

TUNE TO WIN

THE ART AND SCIENCE OF RACE CAR
DEVELOPMENT AND TUNING



CARROLL SMITH

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TUNE TO WIN is the second installment in Carroll Smith's highly acclaimed series. With equal doses of wit and wisdom, Carroll covers the art and science of tuning and development by clearly explaining the basic principles of vehicle dynamics and relating these principles to the various systems of the racing car and the inputs of the racing driver.

The areas covered include vehicle dynamics, steering and suspension geometry, tires, shock absorbers, aerodynamics, the drive line and tuning of the engine.

With his explicit, pragmatic and inimitable style, Carroll offers great insight into the technology, methodology and prioritization which placed his cars in victory circles throughout the world. *Tune to Win* is all but guaranteed to both entertain the reader and enhance their understanding and results.

Be sure to check out Carroll's other titles and racing history at www.carrollsmith.com.

CARROLL SMITH'S racing career spanned nearly a half century. As a driver, a team manager, an engineer and ultimately as an author and lecturer, he brought his lifelong passion for the sport and pursuit of excellence to every project and undertaking. His cars won races at the hands of Andretti, Foyt, Gurney, Hulme, Ickx, Ongais, Posey and Amon among countless others. His series of books, beginning here with *Prepare to Win*, still serves as both road map and encyclopedia to amateur and professional racers alike. Carroll passed on peacefully at home on his horse ranch in Northern California in 2003. We are all fortunate to have his books as a reference to his accumulated knowledge and experience as well as his big personality, sense of humor and heart. He is fondly remembered and sorely missed by all who crossed his path.



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