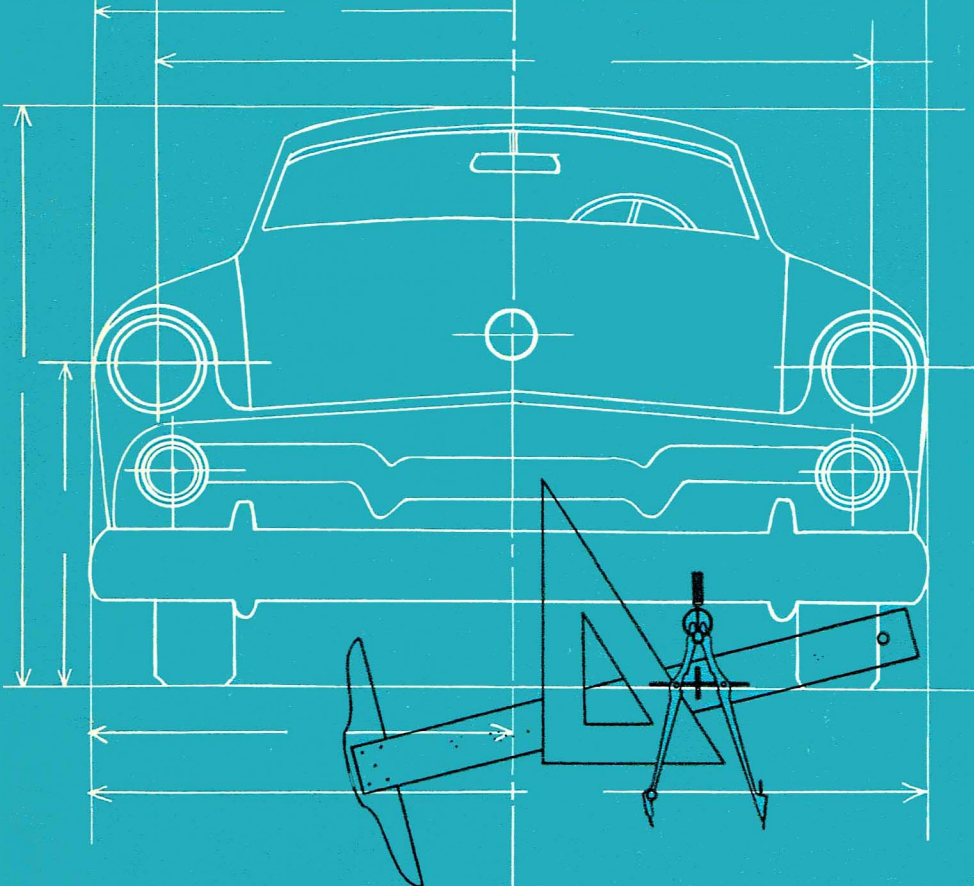


# MOTOR *Life*

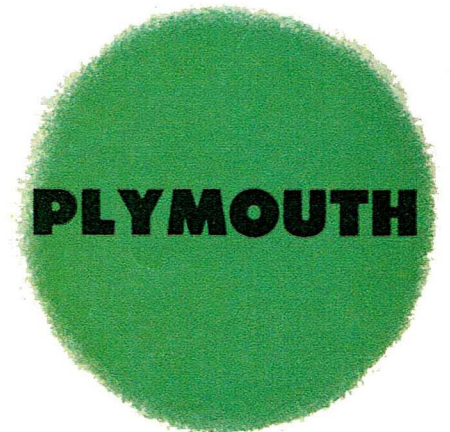


THE MAGAZINE OF AMERICAN MOTORING

## 1955 ROAD TESTS



### FIRST REPORT!



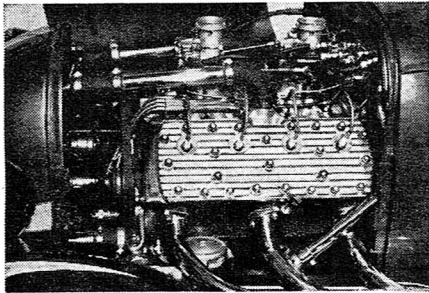
### BRAKES ON THE MODERN CAR •

Roger Huntington



**IF YOU "EAT, SLEEP  
AND LIVE" CARS...**

## **TURN YOUR HOBBY INTO A CAREER!**



### **Get America's Big-time, Big-future AUTO MECHANICS & DIESEL COURSE at home in your spare time!**

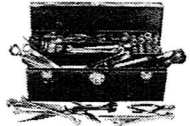
Los Angeles' *National Schools*, America's automotive Technical Trade School since 1905, now brings its famous resident Shops and Faculty direct to you at home — to prepare you to earn more money, with job security, in today's fast-moving, opportunity-filled Auto Mechanics Industry!

Get *your* home training from the "Car Capital of The World"—America's most auto-minded city, center of Hot Rod and Sports Car activity! Mail coupon right now!



### **HERE'S THE GOOD WORD ON OUR "SHOP-METHOD" HOME TRAINING!**

**YOU MASTER ALL PHASES, INCLUDING DIESEL!** Every step fully explained. You pace yourself. All lessons fully illustrated. Latest equipment covered. Send for free Sample Lesson!



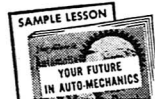
**THIS SET OF LIFETIME TOOLS—YOURS FREE** plus all-metal tool box, mechanical drawing set and other equipment. All part of your course, yours to keep.

**EARN WHILE YOU LEARN!** You can start Spare Time Earnings soon after enrollment. Many students pay for their training and more this way. **OUR GRADUATE DEPARTMENT** always at your service, both as student and graduate, helps you with personal and technical problems.

**ATTENTION MEN OF DRAFT AGE.** Many students have achieved higher rating, prestige, and higher pay as a result of this training. Mail coupon at once.

**APPROVED FOR G. I. TRAINING**

Both Home Study & Resident Courses Offered



**Send for FREE FACT-BOOK  
AND SAMPLE LESSON!**  
NOW! 2 offices to serve you faster!  
Mail coupon today to one nearest you!

## **NATIONAL SCHOOLS**

Technical Trade Training Since 1905

LOS ANGELES 37, California

CHICAGO: 323 West Polk Street

IN CANADA: 811 West Hastings Street, Vancouver, B. C.

### **MAIL NOW TO OFFICE NEAREST YOU!**

(mail in envelope or paste on postal card)

**NATIONAL SCHOOLS, Dept. DY-124**

4000 S. FIGUEROA STREET      323 WEST POLK STREET  
LOS ANGELES 37, CALIF.      CHICAGO 7, ILLINOIS

Send **FREE** Auto-Mechanics Book and Sample Lesson. No obligation, no salesman will call.

NAME \_\_\_\_\_ BIRTHDAY \_\_\_\_\_ 19\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ ZONE \_\_\_\_\_ STATE \_\_\_\_\_

Check if interested **ONLY** in Resident Training at Los Angeles.

**VETERANS:** Give date of discharge \_\_\_\_\_

# **MOTOR Life**

Vol. 4, No. 5

December, 1954

## **CONTENTS**

### **TEST REPORT**

1955 FORD FAIRLANE . . . . .	MOTOR <i>Life</i> Test Staff	<b>12</b>
1955 CHEVROLET 210 SEDAN . . . . .	MOTOR <i>Life</i> Test Staff	<b>20</b>
1955 PLYMOUTH BELVEDERE . . . . .	MOTOR <i>Life</i> Test Staff	<b>28</b>

### **FEATURES**

POWER TO STOP . . . . .	Roger Huntington, SAE	<b>16</b>
CHEVROLET'S NEW V-8 ENGINE . . . . .	Roger Huntington, SAE	<b>24</b>
WINTER TARGET: COOLING SYSTEMS . . . . .	Michael Stevens	<b>26</b>
DUALS IN DETROIT . . . . .	Rollin Mack	<b>32</b>
SOUTH BEND'S SECRET SPEEDSTER . . . . .		<b>36</b>
YOUR CAR'S WEAKEST LINK MAY BE THE CARBURETOR	Robert Lee Behme	<b>38</b>
CUSTOM CAPRI, ACT III . . . . .	Spence	<b>40</b>
CHRISTMAS GIFTS FOR THE MOTORIST . . . . .		<b>42</b>
\$5.95 CUSTOM . . . . .	Lee Edwards	<b>48</b>

### **SPORT REPORT**

WATKINS GLEN GRAND PRIX . . . . .	Staff Report	<b>50</b>
PIKES PEAK HILL CLIMB . . . . .	Griff Borgeson	<b>52</b>
SANTA BARBARA ROAD RACE . . . . .	Staff Report	<b>55</b>

### **DEPARTMENTS**

CORRESPONDENCE . . . . .		<b>6</b>
TECHNICAL TIPS . . . . .	Barney Navarro	<b>8</b>
DATELINE: DETROIT . . . . .		<b>10</b>
PHOTO-LIFE . . . . .		<b>46</b>
CAR QUIZ . . . . .		<b>64</b>
EDITORIAL . . . . .		<b>66</b>

### **COVER**

*If you received or bought your copy of MOTOR Life early this month, you probably noticed that MOTOR Life had a complete road test on at least two of the cars in this issue—on the very day the factories announced them. This was no coincidence. MOTOR Life researchers, photographers and test crews have been hard at work on this issue for the past three months. We feel, and we know you'll agree, that their efforts to get this material into print while it's still news—actually, ahead of the news in some cases—is definitely worth cover mention.*

W. S. Quinn.....	Publisher
Ivan T. Galanoy.....	Editor
Robert Lee Behme.....	Managing Editor
Ray Rich.....	Art Director
Barney Navarro.....	Technical Advisor
Roger Huntington, SAE .....	Detroit Correspondent
Marvin Patchen.....	Advertising Manager

MOTOR *Life* Magazine is published monthly by Quinn Publications, Inc., 4949 Hollywood Blvd., Hollywood 27, California. Phone Normandy 3-8008. Entered as second class matter at the Post Office at Los Angeles, California, under the act of March 3, 1897. Copyright 1954 by Quinn Publications, Inc. Reprinting in whole or part forbidden except by permission of the publishers. SUBSCRIPTION price \$3.00 per year U.S.A. and Canada; Foreign \$4.00. Single copy 25c. Change of address must show both old and new addresses. ADVERTISING: Advertising Offices, 4949 Hollywood Blvd., Hollywood 27, California. MANUSCRIPTS: Must be accompanied by sufficient return postage. Not responsible for unsolicited submissions.