

SUPPLEMENT 1 of 2

1966-74 MITCHELL[®] ENGINE PERFORMANCE SERVICE & REPAIR

DOMESTIC CARS

ENGINE IDENTIFICATION

TUNE-UP SPECIFICATIONS

TUNE-UP PROCEDURES

COMPUTERIZED ENGINE CONTROLS

FUEL SYSTEMS

EXHAUST EMISSION SYSTEMS

DISTRIBUTORS & IGNITION SYSTEMS

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INTRODUCTION

This is the 1966-74 Supplement of Mitchell Manuals' Domestic Car Emission Control Manual. The first book of the supplement contains these sections: Engine Identification, Tune-Up Specifications, Emission Applications, Crankcase Ventilation, Exhaust Emission, Fuel Evaporation and Distributor Specifications. The second book of the supplement contains Carburetor information for 1966-74 domestic cars.

Finding the Information

Use the contents pages to find the article you need. These pages are located both at the front of this book (following the introduction), and the front of each section. Locate the article you need, then turn to the correct section and page.

Description

ENGINE IDENTIFICATION

Section 1

This section provides engine identity codes. It helps you determine size, year and application for any passenger car engine. Compression ratios and other information are given where possible.

TUNE-UP SPECIFICATIONS

Section 2

The charts in this section list all engines by model year and manufacturer. They provide ignition, spark plug and carburetor specifications. Helpful notes explain special procedures or equipment.

EMISSION CONTROL APPLICATIONS

Section 3

This section enables you to determine the emission equipment originally provided on each engine. The tables are arranged by year, manufacturer and engine size.

CRANKCASE VENTILATION

Section 4

The articles in this section describe both "Open" and "Closed" crankcase ventilation systems. They also include PCV service procedures and intervals. Hose connections are shown so you can replace missing parts.

EXHAUST EMISSION SYSTEMS

Section 5

These articles describe engine modifications that help reduce emissions. Procedures are given for ignition timing and idle adjustments. Vacuum diagrams are included for vehicles with vacuum-operated emission systems.

FUEL EVAPORATION

Section 6

Special systems are used to prevent fuel vapors from escaping from the fuel tank and carburetor. This section explains each system and how to service it.

DISTRIBUTOR SPECIFICATIONS

Section 6a

These pages offer a complete listing of distributors. Arranged by manufacturer, these tables give distributor numbers, applications and specifications.

1966-74 Supplement

EMISSION CONTROL

SERVICE & REPAIR

MANUAL

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