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Subjects Covered in This Manual

This 1993 Service Manual covers normal service repairs and maintenance for vehicles sold in the United States and Canada.

A separate publication, the 1993 Powertrain Control/Emissions Diagnosis Manual covers:

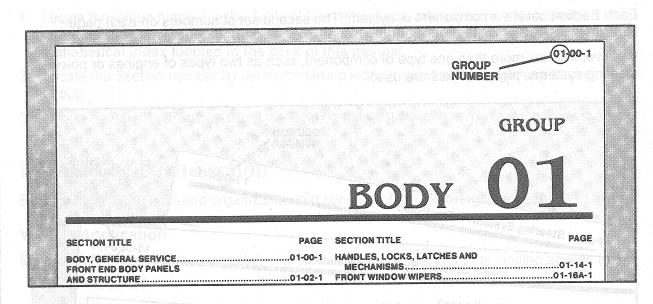
- Engine Controls and Diagnosis
 - Transmission/Transaxle Controls and Diagnosis
 - Emissions Diagnosis

How This Manual is Organized

This manual is organized by Group, Section, and Page.

Group

A Group covers a specific portion of the vehicle. The first set of numbers on each page indicate the Group.



NOTE: A Group usually contains more than one Section.

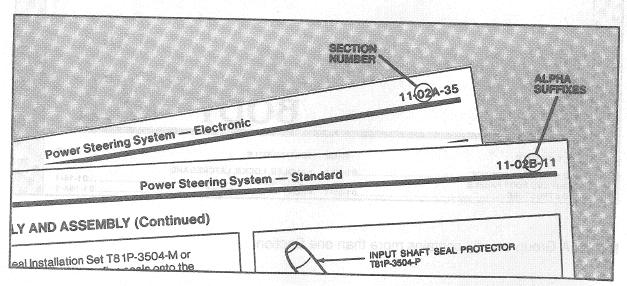
The eighteen Groups found in this manual are:

- This 1993 Service Menual covers normal service repairs and nybod +10
- 02 Frame and Mounting sharis and certain being and his selainey
- 03 Engine
- 04 Suspension
- 05 Driveline Painta love on Driveline Paintain Control Post ent notabilities A. seconds of the love of the love
- 06 Brake System
- 07 Transmission (rear-wheel drive) or Transaxle (front-wheel drive) 08 - Clutch System and boas alement obsame Peroleannens ?
- 09 Exhaust System
- 10 Fuel System
- 11 Steering System
- 12 Climate Control System 1100 10 21 150 115 M 210 T WOLL
- 13 Instrumentation and Warning Systems
- 14 Battery and Charging System a quorid yd basinsgro a Isunser aidT
- 15 Audio Systems
- 17 Lighting
- 18 Electrical Distribution A Group covers a specific borrow of the vehicle. The lifts set of numbers on each page

Section

Each Section covers a component or system. The second set of numbers on each page indicate the Section.

If the vehicle has more than one type of component, such as two types of engines or power steering systems, alpha suffixes are used.

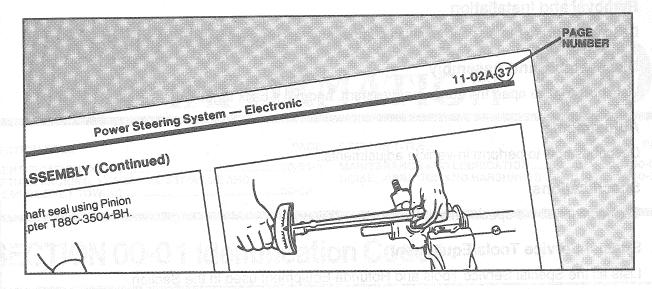


To assist in locating a subject, whenever feasible, Section titles have the subject first, followed by a descriptive word(s).

- Mirrors Rearview
- Mirrors Power

Page

The third set of numbers indicate the Page in each Section.



How to Find Material in This Manual

- 1. Locate the Group number in the Table of Contents. If you are not sure which Section contains the information you need, look up the component/system in the alphabetical index located in the back of this manual.
- 2. Locate the Section number by using the Group index located at the beginning of each Group.
- 3. Locate the specific Page by using the Section index at the beginning of each Section.

How to Use Each Section

Each Section has a standard organization that consists of the following information:

Vehicle Application

Identifies the product (vehicle, model, engine, transmission, etc.) that the section applies to:

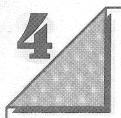
- Probe GT
- Aerostar and Ranger with integral carrier and 7.5 ring gear

Description and Operation

Describes how the component or system works.

Diagnosis and Testing

Identifies how to pinpoint problems.



Removal and Installation

Describes how to remove and reinstall components and systems.

Disassembly and Assembly

Lists how to take apart the component/system, and put it back together.

Adjustments

Describes how to perform in-vehicle adjustments.

Specifications

Summarizes all the specifications used in the Section.

Special Service Tools/Equipment

Lists all the Special Service Tools and Rotunda Equipment used in the Section.

Additional headings such as General Service Procedures and Cleaning and Inspection may be used.

What's New in This Manual at eld to losd out at betapol xebri bailederidis

You will notice that changes have been made to some of the standard terminology that was found in past Service Manuals. Changes in state or federal law have mandated terminology changes. Please refer to the J1930 Terminology List that is located in the back of this manual.

One additional feature found in this manual is the footer located at the bottom of each page. This footer denotes the vehicle model year, carline, and Service Manual print date. If a page is accidentally separated from the manual, the footer will help you determine its proper location.

What to Do if You Discover an Error

If you discover a questionable procedure or if you have any suggestions for improving this manual, please use one of the feedback forms provided in the front and back of this manual. Your feedback is very important to improving Ford technical publications. You will get a response to your concern. If necessary, a revision will be issued.

NOTE: The descriptions and specifications contained in this manual were in effect at the time this manual was approved for printing. Ford Motor Company reserves the right to discontinue models at any time, or change specifications or design without notice and without incurring any obligation.