CHEVROLET'S NEW CORVETTE

FUN!
INTRODUCING
SENSATIONAL NEW
FUEL INJECTION

The new Corvette has taken a giant stride forward in 1957 with the introduction of new Ramjet Fuel Injection—the most advanced performance feature ever offered on an American production engine. Basically, Ramjet Fuel Injection is an efficient constant flow system that eliminates the carburetor, delivering fuel directly to the cylinders for instantaneous accelerator response, greater overall fuel economy, higher low-speed torque and smoothness, ease of starting and overall improvement of engine performance.

It's an extraordinary engineering feat, but the real story of Ramjet Fuel Injection is the new adventure it offers those who simply love to drive. In one bold stroke the Chevrolet Corvette now provides a new dimension of driving pleasure.

FOR THE FIRST TIME
IN AUTOMOBILE HISTORY—
ONE H.P. FOR EVERY CUBIC INCH!

Now with Fuel Injection, the 283 h.p. senior engine in the Corvette line has attained a milestone in American automotive history—one horsepower for every cubic inch. In fact, all four Corvette engines have been increased to 283 cubic inches of displacement.

The other three basic Corvette engines are the standard 220 h.p. V8, the 245 h.p. twin four-barrel V8 and the 250 h.p. V8 with Fuel Injection.

Standard equipment with the Corvette is a special 3-speed close ratio transmission. (And it's a real joy to run through the gears and feel the Corvette's new snap and surge as it pours out its power.) Also, in tailoring the Corvette to individual taste, a special version of the smooth Powerglide transmission is available as an extra-cost option with certain engines. In any combination, the Corvette driver commands the most remarkable road car in America—and a show-stopper for looks, luxury and comfort.
A SPECIAL CAR
FOR SPECIAL PEOPLE

SPECIFICATIONS

ENGINE
Valve-in-head V8, 293-cubic inch displacement, 283° bore x 3.5° stroke, 9.5 to 1 compression ratio, 230 bhp at 4000 r.p.m. with 4-barrel carburetor, 245 bhp at 5000 r.p.m. with twin 4-barrel carburetor. 250 bhp at 5000 r.p.m. with Ramjet Fuel Injection system. High-lift camshaft, hydraulic valve lifters. Independent operating mechanism for each valve. Cast aluminum rocker covers on optional engines. Buffed aluminum ring-type oil-wetted air cleaners. Chrome plated single air cleaner with fuel injection, five-bearing forged steel crankshaft. Special replaceable inserts in main and connecting rod bearings. Full-pressure lubrication system with full flow oil filter. Full dual exhaust system. Shielded ignition. 12-volt electrical system. Engine precision balanced after assembly. Maximum performance 260 bhp at 5600 r.p.m. engine only available only with close-ratio Synchromesh features Ramjet Fuel Injection system, 3.90 to 1 compression ratio, cam-type camshaft, and high-speed valve system with special valve springs, spring dampers, and mechanism valve lifters.

TRANSMISSION
Choice of standard 3-speed close-ratio Synchromesh 2.11:1 low and reverse, 1.31:1 second, 1.1:1 high with high-capacity 10.5-inch semi-centralized coil spring clutch, or optional Powershift special automatic transmission.* Floor-mounted gear or range selector.

CHASSIS
Drive System—Hatchback drive, with uni-balanced tubular propeller shaft and universal joints.
Front Axle—Semi-floating hypoid with single unit boron housing. Axle ratio with Powerslide, 3.55:1; with close-ratio Synchromesh 3.70:1. Post-axle axle with 3.70:1, 3.41:1, or 3.56:1 ratio optional * with close-ratio Synchromesh only.
Steering—Full anti-friction steering gear with balanced steering linkage, 16:1 overall ratio. Tuning diameter (corn cob out), 36.55 feet right, 36.93 feet left.

Brakes—Hydraulic 11-inch self-energizing brakes with bonded linings. Mechanical parking brake on rear wheels.
Wheels and Tires—Choice of black or white sidewall* 4.70-15 4-ply tubeless tires. Chrome wheel covers with simulated knock-off hubs. Fuel Tank—16-gallon capacity, filler cap concealed in left fender.

EXTERIOR FEATURES
Glass fibre reinforced plastic body with sculptured side panels. High quality polished lacquer finish. Front hinged hood with inside latch release and automatic support. Large luggage locker with spare wheel well under floor, concealed top well behind seats. Dual exhaust pipes. Chrome bordered windshield. Large screened cowl ventilator. Manually operated fabric top or lightweight easily removable plastic hardtop.
Power-operating mechanism optional* with fabric top.

INTERIOR FEATURES
 Foam rubber-padded, all-vinyl trimmed bucket seats, individually adjustable with safety belt* and shoulder harness. Wide doors with built-in arm rest, push-button door handle, key lock, inside door release. Choice of arm-operated or power* window lifts. Ash tray and glove compartment between seats; simulated roll on instrument panel and doors, rubber-backed carpeting, metal door kick panels, silk, and step plates. Competition-type steering wheel with three spring steel spokes. Speedometer, tachometer, ammeter, fuel level, oil pressure, and coolant temperature gauges. Signal-seeking, transistorized radio* heater, directional signals, electric clock, cigarette lighter, outside and inside rearview mirror, dual electric windshield wipers, windshield washer.*

COLORS
The 1957 Corvette is available in your choice of six solid exterior colors or six two-tone combinations with color-keyed interior and matching or contrasting top.

DIMENSIONS
Wheelbase, 102", Length, 168", Overall height, top, down, 49.2", curb height, 51.5", Hardtop, 57", Height of door, 35", Road clearance, 5.8", Width, 72.5", Curb, 57" front, 59" rear.*

*Optional at extra cost

AMERICA'S ONLY TRUE SPORTS CAR
EVERY INCH A CHAMPION!

EVERY INCH A PRIZED POSSESSION!

GRACEFUL AND GALLANT
IN EVERY ONE

For styling the Corvette stands alone in America. Showing its sports car pedigree in every line in light car fashion, in executed use, speeds, and highlights which excited world's interest in the conception of motor. And to give a true, the Corvette has a true. Color! They're beautiful, with six solids and six turque to choose from. They are black, upper, white, green, blue and red in the solids; black and silver, top, and top and upper, blue and silver, green and beige, blue and silver and red in the turque ones.

WEATHERIGHT ROLLUP WINDOWS

... are standard equipment on the Corvette; for better weather protection in any season. Power window lifts are an extra-cost option for added convenience and luxury.

SIDEWINDERS

... as standard equipment in the Corvette; for better weather protection in any season. Power window lifts are an extra-cost option for added convenience and luxury.