

## Chilton Lumina APV, Silhouette, Trans Sport, Venture (1990-1999)

# Chilton Total Car Care Series Manual: GM Lumina APV, Silhouette, Trans Sport, and Venture (1990-1999)

Comprehensive Repair and Maintenance Instructions

## INTRODUCTION

This manual provides step-by-step automotive repair and maintenance procedures for various General Motors minivan models manufactured between 1990 and 1999. It covers U.S. and Canadian versions of the Chevrolet Lumina APV, Chevrolet Venture, Oldsmobile Silhouette, Pontiac Trans Sport, and Pontiac Montana APVs and Minivans. The content includes detailed specifications, exploded views, and photographs to assist in performing repairs and maintenance tasks. The objective of this manual is to empower vehicle owners and technicians with the necessary information to diagnose, maintain, and repair their vehicles effectively.

## USING THIS MANUAL FOR REPAIRS

This section outlines general guidelines for utilizing the repair manual effectively. Each procedure is designed to be followed sequentially, ensuring all necessary steps are completed for a successful repair or maintenance operation.

### Safety Precautions

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands before working underneath it.
- Disconnect the battery's negative terminal before performing electrical work.
- Allow engine components to cool before servicing to prevent burns.
- Work in a well-ventilated area, especially when dealing with fluids or fumes.

### Tool Requirements

Refer to the specific repair section for a list of specialized tools required. General hand tools such as wrenches, sockets, screwdrivers, and pliers are typically needed for most procedures.

### Vehicle Preparation

Before beginning any repair, ensure the vehicle is parked on a level surface, the parking brake is engaged, and the ignition is off. For certain procedures, disconnecting the battery may be necessary.

## MAINTENANCE PROCEDURES

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Regular maintenance is crucial for the longevity and optimal performance of your vehicle. This manual details various maintenance tasks, including:

- **Fluid Checks and Changes:** Engine oil, transmission fluid, coolant, brake fluid, power steering fluid.
- **Filter Replacement:** Air filter, oil filter, fuel filter, cabin air filter.
- **Brake System Service:** Inspection and replacement of pads, rotors, and fluid.
- **Tire Care:** Rotation, pressure checks, and inspection for wear.
- **Ignition System:** Spark plug inspection and replacement.
- **Belt and Hose Inspection:** Checking for wear, cracks, and proper tension.

# GENERAL MOTORS

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## LUMINA/SILHOUETTE/TRANSPORT/VENTURE 1990-99 REPAIR MANUAL

# CHILTON

Covers all U.S. and Canadian models of  
Chevrolet Lumina and Venture, Oldsmobile  
Silhouette, Pontiac Trans Sport and Montana  
APVs and Minivans



*The First Step In Repair*

INCLUDES  
WIRING AND VACUUM  
DIAGRAMS

Image: Front cover of the Chilton Total Car Care Series Manual for GM Lumina APV, Silhouette, Trans Sport, and Venture models (1990-1999). The cover displays a dark-colored minivan and highlights that the manual includes wiring and vacuum diagrams.

This section provides a systematic approach to diagnosing common vehicle problems. It includes symptom-based charts and diagnostic procedures to help identify the root cause of issues.

Common Issues Covered:

- Engine starting problems (cranking but no start, hard starting).
- Engine performance issues (misfires, rough idle, loss of power).
- Brake system malfunctions (squealing, grinding, soft pedal).
- Electrical system faults (lights not working, power windows issues).
- Heating and air conditioning system problems.
- Suspension and steering noise or handling concerns.

Each troubleshooting entry directs the user to the relevant repair section for detailed instructions on how to resolve the identified problem.

SPECIFICATIONS

This manual includes comprehensive specifications for the covered vehicle models, essential for accurate repairs and component selection. Key specifications include:

- Engine torque specifications.
- Fluid capacities and types.
- Electrical component resistance values.
- Wheel alignment settings.
- Dimensions and weights for various components.

For detailed specifications, refer to the specific chapters within the manual pertaining to the system or component being serviced.

General Product Information

Attribute	Value
Publisher	Cengage Learning
Publication Date	June 1, 2000
Edition	1st
Language	English
Print Length	352 pages
ISBN-10	0801991099
ISBN-13	978-0801991097
Item Weight	1.85 pounds
Dimensions	8.1 x 0.81 x 10.87 inches

SUPPORT AND ADDITIONAL RESOURCES

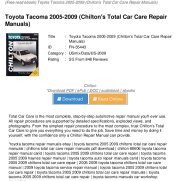

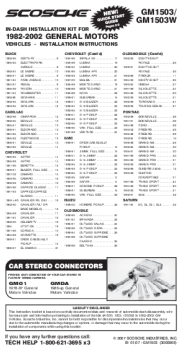
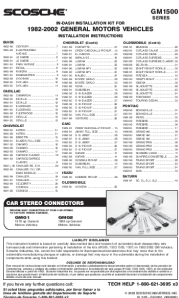
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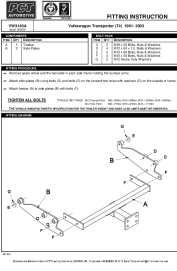
their customer support. This manual is designed as a comprehensive guide for vehicle repair and maintenance. While this manual provides extensive information, complex repairs may require professional assistance. Always prioritize safety and consult a certified mechanic if you are unsure about any procedure.



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Related Documents - Lumina APV, Silhouette, Trans Sport, Venture (1990-1999)

	<p><a href="#">Toyota Tacoma 2005-2009 Chilton Repair Manual - Total Car Care Guide</a></p> <p>Comprehensive Chilton's Total Car Care repair manual for Toyota Tacoma 2005-2009 models. Get detailed step-by-step procedures, specifications, and guidance to maintain and repair your vehicle.</p>
	<p><a href="#">Retro Sound Wiring Harness and Bracket Installation Guide</a></p> <p>Comprehensive guide for Retro Sound wiring harnesses and 264/269 bracket kits, detailing vehicle compatibility and installation procedures for car radios.</p>
	<p><a href="#">SCOSCHE GM1503/GM1503W In-Dash Installation Kit for 1982-2002 General Motors Vehicles</a></p> <p>Installation guide for SCOSCHE GM1503/GM1503W in-dash car stereo kits, covering radio removal and installation for 1982-2002 General Motors vehicles.</p>
	<p><a href="#">Scosche GM1500 Series In-Dash Installation Kit for 1982-2002 General Motors Vehicles - Installation Instructions</a></p> <p>Comprehensive installation guide for the Scosche GM1500 Series In-Dash Installation Kit, covering a wide range of 1982-2002 General Motors vehicles. Includes detailed radio removal procedures for Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, and Pontiac models, along with factory wire codes.</p>

	<p><a href="#">STOP - Important Notice: Clutch Master Cylinder Failure in GM 'C' and 'K' Pickups (1993-1988)</a></p> <p>Important notice regarding clutch master cylinder failure in 1993-1988 GM 'C' and 'K' pickup trucks. Discusses causes, symptoms, and maintenance recommendations, including lubrication of the grease zerks/fitting.</p>
	<p><a href="#">PCT Automotive VW3140A Towbar Fitting Instructions for Volkswagen Transporter T4 (1991-2003)</a></p> <p>This document provides fitting instructions for the PCT Automotive VW3140A towbar kit, compatible with Volkswagen Transporter T4 models from 1991 to 2003. It details the components, bolt pack contents, step-by-step installation procedures, and essential torque settings. Vehicle-specific trailer weight and nose load limits must be observed.</p>