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› 1986 GMC Safari & Chevrolet Astro Van Wiring Diagram Manual

General Motors GMC Safari, Chevrolet Astro Van

1986 GMC Safari & Chevrolet Astro Van Wiring Diagram Manual

Original Electrical System Reference Guide

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INTRODUCTION

This document provides the original wiring diagrams for the 1986 GMC Safari and Chevrolet Astro Van models. It serves as an essential reference for understanding the electrical systems of these vehicles, aiding in diagnosis, repair, and maintenance tasks. Familiarity with electrical circuits and automotive terminology is recommended for effective use of this manual.

PREPARATION FOR USE

Before utilizing the wiring diagrams, ensure you have a clean, well-lit workspace. Handle the document with care to preserve its condition. While this manual provides the diagrams, actual vehicle work will require appropriate tools such as a multimeter, test light, and safety equipment. Always disconnect the vehicle's battery before performing any electrical work to prevent injury or damage.

INTERPRETING WIRING DIAGRAMS

Understanding the symbols and layout is crucial for effective use of these diagrams. Each diagram illustrates specific circuits and components within the vehicle's electrical system.

- **Symbols:** Familiarize yourself with standard automotive electrical symbols representing components like switches, relays, fuses, motors, and sensors. A legend is typically provided within the diagram set.
- **Wire Identification:** Wires are often identified by color codes and sometimes by gauge or circuit number. Pay close attention to these identifiers to trace circuits accurately.
- **Circuit Paths:** Follow the lines representing wires to trace the flow of electricity from the power source, through components, and to ground. Arrows may indicate direction of current flow or signal.
- **Component Locations:** Diagrams may include references to component locations within the vehicle, or you may need to cross-reference with a service manual for physical placement.
- **Grounding Points:** Identify all grounding points, as a poor ground connection is a common cause of electrical

issues.

- **Power Distribution:** Understand how power is distributed from the battery, through fuses and relays, to various systems.

For complex systems, multiple diagrams may be linked or referenced. Always ensure you are consulting the correct diagram for the specific circuit you are working on.

DOCUMENT CARE AND STORAGE

To ensure the longevity and readability of this original wiring diagram, store it in a dry, cool place away from direct sunlight and excessive humidity. Avoid folding or creasing the pages unnecessarily. If the document becomes soiled, gently wipe with a clean, dry, soft cloth. Do not use liquid cleaners or abrasive materials, as these may damage the print or paper.

TROUBLESHOOTING AID

This wiring diagram is an invaluable tool for diagnosing electrical problems. When troubleshooting, use the diagrams to:

- **Isolate Faults:** Trace the circuit of a malfunctioning component to identify potential points of failure, such as open circuits, short circuits, or faulty components.
- **Verify Connections:** Confirm correct wiring paths and connections between components.
- **Test Voltages and Continuity:** Use the diagram to identify where to test for voltage, resistance, or continuity with a multimeter.
- **Understand System Logic:** Gain insight into how different electrical systems are designed to operate, which helps in identifying deviations from normal function.

Always cross-reference your findings with the diagram and perform tests systematically to pinpoint the root cause of an electrical issue.

PRODUCT SPECIFICATIONS

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