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Chrysler 1989 RWD Full Size Car

1989 Chrysler RWD Full Size Car Shop Service Manual

Official OEM Service and Repair Instructions

Introduction

This document serves as the official Shop Service Manual for 1989 Chrysler Rear-Wheel Drive Full Size Cars. It provides comprehensive, detailed instructions and specifications necessary for the proper diagnosis, maintenance, and repair of your vehicle. This manual is an essential resource for technicians and owners seeking accurate information to ensure the longevity and optimal performance of their Chrysler vehicle.



This image displays the front cover of the official 1989 Chrysler Rear-Wheel Drive Full Size Car Shop Service Manual, providing a visual reference for the document.

Setup and Navigation

To effectively utilize this service manual, familiarize yourself with its organizational structure. The manual is typically divided into sections, each dedicated to a specific system or component of the vehicle. Key elements for navigation include:

- **Section Tabs/Dividers:** Use these to quickly locate major sections such as Engine, Transmission, Brakes, Electrical, etc.
- **Table of Contents (within sections):** Each major section usually begins with a detailed table of contents listing subsections and page numbers for specific procedures.
- **Index:** A comprehensive index at the back of the manual allows for quick lookup of specific terms, components, or procedures.
- **Diagrams and Illustrations:** Pay close attention to wiring diagrams, exploded views, and component location illustrations, which are crucial for visual understanding.

Always refer to the introductory pages of each section for specific instructions on interpreting diagrams, symbols, and abbreviations used within that section.

Operating Procedures (Using the Manual)

This manual guides you through various operational procedures related to vehicle service. When performing any task, follow these general guidelines:

1. **Identify the System:** Determine which vehicle system or component requires attention (e.g., engine, transmission, suspension).
2. **Locate the Relevant Section:** Navigate to the corresponding section in the manual.
3. **Read Thoroughly:** Before beginning any work, read the entire procedure from start to finish to understand all steps, required tools, and safety precautions.
4. **Follow Step-by-Step:** Execute each step precisely as described, paying attention to torque specifications, fluid types, and adjustment procedures.
5. **Safety First:** Always adhere to safety warnings and use appropriate personal protective equipment.

For specific tasks like engine tuning or electrical diagnostics, the manual provides detailed flowcharts and diagnostic trees to guide you through the process.

Maintenance Guidelines

The manual outlines a comprehensive maintenance schedule and detailed procedures for routine service tasks. Regular maintenance is crucial for the reliability and longevity of your 1989 Chrysler RWD Full Size Car. Key maintenance areas covered include:

- **Fluid Checks and Changes:** Instructions for engine oil, transmission fluid, coolant, brake fluid, and power steering fluid.
- **Filter Replacement:** Procedures for air filters, fuel filters, and oil filters.
- **Brake System Service:** Inspection, adjustment, and replacement of brake pads, shoes, rotors, and drums.
- **Ignition System:** Spark plug replacement, ignition timing, and distributor service.
- **Belt and Hose Inspection:** Guidelines for checking and replacing drive belts and coolant hoses.

Refer to the dedicated maintenance schedule section for recommended service intervals based on mileage or time.

Troubleshooting and Diagnostics

This service manual is an invaluable tool for diagnosing and resolving vehicle issues. It includes extensive troubleshooting charts and diagnostic procedures designed to help identify the root cause of various symptoms. When encountering a problem:

- **Symptom-Based Charts:** Locate the section corresponding to the observed symptom (e.g., "Engine Cranks but Won't Start," "Brakes Squeal").
- **Diagnostic Flowcharts:** Follow the step-by-step diagnostic flowcharts, performing tests and checks as indicated.
- **Component Testing:** Detailed instructions for testing individual components using multimeters, pressure gauges, and other specialized tools.
- **Wiring Diagrams:** Essential for electrical troubleshooting, helping to trace circuits and identify faults.

Always start with the simplest checks and progressively move to more complex diagnostics as guided by the manual.

Specifications

The manual contains a comprehensive list of technical specifications for all major components and systems of the 1989 Chrysler RWD Full Size Car. These specifications are critical for proper assembly, adjustment, and repair. Key

specifications include:

- **Engine:** Displacement, horsepower, torque, compression ratio, valve clearances, ignition timing.
- **Transmission:** Gear ratios, fluid capacity and type, shift points.
- **Brakes:** Rotor/drum minimum thickness, pad/shoe specifications, fluid type.
- **Suspension:** Alignment specifications, spring rates, shock absorber types.
- **Torque Specifications:** Detailed torque values for fasteners throughout the vehicle.
- **Fluid Capacities:** All fluid capacities (engine oil, coolant, transmission, differential, etc.) and recommended types.

Always refer to the specific specification tables within the relevant sections before performing any adjustments or component replacements.

Warranty Information

This document is a service and repair manual for a 1989 vehicle and does not include warranty information for the vehicle itself or for the manual as a product. For information regarding the original vehicle warranty, please refer to the owner's manual or contact a Chrysler dealership from the period of purchase. This manual is intended for informational and repair purposes only.

Support and Additional Resources

As an official OEM service manual, this document is a primary source of technical information. Direct support for the content of this manual is typically not provided by the publisher beyond the initial purchase. For further assistance with vehicle repair or specific technical questions, it is recommended to consult:

- **Certified Automotive Technicians:** Professionals with experience in vintage Chrysler vehicles.
- **Automotive Forums and Communities:** Online resources where enthusiasts and experts share knowledge.
- **Specialized Tool Suppliers:** For information on specific diagnostic or repair tools mentioned in the manual.

Always ensure you are using the correct edition of the manual for your specific vehicle year and model to avoid discrepancies.

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