



ENGINE PERFORMANCE SERVICE & REPAIR

DOMESTIC LIGHT TRUCKS & VANS

1975-79 SUPPLEMENT

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INTRODUCTION

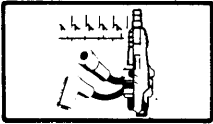
This is the 1975-79 Supplement to Mitchell's DOMESTIC LIGHT TRUCKS & VANS ENGINE PERFORMANCE SERVICE & REPAIR manual. In it you will find complete service information for Tune-Up, Fuel Systems, Exhaust Emission Systems, and Distributors & Ignition Systems. This combination provides the most comprehensive 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 OF SECTIONS

TUNE-UP SPECIFICATIONS



In this section you will find all Tune-Up specifications listed in chart form. This section can be used for fast reference of Ignition or Fuel system specifications.

TUNE-UP PROCEDURES



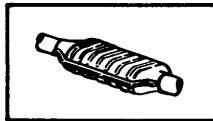
The TUNE-UP PROCEDURES section is divided alphabetically by manufacturer and then by engine size. Included in this section are Engine Identification, Engine Compression specifications, Valve Clearance specifications, as well as Tune-Up procedures.

FUEL SYSTEMS



The FUEL SYSTEMS section covers such vital points as Carburetors, Gasoline and Diesel Fuel Injection systems, Liquid Petroleum Gas (LPG) Systems, and trouble shooting. Complete specification tables and exploded views of carburetors are included. Step-by-step procedures, supported by concise and detailed illustrations, will help you make any fuel system repair.

EXHAUST EMISSION SYSTEMS



Within the EXHAUST EMISSION SYSTEMS section you will find comprehensive information on all exhaust emission systems used on domestic light trucks and vans. This includes Catalytic Converters, Thermostatic Air Cleaners, EGR Systems, and Fuel Evaporation Systems. In addition, at the end of each model coverage you will find a complete Vacuum Diagram section.

DISTRIBUTORS & IGNITION SYSTEMS



In this section you will find Distributor Applications, Distributor Advance Specifications, Overhaul procedures, and Ignition System information. Coverage includes Electronic (Breakerless) Ignition Systems.

LATEST CHANGES & CORRECTIONS



This section supplements the material contained in this manual. Each entry gives important service-related data which can help you save hours of labor. Some items cover past or multiple years. You may want to make notes on the appropriate pages of your manual next to the articles to which this information refers.

1975-79 MODEL IDENTIFICATION

All Manufacturers

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 model name. 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.

CHEVROLET

MODEL IDENTIFICATION

Series	Model
C10	¹ 2WD 1/2 Ton Conventional Cab
C20	¹ 2WD 3/4 Ton Conventional Cab
C30	2WD 1 Ton Conventional Cab
K10	¹ 4WD 1/2 Ton Conventional Cab & Blazer
K20	¹ 4WD 3/4 Ton Conventional Cab
K30	4WD 1 Ton Conventional Cab
G10	1/2 Ton Van
G20	3/4 Ton Van
G30	² 1 Ton Van
P10	1/2 Ton Parcel Delivery Van
P20	3/4 Ton Parcel Delivery Van
P30 (42)	1 Ton Parcel Delivery Van
P30 (32)	1 Ton Motor Home Chasis (MHC)

¹ - Includes Suburban models.

² - Includes Front Section models and Hi-Cube models.

GMC

MODEL IDENTIFICATION

Series	Model
C1500	¹ 2WD 1/2 Ton Conventional Cab
C2500	¹ 2WD 3/4 Ton Conventional Cab
C3500	2WD 1 Ton Conventional Cab
K1500	¹ 4WD 1/2 Ton Conventional Cab & Jimmy
K2500	¹ 4WD 3/4 Ton Conventional Cab
K3500	4WD 1 Ton Conventional Cab
G1500	1/2 Ton Van
G2500	3/4 Ton Van
G3500	² 1 Ton Van
P1500	1/2 Ton Parcel Delivery Van
P2500	3/4 Ton Parcel Delivery Van
P3500 (42)	1 Ton Parcel Delivery Van
P3500 (32)	1 Ton Motor Home Chasis (MHC)

¹ - Includes Suburban models.

² - Includes Front Section models and Hi-Cube models.

DODGE

MODEL IDENTIFICATION

Designation	Model
D100	2WD 1/2 Ton Conventional Cab
D150	2WD Heavy Duty 1/2 Ton Conventional Cab
D200	2WD 3/4 Ton Conventional Cab
D300	2WD 1 Ton Conventional Cab
D400	2WD Heavy Duty 1 Ton Conventional Cab
W100	4WD 1/2 Ton Conventional Cab
W150	4WD Heavy Duty 1/2 Ton Conventional Cab
W200	4WD 1/2 Ton Conventional Cab
W300	4WD 1 Ton Conventional Cab
W400	4WD Heavy Duty 1 Ton Conventional Cab
AD100	2WD Ramcharger
AW100	4WD Ramcharger
B100	1/2 Ton Van
B200	3/4 Ton Van
B300	1 Ton Van
CB300	1 Ton Kary Van (Front Section)
CB400	1 1/2 Ton Kary Van (Front Section)
MB300	1 Ton Front Section Van
MB400	1 1/2 Ton Front Section Van
M300	1 Ton Motor Home Chassis (MHC)
M400	1 1/2 Ton Motor Home Chassis (MHC)
M500	2 Ton Motor Home Chassis (MHC)
M600	2 1/2 Ton Motor Home Chassis (MHC)

FORD

MODEL IDENTIFICATION

Series	Model
F100	2WD 1/2 Ton Conventional Cab
F150	2 & 4WD Heavy Duty 1/2 Ton Conventional Cab
F250	2 & 4WD 3/4 Ton Conventional Cab
F350	2 & 4WD 1 Ton Conventional Cab
U150	Bronco
E100	1/2 Ton Van
E150	Heavy Duty 1/2 Ton Van
E250	3/4 Ton Van
E350	1 Ton Van
M450	1 1/2 Ton Motor Home Chassis
M500	2 Ton Motor Home Chassis

¹ - Includes Front Section and Parcel Delivery models.

INTERNATIONAL HARVERTER (IHC)

MODEL IDENTIFICATION

Designation	Model
150	2 & 4WD 1/2 Ton Conventional Cab & Travelall
200	2 & 4WD 3/4 Ton Conventional Cab & Travelall
Scout II	2 & 4WD Scout II
Scout Terra	2 & 4WD Terra
Scout Traveler	2 & 4WD Traveler
MS1210	3/4 Ton Forward Control Chassis
1310MHC	1 Ton Motor Home Chassis
1510MHC	1 1/2 Ton Motor Home Chassis

JEEP

MODEL IDENTIFICATION

Designation	Model
J10	4WD 1/2 Ton Conventional Cab
J20	4WD 3/4 Ton Conventional Cab
CJ5	84" Wheelbase 4WD Utility Vehicle
CJ7	94" Wheelbase 4WD Utility Vehicle
Cherokee	4WD Cherokee
Wagoneer	4WD Wagoneer

PLYMOUTH

MODEL IDENTIFICATION

Designation	Model
PB100	1/2 Ton Van
PB200	3/4 Ton Van
PB300	1 Ton Van
PD100	2WD Trailduster
PW100	4WD Trailduster