

1976 Vega

Built to take it.



1976 Vega. A body built to take it.

Any car looks good new. The objective behind our 1976 Vega body program was to give you a car that will look good when it's not so new.

That meant developing a new extensive protection program and giving the 1976 Vega a tough, corrosion-resistant body.

As you'll read below, that's exactly what we've done.

Door corrosion protection.

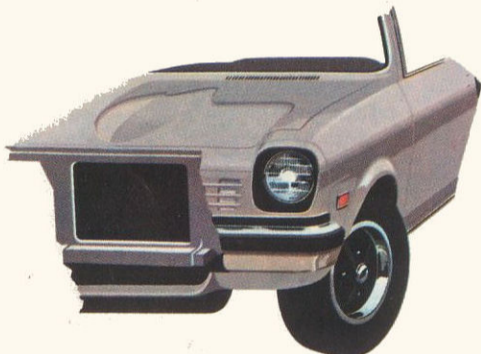
In addition to our normal seals, drains and paint operations, 1976 Vega doors also receive a zinc-rich pre-prime coating on their inner surface. Door edges are plastisol-



sealed to help prevent water entry. An aluminum wax spray is applied to corrosion-prone inner door areas after final painting.

Front-end corrosion protection.

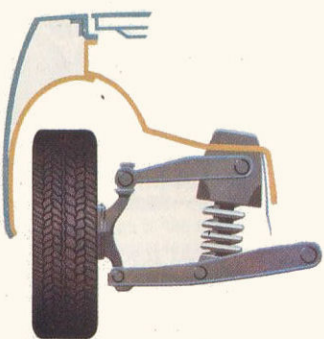
Vega's lower radiator support and front fenders are now zinc-coated steel for a uniform high level of corrosion protection on all inner surfaces. A non-rusting plastisol seal has been added around Vega's hood edges. Vega's upper and lower grille panels and headlight surroundings are now made out of corrosion-resistant material.



Fender protection that's four layers deep.

(1) Vega's plastic inner fender skirt forms a full seal with the side panel. (2) The entire wheelwell area is sprayed with protective mastic. (3) To further fight corrosion, primer is applied to the entire inner fender. (4) The fender itself is constructed of steel that is zinc coated on the inner side for protection, while the non-zinc-coated outer side allows an excellent surface for high quality primer and finish paints.

Any two of these processes



would go a long way toward fighting fender rusting. The use of all four is Vega's tough approach to fender protection.



Little touches to prevent "bleeding."

To keep Vega's body looking good, corrosion-resistant plastic clips are now used to install the window moldings.

A zinc-rich pre-prime is applied to the inner body surfaces immediately in front of the windshield.

Drain holes have been added to the windshield wiper depressions.



There's an anti-corrosion wax spray on top of the primer and body paint around the windshield's flanged edges.

An expandable sealer has been installed between the rear quarter panel and the wheel-housing panel.

Rocker panels are galvanized steel.

All this additional protection is aimed at helping to seal the body against corrosive agents, inside and out. All in all, it gives the 1976 Vega a rugged, corrosion-resistant body.

Exterior/interior features.

- Exterior colors: antique white, silver, black, light blue*, dark blue*, firehorn*, mahogany*, lime green*, cream, bright yellow, medium saddle*, medium orange, dark green*, buckskin. (*metallic)

- Flow-through power ventilation system. It keeps outside air circulating inside (with ignition on), even when car is stopped and windows are closed
- Built-in heater and defroster system

- Front door armrests with integral door pull handles; map pocket in left-hand door
- Left-hand (also right-hand in Estate) front door jamb light switch

- Floor-mounted transmission shift console
- Two color-keyed coat hooks
- Center dome light
- Ashtray, cigarette lighter
- Stowage compartment in instrument panel
- Passenger-area floor carpeting
- Load compartment floor carpeting in Wagons
- Full foam seats. Bucket type in front. Bench type in rear (folding, except in Sport Coupe).

The size inside.

(Sport Coupe): Head room—front, 38.4"; rear, 39.4" • Hip room—front, 46.9"; rear, 42.5" • Shoulder room—front, 51.3"; rear, 49.2" • Leg room—front, 42.8"; rear, 28.9" • Usable luggage space—8.7 cu. ft.

(Hatchback): Head room—front, 37.0"; rear, 37.1" • Hip room—front, 47.2"; rear, 42.5" • Shoulder room—front, 51.3"; rear, 49.2" • Leg room—front, 42.8"; rear, 29.7" • Usable luggage space with rear seat in upright position—9.3 cu. ft.; with rear seat folded down—18.9 cu. ft.

(Wagon): Head room—front, 38.5"; rear, 38.3" • Hip room—front, 46.9"; rear, 42.5" • Shoulder room—front, 51.3"; rear, 49.2" • Leg room—front, 42.8"; rear, 30.1" • Usable luggage space with rear seat in upright position—24.8 cu. ft.; with rear seat folded down—46.6 cu. ft. • Cargo length at floor behind front seat—65.3" • Cargo width between wheel-housings—42.5" • Maximum cargo height—28.6" • Rear opening height—25.7" • Rear loading height from ground—22.7".

The size outside.

- Wheelbase: 97.0"
- Overall length: 175.4"
- Overall width: 65.4"
- Loaded height: (Sport Coupe and Wagon) 51.8"; (Hatchback) 50.0"
- Tread: front—54.8"; rear—53.6"
- Rated fuel capacity: 16 gals.

Copyright 1975, Chevrolet Motor Division, General Motors Corporation. Many Options and Custom Features are available for Vega. Some are illustrated or described in this catalog.

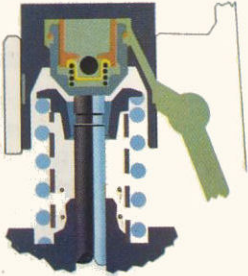
1976 Vega. An engine built to take it.

The heart of any car is its engine. It should deliver good efficiency and durability.

The 1976 Vega Dura-Built 140 engine is so good it's backed up by a 5-year or 60,000-mile guarantee.

Read about the Vega Dura-Built 140 engine. Then read its engine guarantee.

We think you'll agree—the 1976 Vega has a rugged, durable engine.



New hydraulic valve lifters.

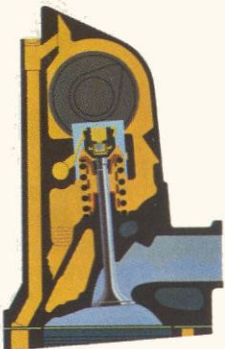
1976 Vega, Dura-Built 140 engine features hydraulic valve lifters, similar in operation to those used in V8 engines, but unusual in their application in a direct overhead-cam engine. Hydraulic valve lifters deliver quieter engine operation, and call for no adjustments as mechanical lifters would require.

Now your oil can take better care of your engine.

To eliminate the collection of engine oil around the valve stem seats, the '76 Vega Dura-Built 140 has separate passages for crankcase ventilation and oil return. There's also an oil drain designed to lower the level of oil collection in the engine head.

What this means in terms of

benefits are good oil circulation and long engine life.



The durable piston.

1976 Vega alloy aluminum pistons are coated with enough iron to make the Vega 140 engine a durable engine in terms of piston wear characteristics. Coupled with Vega's silicon-surface cylinder walls, this piston should also eliminate problems of bore compatibility and bore scuff.

Vega's 5-year, 60,000-mile, limited engine warranty.

This 5-year, 60,000-mile engine guarantee is an added value feature included in your 1976 Vega car.

Chevrolet Motor Division, General Motors Corporation, guarantees to the owner of the 1976 Vega equipped with a Chevrolet 140-Cubic-Inch 4-Cylinder Engine that any authorized Chevrolet dealer will make repairs without charge to the owner on those engine parts listed below made necessary because of defects in material or workmanship. Repairs will be made within a reasonable time after delivery of the vehicle to a Chevrolet dealer at its place of business. This guarantee shall remain in effect until the Vehicle has accumulated 5 years or 60,000 miles of use, whichever first occurs, from the date of delivery to the first retail purchaser or date first placed in service as a demonstrator or company car, whichever is earlier.

This guarantee applies to the cylinder block, cylinder heads, all internal engine parts, intake and exhaust manifolds and water pump.

This guarantee in no way limits the terms of the Chevrolet New Vehicle Warranty.

This guarantee does not cover: (1) Repairs

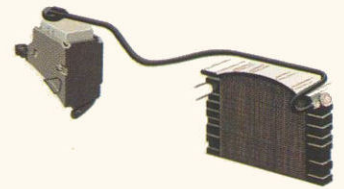
required because of misuse, negligence, alteration, accident, lack of reasonable and proper maintenance or replacement of maintenance items (such as spark plugs, positive crankcase ventilation valves, filters) made in connection with normal maintenance services; (2) Loss of time, inconvenience, loss of use of the Vehicle or other matters not specifically included; (3) Any repairs if the Vehicle is registered and normally operated outside the United States or Canada or if the Vehicle's odometer is altered so that actual mileage cannot be determined.

Chevrolet does not authorize any person to create for it any other obligation or liability in connection with the Chevrolet 140-Cubic-Inch 4-Cylinder Engine parts covered by this guarantee.

ANY IMPLIED WARRANTY APPLICABLE TO THESE ENGINE PARTS IS LIMITED IN DURATION TO THE DURATION OF THIS WRITTEN GUARANTEE. CHEVROLET SHALL NOT BE LIABLE FOR CONSEQUENTIAL COMMERCIAL DAMAGES RESULTING FROM BREACH OF THIS GUARANTEE OR ANY IMPLIED WARRANTY.

The reliable cooling system.

It's essential that any engine's cooling system effectively maintain proper engine operating temperature and incorporate an adequate warning system in case of problems.



The Vega 140 engine's coolant recovery bottle collects coolant and returns it to the system, thus helping to prevent coolant loss and overheating.

Additional sealers, an improved engine head gasket, water pump shields, and other refinements over previous designs have been made to increase the overall reliability of Vega's Dura-Built 140 cooling system.

For added protection, a coolant-level sensing device is used in the 1976 Vega. An "Add Coolant" light in the instrument panel will flash when the system is 1/2 to 1 1/2 quarts low. The light remains on continually if the system is over 1 1/2 quarts low.



Engines and transmissions.

- The Cosworth 122 aluminum 4-cylinder engine was initially developed by Cosworth Engineering of England. It makes use of sophisticated developments like twin overhead camshafts operating 16 valves, and electronic fuel injection in place

of a regular carburetor. It has mechanical valve lifters and develops 110 horsepower at 5600 rpm and a torque of 107 lb./ft. at 4800 rpm.

For '76, the engine's standard 4-Speed manual transmission has a new, lightweight aluminum case to help hold down overall Cosworth Vega weight.

- A 5-Speed manual transmission can be ordered with available 140 2-barrel or Cosworth's 122 twin overhead-cam engine
- Vega's self-contained air filter won't need replacement for 50,000 miles, under normal driving conditions
- Delcotron generator
- Vega's new Delco Freedom battery needs no refill.

Power teams.

Engine	Power Rating	Engine Usage	Transmission	Rear Axle Ratio (:1)		
				Std.	High Altitude Avail.	
Dura-Built 140-1 barrel Four	70	Std. (1)	3-Speed Manual	Std.	2.92	—
			4-Speed Manual	Avail.	2.92	—
			Turbo Hydra-matic	Avail.	2.92	—
Dura-Built 140-2 barrel Four	84*	Avail. (2)	3-Speed Manual	Std.	2.92	—
			4-Speed Manual	Avail.	2.92	—
			5-Speed Manual	Avail.	2.93	—
122-EFI Twin Cam Four**	110	Avail. (2)	Turbo Hydra-matic	Avail.	2.92	3.42 (1)
			4-Speed Manual	Std.	3.73	—
			5-Speed Manual	Avail.	4.10	—

*79 hp rating in California.

**Available on Cosworth Vega Hatchback Coupe only.

(1) NOT AVAILABLE IN CALIFORNIA.

(2) California Emission Equipment required in California.

Axle Ratio Definition:

Standard Axle Ratio—General purpose numerical axle ratio selected for best overall balance of performance and economy under normal driving conditions with each power team.

High Altitude Axle Ratio—Moderately higher numerical ratio than standard axle for improved overall performance in relatively hilly or high altitude areas.

Note: Positraction rear axle available in all axle ratios.

1976 Vega. A chassis built to take it.

A tough approach doesn't end with the body and engine. It translates clear down to the chassis.

Here, too, the 1976 Vega is built to take it. Vega's new braking system features a noise-dampening resilient coating, and a new proportion valve that helps balance out the braking forces among all four wheels, for responsive braking performance.

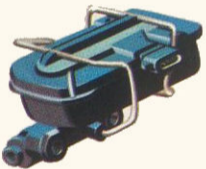
"Bottoming out" ground clearance has been increased by nearly one-half inch over last year's models, to improve driving characteristics on rough roads. That kind of engineering, coupled with the other items spelled out on this page, makes Vega built to take it from the ground up.

Refined disc/drum brakes.

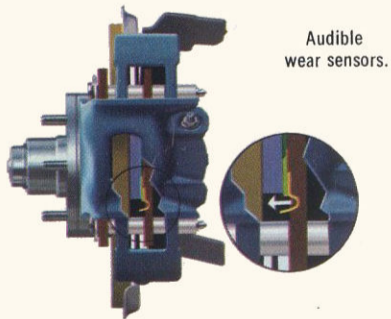
Vega's front disc/rear drum brake system has been significantly refined for 1976. Front discs feature a new special organo-metallic pad material that's not only long lasting, but contributes to fade resistance. New larger rear drum brakes, increased from 9" x 1½" to 9½" x 2", add up to greater braking surface and greater durability, too.

Dual master cylinder brake system with warning light.

This system incorporates separate circuits for the front disc brakes



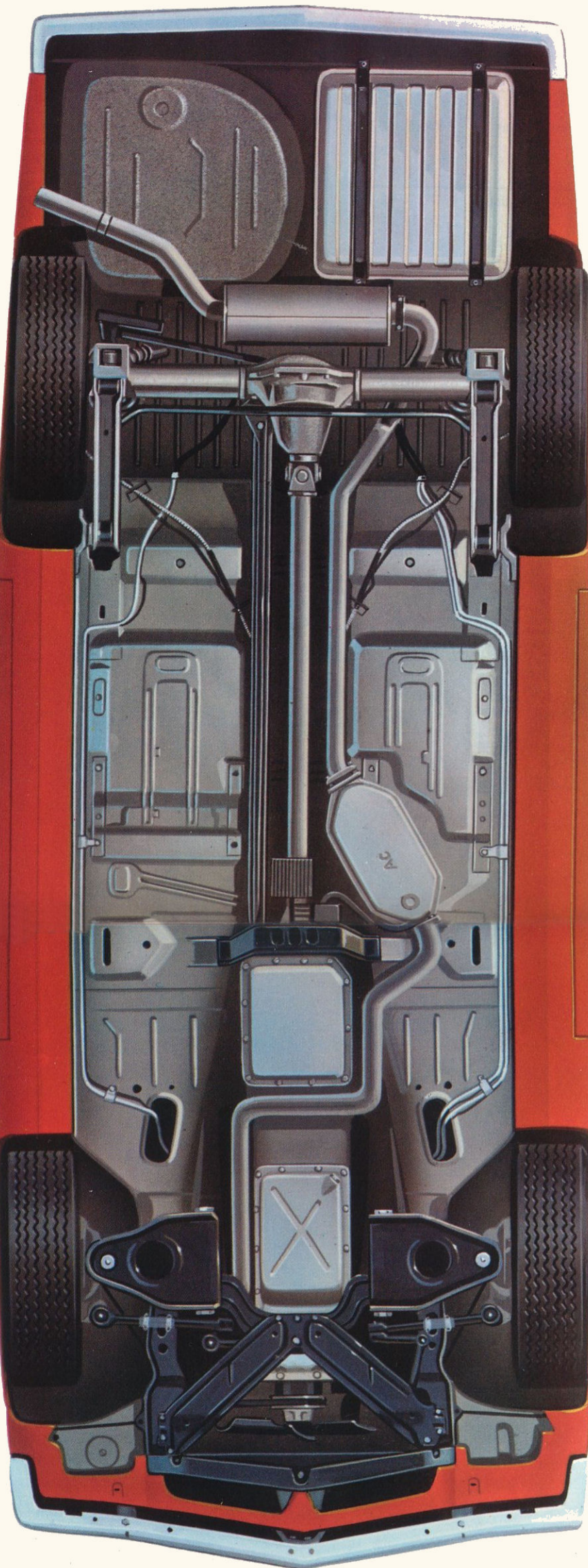
and the rear drum brakes. A warning light on the instrument panel helps warn of malfunctions in the hydraulic system. Front disc brake audible wear sensors and disc brake splash shields help reduce major maintenance.



Audible wear sensors.

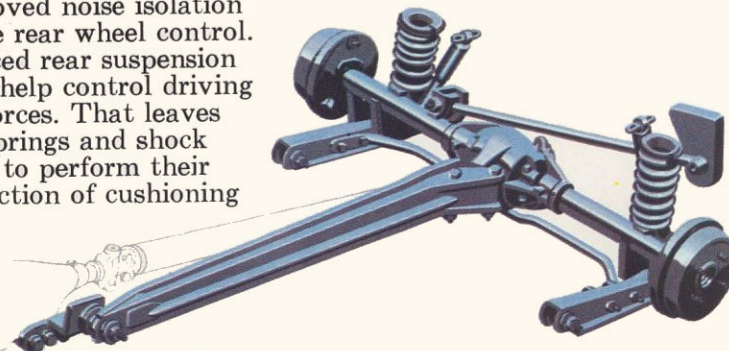
A lot of other solid features, too.

- Tunnel-mounted parking brake with warning light on instrument panel.
- Electric fuel pump in gas tank. Cut-off switch stops fuel flow when engine oil pressure drops below safe limit.
- Unleaded fuel filler neck and cap.
- Cross-flow radiator.
- Power-Beam headlights.
- Permanently lubricated universal joints.
- Water pump with aluminum housing.
- Low, wide stance.
- Balanced wheels and tires.



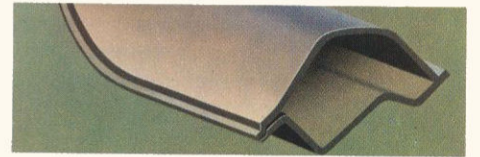
New torque arm suspension.

Vega's new rear suspension provides improved noise isolation and impressive rear wheel control. This advanced rear suspension is designed to help control driving and braking forces. That leaves the rear coil springs and shock absorbers free to perform their important function of cushioning your ride.



New front crossmember.

Vega's front crossmember is a new box-section design that contributes to structural rigidity. The 1976 Vega chassis also has new spring support security bolts and rivets designed to take punishment.



To help you save money.

- High Energy Ignition delivers to spark plugs a spark that is up to 85% hotter than with conventional systems, which means responsive ignition performance; Catalytic Converter—takes over most of the emissions control so engines can be tuned for smooth, responsive, efficient performance
- Long intervals between recommended service help save you money as you operate a '76 Vega.

Extended Service Intervals		
	1976	Before 1975
Spark plugs	22,500 miles	6000 miles
Engine oil	6 months or 7500 miles	4 months or 6000 miles
Oil filter	First 7500 miles; then every 15,000 miles	First 6000 miles; then every 12,000 miles
Chassis lubrication	6 months or 7500 miles	4 months or 6000 miles
Transmission fluid	60,000 miles	24,000 miles
Air cleaner	50,000 miles	50,000 miles

Check complete details in the Owner's Manual.

For your driving pleasure.

- Unitized body structure
- Bolt-on front fenders
- Full Coil suspension with computer-selected springs
- Manual recirculating ball steering
- Standard steel wheels: 13" x 5". For GT: steel, 13" x 6". For Cosworth Vega: cast aluminum, 13" x 6".

For your safety & security.

Occupant protection.

- Seat belts with pushbutton buckles for all passenger positions.
- Two combination seat and inertia reel shoulder belts for driver and front passenger (with reminder light and buzzer).
- Energy-absorbing steering column.
- Safety steering wheel.
- Passenger-guard door locks.
- Safety door latches and hinges.
- Folding seat back latches.
- Energy-absorbing padded instrument panel and front seat back tops.
- Contoured windshield header.
- Thick-laminate windshield.
- Safety armrests.
- Cargo guard (Sport Coupe).
- Contoured roof inner panel.

Anti-theft.

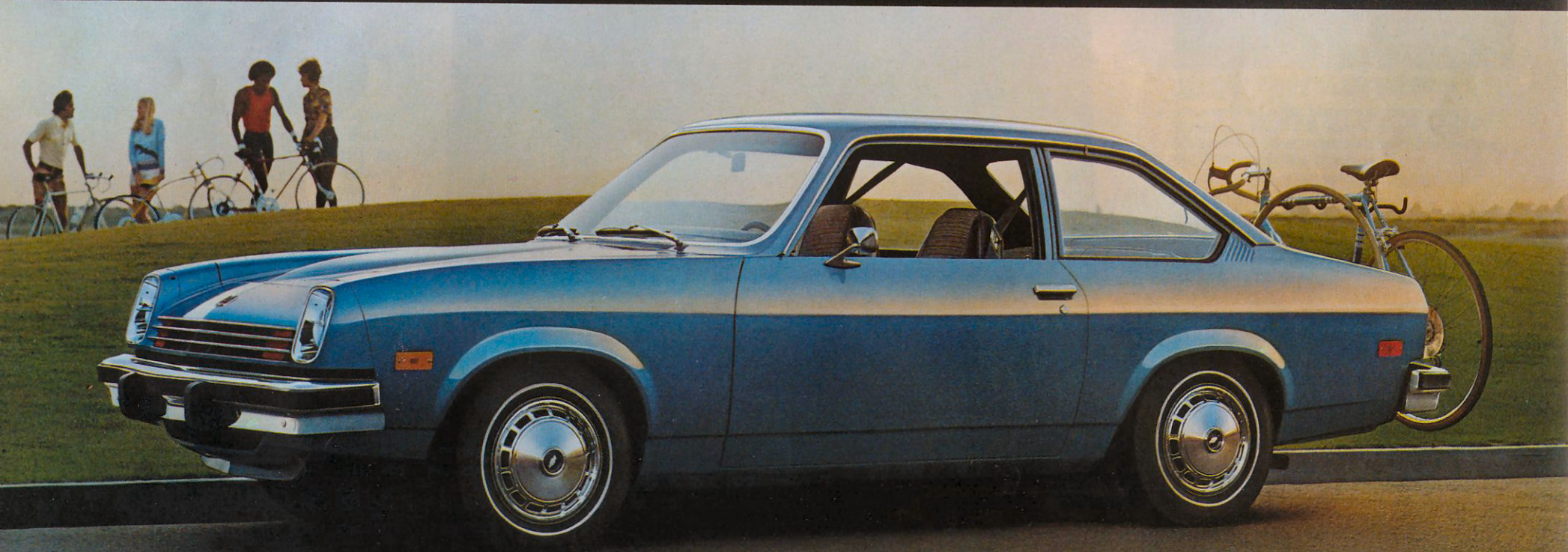
- Ignition key reminder buzzer.
- Steering column lock.

Accident prevention.

- Side marker lights and reflectors.
- Parking lights that illuminate with headlights.
- Four-way hazard warning flasher.
- Lane-change feature in direction signal control.
- Back-up lights.
- Windshield defrosters, washers and dual-speed wipers.
- Wide-view inside mirror (vinyl-edged, shatter-resistant glass and deflecting support).
- Outside rearview mirror.
- Dual master cylinder brake system with warning light.
- Starter safety switch.



Vega Hatchback Coupe Shown with available deluxe bumpers, full wheel covers and white stripe tires.



Vega Sport Coupe Shown with available bumper guards, deluxe bumpers, full wheel covers and white stripe tires.



Vega GT Shown with available swing-out rear quarter windows, bumper guards, deluxe bumpers and white letter steel-belted radial tires.



Cosworth Vega

1976 Vega. A car built to take it.

Right here we've put it all together. Vega's rugged engine, body, chassis, and cooling and braking systems all support Vega's exterior and interior.

You've seen some car exteriors on the preceding pages. Later on, we'll show you some wagon exteriors.

Right now, consider the interior of a 1976 Vega. Examine the standard cloth-and-vinyl upholstery shown below, and available Custom Interior shown at the bottom. Consider the range of available options you can select, including a Comfortilt steering wheel and an AM or AM/FM radio. And be apprised that all

that ruggedness you read about earlier comes in a lot of different ways.

It starts with Vega Sport Coupe, the lowest priced Vega. The Sport Coupe has a new grille panel and moldings, added brightwork and molding accents, and new parking lights behind the grille.

Then there's the Vega Hatchback, the car you can use sort of like a wagon, thanks to the flip-up hatch that makes it easy to carry bulky items.

The Hatchback also comes in a GT package; the exterior is shown on the preceding page.

The GT package includes a sport suspension; special GT

wheels with white letter tires; wheel trim rings; black body side lower moldings; dual sport mirrors (left-hand remote control); black rocker panels; special instrument panel with tachometer, temperature gauge, voltmeter, clock and simulated wood-grain trim; sport steering wheel and adjustable driver's seat back.

Finally, there's the Cosworth Vega. Beneath a sleek black paint job with gold pinstriping lurks the Cosworth engine—a four-cylinder twin-cam aluminum engine with 16 valves and electronic fuel injection. Other Cosworth items include special gold-colored aluminum wheels,

body side striping and a "Cosworth Twin Cam" decal on both sides and at the rear, dual sport mirrors (left-hand remote control), steel-belted radial ply tires, gold-colored wheel opening stripes, an end panel stripe and other accents.

The inside of Cosworth is almost equally exciting. There's a choice of black or white Custom Interior, sport steering wheel with "Cosworth" insert, adjustable driver's seat back, a 4-Speed manual transmission, special instrument gauge cluster including an 8000-rpm tachometer, gold-colored accents and more.



- Tachometer, temperature gauge and voltmeter.

GT instrument panel.

- 80 mph in white numbers with metric equivalents in blue.

- Wood-grain vinyl accents.

- Electric clock.

- Assist handle built into instrument panel pad.



- Inside hood release.

- Four-spoke sport steering wheel.

- Available Four-Season air conditioning and AM/FM radio.

- Cigarette-lighter.

Available Custom Interior in sport cloth-and-vinyl.





Estate Wagon Shown with available bumper guards, deluxe bumpers, luggage rack, dual sport mirrors and white stripe tires.



GT Wagon Shown with available bumper guards, deluxe bumpers and luggage rack.



Estate GT Wagon Shown with available bumper guards, deluxe bumpers, luggage rack and white stripe tires (white letter tires are standard with the GT package).



Wagon Shown with available deluxe bumpers, body side moldings, luggage rack, full wheel covers and white stripe tires.

1976 Vega. A wagon built to take it.

If you're interested in a little more utility, the 1976 Vega wagons combine the efficiency of a small car with the space of a small wagon. They have all the traditional and added toughness we told you about in the non-wagon section—plus the convenience of up to 46.6 cubic feet of cargo space.

The Vega Estate Wagon has simulated wood-grain vinyl paneling down the sides and across the tailgate, full wheel covers plus other touches outside.

Inside, the Vega Estate includes Custom Interior seats and trim,

sport steering wheel, adjustable driver's seat back, day-night inside mirror, rear ashtrays.

All Vega parking lights have been recessed into the louvered grille, for a sporty look we think you'll like.

You can pick the Vega Wagon or the Estate Wagon, and dress either up with the sporty GT package. The tailgate on our wagons lifts up and out of the way for convenient loading.

Cut-pile carpeting is standard on all 1976 Vega interiors. Standard Vega interiors come in a choice of two cloth-and-vinyl colors, or

three all-vinyl colors.

In addition, Vega's Custom Interior is available for the Wagon. Seats come in your choice of three sport cloth-and-vinyl colors, or four all-vinyl colors. Custom Interior equipment also includes a deluxe instrument panel pad and assist handle, load floor carpeting, an inside day-night rearview mirror, front passenger seat adjuster, hood insulator and Vega's available acoustic package.

Every Vega wagon model comes with room for four, just like the other Vegas do. It's especially convenient for wagon families

not ready for, or inclined toward, a larger Chevrolet wagon.

And when you need the cargo room, simply fold the rear seat forward and load away.

Pick your Vega model from this catalog and equip it the way you want it.

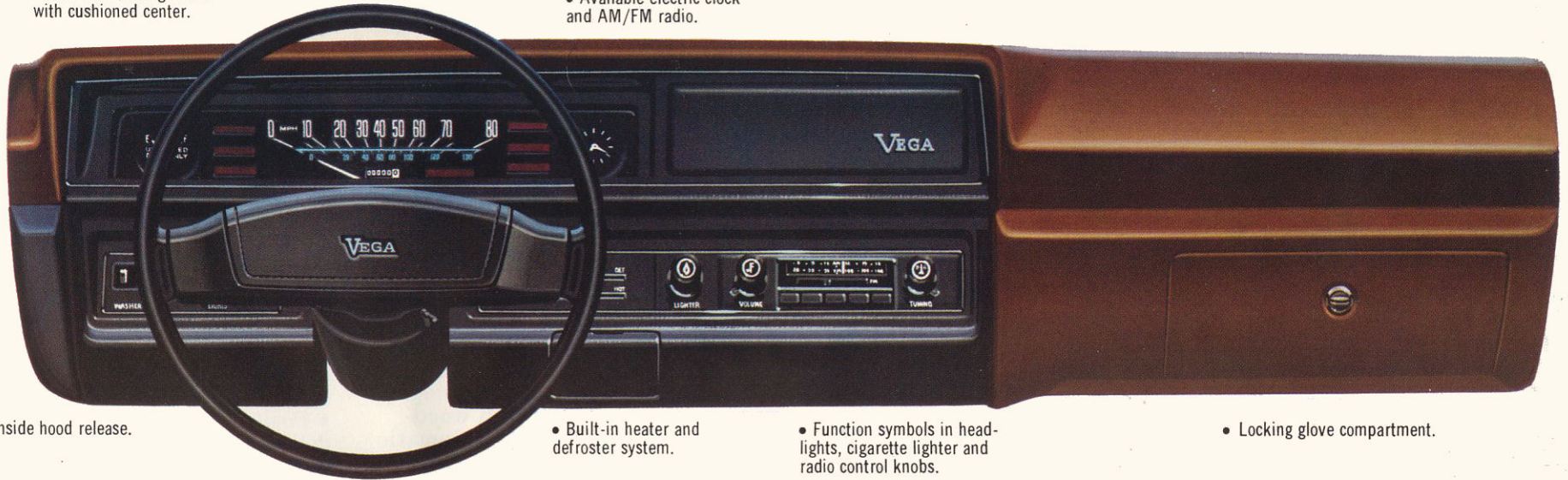
Then see your Chevy dealer and test-drive a 1976 Vega.

With all the new and traditional value we've put into this year's Vegas, you'll find it's a great year at Chevrolet.

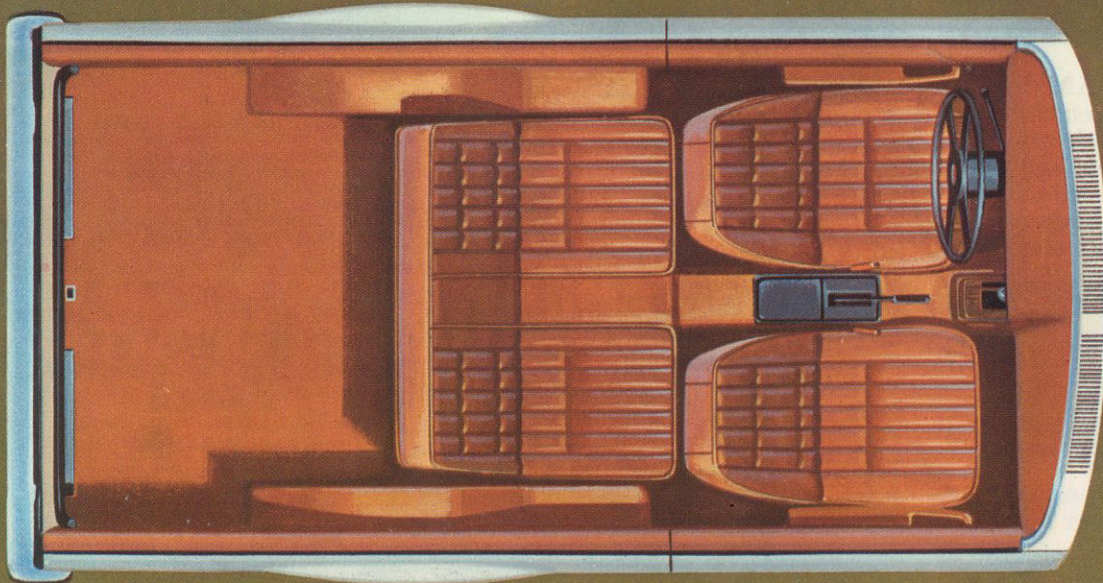


Vega instrument panel.

- Soft-rim steering wheel with cushioned center.
- 80 mph in white numbers, with metric equivalents in blue.
- Available electric clock and AM/FM radio.



- Inside hood release.
- Built-in heater and defroster system.
- Function symbols in headlights, cigarette lighter and radio control knobs.
- Locking glove compartment.



Four-passenger seating, along with cargo space behind.

Counterbalanced liftgate.



46.6 cubic feet of cargo space with rear seat down.

What you can add.

Availability of these options often depends on the model and other equipment selected. Your Chevrolet dealer can answer specific questions.

For comfort and convenience.

- Variable-ratio power steering
- Power brakes (except on Cosworth Vega)
- Four-Season air conditioning. Easy-to-operate controls for heating, cooling, defrosting or defogging, plus bi-level setting for warm air at interior's lower level, cool air at upper level
- Special instrumentation (tachometer, voltmeter, temperature gauge, plus electric clock). Included in GT and with Cosworth Vega
- Vega's new Sky Roof has tinted reflectorized glass that



slides open to give you an open-sky effect in any weather • Quiet Sound Group. Additional insulation of passenger area against sound • Adjustable driver's seat back (included in GTs, Estate and Cosworth Vega).



- Electro-Clear rear window defogger plus larger generator
- Rear window air deflector for Wagons
- Swing-out rear side windows (not available with

Wagons) • Tinted glass. Windshield and all windows • Auxiliary Lighting. Includes underhood light, glove compartment light, rear compartment light (Wagons only), headlight reminder buzzer and right-hand door jamb light switch • Day-night inside rearview mirror (included with Custom Interior and Estate).



- Dual sport mirrors. Left-hand remote control (standard with GTs, in black only on Cosworth Vega).

Match car's exterior color • Visor vanity mirror • Electric clock (only with special instrumentation and on GTs) • Radios are Delco-designed for your new Vega.



Select from AM radio, AM/FM radio and AM/FM stereo radio. All stereo systems include an auxiliary speaker. All factory-installed radios include windshield antennas • Rear seat speaker (included with stereo systems).

- Comfortilt steering wheel. Adjusts to six different positions
- Locking gas tank filler cap
- Roof luggage carrier for Wagons and Hatchback models
- Rear seat shoulder belts.

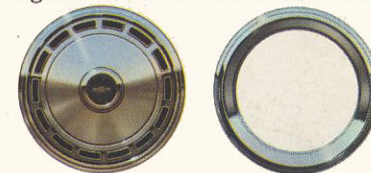


For appearance.

- GT equipment for Hatchback and Wagons • Body side moldings with vinyl inserts. (Not available on Estate or Cosworth Vega)
- GT sport stripes. Available only on GTs
- Body side stripes. Available only on Cosworth Vega
- Custom Interior on Vega Hatchback and Vega Wagon: choice of sport cloth-and-vinyl in black, buckskin or firethorn; or all-vinyl in black, buckskin, firethorn or white. Includes special contoured front bucket seats, soft door trim with map pocket, deluxe instrument panel pad and integral assist handle, load-floor carpeting (standard on Wagon), inside day-night mirror, mini-console with wood-grain vinyl applique for automatic transmission, manual transmission control chrome trim plate, rear ashtrays, hood insulation, right-hand door jamb light switch, acoustic package, passenger-seat adjuster on Sport Coupe • Deluxe color-keyed seat and shoulder belts. (Not available with black interior) • Color-keyed floor mats
- Custom Exterior (for Vega Hatchback, Vega Sport Coupe and Vega Wagon only) includes black body side lower moldings, bright front and rear wheel opening moldings, black rocker panels, color-keyed outside door handle inserts, bright belt reveal moldings (Hatchback only) • Door edge guards. Not available on Estate
- Front and rear deluxe bumpers with impact strips; also, front bumper guards. Standard on Cosworth Vega
- White stripe bias-ply and bias belted ply tires
- GM-Specification steel-belted radial ply tires—black, white stripe or white letter • Wheel

opening moldings (included with Custom Exterior, GTs and Estate)

- Wheel covers (included on Estate Wagon. Not available with GTs



or Cosworth Vega).

- Wheel trim rings (standard with GTs, not available on Estate or Cosworth Vega)
- Rally II wheels (included with GTs)
- Sport steering wheel (included with GTs, Estate and Cosworth Vega).

Mechanical items.

- Available rear axle: High-altitude
- Positraction. Automatically delivers more torque to the rear wheel that has better traction
- Sport suspension. Included with GTs and Cosworth Vega
- Trailer hitch • Trailer wiring harness
- Heavy-duty battery
- Heavy-duty radiator (standard on Cosworth Vega).



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Chevrolet salutes America's Bicentennial as a sponsor of the U.S. Olympic Team.

