## USING TOYOTA WIRING DIAGRAMS

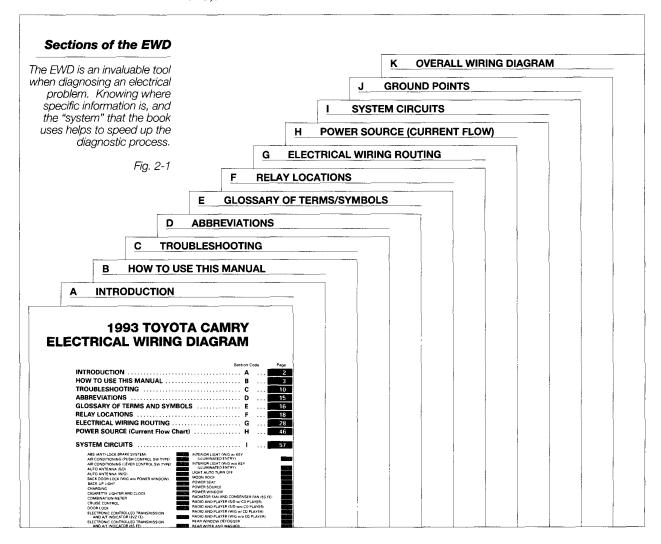
## **USING THE ELECTRICAL WIRING DIAGRAM**

One of the keys to a quick and successful electrical diagnosis is correctly using the **Toyota Electrical Wiring Diagram or EWD**. The EWD is not *just* a book of wiring diagrams, but an *information resource for anything electrical* on the vehicle. Everything from connector ID and location to what circuits share splice points is included in this manual.

Because there is so much information, it takes a little practice to learn where it is located, and what each of the EWD symbols and individual sections can tell you. We will take a detailed look at all of these features, and how to use them in diagnosing an electrical problem.

NOTE

As you follow your instructor's "tour" of the EWD Sections, it is recommended that you use the **actual EWD**, **instead of this technician handbook**. This way, you will be getting a "feel" for the actual tool that you have at your dealership. For a review of the EWD and its sections, view the Toyota Technical Training Video *Using the Electrical Wiring Diagram* (p/n 00401-42925).



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# of Contents

The Table With the large number of pages and sections in the EWD, the fastest way to find the wiring diagram or information you need is to use the Table of Contents.

> There are two table of contents that are available. One is on the title page of the book. This lists all of sections (A-K) and the also has an alphabetical list of all the System Circuit Diagrams located in Section I. These wiring diagrams are the "heart" of the EWD, and the place to start when diagnosing an electrical problem. There is also a listing of each System Circuit Diagram on the first page of Section I.

### **Table of Contents**

The table of contents is found on the title page of the EWD. A second table of contents for just the System Circuit Diagrams is found at the beginning of Section I.

Fig. 2-2

#### **1993 TOYOTA CAMRY** ELECTRICAL WIRING DIAGRAM Page Section Code INTRODUCTION ..... A 2 HOW TO USE THIS MANUAL ..... 3 TROUBLESHOOTING ..... ABBREVIATIONS ..... 15 GLOSSARY OF TERMS AND SYMBOLS ..... 16 RELAY LOCATIONS ..... 18 ELECTRICAL WIRING ROUTING ...... G 28 POWER SOURCE (Current Flow Chart) ..... 46 SYSTEM CIRCUITS ...... 1 ARS (ANTI-LOCK BRAKE SYSTEM) 199 INTERIOR LIGHT (W/G w/ KEY AIR CONDITIONING (PUSH CONTROL SW TYPE) . INTERIOR LIGHT (W/G w/o KEY ILLUMINATED ENTRY) AIR CONDITIONING (LEVER CONTROL SW TYPE) AUTO ANTENNA (S/D) LIGHT AUTO TURN OFF AUTO ANTENNA (W/G) MOON ROOF BACK DOOR LOCK (W/G w/o POWER WINDOW) ... BACK-UP LIGHT CHARGING POWER SEAT POWER SOURCE CIGARETTE LIGHTER AND CLOCK COMBINATION METER RADIO AND PLAYER (S/D w/ CD PLAYER) .... RADIO AND PLAYER (S/D w/o CD PLAYER) .... CRUISE CONTROL .... DOOR LOCK ELECTRONIC CONTROLLED TRANSMISSION AND A/T INDICATOR (3VZ-FE) RADIO AND PLAYER (W/G w/ CD PLAYER) RADIO AND PLAYER (W/G w/o CD PLAYER) REAR WINDOW DEFOGGER ELECTRONIC CONTROLLED TRANSMISSION AND A/T INDICATOR (5S-FE) ELECTIONS AND ATTINDICATOR (5S-FE) ELECTRICALLY CONTROLLED HYDRAULIC COOLING FAN (3VZ-FE) ENGINE CONTROL (3VZ-FE) ENGINE CONTROL (5S-FE) REAR WIPER AND WASHER REMOTE CONTROL MIRROR SHIFT LOCK SRS (SUPPLEMENTAL RESTRAINT SYSTEM) FRONT WIPER AND WASHER HEADLIGHT (FOR USA) STOP LIGHT (W/G) HEADLIGHT (FOR CANADA) . TAILLIGHT (S/D) TAILLIGHT (W/G) ILLUMINATION TURN SIGNAL AND HAZARD WARNING LIGHT (S/D) INTERIOR LIGHT (S/D w/ KEY ILLUMINATED ENTRY) .... TURN SIGNAL AND HAZARD WARNING LIGHT (W/G) UNLOCK AND SEAT BELT WARNING GROUND POINTS ..... J 238 OVERALL ELECTRICAL WIRING DIAGRAM ...... K © 1992 TOYOTA MOTOR CORPORATION All rights reserved. This book may not be reproduced or copied, in whole or in part without the written permission of Toyota Motor 1 Corporation