

SEPTEMBER 1963

**50 CENTS** 

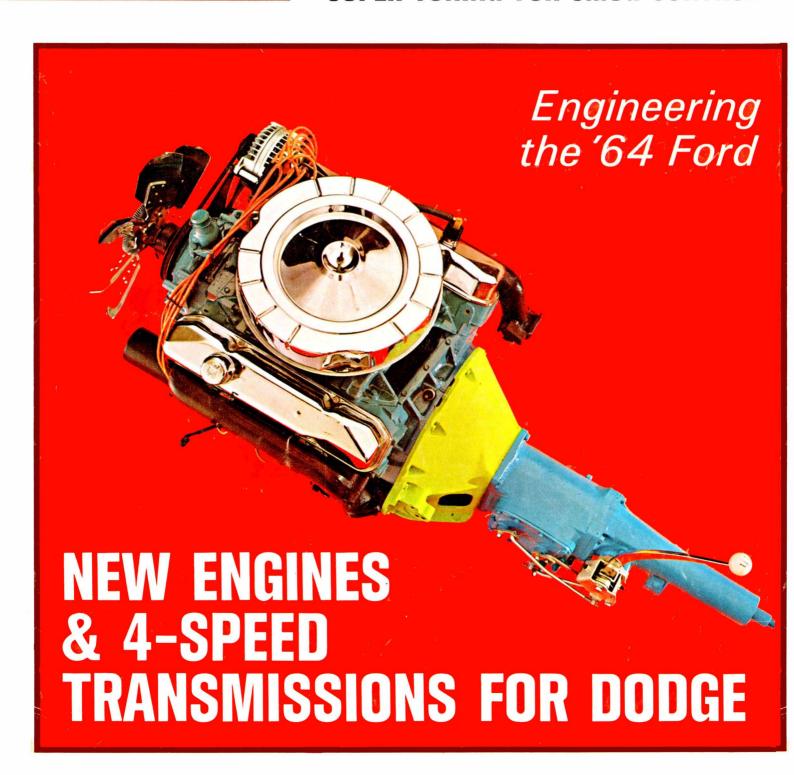
### LONG LUBE PERIODS

Are they safe for your car?

## **EMPI-modified CORVAIR**

FORD CORTINA: Modern Model A

SUPER TUNING FOR SMOG CONTROL



# **CAR LIFE**

#### September 1963

#### CONTENTS

Volume 10. Number 8

#### ROAD TESTS

1963 Dodge Dart Smogburner 18 some surprising findings

EMPI-EQUIPPED CORVAIR 34 all dressed up and . . .

FORD CORTINA 48 basic transportation package from England

Dodge Motor Home 61 how to take a shower at 60 mph

#### **FEATURES**

CHRYSLER ENGINEERING FOR '64 10 new engines and a 4-speed

Monza SS 16 high fashion for Corvair

Engineering the '64 Fords 22 a pair of new 'Birds

Interpreting Car Life's Road Tests 30 applying results to your own car

GLOSSARY OF ROAD TEST TERMS 33 definitions and descriptions

MODERN MODEL A 46 the English Ford models

INDIANAPOLIS ANALYSIS 52 the day the dinosaurs died

NIGHT LIGHTS 74 bright ideas on a much neglected subject

REMEMBER THE AIRFLOW? 72 the "radical" DeSoto of the Thirties

#### TECHNICAL

Long Lube Periods 65 are they safe for your car? Technical Correspondence 69 maintenance and repair

#### CLASSIC

1931 MODEL A FORD 40 technical description and driving impressions

#### **DEPARTMENTS**

LETTERS 2 voice of the people

**O**UTLOOK **8** tomorrow's headline makers

MOTOR CITY MEMO 39 revolution in chassis frames, grille design

Autos Abroad 60 1963 Grand Prix racing cars

New & Used 77 classified advertisements

WINDOW SHOPPING 78 new ideas from auto suppliers

REARVIEW MIRROR 80 the French Airflow?

#### COVER

THE NEW DODGE POWER-PACK: 425-CU. IN. "STREET" ENGINE AND 4-SPEED TRANSMISSION

#### EDITORIAL DIRECTOR: JOHN R. BOND

Editor: Dennis Shattuck. Managing Editor: Dave Black. Associate Editor: Gene Booth.
Editorial Associate: Jean Krumpe. Editorial Assistants: Patricia Davenport, Barbara Wine.
Art Director: Hal Crippen. Art Associates: Bill Motta, Barbara Boyter, Ramona Bolhous.
Contributors: James T. Crow, Roger Huntington, Martin Allan Jackson, Gordon H. Jennings,

Marvin Lyons, Bill Neale, Robert H. Selbrede, Robert Tronolone

Business Manager: Elaine Bond Circulation Manager: Ray Powers



Advertising Director: Ben LaMaster, 366 Madison Avenue, New York 17, N.Y.

Eastern Advertising Manager: C. E. Weed Western Advertising Manager: Richard Bartkus

Midwest Advertising Manager: Frank Willard Advertising Assistant: Shirley Meyers

CAR LIFE is published monthly by Bond Publishing Company, 834 Production Place, Newport Beach, California. Second class postage paid at Newport Beach, California, and at additional mailing offices. Copyright 1963 by Bond Publishing Company.

SUBSCRIPTIONS. U.S., possessions, and Canada: \$5 one year, \$9 two years and \$12 three years. Single copy 50 cents. All other countries: \$6 one year, \$11 two years, \$15 three years. Foreign countries and Canada: remit by money order or

draft on a bank in the U.S., payable in U.S. funds.

ADVERTISING. See SRDS. Main office: 834 Production Place, Newport Beach, California; telephone MIdway 6-3981. Eastern advertising office: 366 Madison Avenue, New York 17, N. Y.; telephone YUkon 6-1735. Midwest advertising office: 1775 Penobscot Bldg.. Detroit 26, Mich.; telephone WOodward 3-1775.

CHANGE OF ADDRESS. Three weeks notice is required for a change of address. Please furnish

both old and new addresses, with an address imprint from a recenf issue, Send to:

CAR LIFE, 834 Production Place, Newport Beach, California.

EDITORIAL CONTRIBUTIONS are welcomed by CAR LIFE but cannot be considered unless guaranteed exclusive. Photographs should be released for publication by source. Not responsible for return of unsolicited manuscripts, photos or drawings unless accompanied by a self-addressed stamped envelope.