



1981 MITCHELL[®] ENGINE PERFORMANCE SERVICE & REPAIR

DOMESTIC LIGHT TRUCKS & VANS

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INTRODUCTION

This is the 1981 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.

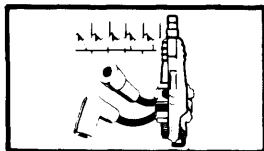
Finding the Information

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, Belt Adjustments, Filter and Cleaner Service Intervals and Refill Capacities.

FUEL SYSTEMS

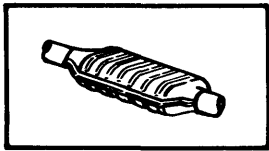
Section 2



The FUEL SYSTEMS section covers such vital points as Carburetors, Fuel Injection (both gasoline and diesel) 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

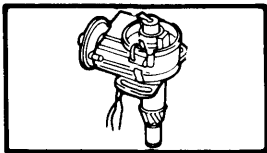
Section 3



Within the EMISSION CONTROL section you will find comprehensive information on all Emission Systems used on Domestic Light Trucks. This includes 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.

DISTRIBUTORS & 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. This includes standard ignition systems as well as electronic ignition systems.

LATEST CHANGES & CORRECTIONS



This section contains manufacturers changes and corrections which were received too late to be included among 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.

1981 Light Truck Model Identification

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

CHEVROLET

C10	.....	1/2 Ton Conventional Cab 2-WD ^①
C20	.....	3/4 Ton Conventional Cab 2-WD ^①
C30	.....	1 Ton Conventional Cab 2-WD
K10	.....	1/2 Ton Conventional Cab 4-WD & Blazer ^①
K20	.....	3/4 Ton Conventional Cab 4-WD ^①
K30	.....	1 Ton Conventional Cab 4-WD
G10	.....	1/2 Ton Van
G20	.....	3/4 Ton Van
G30	.....	1 Ton Van ^②
P10	.....	1/2 Ton Parcel Delivery Van
P20	.....	3/4 Ton Parcel Delivery Van
P30 (42)	.....	1 Ton Parcel Delivery Van

① — Includes Suburban Models.

② — Includes Front Section Models and Hi-Cube Models

GMC

C1500	.....	1/2 Ton Conventional Cab 2-WD ^①
C2500	.....	3/4 Ton Conventional Cab 2-WD ^①
C3500	.....	1 Ton Conventional Cab 2-WD
K1500	.....	1/2 Ton Conventional Cab 4-WD & Jimmy ^①
K2500	.....	3/4 Ton Conventional Cab 4-WD ^①
K3500	.....	1 Ton Conventional Cab 4-WD
G1500	.....	1/2 Ton Van
G2500	.....	3/4 Ton Van
G3500	.....	1 Ton Van ^②
P1500	.....	1/2 Ton Parcel Delivery Van
P2500	.....	3/4 Ton Parcel Delivery Van
P3500 (42)	.....	1 Ton Parcel Delivery Van

① — Includes Suburban Models.

② — Includes Front Section Models and Hi-Cube Models.

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

DODGE

D150	.....	Heavy Duty 1/2 Ton Conventional Cab 2-WD
D250	.....	3/4 Ton Conventional Cab 2-WD
D350	.....	1 Ton Conventional Cab 2-WD
D450	.....	Heavy Duty 1 Ton Conventional Cab 2-WD
W150	.....	Heavy Duty 1/2 Ton Conventional Cab 4-WD
W250	.....	1/2 Ton Conventional Cab 4-WD
W350	.....	1 Ton Conventional Cab 4-WD
W450	.....	Heavy Duty 1 Ton Conventional Cab 4-WD
AD150	.....	Ramcharger 2-WD
AW150	.....	Ramcharger 4-WD
B150	.....	1/2 Ton Van
B250	.....	3/4 Ton Van
B350	.....	1 Ton Van
CB350	.....	1 Ton Van (Kary Van)
CB450	.....	1 1/2 Ton Van (Kary Van)
MB250	.....	3/4 Ton Van (Front Section)
MB350	.....	1 Ton Van (Front Section)
MB450	.....	1 1/2 Ton Van (Front Section)

FORD

F100	.....	1/2 Ton Conventional Cab 2-WD
F150	.....	H.D. 1/2 Ton Conventional Cab 2 & 4-WD
F250	.....	3/4 Ton Conventional Cab 2 & 4-WD
F350	.....	1 Ton Conventional Cab 2 & 4-WD
Bronco	.....	Family 4-WD Wagon
E100	.....	1/2 Ton Van
E150	.....	Heavy Duty 1/2 Ton Van
E250	.....	3/4 Ton Van
E350	.....	1 Ton Van ^①

① — Includes Front Section Models and Parcel Delivery Models.

JEEP

J10	.....	1/2 Ton Conventional Cab 4-WD
J20	.....	3/4 Ton Conventional Cab 4-WD
CJ5	.....	84" Wheelbase Utility Vehicle 4-WD
CJ7	.....	94" Wheelbase Utility Vehicle 4-WD
Cherokee	.....	Cherokee 4-WD
Scrambler	.....	104" Wheelbase Utility Vehicle 4-WD
Wagoneer	.....	Wagoneer 4-WD

PLYMOUTH

PB150	.....	1/2 Ton Van
PB250	.....	3/4 Ton Van
PB350	.....	1 Ton Van
PD150	.....	Trailduster 2-WD
PW150	.....	Trailduster 4-WD