

Cadillac 1966 Cadillac (Calais, Sedan de Ville, Coupe de Ville, De Ville convertible, Fleetwood Sixty Special Sedan, Eldorado, Li

1966 Cadillac Shop Service Repair Manual

Comprehensive Guide for Deville, Eldorado, Fleetwood, and other 1966 Cadillac Models

INTRODUCTION

This manual is a faithful, page-for-page reproduction of the original 1966 Cadillac Factory Repair Shop & Service Manual. It provides detailed, step-by-step instructions and illustrations used by Cadillac mechanics to service vehicles from the 1966 model year. This resource is essential for owners and technicians performing maintenance and repairs.

The manual covers various 1966 Cadillac models, including:

- Cadillac Calais
- Cadillac Sedan de Ville
- Cadillac Coupe de Ville
- Cadillac De Ville convertible
- Cadillac Fleetwood Sixty Special Sedan
- Cadillac Eldorado
- Cadillac Limousine 75
- Cadillac Seventy-Five Sedan

GENERAL INFORMATION AND MANUAL USAGE

This shop manual is designed to provide comprehensive information for diagnosing, repairing, and maintaining your 1966 Cadillac. It includes detailed procedures, specifications, and wiring diagrams to assist in various service operations. Users are encouraged to read relevant sections thoroughly before attempting any repair.

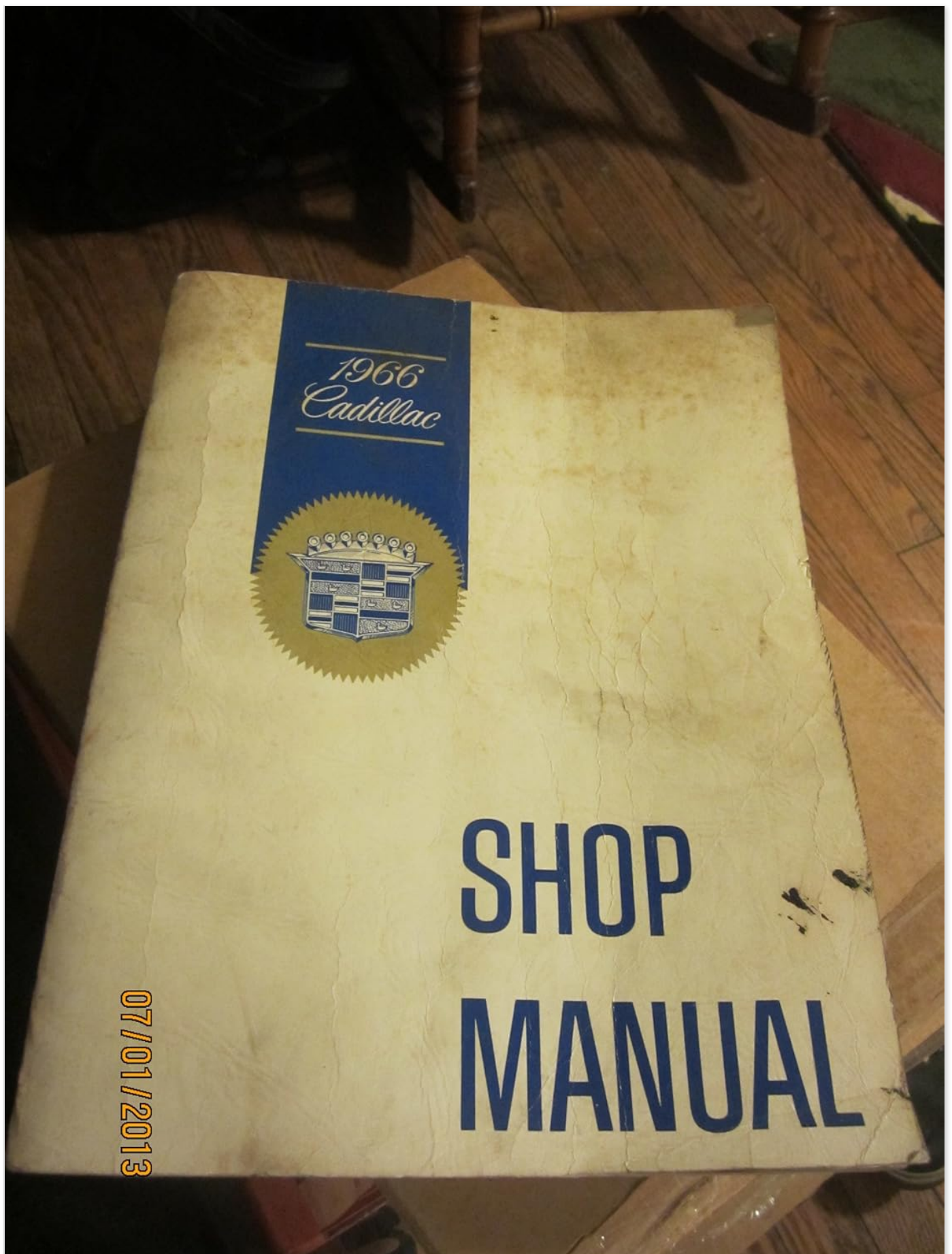


Figure 1.1: Front cover of the 1966 Cadillac Shop Manual. This image displays the manual's cover, featuring the year "1966 Cadillac" with the brand's crest, and the prominent title "SHOP MANUAL" at the bottom.

The manual provides detailed service procedures for a wide range of vehicle systems. Each section is organized to facilitate easy navigation and understanding of complex repairs.

Engine and Components

This section covers the engine assembly, including its various components, fuel system, cooling system, and exhaust system. Procedures for diagnosis, removal, installation, and overhaul are provided.

Chassis and Suspension

Detailed instructions for the vehicle's frame, front and rear suspension systems, and wheel alignment are included. This ensures proper handling and ride quality.

Power Steering and Power Brakes

Comprehensive guides for servicing the power steering system, including pumps, hoses, and steering gears. The power brake section covers master cylinders, brake boosters, wheel cylinders, and drum/disc brake systems.

Transmission and Drivetrain

Information on automatic transmissions, propeller shafts, and rear axle assemblies. This includes fluid checks, adjustments, and major repair procedures.

Electrical Systems

This critical section details the vehicle's electrical components, including the charging system, starting system, ignition system, lighting, and various electrical accessories. Wiring diagrams are integral to this section.

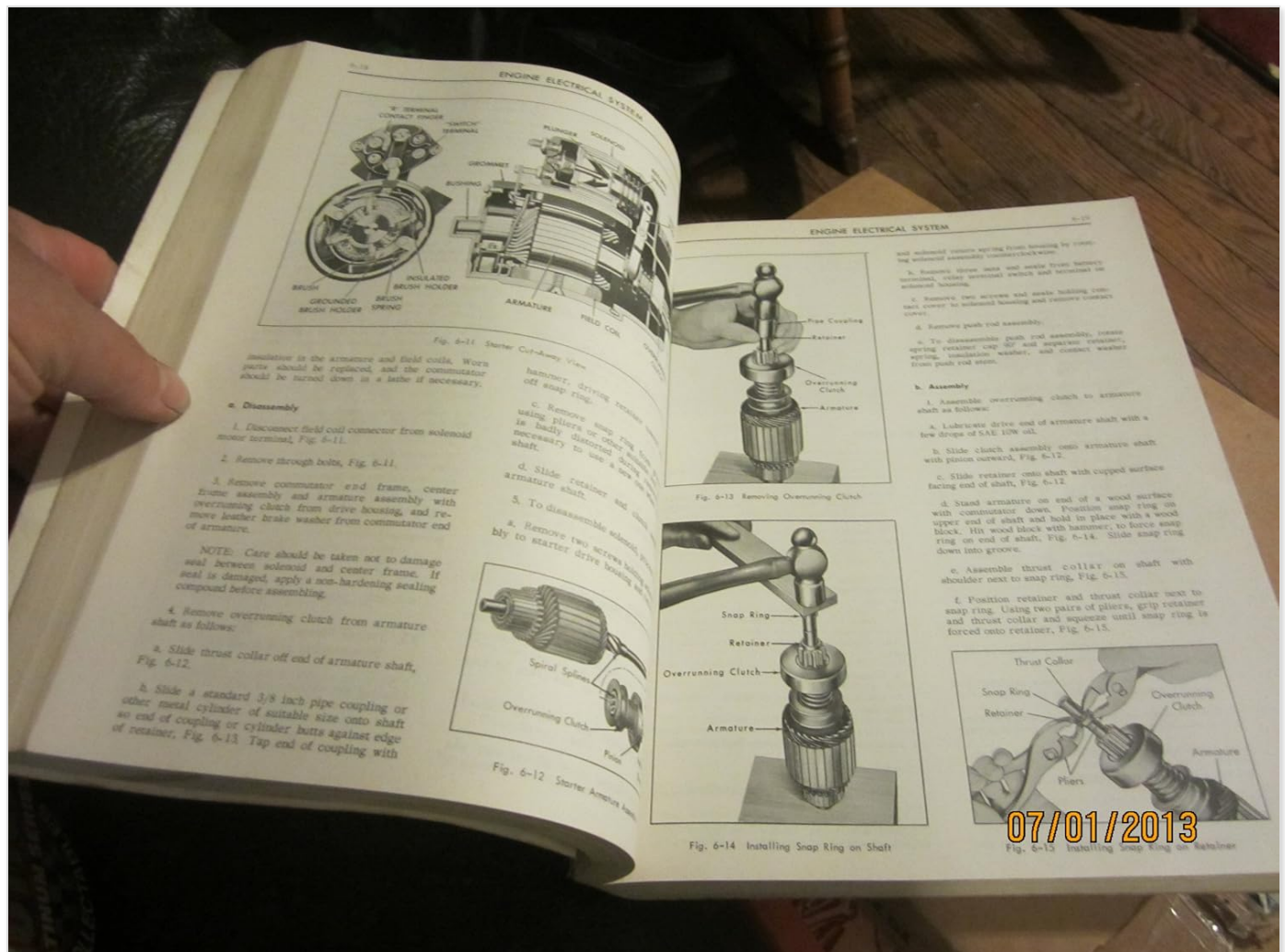


Figure 2.1: An open page from the 1966 Cadillac Shop Manual. This image shows detailed diagrams and text instructions related to the engine electrical system, including components like the armature and field coils, and procedures for disassembly and assembly of parts like the overrunning clutch.

Heater and Air Conditioner

Service procedures for the heating and air conditioning systems, ensuring proper climate control within the vehicle cabin.

Chassis Sheet Metal and Instrument Panel

Guidance on body panel repair, alignment, and maintenance, as well as detailed information on the instrument panel components and their service.

SPECIFICATIONS

The manual includes comprehensive technical specifications for all covered systems and components. These specifications are crucial for accurate adjustments and part replacement.

Table 3.1: Example Specifications (Illustrative)

Component	Specification	Unit
Engine Oil Capacity	5	Quarts (with filter)
Spark Plug Gap	0.035	Inches
Tire Pressure (Front)	24	PSI
Tire Pressure (Rear)	28	PSI

Note: The table above provides illustrative examples. Refer to the manual for exact specifications for your specific model and component.

TROUBLESHOOTING

This section assists in diagnosing common issues by providing symptom-based troubleshooting charts and diagnostic procedures. It guides the user through a logical process to identify the root cause of a problem.

Example troubleshooting topics include:

- Engine starting problems
- Brake system malfunctions
- Steering system issues
- Electrical system failures
- Transmission shifting irregularities

MAINTENANCE SCHEDULE

The manual outlines recommended maintenance schedules to ensure the longevity and optimal performance of your 1966 Cadillac. Adhering to these schedules is vital for preventative care.

Typical maintenance items covered:

- Lubrication service (oil changes, grease points)
- Fluid level checks and replacement (transmission, brake, power steering, coolant)
- Filter replacement (oil, air, fuel)
- Ignition system inspection and adjustment

- Brake system inspection
- Tire rotation and inspection


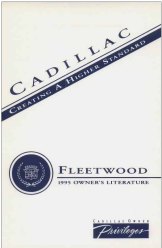


WIRING DIAGRAMS


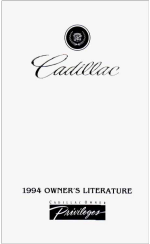
Detailed wiring diagrams are provided to assist in diagnosing and repairing electrical issues. These diagrams illustrate the complete electrical system, including component locations and wire routing. While some reproductions may have clarity issues, the original intent is to provide comprehensive electrical system information.

Note: As with any reproduction of historical documents, the clarity of some diagrams may vary. Users are advised to use these diagrams in conjunction with other diagnostic methods.

This manual is a reproduction of the original 1966 Cadillac Factory Repair Shop & Service Manual.
Published by General Motors Corp. © 1966

Related Documents - 1966 Cadillac (Calais, Sedan de Ville, Coupe de Ville, De Ville convertible, Fleetwood Sixty Special Sedan, Eldorado, Li

	<p>2002 Cadillac Eldorado Owner's Manual - Features, Safety, and Operation Guide</p> <p>Get the most out of your 2002 Cadillac Eldorado with this official owner's manual. Learn about vehicle features, controls, safety, and maintenance for optimal driving experience.</p>
	<p>1995 Cadillac Fleetwood Owner's Manual: Features, Operation, and Maintenance</p> <p>Comprehensive owner's manual for the 1995 Cadillac Fleetwood, covering vehicle features, controls, driving tips, maintenance, and troubleshooting. Learn about safety systems, comfort controls, and service information.</p>
	<p>2002-2006 Cadillac Escalade Coolant Replacement Guide iFixit</p> <p>Detailed guide for replacing the engine coolant in 2002-2006 Cadillac Escalade models. Learn the necessary tools, parts, and steps from iFixit.</p>
	<p>2003 Cadillac DeVille Owner's Manual</p> <p>This comprehensive owner's manual provides essential information for operating and maintaining your 2003 Cadillac DeVille. It covers vehicle features, safety guidelines, instrument panel functions, climate control, and more, ensuring a safe and informed driving experience.</p>

	<p>Cadillac 1954 Engine Mechanical Service Manual</p> <p>Comprehensive guide to 1954 Cadillac V-8 engine mechanics, covering disassembly, assembly, repair procedures, specifications, and troubleshooting for optimal performance and maintenance.</p>
	<p>1994 Cadillac Sedan DeVille Owner's Manual and Literature</p> <p>Explore the 1994 Cadillac Sedan DeVille with this comprehensive owner's manual. Learn about vehicle features, controls, safety, driving tips, and maintenance for your luxury automobile.</p>