

America's Most Popular Oval Track Racing Magazine

FEATURES

A RUN IN THE SUN

A color pictorial of Arizona action: the Checker 200 Indy car race.

SHOEBOX SPEEDSTERS

In the 1930s, miniature race cars were in their glory.

HOLLYWOOD HOWLERS I

Through the years, Tinseltown has produced many great films,

but racing movies have never been amongst them.

CIRCLE TRACK CLASSIC

This Studebaker Special was a 1933 Indy 500

top-10 finisher and was 85% stock!

LITTLE JOE I There was never a dull moment on the NASCAR

circuit when Joe Weatherly was around.

SPECIAL ENGINE TECH SECTION

GRAND NATIONAL CHEVY V6

Bill Jenkins and Dennis Fischer take different approaches when building this high-tech powerplant.

CHEAP POWER

Whether you're a NASCAR Street Stock, Sportsman, or Modified

competitor, here are the best ways to spend your money.

COMBUSTION TIMING

A simple explanation of a complex process.

OFFSETTING GAINS

Jerry McGarrity shares his knowledge on moving engine components to improve performance.

Fel-Pro Incorporated's Jerry Rosenquist discusses performance gaskets.

A RUN-IN WITH SUCCESS

How to build an engine run-in stand for a more professionally prepared engine.

Having the appropriate pit equipment is a necessity for any team.

HOLLEY HELP

Don't throw your warped Holley away. Repair it with a new tool from the Carburetor Shop.

PIT TIPS

Included are low-buck ideas on how to protect tire pressure

gauges and remove dents from molded plastic noses.

CORNER SCIENCE

A look at the design factors in the geometry of an independent suspension.

TRACK TECH I

Smokey Yunick answers your questions on plug indexing, setting deck height, carburetor placement, and much more.

DEPARTMENTS

4 C.J.'s CORNER

7 LETTERS

8 STOCK REPORT 14 NEW PRODUCTS

16 YESTERDAY & TODAY 18 BEHIND THE WHEEL

20 RACIN' AROUND

118 TOW TECH

135 AD INDEX

136 TRACK TRADE

142 HOT LAPS

COVER PHOTOGRAPHY: Special thanks to Larry Ofria of Valley Head Service and Dennis Fischer of Fischer Engineering for providing the engines for our cover photo, captured so beautifully by PPC Photographic's Lynne McCready. Inset photo: Bob Tronolone.

CIRCLE TRACK (ISSN 0734-5437) Copyright® 1988 by Petersen Publishing Co. All Rights Reserved. Published monthly by Petersen Publishing Co., 8490 Sunset Blvd., Los Angeles, CA 90069. Second-class postage paid at Los Angeles, CA 90052 and at additional mailing offices. Single copy: \$2.95. Subscription rates: U.S., military, and possessions, one year \$21.95. Canada and other countries, one year \$31.95. Subscription inquiries: (213) 854-2470.

POSTMASTER: Send address changes to CIRCLE TRACK, P.O. Box 800, Los Angeles, CA 90078. No part of this magazine may be reproduced without written permission. This magazine is purchased with the understanding that the information presented is from many varied sources from which there can be no warranty or responsibility by the publisher as to accuracy or completeness.

WIN A TRIP TO CHARLOTTE

For The Oakwood Homes 500

PETERSEN'S JULY 1988 \$2.95 U.K. £2.45



Engine Technolog



- ·Combustion Science
- · Building A GN Chevy V6
- ·Building A Real-World V8
- ·Little-Known Engine Secrets

#585J******* 5-DIGIT 55343 #CDSHRTB62#Z2543D65JUN91 TOM SCHREINER CTDI 1417 CAMBRIDGE ST HOPKINS MN 55343