

AMERICA'S HOTTEST HOP UP - INDIANAPOLIS STUDEBAKER V-8

# HOP UP

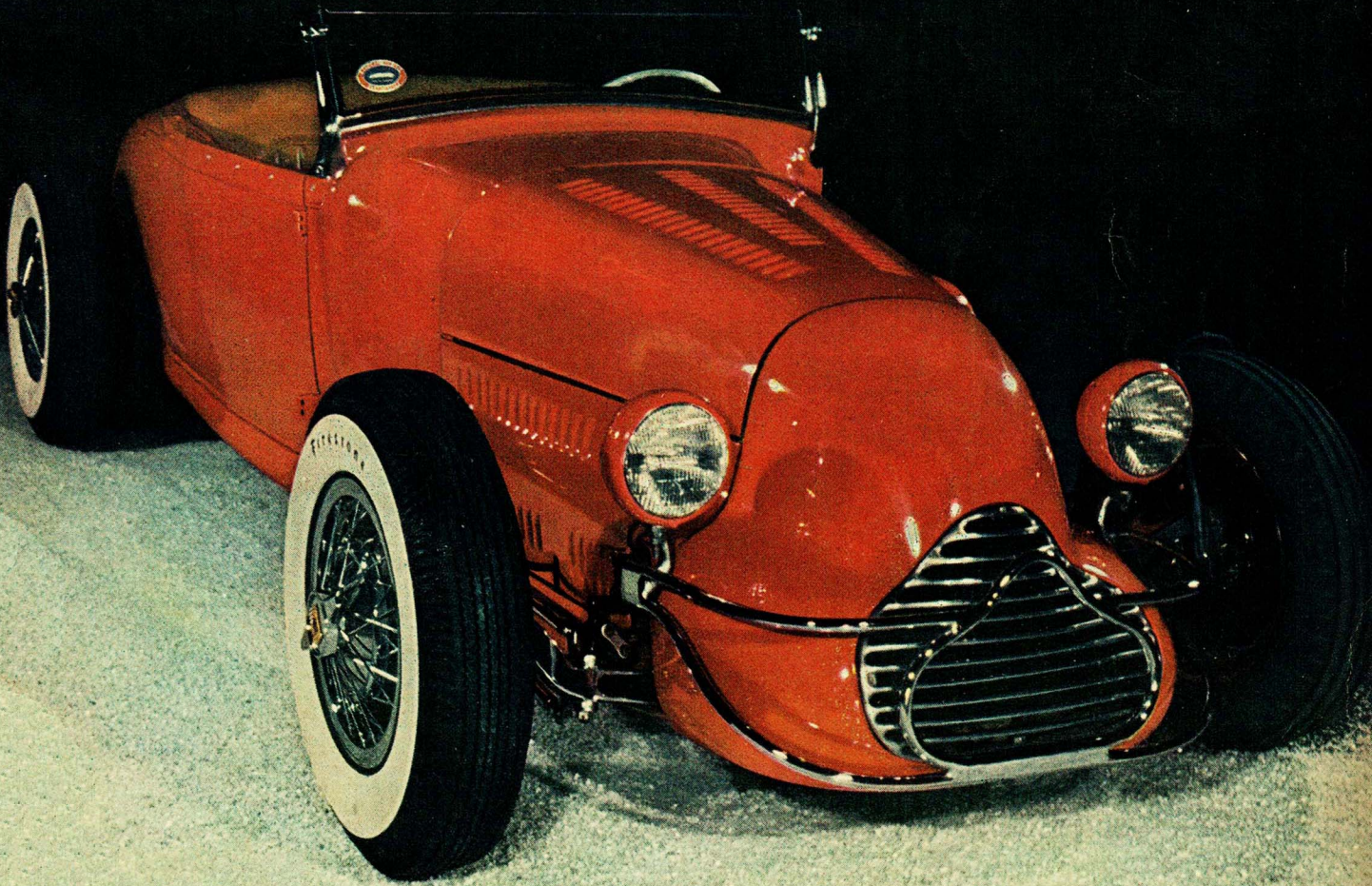
AND MOTOR LIFE  
*magazine*

JUNE 1953



25 CENTS

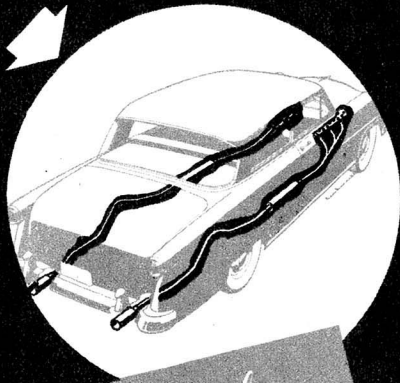
16  
MORE PAGES  
THIS ISSUE



• DETAILS OF ONE OF AMERICA'S MOST BEAUTIFUL ROADSTERS

# HERE'S REAL POWER STEP-UP

...PLUS A SMOOTHER  
RUNNING ENGINE!



*Belond*  
**EQUA-FLOW**  
EXHAUST SYSTEM

## AMERICA'S MOST POPULAR SINGLE IMPROVEMENT FOR V-8 CARS

What a difference—before and after you install the Belond EQUA-FLOW Exhaust System on your own automobile! Superior in design, construction and effectiveness, the Belond EQUA-FLOW Exhaust System raises the all-around performance of your V-8 to a new high. Thanks to its greater operating efficiency, and the elimination of harmful back pressure, you'll find your engine giving a higher top speed, faster acceleration, increased gasoline mileage. Also, few motor tune-ups; practically no servicing. Join the many thousands who get greater driving pleasure with Belond EQUA-FLOW Exhaust System. See your Belond dealer today. Trade inquiries welcomed.

### AVAILABLE FOR:

1935-52 Ford V-8 or Mercury  
1949-52 Oldsmobile 88, Super 88 and 98  
1952 Oldsmobile Super 88 and 98 with power steering  
1949-51 Lincoln V-8 (small Lincoln only)  
1952 Lincoln Cosmopolitan and Capri  
1950-51 Cadillac V-8 (Hydramatic only)  
1951-52 Studebaker V-8  
1951-52 Chrysler V-8, New Yorker and Saratoga

\* T. M. Reg.



Copyright 1953

*Southern California*  
**MUFFLER CO.**

11039-49 Washington Blvd., Culver City 7 Calif.

# HOP UP

Vol. 2, No. 11

JUNE, 1953

• Publisher	W. S. Quinn
• Editor	Dean Batchelor
• Managing Editor	Louis Kimzey
• Associate Editor	Robert Johnson
• Advertising Mgr.	Jack Caldwell
• Photographer	Ralph Poole
• Technical Writers	Barney Navarro George Hill Calif. Bill

## contents

Cover Roadster	10
Owned by Dick Flint is one of the best.	
America's Hottest Hop Up	12
Overhead cam Studebaker V-8 for Indianapolis.	
Preparing for Indianapolis	18
Some of the production engined jobs that will run.	
Foreignized Olds	22
Large American car has continental look.	
What You Should Know About Wheel Alignment, Part 2	24
Second installment of this informative article.	
Auto Glass — Why and How	28
Auto glass installation explained.	
Practical Restyling	32
Henning and Ritch have worked over a '40 Merc.	
For Chevy Owners Only	33
Chevy tech tip sent in by a reader.	
Show Winner	34
Dick William's car voted most beautiful in America.	
Converted Convertible	37
Ford convertible by Gil's Auto Body.	
Keep it Cool	40
Barney Navarro discusses radiators and cooling.	
The Chrysler-line V-8 ohv Engines	46
Reworking the Chrysler, Dodge and De Soto engines.	
Repair Fiberglass at Home	51
What to do after your fiberglass car is built.	
Studebaker Road Test	54
Hopped Up V-8 owned by a housewife.	



The cover car this month is the very fine '29 modified roadster, owned by Dick Flint, which is described on pages 11-12. The photo was taken by Gene Trindl on 4 x 5 Ektachrome and in case you're one of the people who think all there is to taking a cover shot is to aim the camera and click the shutter, this is how he did it. Three separate exposures were used. Six flash bulbs were shot off during the main exposure, then a second exposure with just the headlights on, and a third shot to light up the interior. The whole sequence took approximately two and one half hours to complete.

HOP UP and Motor Life is published monthly by Quinn Publications, 530 West Colorado Blvd., Glendale 4, California. Phone Chapman 5-4942. Entered as second class matter at the Post Office at Glendale, California, under the act of March 3, 1897. Copyright 1952-53 by Quinn Publications. Reprinting in whole or part forbidden except by permission of the publishers.

SUBSCRIPTION price \$3.00 per year throughout the world. Single copy 25 cents. Change of address must show both old and new addresses.

ADVERTISING: Advertising manager — Jack Caldwell, 530 W. Colorado Blvd., Glendale 4, California. MIDWEST ADVERTISING: Prendergast & Minahan, 168 North Michigan Avenue, Chicago 1, Illinois. UNITED KINGDOM: Kenneth Kirkman, 2 Longcroft Ave., Banstead, Surrey, England. AUSTRALIA: William J. Palomer, 211 Moorefields Road, Lakemba, Sydney, N.S.W., Australia.

HOP UP, June, 1953