



# **1982 MITCHELL<sup>®</sup> ENGINE PERFORMANCE SERVICE & REPAIR**

*DOMESTIC LIGHT TRUCKS & VANS*

**TUNE-UP SPECIFICATIONS**  
Section T

**TUNE-UP**  
Section 1

**FUEL SYSTEMS**  
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**EXHAUST EMISSION SYSTEMS**  
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**DISTRIBUTORS & IGNITION SYSTEMS**  
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**LATEST CHANGES & CORRECTIONS**

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# INTRODUCTION

This is the 1982 Supplement of Mitchell's Domestic Light Truck Tune-Up/Emission Control Manual. In it you will find complete service information for Tune-Up, Fuel Systems, Emission Control and Distributors and Ignition Systems. This combination provides the most comprehensive and detailed information available on these subjects.

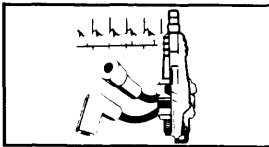
## Finding the Information

To find information for the vehicle on which you are working, simply turn to the contents page located at the beginning of the appropriate section. Here you will find alphabetical listings of vehicle manufacturers and models grouped according to subject. Just determine the proper page number, and turn to the corresponding article.

## Description

### TUNE-UP SPECIFICATIONS

#### Section T



In this section you will find all Tune-Up Specifications listed in chart form. This is for fast reference when you need Ignition or Fuel System Specifications.

### TUNE-UP

#### Section 1



The TUNE-UP section is divided alphabetically by manufacturer and then by engine size. Included in this section are Engine Identification, Tune-Up Procedures, Drive Belt Adjustments, Service Intervals and Refill Capacities.

### FUEL SYSTEMS

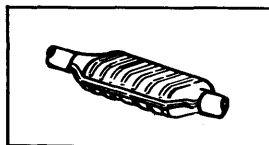
#### Section 2



The FUEL SYSTEMS section covers such vital points as Carburetors, Diesel Fuel Injection and Trouble Shooting. Complete Specification Tables and exploded views of carburetors are included. Step-by-step procedures, supported by concise and detailed illustrations, make any fuel system repair easier and faster.

### EMISSION CONTROL

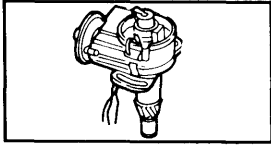
#### Section 3



Within the EMISSION CONTROL section you will find comprehensive information on all Emission Systems used on Domestic Light Trucks. This includes Computerized Engine Control Systems, Catalytic Converters, Thermostatic Air Cleaners, EGR Valves and Fuel Evaporation Systems. In addition, at the end of each model coverage you will find a complete Vacuum Diagram section.

# DISTRIBUTOR & IGNITION SYSTEMS

## Section 4



In the DISTRIBUTOR AND IGNITION SYSTEMS section you will find complete Distributor Applications and Specifications, Overhaul procedures and Ignition System information. Also included in each article is complete Trouble Shooting and Testing information.

## LATEST CHANGES & CORRECTIONS



This section contains manufacturers changes and corrections which were received too late to be included in the regular data pages. This information may also pertain to previous model light trucks which were covered in earlier editions of Mitchell's Domestic Light Truck Manual.

# 1982 Light Truck Model Identification

In this manual, Light Truck models will be referred to by the manufacturer's model and/or series designation. When a specific model does not have a designated model or series designation, it will be referred to by model name.

**NOTE:** When General Motors is referred to within this manual (rather than Chevrolet or GMC), the Chevrolet numerical vehicle series designations will be abbreviated for common reference to both Chevrolet and GMC models. The GMC counterpart models will be identified as follows: 10 = 1500 (except S15); 20 = 2500; 30 = 3500.

## CHEVROLET

### MODEL IDENTIFICATION

Model	Description
C10	<sup>1</sup> ½ Ton Conventional Cab 2-WD
C20	<sup>1</sup> ¾ Ton Conventional Cab 2-WD
C30	1 Ton Conventional Cab 2-WD
K10	<sup>1</sup> ½ Ton Conventional Cab 4-WD & Blazer
K20	<sup>1</sup> ¾ Ton Conventional Cab 4-WD
K30	1 Ton Conventional Cab 4-WD
G10	½ Ton Van
G20	¾ Ton Van
G30	<sup>2</sup> 1 Ton Van
P20	¾ Ton Parcel Delivery Van
P30 (42)	1 Ton Parcel Delivery Van
S10	½ Ton Conventional 2-WD

<sup>1</sup> — Includes Suburban models.

<sup>2</sup> — Includes Front Section and Hi-Cube models.

## DODGE

### MODEL IDENTIFICATION

Model	Description
D150	Heavy Duty ½ Ton Conventional Cab 2-WD
D250	¾ Ton Conventional Cab 2-WD
D350	1 Ton Conventional Cab 2-WD
W150	Heavy Duty ½ Ton Conventional Cab 4-WD
W250	½ Ton Conventional Cab 4-WD
W350	1 Ton Conventional Cab 4-WD
AD150	Ramcharger 2-WD
AW150	Ramcharger 4-WD
B150	½ Ton Van
B250	¾ Ton Van
B350	1 Ton Van
CB350	1 Ton Van (Kary Van)
CB450	1½ Ton Van (Kary Van)
MB250	¾ Ton Van (Front Section)
MB350	1 Ton Van (Front Section)
MB450	1½ Ton Van (Front Section)

## FORD

### MODEL IDENTIFICATION

Model	Description
Bronco	Family 4-WD Wagon
F100	½ Ton Conventional Cab 2-WD

## FORD (Cont.)

### MODEL IDENTIFICATION

Model	Description
F150	Heavy Duty ½ Ton Conventional Cab 2-WD & 4-WD
F250	¾ Ton Conventional Cab 2-WD & 4-WD
F350	1 Ton Conventional Cab 2-WD & 4-WD
E100	½ Ton Van
E150	Heavy Duty ½ Ton Van
E250	¾ Ton Van
E350	<sup>1</sup> 1 Ton Van

<sup>1</sup> — Includes Front Section and Parcel Delivery models.

## GMC

### MODEL IDENTIFICATION

Model	Description
C1500	<sup>1</sup> ½ Ton Conventional Cab 2-WD
C2500	<sup>1</sup> ¾ Ton Conventional Cab 2-WD
C3500	1 Ton Conventional Cab 2-WD
K1500	<sup>1</sup> ½ Ton Conventional Cab 4-WD & Jimmy
K2500	<sup>1</sup> ¾ Ton Conventional Cab 4-WD
K3500	1 Ton Conventional Cab 4-WD
G1500	½ Ton Van
G2500	¾ Ton Van
G3500	<sup>2</sup> 1 Ton Van
P2500	¾ Ton Parcel Delivery Van
P3500 (42)	1 Ton Parcel Delivery Van
S15	½ Ton Conventional Cab 2-WD

<sup>1</sup> — Includes Suburban models.

<sup>2</sup> — Includes Front Sections and Hi-Cube models.

## JEEP

### MODEL IDENTIFICATION

Model	Description
Cherokee	Cherokee 4-WD
CJ5	84" Wheelbase Utility Vehicle 4-WD
CJ7	94" Wheelbase Utility Vehicle 4-WD
J10	½ Ton Conventional Cab 4-WD
J20	¾ Ton Conventional Cab 4-WD
Scrambler	104" Wheelbase Utility Vehicle 4-WD
Wagoneer	Wagoneer 4-WD

## PLYMOUTH

### MODEL IDENTIFICATION

Model	Description
PB150	½ Ton Van
PB250	¾ Ton Van
PB350	1 Ton Van

# **GENERAL INDEX**

The first step in using these pages is to locate the listed components that you require information on. Go down the list under the specific component heading to the model or engine size of the vehicle you are working on. On the right-hand side of the column will appear the corresponding page number of the article, specification, or wiring diagram you require.

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