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


Maximum rated 263 bhp at 5200 rpm. Engine available only with close-ratio Synchro-Mesh features Ramjet Fuel Injection System. 10.5 to 1 compression ratio, competition-type camshaft, and high-speed valve system with special valve springs, valve lifters, and mechanical valve lifters.

TRANSMISSION

Choice of special 3-speed close-ratio Synchro-Mesh (3.21:1 low and reverse, 1.31:1 second, 1.1:1 high) with high-capacity 10-inch semi-floating coil spring clutch, or optional Powerslides special automatic transmission* floor-mounted gear or range selector.

CHASSIS

Drive System—Hatchback drive, with unbonded tubular propeller shaft and universal joints.

Front Axle—Semi-floating hypoid with single unit boron housing. Axle ratio, with Powerslides, 3.55:1; with close-ratio Synchro-Mesh 3.70:1. Power steering axe with 3.4:1; 4.1:1; or 4.56:1 ratio optional* with close-ratio Synchro-Mesh only.

Frame—Extra-rigid box girder frame reinforced with "X" member. Suspension—Independent coil spring front suspension with ride stabilizer. Double acting shock absorbers.

Brakes—Hydraulic 11-inch self-energizing brakes with bonded linings. Mechanical parking brake on rear wheels.


EXTERIOR FEATURES


INTERIOR FEATURES

Foam rubber-padded, all-vinyl trimmed bucket seats, individually adjustable with safety belts and shoulder harness. Wide doors with built-in arm rest, pushbutton door handle, key lock, inside door release. Choice of seat-operated or power* window lifts. Ash tray and glass compartment between seats; simulated roll on instrument panel and doors, rubber-bonded carpeting, metal door kick panels, sill, 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 tops.

DIMENSIONS

Wheelbase, 109", length, 166". Overall height, top down, 49.2"; convertible top, 51.7". Hardtop, 57". Height of door, 35". Road clearance, 5.8". Width, 70.5". Tread, 57" front, 59" rear.*

*Optional at extra cost.

AMERICA'S ONLY TRUE SPORTS CAR