

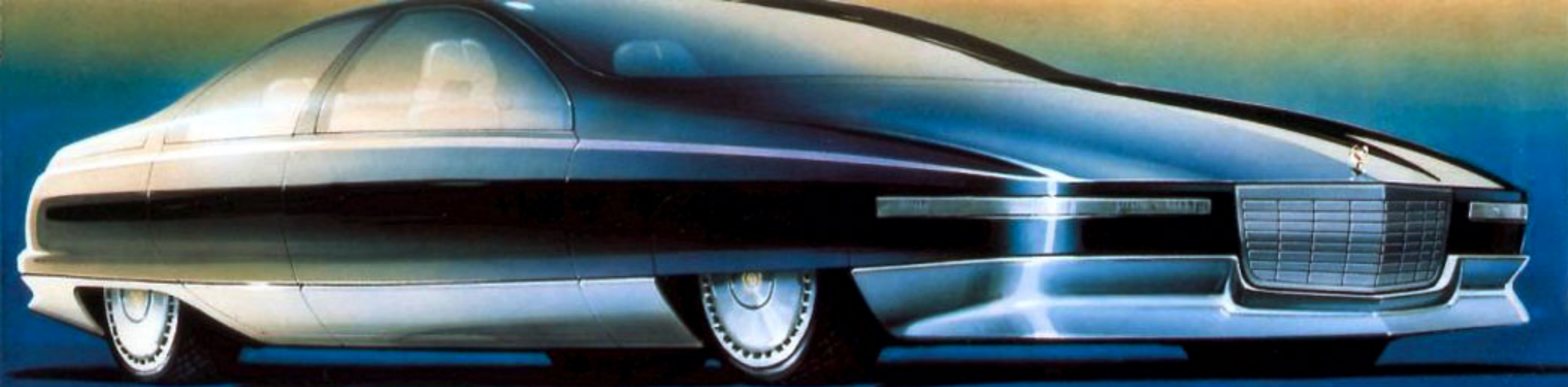


Cadillac

C O N C E P T C A R



A Spirited Look Toward the Future ...



Shown in black pearl with lower body in hand-finished gray-coated aluminum

The Spirit of Cadillac Moves Boldly Ahead

Since 1903, the name Cadillac has signified leadership in well-designed automobiles renowned for comfort, convenience and ultimate luxury. This heritage of excellence is already being shaped for the future by the advanced technology and design of Voyage, Cadillac's newest concept car.

Voyagé is more than a stylist's dream come true. It is a functional, working prototype where many of Cadillac's newest concepts in aerodynamic design, performance, handling, comfort, and convenience are being researched and developed on a continuing basis. Voyage is really a four-passenger test platform that is allowing Cadillac engineers to more quickly develop and incorporate new features into the automobiles that Cadillac owners may be driving in the years ahead.

These "bullet-type" vehicles may travel on computer-controlled superhighways with speeds of 180 MPH — where driving 65 MPH might be considered the *minimum* safe driving speed!

Aerodynamic Design

At higher speeds, aerodynamics are vitally important for stability and fuel economy. Voyage achieves a .28 coefficient of drag, making it one of the world's most aerodynamic — and uncommonly quiet —

gasoline-powered vehicles. Voyage's moveable front-wheel skirts serve a dual purpose. During normal driving, the wheel skirts stay tucked smoothly into the fenders to preserve the clean, aerodynamic lines and low drag. However, when sharp turning maneuvers are required, the wheel skirts extend out to allow full wheel turning.

The upper surface of the car, from the base of the windshield to the bottom of the taillamps, is a continuous piece of smooth, high-impact, tinted glass — which provides both strength and greater all-around visibility. The side window of Voyage is curved and bent — to allow it to serve as both an aerodynamically functional and styled element of the vehicle.

Advanced Safety

At speeds approaching 200 MPH, the ability to see — and be seen from long distances by other drivers — will be very important. Voyage is equipped with high-intensity, light-emitting diode (LED) taillamps and turn signals that provide ample warning to approaching vehicles. Lamps are hidden under the glass and form a continuous strip, broken only in the middle by a rear-vision video camera. The camera is used to alert Voyage's driver to oncoming vehicles by projecting their images on a color monitor located in the instrument panel.

Automatic high-visibility flashers replace reflectors on Voyage. When parked at night, and approached by another vehicle with headlights on, Voyage's flashers automatically activate to alert the driver of another vehicle's presence.

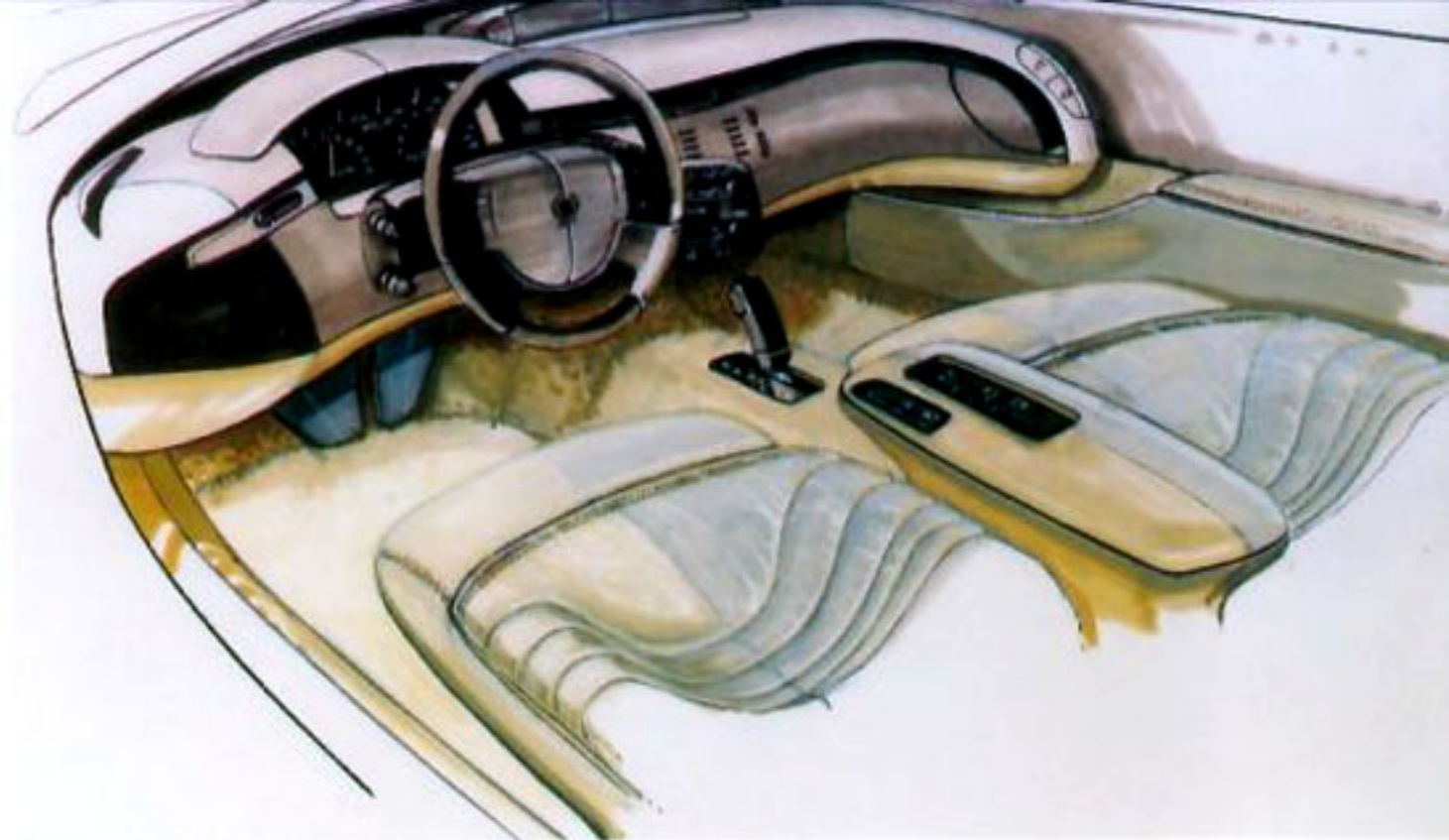
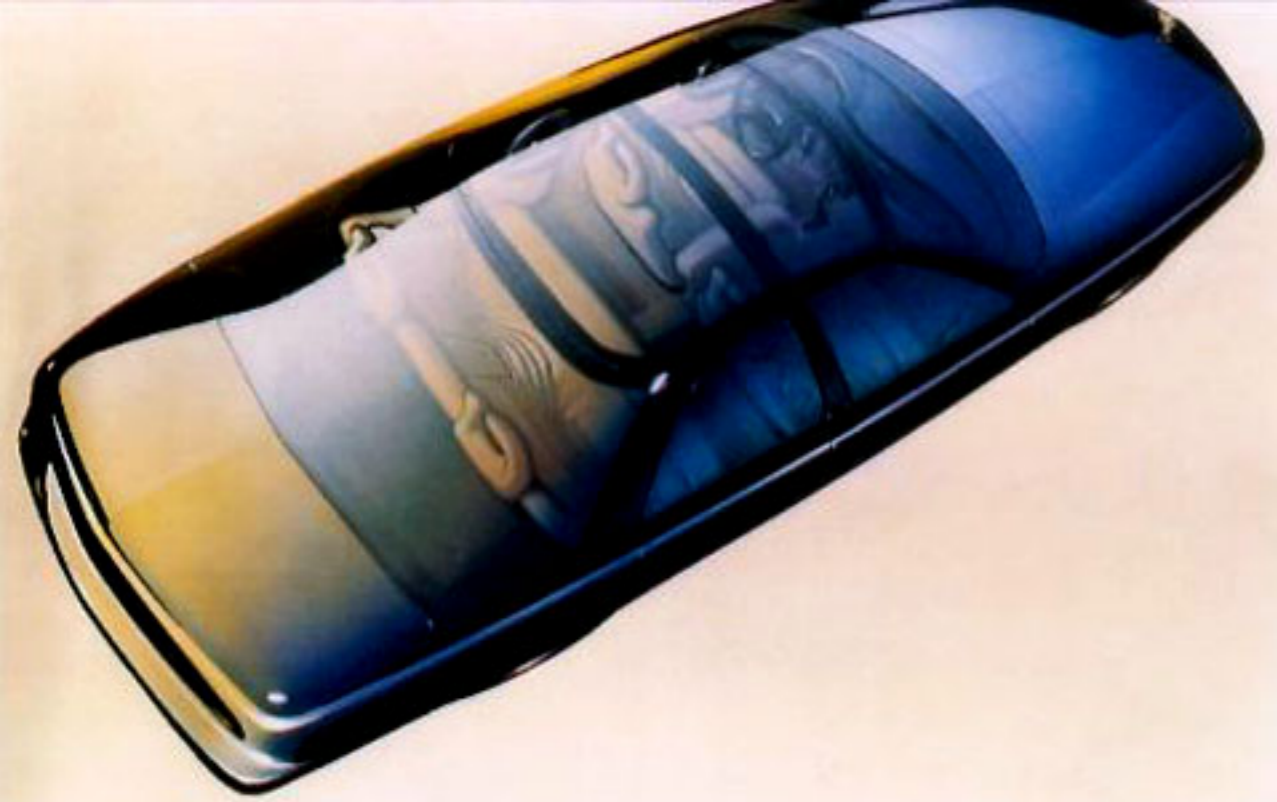
For improved nighttime visibility, electrochromic outside/inside rearview mirrors automatically dim to reduce glare from the headlights of approaching cars.

Windshield wipers are concealed. When needed, the entire wiper mechanism rises on its own elevator. A cover panel opens briefly to allow the wiper arms to extend into operating position. This design provides improved styling and aerodynamic integrity.

Powertrain Performance

Voyagé is powered by a high-performance version of Cadillac's acclaimed 4.5 liter V8 engine, which was introduced on 1988 De Ville, Fleetwood, Eldorado and Seville. Extremely well received by both customers and automotive writers, the new 4.5 liter engine features major modifications for Voyage that significantly increase airflow capacity and compression ratio, while lowering exhaust restriction for freer breathing.

As a result, Voyage's port fuel-injected engine develops nearly double the horsepower (275 HP) and almost a third more torque (330 lbs.-ft.) than the current



Shown in neutral beige leather

VOYAGÉ

production version. This increased power enables sustained 180-MPH cruising speeds. The high-torque output will provide greater acceleration for high-speed passing and will minimize transmission downshifting in normal city driving — for the effortless performance and smoothness that is a Cadillac hallmark.

Voyagé is engineered with a standard all-wheel-drive system and electronic anti-lock braking which are designed for normal driving as well as superhighway cruising. Together, they provide greater driver control and directional stability during cornering maneuvers and stopping. The all-wheel-drive system transfers equal amounts of engine torque from an electronic four-speed automatic transmission to both the front and rear wheels — for sure-footed traction. Front and rear suspensions are fully independent for riding comfort and control. Voyagé's high-speed, racing-type tires feature a wide footprint and an aggressive, one-way tread for stability; they are self-sealing for added puncture protection.

Ultimate Comfort

Contained within the flowing exterior lines of Voyagé are a host of advanced engineering features designed for ultimate comfort and driving safety during long-distance, high-speed touring.

Entering the inner world of Voyagé — or exiting it — is achieved electronically. There are no interior or exterior handles, and no lock cylinders. A driver uses an individual infra-red remote controller, which allows programming of three entry lock codes, to operate the electronic door actuator.

Upon door actuation, front windows "express" down several inches, and the steering column tilts up to allow more convenient entry and exit. Rear windows also express down — and tilt out — for greater rear passenger convenience.

The preferred front seating position, steering column angle, and outside/inside rearview mirrors positions are stored in memory and are automatically preset by computer — for up to three individual drivers.

The electric-powered tilt and telescoping steering wheel can be set to an infinite number of positions — to improve driver comfort and reduce fatigue, especially during extended, cross-country driving.

Advanced, fully articulated front seats provide 20 pneumatic electro-mechanical adjustments, allowing the driver and passenger — regardless of size or weight — to fully contour the most comfortable headrest, shoulder, back and thigh positions. This is accomplished by a state-of-the-art seat control located on the console. The seat control is a miniaturized version of the

actual seat; its control buttons are placed in the actual positions of the seat itself.

Heatable seat cushions and seatbacks provide "home environment" comfort upon entry, even in the dead of winter. Front seatback cushions also contain a massage feature that helps improve circulation and prevents the "pins and needles" discomfort often experienced in long-distance driving.

Access to the World

For added convenience and security, an advanced cellular telephone features voice recognition and hands-off operation. This allows the driver to dial a number and carry on a conversation anywhere in the world, or send and receive data communication printouts, without taking eyes off the road or hands off the steering wheel.

Advanced Driver Information Systems

Voyagé's driver instrumentation provides the practical features reminiscent of aircraft navigation systems.

Driver navigation assistance is provided by an ETAK system on a separate monitor that helps guide drivers to an unfamiliar destination by the most direct route. The system shows a complete area map route, with the distance traveled highlighted. A second color monitor displays rear vision of fast-approaching cars, as viewed by the zoom-focus, rear-vision video camera.

The Future Is Here

Cadillac, as America's leading luxury car company for 39 consecutive years, will utilize this functional, rolling, automotive laboratory to fulfill its mission of providing distinctive automobiles renowned for comfort, convenience and sophisticated performance — resulting in an unsurpassed ownership experience . . . today and in your future . . .



**THE ONLY WAY TO TRAVEL
IS CADILLAC STYLE.**

SPECIFICATIONS

Engine

High-output 4.5 liter V8

Horsepower 275

Torque 330 lb.-ft.

Fuel tank capacity 17.5 gallons

Transmission Four-speed automatic
with overdrive

All-wheel-drive system 50/50 torque split front
to rear with a viscous coupling across center
differential and isolated rear differential,
three-point drive line mounting system

Final drive ratio 3.08:1 effective

Electrical

Heavy-duty Delco Freedom® III battery

Generator 120 amp

Suspension

Front Fully independent, MacPherson strut
with dual path mounts, coil springs, Pliacell
shock absorbers integral in strut, 29mm solid
stabilizer bar

Rear Independent, isolated from
body with single transverse fiberglass spring,
Superlift electronic level control

Brakes Bosch anti-lock braking
system, hydraulic pump, four-wheel disc
(front-vented), self-adjusting, low drag with
audible wear indicators

Wheels and tires

Wheels Aluminum alloy, 16" × 6.0"

Tires P225/65R16 puncture sealing

Overall sizes

Wheelbase 119.6"

Overall length 212.6"

Overall height 53.4"

Body width 77.8"

Curb weight 3800 lbs.

Seating capacity 2/2

Headroom, front 37.7"

Headroom, rear 37.7"

Legroom, front 42.5"

Legroom, rear 39.0"

Hip room, front 57.0"

Hip room, rear 57.0"

Shoulder room, front 59.0"

Shoulder room, rear 59.0"

Luggage capacity 16.5 cu. ft.

Specifications as of 12-87
