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- › [Ford](#) /
- › [2000 Ford Expedition Lincoln Navigator Electrical Wiring Diagram Manual](#)

Ford Expedition/Navigator

2000 Ford Expedition & Lincoln Navigator Electrical Wiring Diagram Manual

Official Service Information

INTRODUCTION

This manual provides comprehensive electrical wiring diagrams for the 2000 Ford Expedition and Lincoln Navigator vehicles. It is an essential resource for diagnosing, repairing, and maintaining the electrical systems of these models. The information contained herein is identical to the manuals utilized by authorized Ford and Lincoln service technicians.

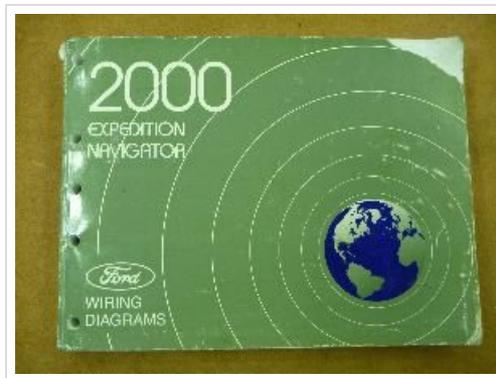


Image: Front cover of the official 2000 Ford Expedition and Lincoln Navigator Electrical Wiring Diagram Manual, showing the title and Ford branding.

MANUAL STRUCTURE AND CONTENT

The manual is organized to facilitate easy navigation and understanding of complex electrical circuits. It includes detailed diagrams for various systems, component locations, and connector pin-outs.

- **System Diagrams:** Individual diagrams for engine control, transmission, braking, lighting, climate control, audio, and other electrical systems.
- **Component Location:** Illustrations and descriptions of where electrical components are situated within the vehicle.
- **Connector Views:** Detailed views of electrical connectors, including pin numbers and wire colors.
- **Splice Locations:** Identification of wire splice points.

- **Ground Points:** Locations of various ground connections throughout the vehicle.

HOW TO USE THIS MANUAL (OPERATING)

To effectively use this wiring diagram manual, follow these guidelines:

1. **Identify the System:** Locate the section corresponding to the electrical system you are working on (e.g., starting system, power windows).
2. **Understand Symbols:** Familiarize yourself with the standard electrical symbols used throughout the diagrams. A legend is typically provided at the beginning of the manual.
3. **Trace Circuits:** Follow the wire paths from power sources through components to ground. Pay close attention to wire colors and numbers.
4. **Verify Connections:** Use the connector views to ensure correct pin identification when testing or repairing connections.
5. **Refer to Component Locations:** Use the component location diagrams to physically locate parts within the vehicle.

Always disconnect the vehicle's battery before performing any electrical work to prevent accidental short circuits or injury.

SAFETY PRECAUTIONS (SETUP & MAINTENANCE)

Working with automotive electrical systems requires caution. Adhere to the following safety measures:

- **Disconnect Power:** Always disconnect the negative battery terminal before working on electrical components.
- **Use Proper Tools:** Utilize insulated tools and appropriate diagnostic equipment.
- **Avoid Short Circuits:** Be careful not to bridge electrical terminals with tools or bare wires.
- **Wear Eye Protection:** Protect your eyes from sparks or debris.
- **Consult Professionals:** If unsure about any procedure, consult a qualified automotive technician.

TROUBLESHOOTING WITH DIAGRAMS

This manual is an invaluable tool for electrical troubleshooting. When diagnosing an issue:

1. **Identify Symptoms:** Understand the specific electrical malfunction.
2. **Locate Relevant Diagram:** Find the wiring diagram for the affected system.
3. **Check Power and Ground:** Verify that components are receiving proper voltage and have a good ground connection.
4. **Inspect Wiring:** Look for open circuits, short circuits, or damaged wires using the diagrams as a guide.
5. **Test Components:** Use a multimeter to test continuity, resistance, and voltage at various points in the circuit.

SPECIFICATIONS

Key details regarding this manual:

Attribute	Detail
Publisher	Ford
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SUPPORT AND ADDITIONAL RESOURCES

For further assistance or inquiries regarding your Ford Expedition or Lincoln Navigator, please refer to your vehicle's owner's manual or contact an authorized Ford service center. This wiring diagram manual is a technical reference and should be used in conjunction with proper diagnostic procedures and safety practices.

This manual is intended for informational and diagnostic purposes only. Ford Motor Company.