

**JOSEPH HEITNER**

# **AUTOMOTIVE MECHANICS**

**PRINCIPLES  
AND PRACTICES**

SECOND EDITION

**EAST-WEST PRESS**

# Automotive Mechanics

Principles and Practices

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AN EAST-WEST EDITION

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*about this book*

In a simple and practical manner, *Automotive Mechanics: Principles and Practices* provides the beginner with an understanding of the construction and operating principles of the automobile, and offers sound methods for maintenance, diagnosis, and repair. Five hundred illustrations, including schematic drawings and labeled photographs, augment this book.

As in the earlier edition, the book is organized into eight units, each dealing with a complete division of the automobile. This Second Edition has been completely updated. A few of the important additions, not found in the earlier edition, include a new chapter on "Torque Converter Transmissions" and new sections dealing with engine lubricating systems, alternator-type generators, and three-speed hydro-matic transmissions. In addition, many new trouble-shooting charts have been added to facilitate diagnosis and repair.

If you drive an automobile—and especially if you have little knowledge of its mechanics—*Automotive Mechanics: Principles and Practices* is one book you shouldn't be without.

*Illustrated with 500 line drawings and photographs.*