

**PETERSEN PUBLISHING CO.**

**R. E. PETERSEN**  
Chairman of the Board  
**F. R. WAINGROW**  
President  
**ROBERT E. BROWN**  
Senior V.P.  
**DICK DAY**  
Senior V.P.  
**ROBERT MACLEOD**  
Group V.P.  
**THOMAS J. SIATOS**  
Group V.P.  
**PHILIP E. TRIMBACH**  
V.P., Finance  
**WILLIAM PORTER**  
V.P., Director, Circulation  
**JAMES J. KRENEK**  
V.P., Manufacturing  
**JACK THOMPSON**  
Assistant Director, Circulation  
**NIGEL P. HEATON**  
Director, Circulation Marketing  
**LOUIS ABBOTT**  
Director, Production  
**ARTHUR ZARIN**  
Director, Research  
**AL ISAACS**  
Director, Graphics  
**BOB D'OLIVO**  
Director, Photography  
**DAVID HOLZGANG**  
Director, Ad Administration  
**MARIA COI**  
Manager, Data Processing Services

**SALES OFFICES**  
**ATLANTA**  
Dale Neff, Branch Manager  
615 Peachtree Street, N.E.  
Suite 414, Atlanta, Georgia 30308  
(404) 576-0781  
**BOSTON**  
Dave Crosby, Branch Manager  
Prudential Tower, Suite 4850  
Prudential Center, Boston, Mass. 0211  
(617) 262-7400  
**CHICAGO**  
Frank Fittano  
Richard Holcomb, Branch Manager  
John Hancock Center  
875 N. Michigan Avenue  
Suite 3131, Chicago, Illinois 60611  
(312) 222-1920  
**CLEVELAND**  
Dale VanHouten  
Dewey F. Patterson, Branch Manager  
Bond Court Building  
Suite 1001, 1300 E. 9th Street  
Cleveland, Ohio 44114  
(216) 686-7900

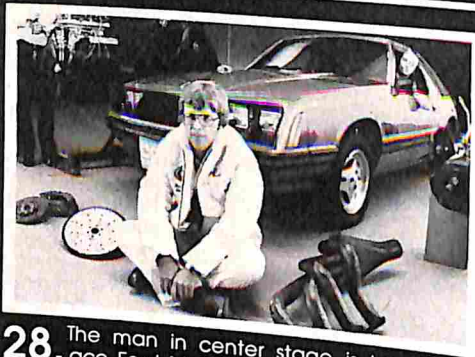
**DALLAS**  
Jeff Young, Branch Manager  
800 W. Airport Fwy.  
Suite 301  
Irving, TX 75061  
(214) 253-1157  
**DETROIT**  
Steve Flemion  
Edward McLaughlin, Branch Manager  
333 West Fort Street Building  
Suite 1800, Detroit, Michigan 48226  
(313) 924-6680  
**LOS ANGELES**  
Harry Hibler/Advertising Manager  
Randy Steffe, Greg Long  
8490 Sunset Blvd., L. A., Ca. 90069  
(213) 657-5100  
**NEW YORK**  
Stu Arnold  
437 Madison Avenue, New York, N.Y. 10022  
(212) 935-9150

**PETERSEN ACTION GROUP**  
Richard E. Vincent, Eastern  
Advertising Director, New York  
Richard Holcomb, Midwestern  
Director, Chicago  
Brent Sweet,  
Western Director, Los Angeles  
Edward McLaughlin, Detroit  
Jeff Young, Dallas  
Dewey F. Patterson, Cleveland  
Dave Crosby, Boston

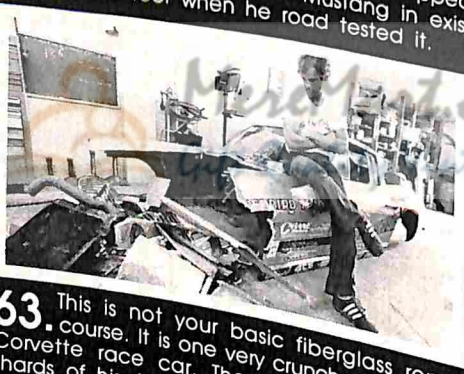
**CAR CRAFT** © Copyright 1978 by  
PETERSEN PUBLISHING COMPANY.  
All rights reserved. Published monthly  
by Petersen Publishing Company, 8490  
Sunset Blvd., Los Angeles, Calif. 90069.  
Subscription inquiries phone (213)  
657-5100. Second class postage paid at  
Los Angeles, Calif., and at additional  
mailing offices. U.S. and Possessions  
one year \$10.95, two years \$19.00, all  
other countries one year \$13.95, two  
years \$25.

**CONTRIBUTIONS:** Should be mailed to  
8490 Sunset Blvd., Los Angeles, Calif.  
90069. They must be accompanied by  
return postage and we assume no re-  
sponsibility for loss or damage thereto.  
Any material accepted is subject to  
such revision as is necessary in our  
sole discretion to meet the requirements  
of this publication. Upon acceptance,  
payment will be made at our current  
rate, which covers the author's and/or  
contributor's right, title and interest in and  
limited to photos, drawings, charts, and  
designs, which shall be considered as  
or material shall constitute an express  
warranty by the contributor that the mate-  
rial is original and in no way an infringe-  
ment upon the rights of others.

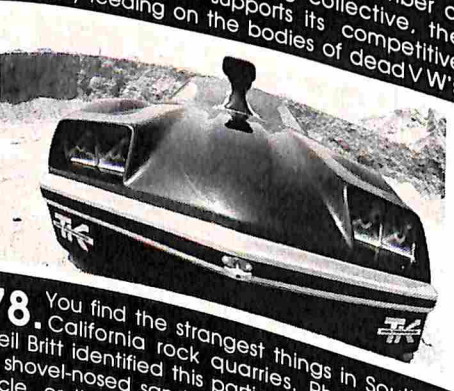
**CHANGE OF ADDRESS:** Six weeks no-  
tice is required to change a subscri-  
ber's address. Please give both old and  
new address and label. Send to P.O.  
Box 3291, Los Angeles, Calif. 90028.  
**POSTMASTER:** Please send form 3579  
to Car Craft, P.O. Box 3291, Los An-  
geles, Calif. 90028.



**28.** The man in center stage is Larry Weis, ace Ford Motor Co. PR man, seen here assuming the Lotus position. No, strike that; it's Mario Andretti who's driving Lotuses these days. Anyway, Larry is paid vast sums of money to lie to, plead with and cajole the automotive press. But in the case of Ford's new Mustang, Larry's unique talents were unneeded. We tremendous possibilities; with the car has Motown studio and Jack Roush graciously a viding all the race car accouterments, staffer Neil Britt easily put together this month's pic- tory. To show his gratitude, Neil even stopped short of putting the only '79 Mustang in exis- tence on its roof when he road tested it.



**63.** This is not your basic fiberglass repair course. It is one very crunched, very fast shards of his 140-mph race. The man surveying the victim of a miscreant brake linkage at last year's Fallnationals. But Warter doesn't have to face such mishaps alone. He is a member of an amazing Corvette racing collective, the Joint Venture, which supports its competitive habits by feeding on the bodies of dead VW's



**78.** You find the strangest things in Southern Neil Britt identified this particular item as either a shovel-nosed sandpiper, a NASA re-entry ve- hicle, or the world's sleekest gravel truck. The truth combines all the above elements, for the object in question is Jay Payne's Econo Al- tered. Payne is a veteran Super Stock racer who's adapted to life under Super Stock rules. He still recalls the good old days. In fact, some- times before the first round of elimination, you'll find him slamming the doors on the cab just to experience the joys of eliminating

## FEATURES

- 26 ALL-STAR TEAM UPDATE**  
The votes are in
- 28 FORD'S TURBO MUSTANG**  
Driving impressions and tech analysis
- 34 HIGHWAY HI-FI**  
Rock and roll on the run
- 42 FLAMED PINTO FREAK**  
Gettin' down in flames
- 44 NHRA SPORTSNATIONALS**  
The little guys have their day
- 48 MOPAR ENGINE SWAPS**  
Bigger motors for better B-bodies
- 53 SECOND GENERATION CLUTCHLESS**  
Life, Liberty and the pursuit of lower e.t.'s
- 56 TRUE GRIT FUNNY CAR**  
Shir! Greer grins and bears it
- 59 CORVETTE QUARTET**  
Individualism in fiberglass
- 63 CORVETTE COLLECTIVE**  
How to support a racing habit
- 66 FINE LINES: '70-'78 CAMAROS**  
A latter-day classic
- 75 BASIC BLUEPRINTING SERIES**  
How to compute compression ratios
- 78 EIGHT-SECOND SUPER STOCKER**  
Heart of a SS/DA underneath a fiberglass skin
- 80 NHRA SPRINGNATIONALS**  
Columbus hosts the rites of spring
- 84 STREET MACHINE NATIONALS**  
What you see is what the winner will get
- 87 CARB TECH SERIES**  
A peek inside the Holley 4360

## DEPARTMENTS / STAFF

- 4 POINT OF VIEW**
- 8 STRAIGHT SCOOP**
- 11 HI RISERS**
- 12 TECH TALK**
- 20 RAPPING OFF**
- 92 TWO WHEELING**
- 108 PERF. DIRECT**
- 110 ETC.**

**STEVEN M. GREEN** Group Publisher  
**RICK VOEGELIN** Editor  
**MIKE TIGHE** Managing Editor  
**CHARLIE HAYWARD** Art Director  
**JON ASHER** Competition Editor  
**AL KIRSCHENBAUM** Feature Editor  
**JOHN BAECHEL** Technical Editor  
**NEIL BRITT** Associate Editor  
**MIKE AUSTIN** Assistant Editor  
**PAM KOONTZ** Assistant Art Director  
**LYNN MAUGHS** Events Managing Editor  
**DONNA CRAMER** Secretary to the Publisher

**DICK DAY**

STREET FREAKS TO PRO STOCKS:

# CAMARO SUPERCARS!

\$1.25 SEPTEMBER 1978 In Canada \$1.50

# CAR

CAR  
CRAFT

# CRAFT

THE COMPLETE PERFORMANCE MAGAZINE

CORVETTE SHOWCASE

CARB TECH: HOLLEY 4bb

MORE MOPAR  
ENGINE SWAPS



FORD'S TERRIFIC  
'79 TURBO-MUSTANG

# THE SOUND REVOLUTION: CAR STEREO SYSTEMS



V-8  
PINTO

