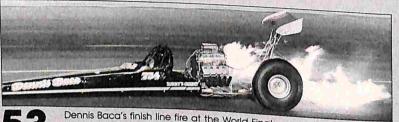
Car Craft January 1982 Volume 30 Number 1



Exclusive! Editor claims greater strength than Jack Roush-built mini-Hemi Ford. Roush wins, editor loses! No surprise there, right? Here's step-by-step guidance to building a "killer" Escort engine from the acknowledged master of the art.



When he first saw the new '82 Z/28, Rick Voegelin was so overcome with emotion he fell to his knees and immediately offered up a prayer of thanks to his personal Mecca—the GM Flech Center in Warren, Michigan. And well he might, for this all-new Camaro is without a doubt the raciest appearing mass produced machine ever



Dennis Baca's finish line fire at the World Finals was just one of many Unfortunately for Baca, the untimely engine failure kept him from making the field, which eventually produced the quickest elapsed time ever And we've got the complete story on all the champions.

### features

16 The 1982 Camaro General Motors' all-new "road rocket"

23 Tech Tips A gaggle of goodles of a technical nature concerning street machines and the home automotive workshop. Phewl

30 Street Machines of the Stars "240 Gordie" Bonin's dream Chevelle

32 Silver Slipper
A home-built Oldsmobile of the first rank

35 Tunnel Ram Induction Systems 36 Setups for the Street 42 Single Quad Tunnel Rams for Racing

46 Black & White Vettes
Actually, they're in color, and are they gorgeous!

# 48 How to Build a Street Machine Rebuilding the trusty 12-boilt rearend

53 NHRA World Finals
Record-setting times at the OCIR season finale

61 New York's Finest The stunning Custom Body Enterprises Funny Car

**64** Pale Fire A strong-running Malibu streeter

70 One Step Beyond
Certainly not beyond reality with this Z/29 Camaro

72 Escort Service

Jack Roush builds a mini-Hemi Ford for the CC loonles

74 Rat Quick A closer look at our cover car

## departments

4 Point of View

6 Straight Scoop

**40** Backfire

12 Tech Talk

**14** Hi-Risers

79 New Products

**82** Performance Directory

88 Calendar

90 Etc.

## staff

HARRY HIBLER Publisher JON ASHER Editor PAT RYALL Managing Editor J.R. MARTINEZ Art Director JOHN BAECHTEL, S.A.E. Senior Editor JEFF SMITH Technical Editor RICK VOEGELIN Contributing Editor

NORMAN MAYERSOHN Associate Editor KAREN STABINS Associate Art Director **DAVID ELLIS** Feature Writer LONIE MYSIOR Administrative Assistant **DEBBIE FEDER** Editorial Assistant LINDA McGUIRE Ad Services Coordinator

DICK DAY Senior V.P., Hot Rod Publications Division

CAR CRAFT (ISSN 0008-6010),

CAR CRAFT (ISSN 0008-4010).\*

Copyright 1981 by PETERSEN PUBLISHING COMPANY. All rights reserved. Published monthly by Petersen Publishing Company, 8490 Sunset Blvd., Los Angeles, CA 90069. Subscription inquiries phone (213) 657-5100. Second Class and Possessions one year \$11.94, two years \$19.94; all other countriés \$17.94 per year.

