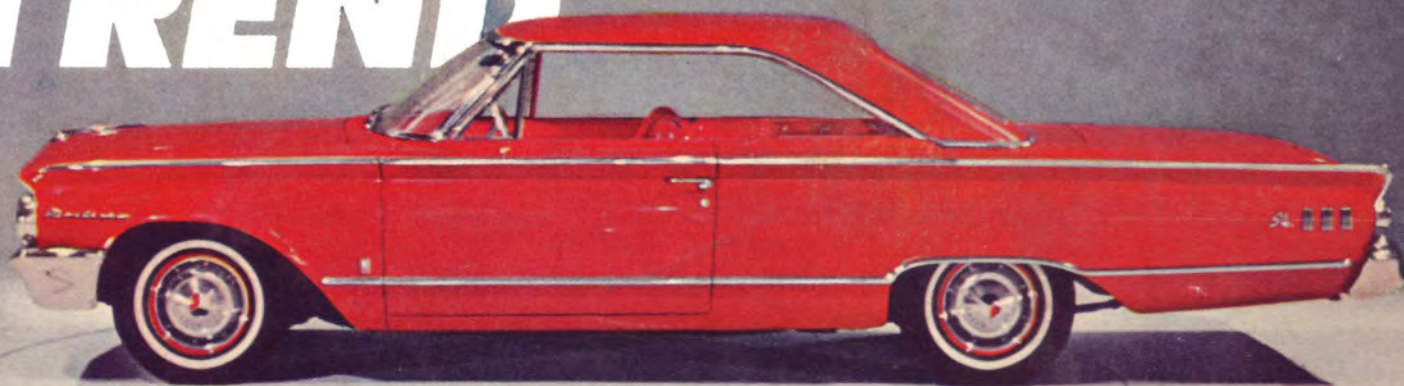


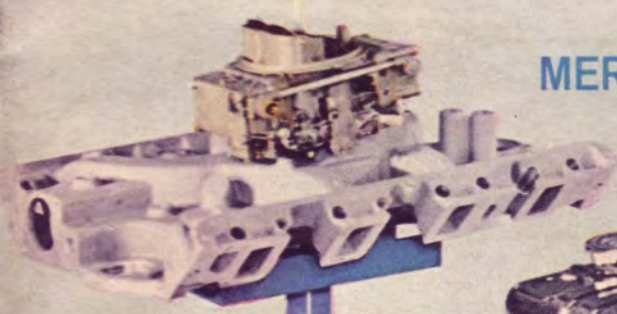
HOW STOCK IS STOCK? – 1963 NASCAR Modification and Safety Rules

IND MOTOR TREND

MARCH 1963 50c IN CANADA 60c



MERCURY GOES RACING



**FORD'S SECRET
RACING V-8?**

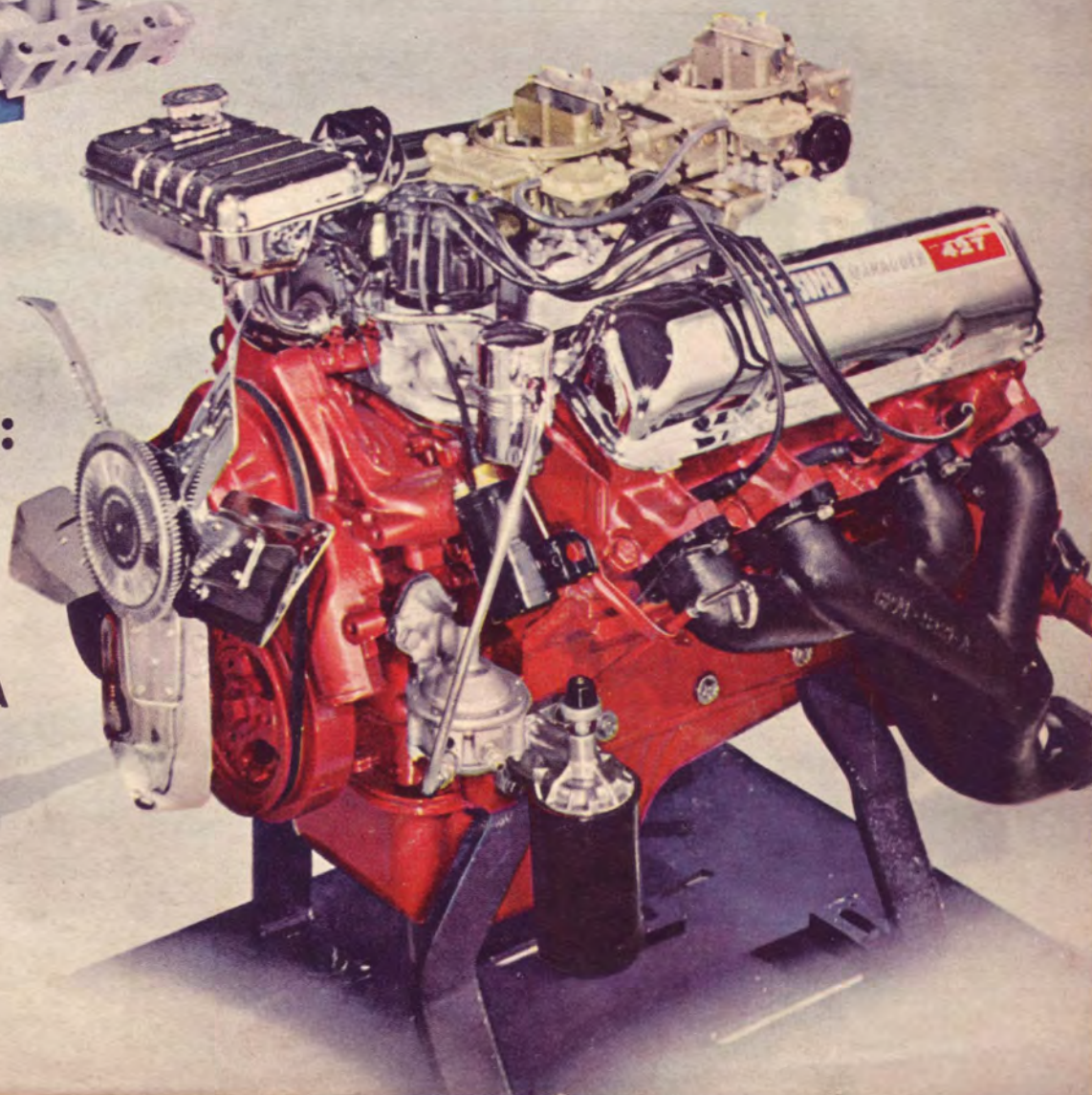
ROAD TESTS:

JEEP Becomes
a Gentleman

PONTIAC'S '421'
Family Car

CHEVROLET IMPALA

MERCURY
Notchback Sedan



Motor Trend



RACING PREVIEWS—Pages 26, 28, 40, 52, 60, 64, 66



MEN... Get that Job OPERATING HEAVY EQUIPMENT



Thousands of additional men will be needed to operate the Heavy Construction Equipment that will be used to build the new Roads, Bridges, Dams, Industrial Parks, Subdivisions, Irrigation Systems, Pipe Lines, Missile Sites, Shopping Centers, Home Sites, Airfields in a rapidly growing America!

Complete practical training on OUR modern machines, at OUR California, Florida or Texas Resident Training Centers, gives you the background you need to get that job you want as a HEAVY EQUIPMENT OPERATOR with the help of our NATIONALLY RECOGNIZED PLACEMENT SERVICE.

LEARN TO OPERATE

- BULLDOZERS
- SCRAPERS
- GRADERS
- BACK HOES
- POWER SHOVELS
- CLAM SHELLS
- DRAG LINES

CONTRACTORS

Write to our Placement Department for information about our trained operators, Men who spend their own money and time to learn to operate and maintain equipment, make your best operators.

MAIL THIS COUPON FOR COMPLETE INFORMATION

ASSOCIATED HEAVY EQUIPMENT SCHOOLS, INC.
38-638 LITTLE RIVER STATION, MIAMI, FLORIDA.

Please send full details immediately on your program of training for operators of Heavy Equipment.

Name _____ Age _____
 Street _____
 City _____ County _____ State _____
 Phone Number _____ Time Usually Home _____

EDITORIAL STAFF

EDITOR
Charles E. Nerpel

MANAGING EDITOR
Michael Lamm

TECHNICAL EDITOR
Jim Wright

ASSISTANT TECH. ED.
Bob McVay

ART EDITOR
George Wallace

ASS'T. MANAGING ED.
Ruth M. Yamazaki

CHIEF PHOTOGRAPHER
Bob D'Olivo

PUBLISHING STAFF

PUBLISHER
R. E. Petersen

EDITORIAL DIRECTOR
Wally Parks

ART DIRECTOR
Albert H. Isaacs

CIRCULATION MANAGER
Herb Metcalf

ADVERTISING STAFF

ADVERTISING DIRECTOR
Ken Hudnall

MANAGER
Mayfield Marshall, Jr.

PRODUCTION MANAGER
Jack Preston

PRODUCTION
Harry Foster



Mercury hits the stock car circuit this year with its new fastback roof line. For the complete story, see page 60 of this issue.

Motor Trend, U.S. copyright 1963 by Petersen Publishing Co., 5959 Hollywood Blvd., Los Angeles 28. Phone HOLlywood 6-2111. Second-class postage paid at Los Angeles, California, and at additional mailing offices. Published monthly.
Subscription Rate: \$5.00 per year; 2 years \$9.00. Above rates for U.S. and its possessions; all other countries: one year — \$6.00; 2 years — \$11.00. Single copy 50c. Canada, 60c.
Change of Address. Six weeks' notice is required. When requesting a change, please name magazine and either furnish an address imprint from a recent issue,

or state exactly how label is addressed. Change cannot be made without the old as well as new address.
Advertising: Los Angeles Office — 5959 Hollywood Blvd., Los Angeles 28. **Detroit office** — 3337 Book Bldg., Detroit 26. Phone WOODward 3-8245. **Chicago office** — 360 N. Michigan Ave., Chicago 1. Phone FRanklin 2-6067. **Cleveland office** — 1405 E. 6th St., Room 312, Cleveland 14. Phone MAIn 1-2006. **Eastern office** — 770 Lexington Ave., New York 21. Phone Plaza 1-5260.
 Printed in U.S.A. by W. F. Hall Printing Co., Chicago, Member Audit Bureau of Circulation.

MERCURY ROAD TEST

The Monterey notchback sedan **20**

HOW STOCK IS "STOCK"?

'63 racing rules from NASCAR **26**

CARS TO WATCH IN '63

More makes enter this year **28**

JEEP BECOMES A GENTLEMAN

Willys' new wagon with 4WD **34**

DAYTONA SPEEDWAY

Bill France's dream come true **40**

PONTIAC 421 H.O.

High-performance luxury car test **44**

FALCON CHALLENGER

Preview of the '63 1/2 Sprint **50**

PIT STOP PICTORIAL

Photos catch the torrid action **52**

CHEVROLET ROAD TEST

Two Impalas from the mid-range **54**

MERC GOES RACING

Bill Stroppe will be heard from **60**

FORD'S SECRET RACING V-8?

A twin-cammer for Indianapolis? **64**

PROFILES IN RACING

The men who'll win this year **66**

GAS MILEAGE ENGINEERING

What are auto makers up against? **72**

RARE CAR COLLECTION

1909 Rambler in full color **76**

MERCEDES-KNIGHT

Strange bedfellows: their story **78**

DEPARTMENTS

Editor's Auto-Graphs . . .	6	European Report	74
Letters	8	Classic Comments	82
Spotlight on Detroit . . .	14	Car Clinic	92
New Products	16	Inside the Industry	94