



## Forty Years of Ferrari V12 Engines

By Welko E. Gasich

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Ever since the first Ferrari V-12 engine in 1946, the Ferrari/V-12 combination has defined "high-performance." In this in-depth analysis of Ferrari engine development, W. E. Gasich takes readers on a 40-year ride through Ferrari engine success and innovation. Focusing on the 12-cylinder because it exemplified Enzo Ferrari's dream for high performance, *Forty Years of Ferrari V-12 Engines* looks at V-12s in road cars, sports cars and race cars. More than 50 percent of the company's engine designs have been 12-cylinder engines, and v-12s have accounted for three of Ferrari's nine Formula 1 Grand Prix World Championships. In this book, Gasich develops a new equation to denote volume-specific horsepower, a method of determining and comparing engine performance. His analysis of the engines includes detailed research on compression ratio, piston speed, bore/stroke ratio, BMEP, and specific power. Numerous equations, charts and tables complement the author's exhaustive research. High-performance automobile enthusiasts will also delight in dozens of photographs of Ferrari engines, races cars and road cars. The Ferrari mystique rests not only on the eye-catching features (design, speed), but also on the technical experimentation and dedication which has resulted in worldwide acclaim. *Forty Years of Ferrari V-12 Engines* show how Ferrari has continually taken "state-of-the-art" engine design to new levels.

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