



## ROAD TESTS

Aston Martin Lagonda—it has the luxury of a Rolls, the performance of a Ferrari, and the price of a Picasso	60
Alfa Romeo Spider Veloce—subtle refinements enhance its classic Italian sports car nature	108
Nissan Sentra—a front-wheel-drive replacement for Datsun's rear-wheel-drive 210	112

## SPECIAL AERODYNAMICS SECTION

Seeking Light at the End of the Tunnel—understanding the fascinating world of aerodynamics	32
Tunneling Through the Ages—Alex Tremulis gives us a lesson in aerodynamics history	36
Aero Estimation, Self Taught—how to estimate your car's $C_x$ without a wind tunnel	40
Tunneling to Victory—an in-house wind tunnel helps make the Williams Formula 1 car a tough competitor	46
Our Day in the Tunnel—if your car's $C_x$ is draggin', put a spoiler on that wagon	48
Aero X—GM streamlines the Chevrolet Citation and achieves some X-traordinary results	54

## FEATURES

Profile: Harold K. Sperlich—his hard work and love of cars have helped turn Chrysler around	21
Salon: The Saga of the K-Cars—not the contemporary Chryslers, but those bobtailed Thirties aero cars	64
Super Sound System—pulling out all the stops to achieve concert-hall quality sound in an automobile	70
A Season of Show Cars—a pictorial potpourri of designs from the Geneva and Turin auto shows	76
Gilles Villeneuve—the world will miss this sportsman, gentleman, family man and motor racing virtuoso	105

## COMPETITION

San Marino Grand Prix—FISA and FOCA fiddle around while the Ferrari team burns up the track	96
Belgian Grand Prix—the joy of Watson's win is diminished by Villeneuve's death	100

## DEPARTMENTS

People & Places	4	Miscellaneous Ramblings	29
Letters	6	About the Sport	84
Years Ago	14	Market Place	117
Road Test Summary	16	Technical Correspondence	131
Time & Place	24	PS	136

## COVER

Ferrari 512 Boxer in the Pininfarina wind tunnel, Turin, Italy—photo by John Lamm



FIRST U.S. TEST: ASTON MARTIN LAGONDA  
ALSO TESTED: NISSAN SENTRA & ALFA SPIDER

# ROAD & TRACK

AUGUST 1982

UK £1

\$1.75

*Special Section*

## AERODYNAMICS

The magical science  
of cheating  
the wind

Exclusive tunnel test  
—dams, spoilers  
and wings

