

DESIGN PROBLEM-

200 MPH WITH A SPORTS CAR see pg. 40

SPORTS CARS ILLUSTRATED

OCTOBER 1957 35¢

MONZA 500:

WHERE WERE

THE EUROPEANS?



RARIN' TO GO...

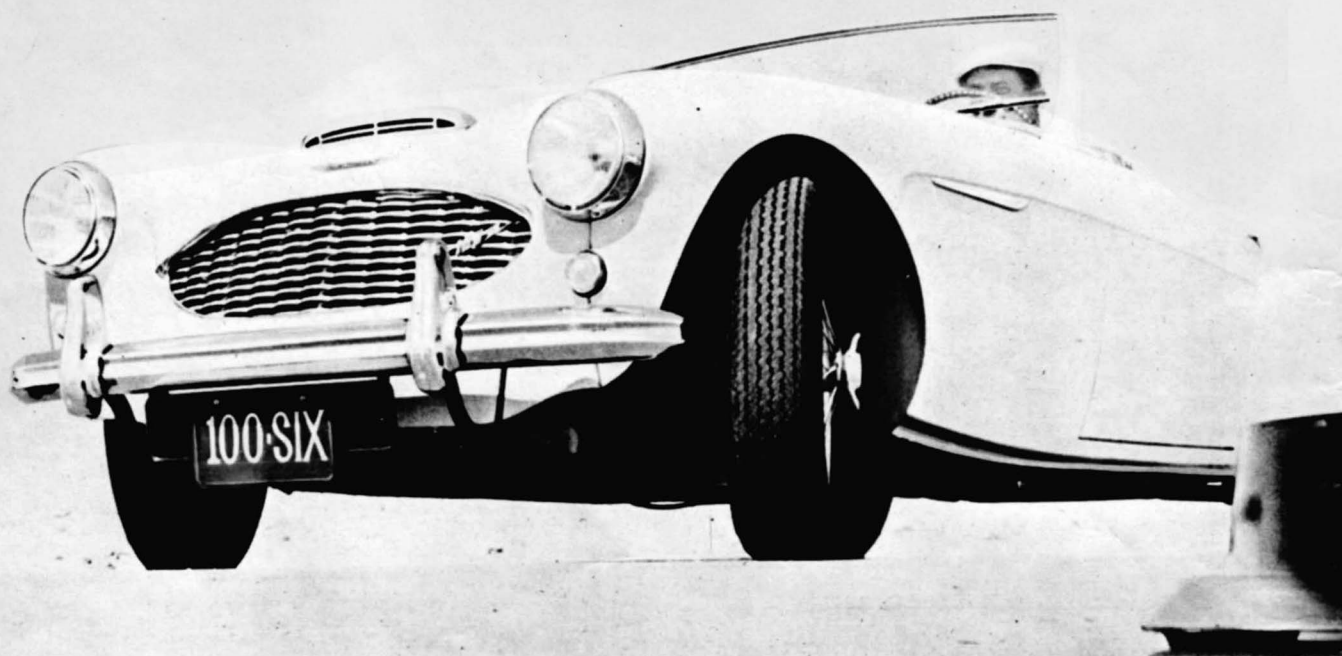
Take a turn at the wheel of the new Austin-Healey 100-Six either in competition or just for a family holiday spin. Corner tricky hairpins...glide through heavy traffic...flash down an open straight. You'll discover that the maneuverability and eager response of this powerful, road-hugging thoroughbred is so fast and sure you'll wonder if it's reading your mind.

...and the price tag won't flag you down!

Austin-Healey

100-SIX

THE SPORTS-CAR OF SPORTSMEN



Rear jump seats make the 100-Six a true sports-car the entire family can enjoy. Twelve months' warranty on parts.

Represented in the United States by

hambro AUTOMOTIVE CORPORATION • 27 West 57th Street, New York 19, New York

A product of The British Motor Corporation, Ltd. • Sold and serviced by a nationwide network of distributors and dealers.

SPORTS CARS ILLUSTRATED

october 1957
no. 4 vol. 3

CONTENTS

road tests

Aston Martin DB 2/4 Mark III.....	24
A Hotter Volvo.....	38

features

Helmet Design: Comfort or Survival <i>Test Series number 2 - "G" Impact</i> Griff Borgeson	16
Counterfeiter by Royal Command <i>Rex Hays, model maker extraordinary</i> Dennis May	18
Tread Lightly on Me!..... Griff Borgeson	30
<i>The 2.3 Alfa Romeo</i>	
200 mph in a Sports Car? <i>A blueprint for top speed</i> .. Roger Huntington S.A.E.	40

Confessions of an Egg Owner <i>The problems of Isetta ownership</i> Brown Meggs	42
--	----

competition

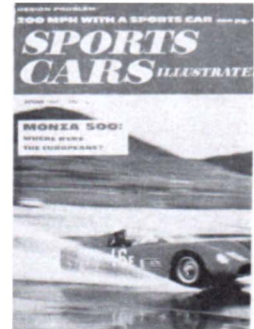
Where Were the Europeans? <i>The Monza 500</i> Jesse Alexander	12
Straight Scotch and the 24-hour Jag <i>Le Mans, 1957</i> Jesse Alexander	28
You've Got to Know the 'Ring <i>Aston Martin takes the big one</i> Jesse Alexander	44

technical

Consistent Champion — Part II Karl Ludvigsen	22
Time Was No Object..... Ed Monroe	32

departments

Letters.....	5
Very Sincerely Yours.....	6
Technotes.....	11
Under the Hood.....	10



Here's what happens when a fast 2 liter Maserati (see May '57) hits a puddle. For a fish's eye view turn it upside down. The Kodachrome is by Bob Coogan, the place — Pomona.

john christy, editor
leonard f. griffing, associate editor
stephen wilder, technical editor
saul d. weiner, art editor
griff borgeson, west coast editor
jesse i. alexander, european editor
dennis may, london correspondent
arne g. gittleman, advertising mgr.
bill burke, western adv. rep.

ZIFF-DAVIS PUBLISHING CO., 366 Madison Ave., New York 17, N.Y. B. G. Davis, President; William Ziff, Administrative Vice President; H. J. Morganroth, Vice President; Michael H. Froelich, Vice President; Michael Michaelson, Vice President and Circulation Director; George Carney, Secretary-Treasurer; Albert Gruen, Art Director.

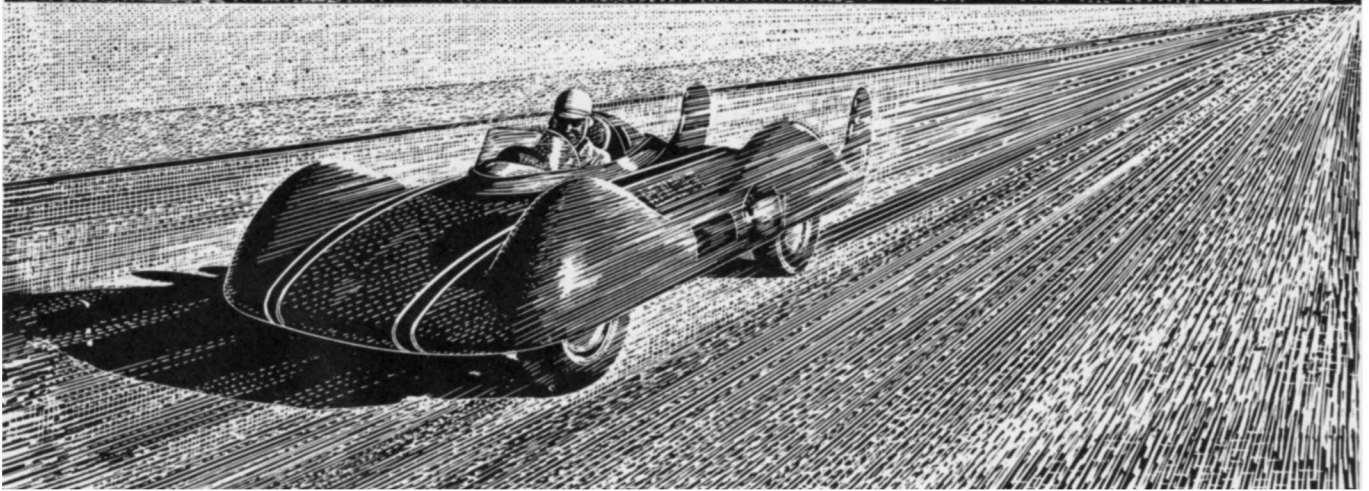
Member
Audit Bureau of
Circulations

BRANCH OFFICES: Midwestern Office, 64 E. Lake St., Chicago, Ill., John A. Ronan, Jr., manager; Western Office, Room 412, 215 W. 7th St., Los Angeles 17, Calif., John E. Payne, manager.



SPORTS CARS ILLUSTRATED is published monthly by the Ziff-Davis Publishing Company, William B. Ziff, Chairman of the Board (1946-1953), at 64 E. Lake St., Chicago 1, Ill. Entered as second class matter at Post Office, Chicago, Illinois, under the Act of March 3, 1879.
SUBSCRIPTION RATES: One year, U.S. and Possessions and Canada \$4.00; Pan American Union Countries \$4.50; all other foreign countries \$5.00.
SUBSCRIPTION SERVICE: All correspondence concerning subscriptions should be addressed to Circulation Dept., 64 E. Lake St., Chicago 1, Ill. Please allow at least four weeks for change of address. Include your old address as well as new — enclosing if possible an address label from a recent issue of this magazine.
CONTRIBUTIONS: Contributors are advised to retain a copy of their manuscripts and illustrations. Contributions should be mailed to the New York Editorial Office and must be accompanied by return postage. Contributions will be handled with reasonable care, but this magazine assumes no responsibility for their safety. Any copy accepted is subject to whatever adaptations and revisions are necessary to meet the requirements of this publication. Payment covers all author's, contributor's, and copyright's rights in and to the material accepted and will be made at our current rates upon acceptance. All photos and drawings will be considered as part of the material purchased.

Turbine engine for your car?



Renault's experimental Shooting Star clocked at 191.2 mph—faster by 40 mph than any previous turbine-powered car!

The Shooting Star is just one phase of the Renault research program that also produced the most up-to-date cars on the road today.

You'll find the 1957 Dauphine—powered by Renault's famous "Ventoux" internal combustion rear engine—is a giant step ahead of every other low-priced family sedan in easy handling, fuel economy and all-around roadability. See and drive the amazing rear-engine Dauphine at your nearest Renault dealer's.



la Dauphine

5-passenger, 4-door sedan \$1645* F.O.B., N.Y.C.

*Whitewall tires, Ferlec automatic clutch, Radio—optional extra.

Shooting Star illustration courtesy Longines, official timepiece for the Renault record run.



RENAULT OF FRANCE

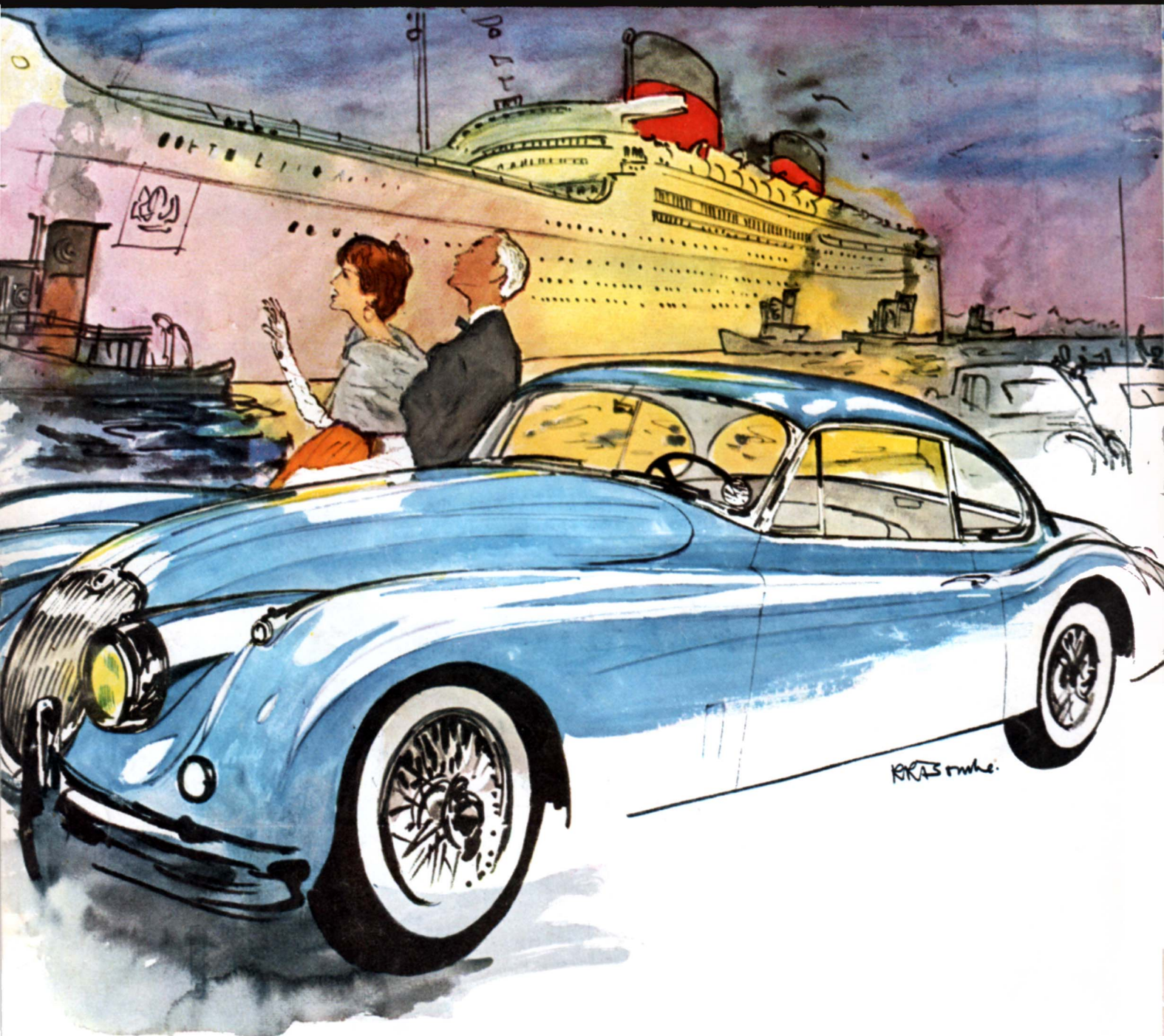
Direct Factory Branch: 425 Park Avenue, New York 22, N. Y.

In Canada: 1427 Mountain St., Montreal 25, P. Q.

Dealers from Coast to Coast —

JAGUAR

THE NEW XK-150 GRAN TURISMO HARDTOP COUPE



Continuing in a great tradition, Jaguar competition cars recently have achieved the most dramatic victories in the entire history of racing. These tests of endurance are the proving grounds for Jaguar dependability and safety, now combined with classic styling and incomparable elegance in the Jaguar XK-150 sports touring car.

This Jaguar ensures you the maximum safety of four-wheel disc brakes, the first production line car in the world to be so equipped. It may now be seen at Jaguar dealers. Available with automatic or manual shift. Jaguar Cars North American Corporation, 32 East 57th Street, New York 22, N. Y.

