

## STEREO EXPLOSION

CC sounds off with the latest in car audio tech and equipment \_\_\_\_\_ 19

### SUPERSONIC TRANSPORT \_\_\_\_\_ 20

A late-model Camaro that breaks the sound barrier

### LOUD AND CLEAR \_\_\_\_\_ 24

How to upgrade your factory stereo without breaking your budget

### TOPLESS TUNES \_\_\_\_\_ 30

We outfit our sweepstakes 'Stang with a Jensen sound system

### SOUND SLEEPER \_\_\_\_\_ 36

A Grand Am with its sound disguised

### STEREOFEST '90 \_\_\_\_\_ 38

A bevy of sound components that will have you shaking your woofers

### SOUND SOURCES \_\_\_\_\_ 46

Automotive audio A to Z

## RESTORATION SPECIAL

Breathing new life into old cars \_\_\_\_\_ 50

### CHEAP TRICKS \_\_\_\_\_ 56

Top tech tips for resto musclecar enthusiasts

### CRACKING THE CODES \_\_\_\_\_ 62

Data plate decoding for Mopar, Fords, and GM cars

### MUSCLECAR TREASURE HUNT \_\_\_\_\_ 66

Are the Sixties supercars investments or inflated museum pieces?

## FEATURES

### BIG SHOEBOX TO FILL \_\_\_\_\_ 72

Danny Taylor's Malibu has all the ingredients to be a modern-day '55 Chevy.

### STREET MACHINE MADNESS \_\_\_\_\_ 78

See all the cars at the Street Machine Nationals!

### FAST FRIEND \_\_\_\_\_ 80

A Chevy II that is too much

### RAPID TRANSIT AUTHORITY: TOP BOX \_\_\_\_\_ 88

A 9-second shoebox that's as comfortable as Dorothy's slippers

### KENTUCKY BLUE STREAK \_\_\_\_\_ 116

This '79 LeMans redefines the term quarter horse

# CAR CRAFT

M A G A Z I N E

June 1990

Volume 38 Number 6



20



148



88

## LET YOUR VOICE BE HEARD \_\_\_\_\_ 138

The 1990 CAR CRAFT All-Star Drag Racing Team ballot

### TANG-GO \_\_\_\_\_ 148

This speed-quenching '67 Camaro is the perfect low-orbit re-entry vehicle

### MUSCLECAR CLASSICS \_\_\_\_\_ 151

1969 Pontiac GTO Judge

### DIAMOND DODGE \_\_\_\_\_ 156

This '66 Charger is the perfect combination of precious metal and rare minerals

## TECH

### STRIP SMARTS: TOPS IN HIS CLASS \_\_\_\_\_ 82

A high-school senior and his 12-second P/Stock Eliminator Oldsmobile

### WEEKEND WRENCH: CLUTCH CAPERS \_\_\_\_\_ 92

Cut the chatter and make the shift with these installation tips

### EVEN MORE EXCITEMENT \_\_\_\_\_ 98

Part 2 of our Pontiac Firebird Formula's assault into the 12's

### SMALL-BLOCK OUTER LIMITS: PART III \_\_\_\_\_ 118

The final assembly for the mega-inch Mouse motor

### FRAME UP \_\_\_\_\_ 128

Ed Quay's chassis formula for daily drivers or weekend racers

## DEPARTMENTS

### 5 POINT OF VIEW

### 6 BACKFIRE

### 12 STRAIGHT SCOOP

### 14 HI-RISER

### 16 ELAPSED TIMES

### 134 MUSCLECAR REPORT

### 142 IN REVIEW

### 144 D.O.T.

### 147 CALENDAR

### 158 TECH TALK

### 161 NEW PRODUCTS

### 166 MUSCLECAR MART

### 168 PERFORMANCE

### DIRECTORY

### 172 CLASSIFIED

### 173 AD INDEX

### 174 IDLE TALK

**ON THE COVER:** This double-bonus issue of CAR CRAFT features two of the hottest trends in street machining. With help from the PPC library and photos by Jim McGowan, CC illustrates the restoration craze. In our car audio section, you can read about all the sound you've been hearing.

CAR CRAFT (ISSN 0008-6010),  
Copyright 1990 by PETERSEN PUBLISHING  
COMPANY. All rights reserved.

# CAR CRAFT

V.P., Group Publisher JOHN DIANNA

Publisher JAMES G. ADOLPH

Editorial Director DONALD R. EVANS

Editor JAMES P. MCGOWAN

Group Managing Editor BENNIE CLARK ALLEN

Art Director GREG HOLLOBAUGH

Editorial Production Manager ANNE SLATER LUBOW

Senior Editor BRIAN HATANO

Technical Editor JIM LOSEE

Feature Editor JERRY PITT

Associate Editor TIM BERNSAU

Associate Editor J. P. HUFFMAN

Copy Editor BRANDY SCHAFFELS

Editorial Assistant BRIAN KAYA

Assistant to the Publisher DEBORAH WOODWORTH

Ad Service Coordinator ANNA RIGOPoulos

Group Operations Manager BETH STEWART

Computer Graphics Coordinator JANET TABOR

Contributors

PAM CLARK, DAVID FOLKMAN, GERI GAIN,

SUSAN KAPLAN, JIM MCFARLAND, PETE MILLAR,

DIANA QUARRY, RICK VOEGELIN

## PETERSEN PUBLISHING CO.

Chairman of the Board ROBERT E. PETERSEN

President FREDERICK R. WAINGROW

Sr. V.P., Corp. Development ROBERT E. BROWN

Sr. V.P., National Adv. Director PETER F. CLANCEY

Sr. V.P., Publisher ROBERT MACLEOD

V.P., Grp. Pub.,

Automotive Performance Group JOHN DIANNA

V.P., Grp. Pub., Outdoor Group THOMAS J. SIATOS

V.P., Grp. Pub., Photo/Marine Div. PAUL TZIMOULIS

V.P., Financial Administration PHILIP E. TRIMBACH

V.P., Manufacturing JAMES J. KRENEK

V.P., Circulation Mktg. Development NIGEL P. HEATON

V.P., Grp. Pub., Auto/Sport Group LEE KELLEY

Director, Human Resources LEO D. LA REW

Director, Data Processing MARIA COX

Director, Photography BOB D'OLIVO

Director, Advt. Operations CAROL JOHNSON

Director, Advt. Research DON MCGILGATHERY

Director, Direct Marketing Division BOB WEGGELAND

Director, Fulfillment Services VERN BALL

Director, Sub. Sales HENSON LACON

Director, Single Copy Sales JAMES G. KILBOURNE

Controller RICHARD E. JOHNSON

## ADVERTISING OFFICES

**LOS ANGELES** Ralph Panico, Western Advertising Director, 8300 Santa Monica Boulevard, Third Floor, Los Angeles, CA 90069, (213) 854-2222.

**NEW YORK** Charles C. Alexander, Eastern Advertising Director, 437 Madison Avenue, 28th Floor, New York, NY 10022, (212) 935-9150.

**DETROIT** R. E. Brown, Regional Advertising Director, Edward McLaughlin, Branch Manager, 333 West Fort Street, Suite 1800, Detroit, MI 48226, (313) 964-6680.

**CHICAGO** Duane R. Placko, Midwestern Advertising Director, Petersen Publishing Company, The Petersen Building, 815 North La Salle Street, Chicago, IL 60610, (312) 649-0660.

**CLEVELAND** Dewey F. Patterson, Branch Manager, Three Commerce Park Square, 23200 Chagrin Blvd., Suite 940, Cleveland, OH 44122, (216) 464-1522.

**ATLANTA** John B. Marcinski, Branch Manager, 4 Piedmont Center, Suite 601, Atlanta, GA 30305, (404) 231-4004.

**DALLAS** Jeff Young, Branch Manager, 800 West Airport Freeway, Suite 201, Irving, TX 75062, (214) 579-0454.

## PETERSEN MAGAZINE NETWORK

Ralph Panico, Western Advertising Director Charles C.

Alexander, Eastern Advertising Director Duane R. Placko,

Midwestern Advertising Director R. E. Brown, Regional

Advertising Director Dewey F. Patterson, Cleveland Branch

Manager John B. Marcinski, Atlanta Branch Manager Jeff

Young, Dallas Branch Manager



**DOUBLE  
BONUS!**

WHAT'S HOT ▶ LOW-BUCK TURN-ONS ▶ SOUND INVESTMENTS!  
**STEREO EXPLOSION!**

\$2.75 JUNE 1990 In U.K. £1.75

# CAR CRAFT

**Topping Off The  
427 Small-Block!**

**Basic Clutch  
Installation!**

# RESTORATION

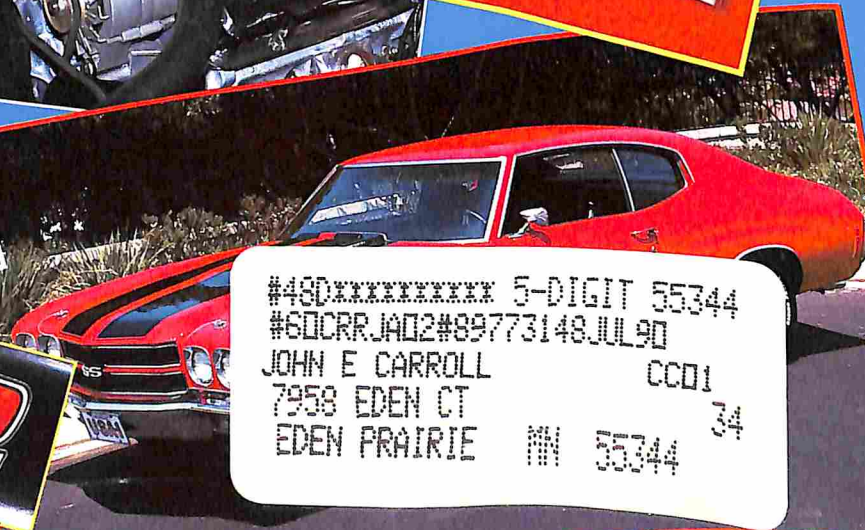
# 25

**LOW-BUCK  
RESTO TIPS**

**DATA  
PLATE  
DECODING**

**GIANT  
SUPPLIERS  
LIST**

**COLLECTING  
INVESTING  
INSURING**



#48Dxxxxxxxxx 5-DIGIT 55344  
#6DCRRJAD2#89773148JUL90  
JOHN E CARROLL CCD1  
7958 EDEN CT  
EDEN PRAIRIE MN 55344 34