequent rebuilding of the engine, detailing necessary techniques and specifications for each component.

3.2. Camshaft and Timing Chain Replacement

Step-by-step procedures for replacing camshafts and timing chains, including methods that can be performed with the engine remaining in the vehicle.

3.3. Fuel Injection System Service

A dedicated section describes the CIS (Continuous Injection System) fuel injection system, offering repair and adjustment guidelines.

3.4. Ignition System Maintenance

Information and repair procedures for the Capacitor Discharge Ignition (CDI) system are included to assist with ignition system diagnostics and service.

4. TROUBLESHOOTING AND DIAGNOSTICS

This manual is designed to assist in diagnosing and resolving common issues encountered with the Porsche 911 SC. It provides systematic approaches to identify problems and outlines corrective actions, leveraging detailed diagrams and explanations to guide users through complex diagnostic processes.

5. USING THIS MANUAL

The manual is structured for clarity and ease of use. Each section focuses on specific vehicle systems or repair tasks, presented with clear, concise language and supported by numerous illustrations and technical diagrams. Users are advised to familiarize themselves with the manual's layout and the introductory sections before attempting any procedures. Always adhere to the safety warnings and precautions detailed within the manual to prevent injury or damage to the vehicle.

6. SPECIFICATIONS

6.1. Manual Product Specifications

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7. SUPPORT AND RESOURCES

7.1. Publisher Information

This service manual is published by Bentley Publishers. For any specific inquiries regarding the content, technical clarifications, or potential errata, please refer to the official resources provided by Bentley Publishers.

7.2. Product Returns

For information concerning returns, exchanges, or warranty details pertaining to the purchase of this manual, please consult the specific return policy of the retailer from whom the product was acquired. Standard return policies often include a 30-day window for refunds or replacements.