CORVETTE!

How do you define a sports car? Is it a machine for the rigors of rallies and the like? Or is it for traffic and countryside?

The Corvette fits them all.

Spend a weekend with it on a rally. The Corvette belongs with the best of them. Experts call its power plant the finest production engine ever built. Corvette gearboxes are admired both here and abroad. Advanced parallelogram rear suspension keeps the Corvette sure and steady over straightaways and through hairpin turns. Air-cooled brakes prove their worth in stop after stop.


This is what an American sports car must be. Versatile. Capable. Luxurious. The Corvette by Chevrolet is ideal for people who want a special fun-for-two kind of driving.

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**Engineered in the finest sports car tradition**

Vital statistics determine a sports car's agility and feeling for fun. Power-to-weight, gearbox choices, rear axle ratios, brakes, steering, suspension system—all must fit together for a sports car to live up to its proud name.

The Corvette offers virtually unlimited components for the sports car you want. All have come about because the Corvette bears the unmistakable stamp of Chevrolet's vast engineering facilities and ever-constant objective to build the world's finest production sports car.

The unique fiber glass reinforced plastic BODY on the Corvette is an excellent example of this. By its very nature, fiber glass reinforced plastic is ideal for a sports car body. Lightweight, which contributes to the car's greater performance. Tremendously strong. Safe. It also offers the benefits of rustproof and corrosion-resistant qualities.

Underneath the sleek Corvette body lies a rugged box-girder FRAME. This sports car-type frame forms the foundation for the special way the Corvette stays put on the curves and holds onto the straights. Up from the taut SUSPENSION is engineered with independent coil springs and improved stabilizer bar. Parallelogram rear suspension is by radius rods and semi-elliptic leaf springs and a new stabilizer bar. STEERING is quick and precise. Overall ratio of 21.1 produces responsive HANDLING. Corvette BRAKES are designed for safe, fade-resistant stops. They're big 11-inch hydraulic self-energizing brakes with bonded linings (if you prefer, heavy-duty brakes or sinteredmetallic linings are also available). Constant streams of air flow over the brakes through slotted wheel discs.

The heart of a sports car is its engine. Engineers around the world acclaim Corvette ENGINES as the finest production power plants on the road. All are valve-in-head V8's with 283 cubic inches (3.88" bore x 3.0" stroke) of pure power potential. In their '60 editions, these engines attain new peaks of performance and efficiency.

The Corvette V8 comes in five versions. If you’re a driver who wants a Corvette just for the fun of it, then you may want the standard V8, developing 230 h.p. with single 4-barrel carburetion. Or there’s the 290-h.p.* edition (shown at right) with twin 4-barrel carburetion. If you’re a performance enthusiast, you may want the 370-h.p.* engine with twin 4-barrel carburetion, special camshaft and high-speed valve system. Chevrolet's unmatched achievements in production fuel injection engines are offered in 275-h.p.* and 315-h.p.* versions, the latter delivering well over one h.p. per cubic inch of displacement, alone among all production engines. New, light-weight aluminum cylinder heads, saving 33 pounds, are an important refinement in these Ramjet Fuel Injection power plants. Performance is improved with a higher 11:1 compression ratio.

In GEARBOX choices, the Corvette offers three floor-mounted transmissions to suit your favorite kind of shifting. Corvette transmissions have earned unprecedented respect for dependability, durability and capability. For those who prefer the convenience of an automatic, the rugged and proven POWERGLIDE® is available. For people who prefer to shift by hand, there's the 4-SPEED Close-Ratio Synchro-Mesh® with reverse lockout mechanism and the standard 3-SPEED Close-Ratio Synchro-Mesh.

A variety of power-tailored gear ratios and rear axle ratios can be chosen. Of special significance to sports car enthusiasts who strive for weight-saving are the new aluminum clutch housings used with the 4-speed and 3-speed transmissions.

This, then, is what the Corvette has to offer. The equipment you choose is strictly up to you. But whatever you pick, you can be confident your Corvette will out-handle, out-corner, outperform anything in its class. This is the promise of driving fun found in the Corvette. Years of refinement, patience and careful attention to minute details have gone into creating this car. This is what the Corvette represents today. A true sports car. America's sports car.

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*Optional at extra cost.
FOR PERFORMANCE—CORVETTE ENGINES are 232-cubic-inch displacement valve-in-head V8's with 3.88" bore and 3.0" stroke • 230+ HP. CORVETTE V8 with 4-barrel carburetion. 9.5:1 compression ratio, hydraulic valve lifters, standard equipment. • 245-H.P. CORVETTE V8* with twin 4-barrel carburetor, 9.5:1 compression ratio, hydraulic valve lifters. • 275-H.P. CORVETTE V8* with Ramjet Fuel Injection, 11:1 compression ratio, aluminum cylinder heads, hydraulic valve lifters. • 270-H.P. CORVETTE V8 with 4-barrel carburetion. 11.1:1 compression ratio, special camshaft and high-speed valve system with special valves and mechanical valve lifters. All-aluminum cross-flow radiator included. • 315-H.P. CORVETTE V8* with Ramjet Fuel Injection 11.1:1 compression ratio, aluminum cylinder heads, special camshaft and high-speed valve system with special valves and mechanical valve lifters. All-aluminum cross-flow radiator included.

All engines have independent operating mechanism for each valve. Precision-machined from forgings. Four main bearings. Full pressure lubrication system, full-flow oil filter. 12-volt electrical system. Engines precision balanced as assembly. Fitted aluminum rocker covers on optional engines. Buffed aluminum oil-wetted type aluminum spring retainer paper element, tube intake type with Fuel Injection). Full dual exhaust system.


POWER-MATCHED REAR AXLES—Semi-floating hypoid. STANDARD REAR AXLE RATIOS: 3.07:1 with 3-speed or 4-speed Synchro-Mesh; 3.55:1 with Powerglide. POWERGLIDE® AUTOMATIC REAR AXLE: 3.07:1. Choice of 3.07:1, 4.11:1 or 4.56:1 ratio with either 3-Speed or 4-Speed Synchro-Mesh.


16.4-gallon fuel tank. Black 6.70 x 15.4-ply rating Tyres cord tubeless tires, white sidewalls tires optional*. Vented chrome wheel covers with simulated knob-off hubs.

SPECIAL EQUIPMENT—FOR SPORTS CAR MEETS—R.P.O. 687—Special brakes with sintered-metallic facing, finned cast iron brake drums with built-in cooling fan, vented flange rings with air scoops, and fast steering adapter for 16.3:1 overall ratio. Used with Pulsation rear axle, this equipment is available with 3-Speed or 4-Speed Synchro-Mesh and 270- or 315-H.P. engine. R.P.O. 686—Special sintered-metallic brake linings available with 3-Speed or 4-Speed Synchro-Mesh-F.D.A. 121—Temperature-controlled viscous drive fan. R.P.O. 276—Wide-base wheels with 559 rims. L.P.O. 1408—Nylon cord tubeless tires, 6.70 x 15.4-ply rating.


INTERIOR FEATURES—Interior colors in black, blue, red or turquoise keyed to exterior colors. Foam rubber padded all-vinyl trimmed bucket seats, individually adjustable. Safety belts. Long padded armrest on each door. Recessed safety reflectors in door side panels. Crank-operated windows, power-operated optional*. Vinyl-covered instrument panel. Passenger assist bar in instrument panel cove with storage bin below. Bright aluminum and vinyl sidewall trim. Carpoted floor, metal sides and step plates. Competition-type steering wheel. Speedometer, tachometer, ammeter, fuel level, oil pressure and coolant temperature gauges, starter-ignition switch, and light switch on instrument panel. Directional signals, cigarette lighter, outside and inside rearview mirrors, dual electric windshield wipers, electric clock. Ashtray and glove compartment with key lock located between seats. Transistorized radio*, heater, parking brake alarm*, courtesy light*, right- and left-hand sunshades*, and push- button windshield wiper* also available.

DIMENSIONS—Wheelbase, 102". Overall length, 177.2". Overall height: Soft top, 51.6"; top down, 49.7"; hardtop, 51.5". Height at door, 33.5". Road clearance, 5.9". Overall width, 72.8". Tread: front, 57"; rear, 59". *Optional at extra cost.

*All illustrations and specifications contained in this literature are based on the latest product information available at the time of publication approval. The right is reserved to make changes at any time without notice in prices, colors, materials, equipment, specifications and models, and also to discontinue models. Chevrolet Motor Division, General Motors Corporation, Detroit 2, Michigan.