

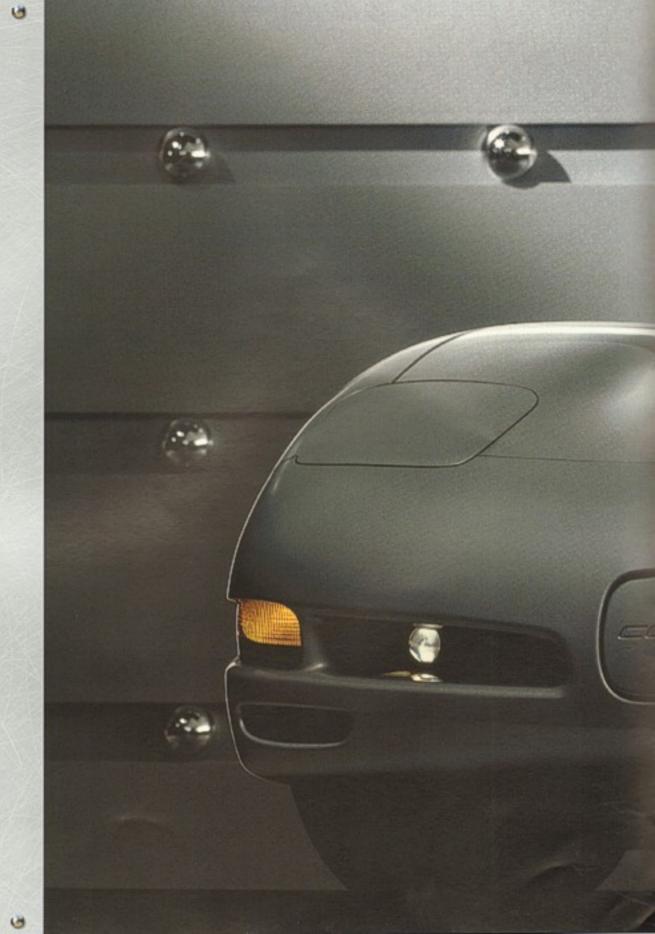
# THE NEW CORVETTE. IT'S HISTORY IN THE MAKING.

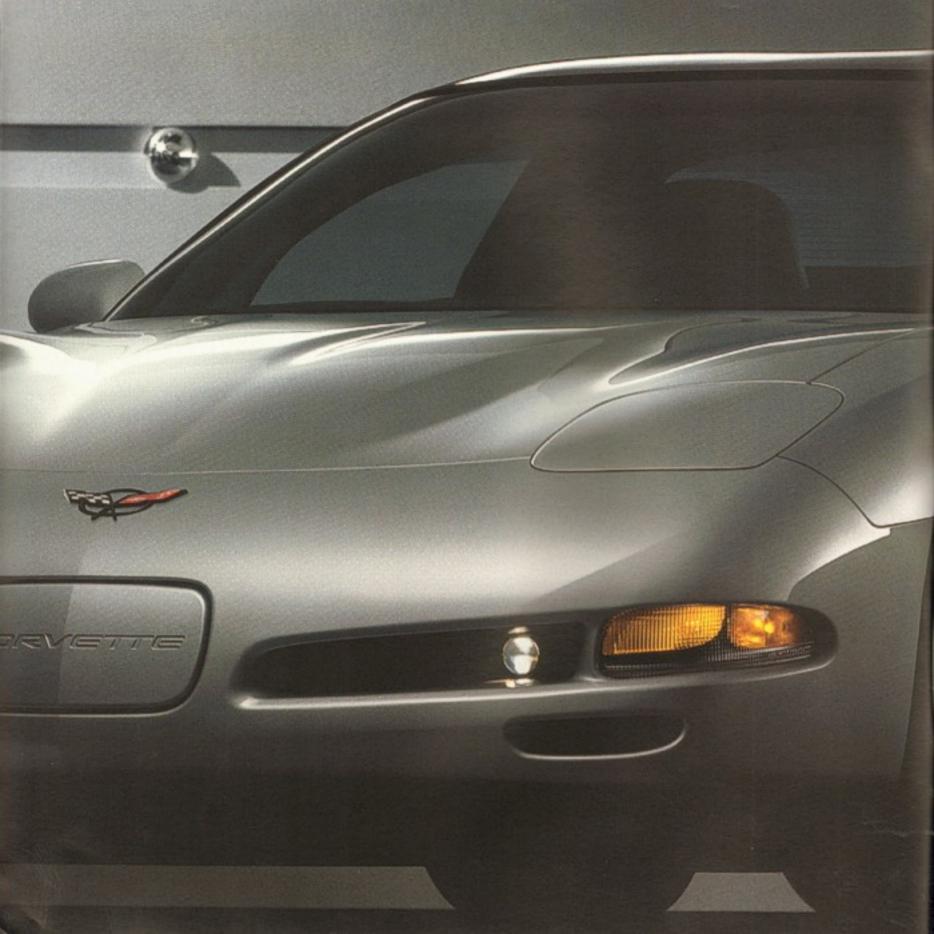
To everyone who ever fell in love with a Corvette, we say: Get ready to do it all over again.

To enthusiasts everywhere, we say: Come celebrate with us the stunning renewal of a performance legend.

Here is passionate proof that the automobile can be both art form and technological tour de force. Corvette is, now more than ever, the pure definition of "American sports car."

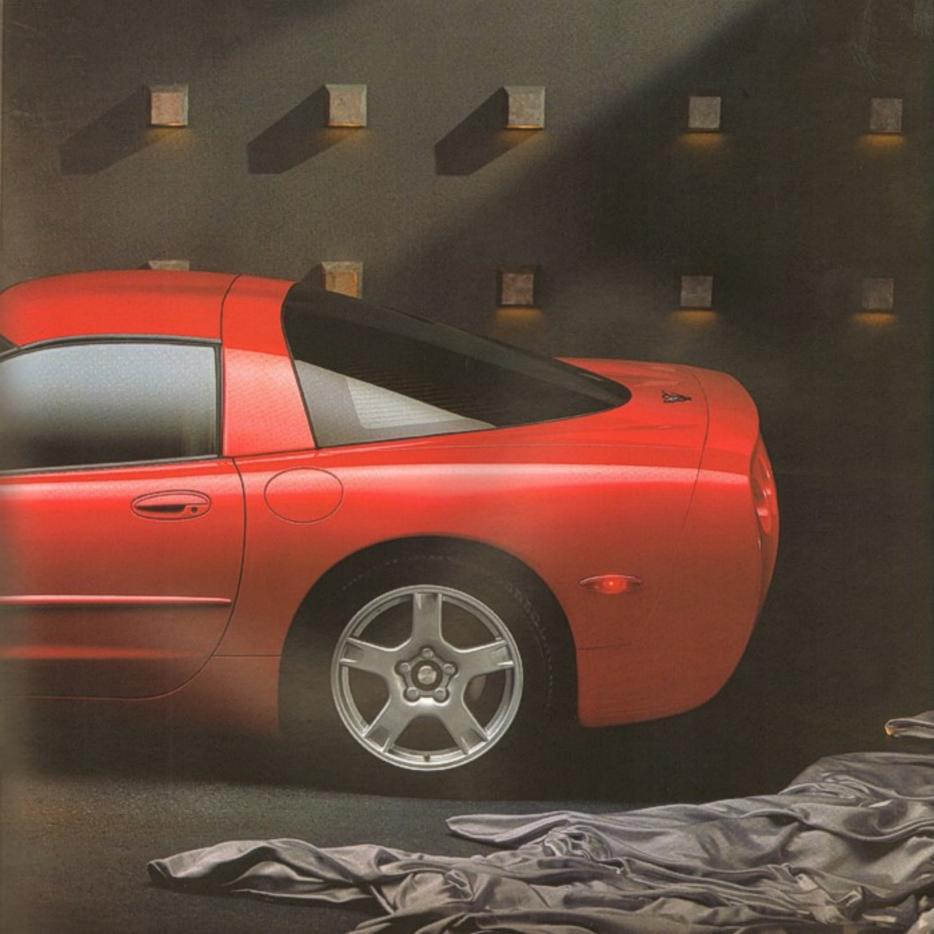
Oh, yes ... that is your heart pounding.





















Living up to the Chevrolet "small block" legacy is an enormous responsibility.

No other sports car engine is so well known — or so highly regarded — as the Corvette V8. And its guiding philosophy — simplicity, lightness of weight, and sheer elegance of design — endures in the newest small block V8, the LS1.

In designing this new engine, the Corvette team benchmarked every competitor.

One thing was certain. This new engine had to be a terrific balance of everything — horsepower, torque, fuel economy, smoothness and durability. A tall order, and one that results in the most exciting V8 to ever sit under a Corvette hood.

LS1 configuration is familiar: pushrod V8.

The benefit to you is a great power-toengine-weight ratio and massive low-end
torque, all combined with high-revving
character that was once the exclusive
domain of overhead cam engines.





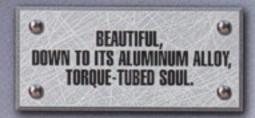
LS1 specifications include an allaluminum block designed for stiffness,
strength and low mass, a unique camshaft
design that improves engine breathing and
a 10.1:1 compression ratio which helps
maximize engine power. A new lightweight
composite intake manifold that improves
airflow and a highly sophisticated level of
Sequential Fuel Injection technology are
also featured.

In the best Corvette tradition, LS1 numbers speak for themselves. Displacement: 5.7 Liters. Horsepower: 345 at 5600 rpm. Torque: 350 lb.-ft. at 4400 rpm. There has never been a more powerful production small block V8 in Corvette history.

The LS1 may be teamed with either an electronically controlled 4-speed automatic transmission (standard) or a six-speed manual (optional).

You'll want to get acquainted with the LS1.

It is the new generation of a legend.



From Metal Matrix composites to hydroformed steel, everything you see here advances the art of sports car design. And, all of which makes the 1997 Corvette an appropriate successor to the Corvettes which have come before.

Up front, the new LS1 V8. The compact size of this engine helped Corvette designers achieve a lower hoodline for both excellent visibility and a tighter turning circle.

The transmission (six-speed manual or four-speed automatic) is at the rear.

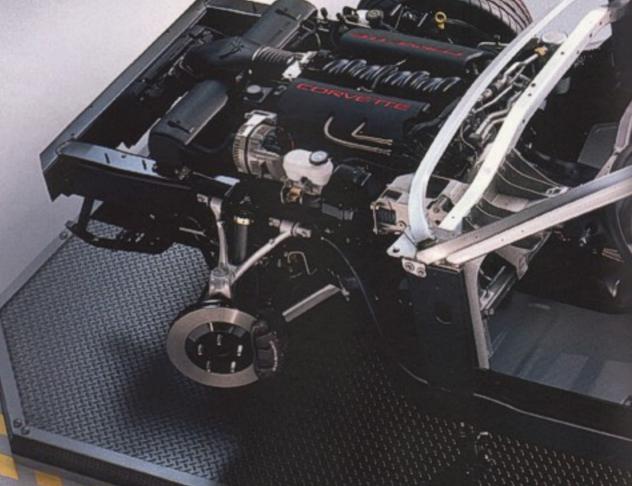
The reasons for this location are threefold:

- To enhance chassis/body rigidity with a longitudinal structural center tunnel
- . To provide optimum weight distribution
- And, significantly, to provide a larger interior with more footroom and legroom.

The unique Corvette structure (consisting of a strong perimeter frame combined with a center backbone) provides a level of structural rigidity that's world class.

A Traction Control system is standard on every Corrette. Traction Control works in conjunction with the ABS and electronic throttle control to optimize traction by reducing tire slip on many surfaces. An On-Off switch is included.

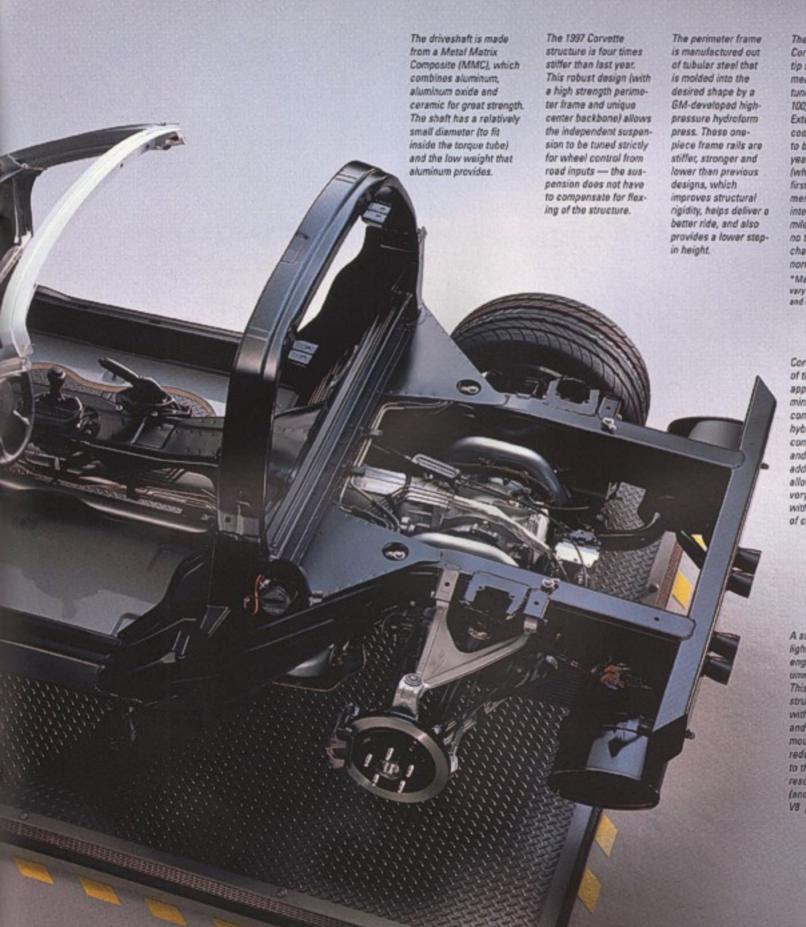
Magnasteer, a speedsensitive, variable-effort steering system, is standard. This computercontrolled system, combined with a rotary valve rack-and-pinion steering gear, provides maximum steering assist for lowspeed parking, and precise steering feel at higher speeds. Electronic Throttle Control is a sophisticated "drive-by-wire" system that provides crisp response to driver input.



In the new Corvette, you'll enjoy:

- A sensational blend of ride and response, with steering that responds precisely to driver input
- Excellent noise and vibration control, for an impressive level of overall refinement.

Without great structure, a great car is impossible. The 1997 Corvette sets a new standard for high-performance automobiles.



The engine in a Corvette has platinumtip spark plugs. This means no scheduled tune-ups for up to 100,000 miles.\* Extended-life engine coolant doesn't need to be changed for five years or 150,000 miles (whichever comes first). The recommended oil change interval is 10,000 miles and there are no transmission fluid changes, ever, under normal conditions.

\*Maintenance needs vary with different uses and driving conditions.

Corvette features one of the most extensive applications of aluminum suspension componentry. A new hybrid process that combines casting and forging saves additional weight and allows the casting of very precise shapes without any sacrifice of component strength.

A super-rigid, but lightweight aluminum engine block reduces unwanted vibration. This advanced construction is combined with hydraulic engine and transmission mounts that further reduce vibration to the chassis. The result is ultra-smooth (and ultra-powerful) V8 performance.



# THIS IS MORE THAN NEW TECHNOLOGY. It's a whole new level of exhilaration.

While driving a Corvette has always been pulse quickening, now the experience soars to a new high.

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The all-new, fully independent suspension uses an advanced SLA (Short/Long Arm) design for all four wheels. Also known as "double wishbone" or "double A arm," this is the preferred design for high-performance sports and racing cars today.

Words that the test drivers have used to describe this carefully tuned suspension include "predictable," "precise," "stable" and "refined." The ride is smoother than ever before, yet this Corvette responds with poise and balance that will delight the sports car enthusiast.

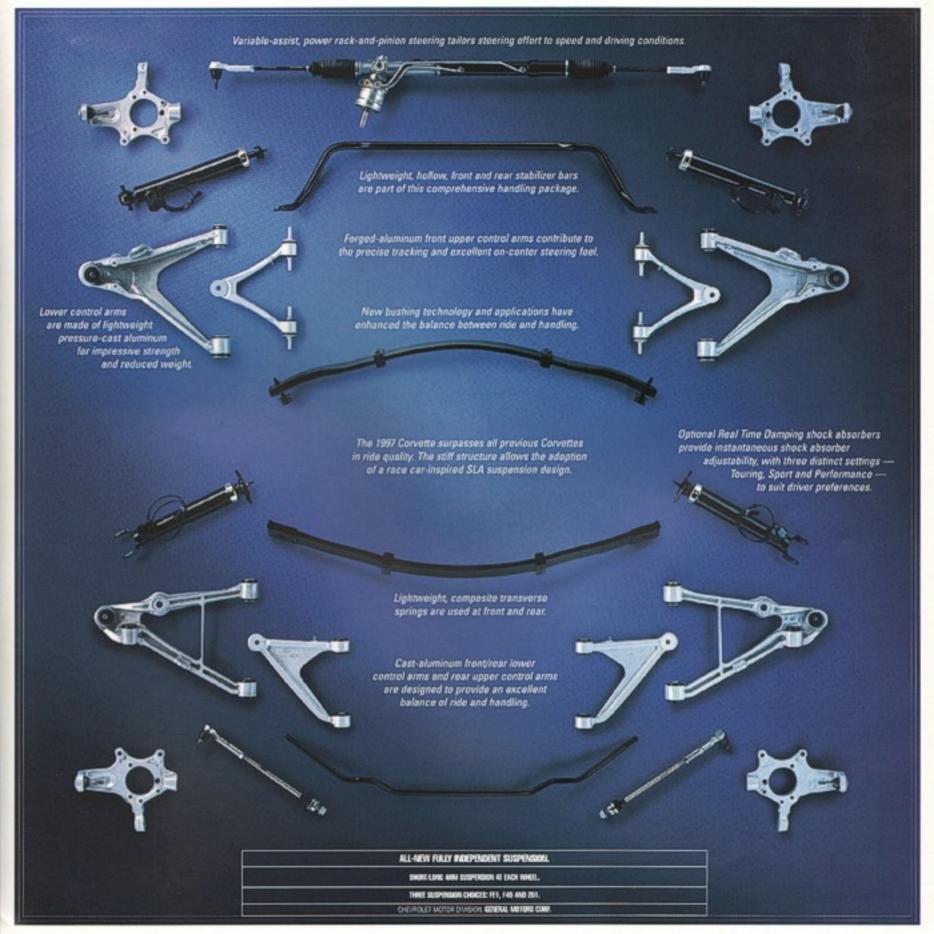
There are three distinct suspension choices for 1997. FE1 is designed to please the majority of Corvette drivers with its outstanding blend of ride and response, and it is standard equipment.

For those enthusiasts seeking the ultimate in Corvette technology, the optional F45 with Real Time Damping is the suspension that "thinks." F45 features computer-controlled shock absorbers that automatically increase shock absorber rates in "real time" — 10 to 15 milliseconds — as road conditions dictate. The system automatically counteracts roll in turns, as well as lift and dive. With F45, there are are three manual settings — Touring, Sport and Performance — each with its own distinct range of ride firmness.

Then there's Z51. This is a suspension option for die-hard performance fans, and it is the racing-inspired package you'll want if you intend to participate in sanctioned competitive events. Z51 components include stiffer springs, larger stabilizer bars and larger monotube shocks.

FE1. F45. Z51. Three great choices, because not everyone wants the same Corvette.

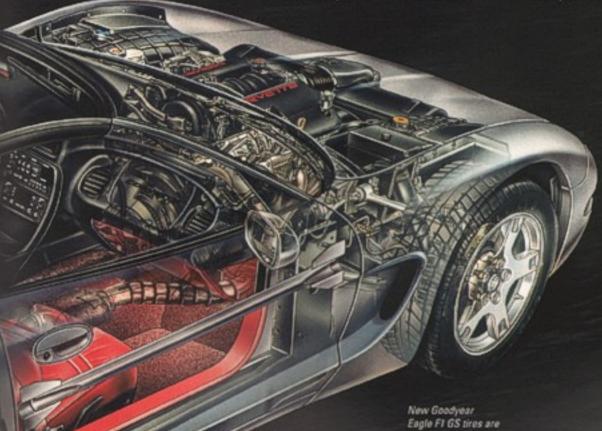






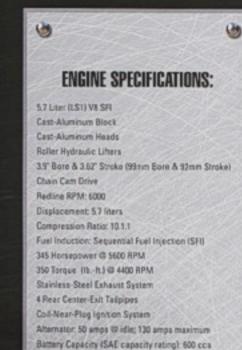
Side window glass Corvette features You might not believe Twin midships-mounted New Solar-Ray glass The new, lightweight The rear location is 25 percent thicker battery-rundown the amount of cargo of the transmission for all windows helps fuel tanks enhance one-piece roof panel protection that autoroom - 24.8 cu. ft. weight distribution and is easily removable enabled Corvette to keep the interior of than last year, for a matically shuts off That's nearly twice enable consistent designers to increase your new Corvette quiet highway ride. without the use of any interior lights (should handling, regardless cool by filtering out as much as last year, tools. You may choose interior room while maintaining excellent weight distribution (nearly 50/50). you forget to do so) of fuel level. and more cargo room from a body-color panel many heat-producing after the car has been than you'll find in solar rays. (standard), a translusitting with the ignition most sedans. cent blue-tinted penel off for 20 minutes. If (optional), or both your Corvette is left panels (optional). with the ignition off for over 24 days, it cuts power to accessories to help alleviate battery rundown.

Electric heated, outside mirrors are larger than before, and are designed to be foldable for ease of parking in tight quarters. Impact-absorbing, "5-mph" front and rear bumpers exceed Federal requirements and feature resilient covers, to resist minor dings and dents. Remote Function Actuation system allows you to automatically lock or unlock doors, turn on interior lights, or unlock the rear hatch from up to 30 feet away. New tuned optic halogen headlamps light the way better than conventional lamps. Optional halogen foglamps enhance your view of the road in foggy conditions. GM's innovative PASS-Key II theftdeterrent system and alarm are standard. PASS-Key II is a totally passive system. Only your specially coded ignition key starts your Corvette.



Corvette features
composite outer body
panels that will never
rust. The door outer
panels, fenders and
rear quarter panels
are made of flexible
composite material,
which protects against
minor dents and dings.

The foundation for Corvette's beautiful exterior finish is the glass-smooth composite body panels. There are four layers of paint, including a fustrous base coat and a final clear coat. The result is paint that's show ready. The 1997 Corvette is three inches wider than its predecessor, and features an eight-inch longer wheelbase, for enhanced stability and ride smoothness. New Goodyear Eagle FI GS tires are an Extended Mobility design that combine performance tire characteristics with all-weather grip.



## PERFORMANCE:

Recommended Fuel, Premium Unloaded 91 Octane

#### Performance Data

| Weight-to-power ratio, man. trans. Ilbs.:h | 931         |
|--|-------------|
| Weight-to-power ratio, auto. trans. (bs.:h | pl 9.41     |
| Coefficient of drag (CD)                   | 0.29        |
| Specific output (hp/liter)                 | 60.5:1      |
| Acceleration                               |             |
| 0-60 mph, man, trans. (sec.)               | 4.72        |
| 0-60 mph, auto, trans. (sec.)              | 5.05        |
| Top speed (mph)                            | 175         |
| 1/4 mile (sec./mph)                        | 13.36/109.4 |
| Lateral Acceleration                       | 0.93        |
| Braking                                    |             |
| 60-0 mph (ft.)                             | 125         |
| Fuel Economy                               |             |
| Man. trans. EPA mileage (MPG city/hwy)     | 18/25"      |
| Auto trans. EPA mileage (MPG city/hwy)     | 17/25*      |
| *Prelminary - subject to change            |             |







Building Corvettes isn't all business.

From the first concept drawing to the final inspection on the Bowling Green, Kentucky assembly line, the new Corvette is the product of a love affair. Every team member who works on Corvette does it with passion — and it shows in a car that's better than ever.

According to Dave Hill, Corvette chief engineer, team members considered every aspect of the vehicle for potential improvement. "We examined our weak points, and turned them into strengths. Things that were good, we made great. Things that were great are now even better."

Now, an American masterpiece prepares to take on the world. It's signed, "Corvette."





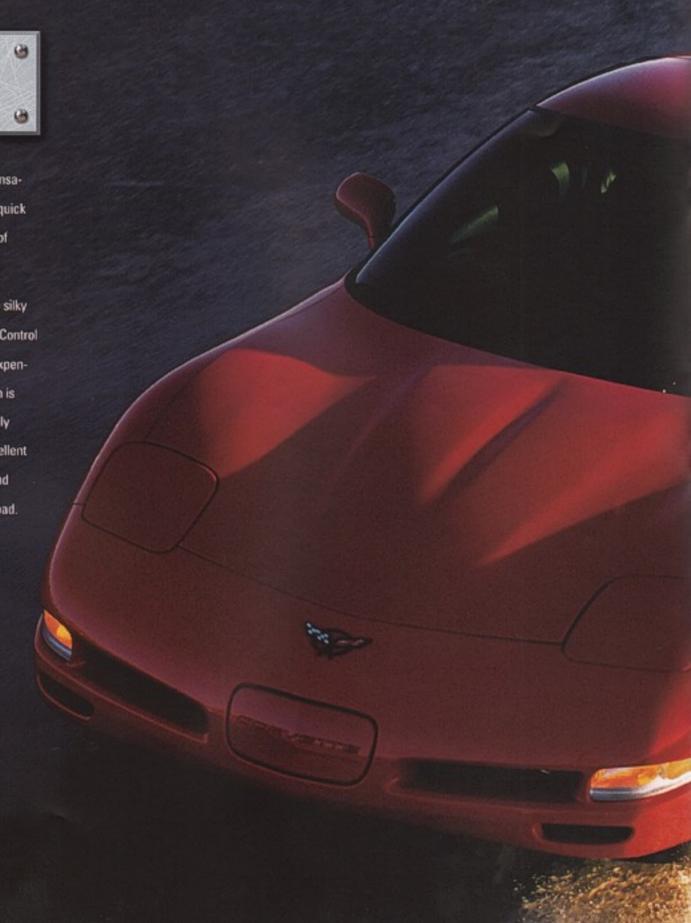


The straight-line performance is sensational. The handling is wonderfully quick and precise. But, it's the new level of refinement that's so intriguing.

Variable-effort Magnasteer and the silky
"drive-by-wire" Electronic Throttle Control
give Corvette the character of an expensive European GT. The clutch action is
light and precise. And, a dramatically
low cowl and hoodline provide excellent
visibility, a feeling of total control and
a new sense of oneness with the road.

The attitude is smooth and refined.

And then you put your foot down.







Step inside — over that dramatically lower rocker panel, by the way — and you'll find an interior that is designed around you.

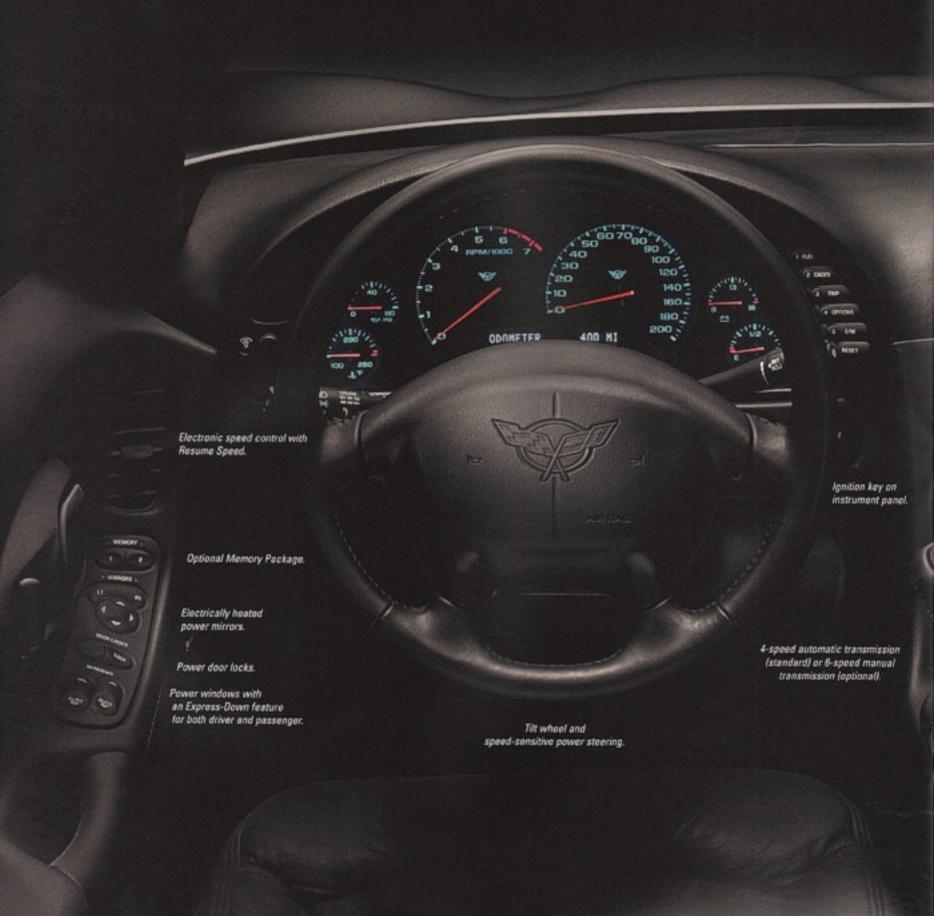
There's considerably more room for you and your passenger, especially in the footwells. The view of the road is terrific, thanks to the low cowl and generous glass area, and newly contoured seats (standard or optional Sport with inflatable lumbar support) provide a level of comfort that's better than ever.

There has never been a more elegant
Corvette interior. Nuance leather seating
surfaces add luxury and classic style.
Of course, there are power controls for
driver's seat, windows (with ExpressDown feature), doors and mirrors.

The quiet, refined, luxurious sports car interior. Oxymoron? Not in a Corvette.











The new Corvette communicates with a passion you've never before seen.

Precise new analog gauges include ultraviolet or "black light" illumination.

With this innovative technology, two ultraviolet lights in the instrument panel illuminate the graphics, for very defined and dramatic lighting.

Location for every control was carefully chosen and the controls themselves — based on a soft-touch technology — feature contoured surfaces with appealing tactile and graphic qualities.

An alpha-numeric Driver Information

Center is positioned below the gauge
cluster. The DIC includes readouts for oil
pressure, oil temperature, coolant temperature, transmission fluid temperature,
battery volts, instant/average MPG and
range, tire pressure and much more.

The DIC is capable of displaying that information in any of four languages (English, German, French or Spanish). The driver can also choose to have information in either English or metric units. This Corvette just might be the most intelligent car you've ever driven.





# WE PUT A LOT MORE INTO CORVETTE THIS YEAR. YOU CAN, TOO.

This is the best equipped Corvette ever.

You'll love the way it performs, and, just as important, you'll love the thoughtful design features and luxurious details.

Now standard in every Corvette: a unique programmable Remote Function Actuation system, conveniently located cup holder and console storage, and a lighted and lockable glove compartment.

Trunk room is more than 24 cubic feet —
more than in some full-size sedans! In a '97
Corvette, you can easily carry two large
bags of golf clubs, and the reach-over distance has been shortened to make the trunk
easier to access.

In product clinics, people told us everything they wanted in a sports car. They told us how they used their sports cars. We listened carefully. And we built a better Corvette.

The optional Memory Package allows the Corvette driver to customize up to three different settings for exterior mirrors, radio presets, climate control and driver's seat positions. Great for households with more than one person who likes to drive the Corvette.

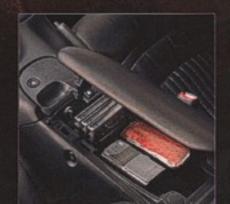
Safety belt buckles "travel" with the sest, so you don't have to search for them after adjusting the seat. Very convenient! And, seat travel has been increased to accommodate a greater range of adults.

A padded center armrest, a cup holder and lockable storage area with room for CDs, cassettes, portable phones, etc., are featured in the center-console area. An auxiliary power outlet is also included.

The one-piece removable top leatures a magnesium frame, which helps make the top lighter and easier to remove. Latches are easy to use, and no special tool is required.











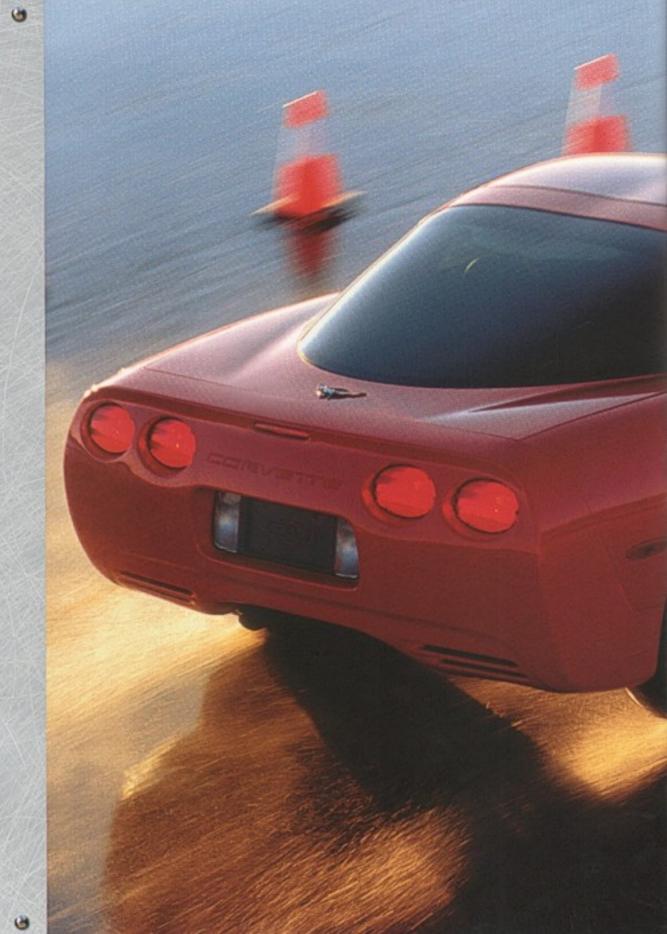
# A COMPREHENSIVE SAFETY PACKAGE IS STANDARD EQUIPMENT IN THE NEW CORVETTE.

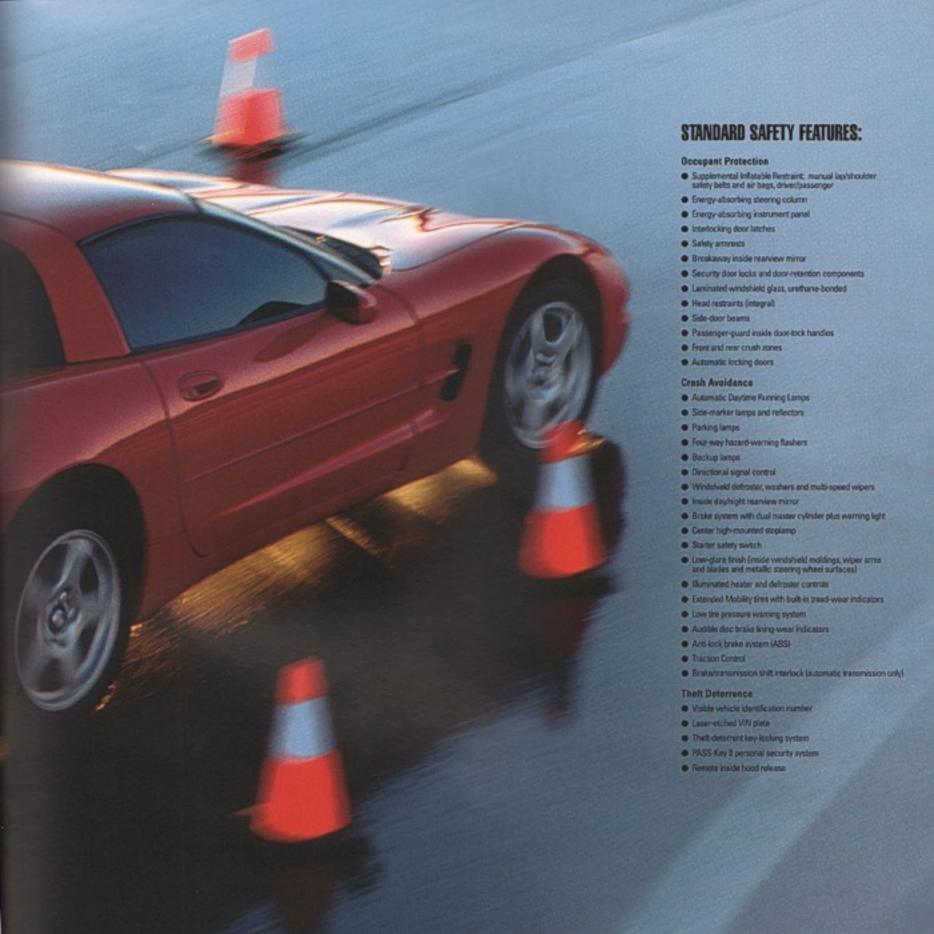
Excellence in design. You'll see it in every aspect of the new Corvette, including the most comprehensive standard safety package in Corvette history.

Crash-avoidance features include standard ABS, automatic Daytime Running Lamps integrated with the parking lamps, and headlamps with more precisely tuned optics than conventional designs.

Occupant protection features include a new high-strength perimeter frame, doors with side-impact bars and energyabsorbing materials, cross-car structural beams and a steel safety cage.

Advanced safety design. It's one more way Corvette showcases American technology.









# CORVETTE STANDARDS AND OPTIONS.

| Exterior  |  |     | Power Team/Chassis/Mechanical                          |     |
|---|--|-----|--|-----|
| Cearcost paint  | s  |     | 5.7 Liter LS1 VB engine with Sequential Fuel Injection |     |
| Corresion-proof body panels   | S  |     | 4-speed automatic transmission                         | . 5 |
| Body-side moldings  | 0  |     | 6-speed manual transmission                            |     |
| Dual electric remote-control heated sport mirrors                         | S ZS1 Performance Handling Package               |     | ZS1 Performance Handling Package                       |     |
| Dual halogen foglamps   | 0  |     | F45 Selective Real Time Damping                        |     |
| One-piece removable roof panel  | S  | 0   | Four-wheel anti-lock disc brake system (ABS)           | 1   |
| Retractable halogen headlamps   | S  |     | Fully independent suspension with transverse springs   | . 5 |
| Solar-tinted and flush-mounted glass                                      | S Limited slip differential                      |     | 0.5  |     |
| Translucent removable roof panel  | Power rack-and-pinion steering (speed-sensitive) |     |  |     |
| Roof package with translucent and solid roof panels                       | 0  |     | Power steering cooler                                  | 5   |
| Interior  |  |     | Traction Control                                       |     |
| Air bags (driver and passenger)   | s  |     | Aluminized stainless-steel exhaust system              |     |
| Air conditioning  | s  |     | Wheels   |     |
| Air conditioning (dual-zone with electronic control)                      | 0  |     | 17 x 85' aluminum (hont)                               |     |
| Console, lockable, with integral cup holder                               | 2  |     | 18" x 9.5" aluminum (rear)                             | - 5 |
| Daylnight rearview mirror with integral map light                         |  |     | Tires  |     |
| Electric rear-window delegger   | S  |     | Goodyear Eagle F1 GS Extended-Mobility                 |     |
| Electronic speed control  | S  |     | (P245/45ZR-17 front)<br>(P275/40ZR-18 rear)            |     |
| Headlamps-on reminder   | S  |     | S — Standard O — Optional                              |     |
| Illuminated dual visor mirrors  | S  |     | 3 — Scientific O — Opportun                            |     |
| Instrumentation, electric, analog   | S  | (3) | Exterior Dimensions                                    |     |
| Intermittent windshield wipers  | 5  |     | Wheelbase  | 104 |
| Memory Package ("remembers" outside mirror,                               |  |     | Length (overall)                                       | 179 |
| radio, heater/defrester/air conditioning and                              |  |     | Width (overall)  | 73  |
| driver power seat settings)   | 0  |     | Height   | 47  |
| PASS-Key II theft-deterrent system with horn alarm                        | S  |     | Tread width — front                                    | 62  |
| Power door locks  | 8  |     | Tread width — rear                                     | 62  |
| Power windows with Express-Down feature                                   | S  |     | Interior Dimensions                                    |     |
| Remote Function Actuation system  | S  |     | Headroom   | 37  |
| Scotchgard <sup>TM</sup> Protector<br>(on floor carpeting and floor mats) | S  |     | Legroom  | 42  |
| Seats, leather seating surfaces   | S  |     | Shoulder room  | 55  |
| Seats, Sport, leather seating surfaces                                    | 0  |     | Hip room   | 54  |
| Seat, power driver six-way adjustable                                     | S  |     | Capacities   |     |
| Seat, power passenger six-way adjustable                                  | 0  |     | Passenger capacity                                     | E.  |
| Security shade and cargo net  | 0  |     |  | cu. |
| Tit-Wheel <sup>TM</sup> Adjustable Steering Column                        | S  | -   | Fuel capacity 19.1 c                                   |     |
| Turn signal-on reminder   | S  | 9   | 730, 54,041  | -   |
| Delco Electronics ETR Sound Systems                                       |  |     |  |     |
| Electronically tuned AM/FM stereo   |  |     |  |     |
| with cassette player, Bose speakers<br>and digital clock                  | S  |     |  |     |

0

Electronically tuned AM/FM stored with CD player, Bose speakers and digital clock

12-6isc CD changer

## BUMPER TO BUMPER WARRANTY.

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The GM 3-year/36,000-mile (whichever comes first) limited warranty covers repairs for all 1997 Corvettes, including labor and parts, to correct any defects in material or workmanship occurring during the warranty period. The complete vehicle (including tires) will be covered for 3 years or 36,000 miles (whichever comes first). There is also emissions control system coverage, which varies by geographical region. There is no deductible. See your Chevrolet dealer for full terms of this limited warranty.

## 24-HOUR ROADSIDE ASSISTANCE.

Lost? We'll help you find your way. Locked out?
We'll get you back in your car. Out of gas? We'll
get you gas. Roadside Assistance is provided
through a toll-free number (1-800-CHEV-USA)
24 hours a day, 365 days a year. Roadside
Assistance offers two levels of service, Basic
Care and Courtesy Care.

#### Roadside Basic Care provides:

- Free towing for warranty repairs (to closest dealer)
- . Over-the-phone basic technical advice
- Available dealer services at reasonable costs (i.e., wrecker services, locksmith/key service, glass repair, etc.).

Roadside Basic Care covers you for as long as you own your Corvette.

Roadside Courtesy Care provides all the features of Roadside Basic Care, plus:

- . Free towing (to closest dealer)
- Free locksmith/key service (when keys are lost on the road or locked inside)
- . Free flat tire-change or jump-start service.
- . Free fuel delivery on the road.

Courtesy Care is available to you for a period of 3 years or 36,000 miles (whichever comes first).

## COURTESY TRANSPORTATION.

Customors who purchase or lease a 1997
Corvotte are eligible for Courtesy Transportation
(at no additional charge) when their vehicles
are left at a participating dealership for repairs
covered under the 3-year/36,000-mile Bumper to
Bumper limited warranty. Courtesy Transportation,
at participating dealers only, may include expense
reimbursement, shuttle service or vehicle rental.
See your dealer for details.

#### CUSTOMER ASSISTANCE.

The Chevrolet Customer Assistance Center (CAC) has a special toll-free number (1-800-222-1020). It puts you in contact with Chevrolet experts who can handle any product or service question or problem you may have.

#### **GM PROTECTION PLAN.**

The available GM Protection Plan offers service protection in addition to that provided by GM's New Vehicle Limited Warranty. Ask your dealer about it. Coverage available only in the U.S. and Canada.

#### ENGINES.

Chevrolets are equipped with engines produced by different operating units of GM, its subsidiaries or suppliers to GM worldwide.

### CORROSION PROTECTION.

Chevrolets are designed and built to resist corrosion. Corvettes feature composite outer body panels that will never rust. Application of additional rust-inhibiting materials is not required under the corrosion coverage and none is recommended.

#### ASSEMBLY.

Chevrolets are assembled by different operating units of General Motors, its subsidiaries 
or suppliers to GM worldwide. Chevrolets 
incorporate thousands of components produced by different operating units of GM, its 
subsidiaries or suppliers to GM worldwide.

We sometimes find it necessary to produce Chevrolets with different or differently sourced components than originally scheduled. All such components have been approved for use in Chevrolets and will provide the quality performance associated with the Chevrolet name. Since some options may be unavailable when your vehicle is assembled, we suggest you verify that your vehicle includes the equipment you ordered or, if there are changes, that they are acceptable to you.

## UPDATED SERVICE INFORMATION.

Chevrolet regularly sends its dealers useful service bulletins about Chevrolet products. Chevrolet monitors product performance in the field. We then prepare bulletins for servicing our products better. Now you can get these bulletins, too. Ask your dealer. To get ordering information, call toll free 1-800-551-4123.

#### IMPORTANT: A WORD ABOUT THIS CATALOG.

We have tried to make this catalog as comprehensive and factual as possible. We reserve the right, however, to make changes at any time, without notice, in prices, colors, materials, equipment, specifications, models and availability. Since some information may have been updated since the time of printing, please check with your Chevrolet dealer for complete details.



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Lithe in U.S.A. December 1995



