

AURORA

The Dream

It began with a simple question:

What does the customer want?

From thousands of answers emerged a new benchmark automobile.

An American luxury performance sedan called Aurora.

An automobile built to surpass the highest customer expectations.

And the loftiest engineering aspirations.

As you might imagine, the Aurora team thought hard.

Worked late. And built just the car of their dreams



MEMORANDUM

To: All Aurora project engineers

From: Roger Masch, Aurora chief engineer

Re: The no-excuses car

Getting the basics right is an absolute must for Aurora. Before we do anything else, the core design must be absolutely flawless.

A strong, stiff body structure is one basic of the Aurora design I will not compromise. As far as the customer is concerned, structural integrity influences everything from ride quality and handling precision to occupant protection and the elimination of squeaks and rattles.

Your goal is to identify the body structure with the highest natural frequency, then equal or exceed that benchmark.

No excuses will be accepted that prevent us from reaching this goal: every Aurora we build and sell has to be every bit as good as the best of the competition.

Get this fundamental design right, then talk to me about high-tech.

Roger Masch

Logo March



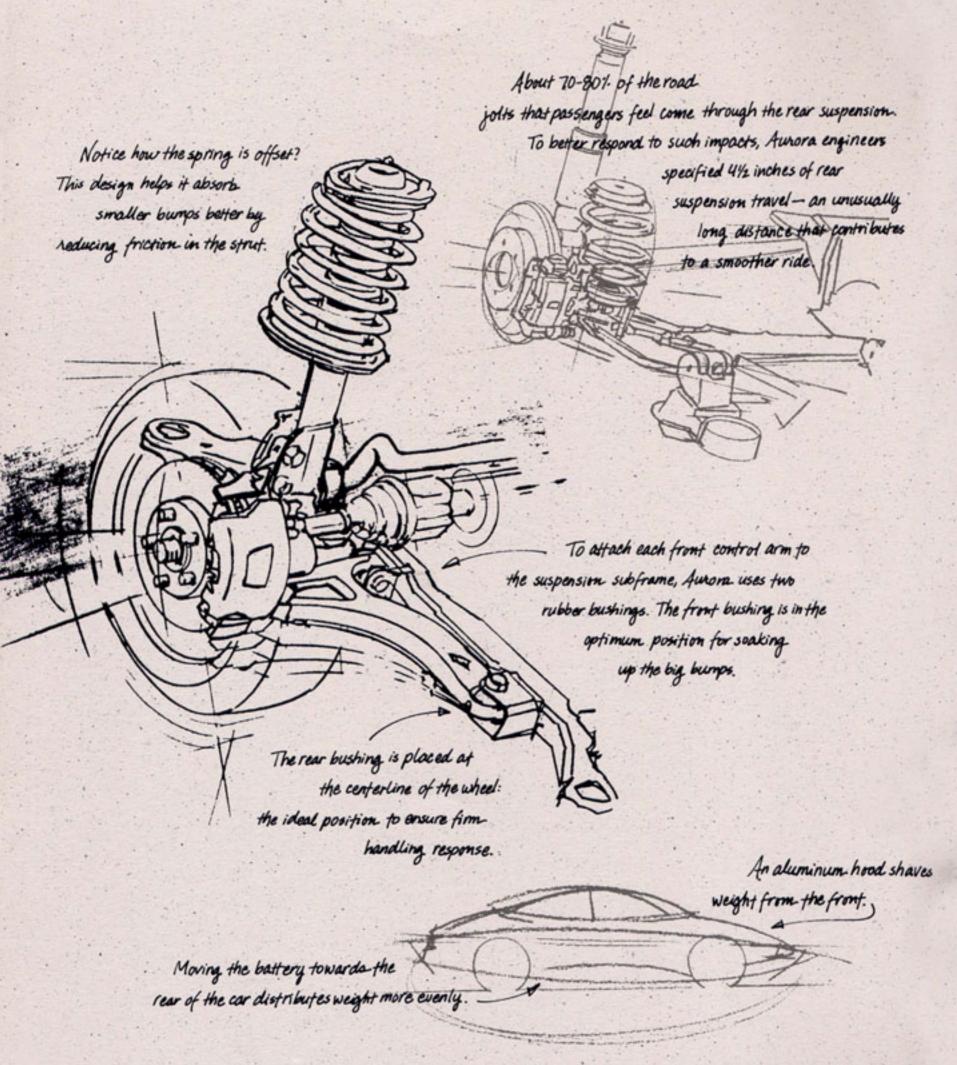
No other car in its class surpasses the Aurora body structure's high natural frequency.

By insisting on the highest possible frequency, Aurora engineers created a body that's better able to isolate the occupants from road noise, vibration and harshness.

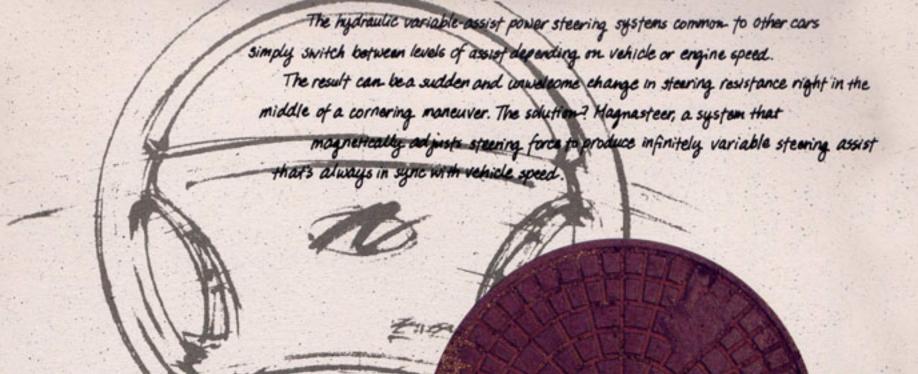
Aurora's rigid body results in an exceptionally smooth, solid ride, and in stable, responsive handling. Even Aurora's safety is enhanced due to the higher natural frequency

of the body structure.

Having created a rigid body structure, Aurora engineers then turned their accention to perfecting Aurora's ride and handling. Customers demanded the best of both: a ride that remained smooth and quiet even over the roughest surfaces, yet did not sacrifice any of the car's ability to deliver quick, responsive handling. Focusing on the basic role of each component, Aurora engineers developed a suspension system that's a model of common-sense engineering.



To meet driver demands for a luxury car that's light on its feet, Aurora engineers fine-tuned the car's front-to-rear weight distribution. The Aurora suspension is also designed to achieve maximum anti-lift control. Translation: you won't feel Aurora dive when you hit the brakes, or lift when you press the accelerator.



On GN's Desert Proving Grounds. Aurora

prototypes were repeatedly subjected to punishing

runs across a test road surface studded with bumps,

chuck-holes and other bone-jarring obstacles.

The reason? To make sure that something as common as a

manhole cover doesn't upset Aurora's uncommonly quiet ride.

In addition to magnetic variable-assist steering, two other state-of-the-art engineering features enhance the Aurora driver's ability to control the car.

A 4-channel anti-lock braking system (ABS) augments the 4-wheel disc brakes, modulating pressure to help prevent wheel lockup and preserve steering control in extreme braking situations.

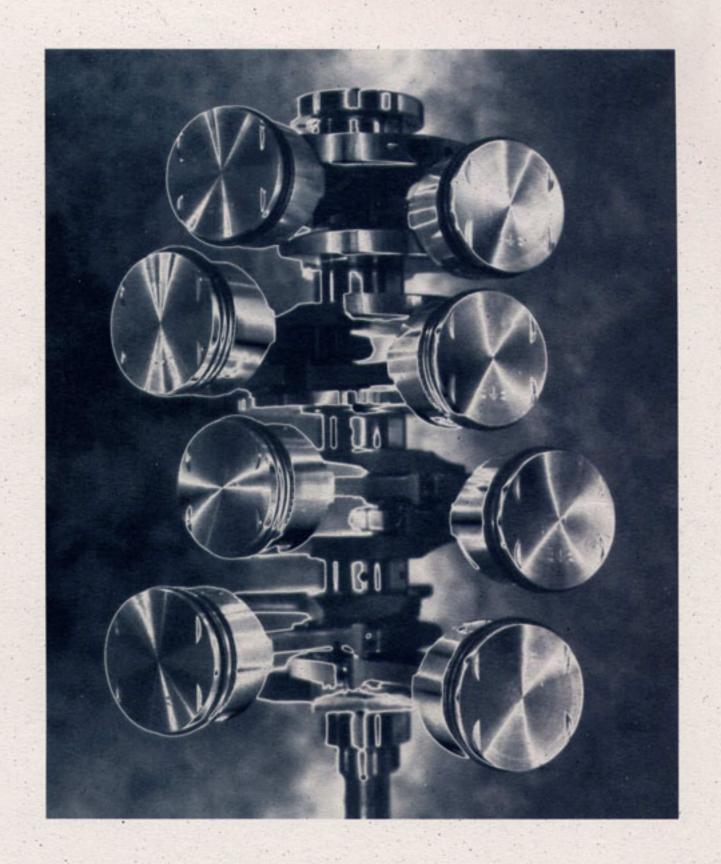
A multi-phase electronic traction control system helps minimize drive-wheel slippage during acceleration: first by modulating brake pressure, then, if necessary, by retarding ignition timing and finally by interrupting fuel delivery.

Aurora is front-wheel drive, a configuration—
that offers inherent performance and handling advantages.

Because the engine weight is directly
over the driving wheels, Aurora's traction is
secure and stable. Engine power is transferred
to the front wheels through equal-length

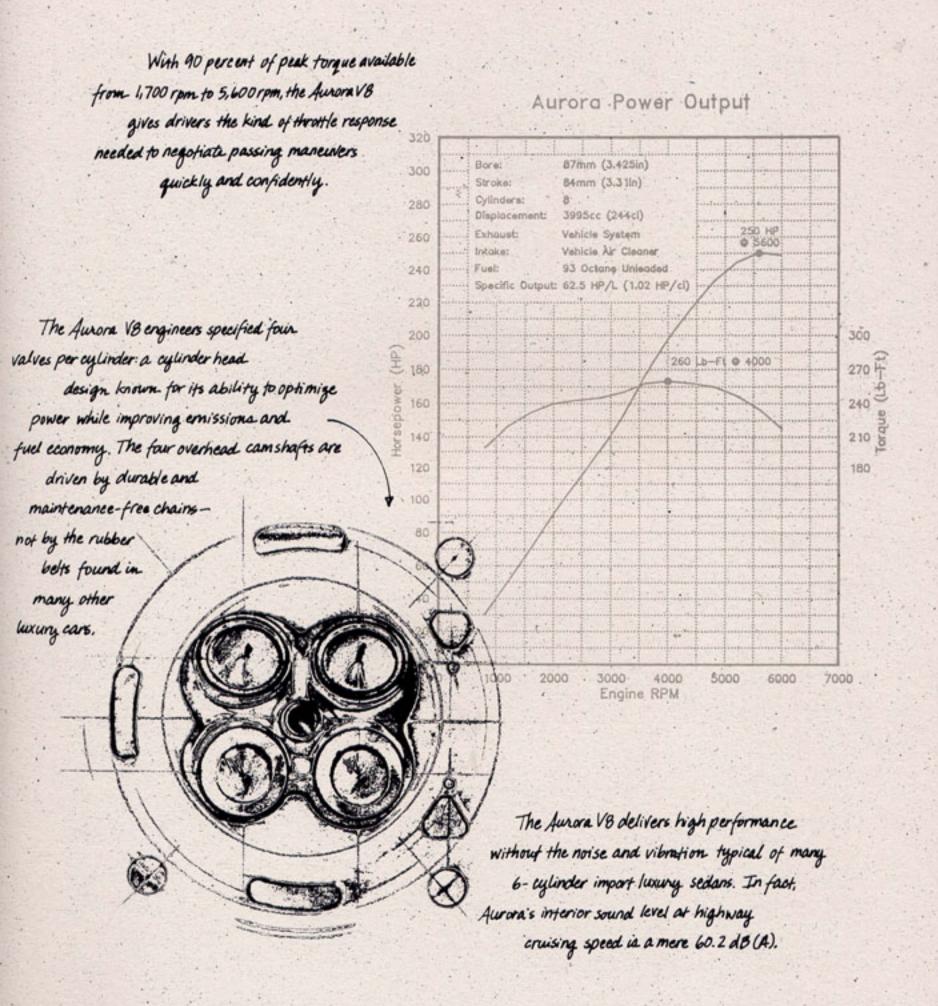
driveshafts to help eliminate torque-steer effects.

Ask customers to describe the ideal luxury-car powerplant and their replies form a list of "no-compromise" demands: smooth, quiet and quick acceleration; deep reserves of passing power; responsible fuel efficiency and innovative yet reliable technology.



The response is the Aurora V8: a 4.0-liter 32-valve dual-overhead-cam aluminum-alloy engine that produces 250 horsepower and 260 lb-ft of torque. An engine responsive enough to help give Aurora a zero-to-sixty time of just 8.0 seconds. An engine whose fuel efficiency means that Aurora, unlike some other V8-powered luxury sedans, is not subject to the Gas Guzzler Tax.*

An engine so innovative, it employs technologies for which numerous patents are pending.



Like the Aurora body structure, the Aurora V8 cylinder block was designed to establish a new benchmark of rigid, robust construction. Made of lightweight aluminum alloy to improve performance and efficiency, the block is cast using a special technique designed to instill rugged durability. Cast-iron cylinder liners are securely locked in place while molten aluminum is injected into the cavity that surrounds them. The lower engine block assembly is equally impressive: a precision cast-iron crankshaft is secured in place by five main bearings. The crankshaft spins in an aluminum casing reinforced by two

Aurora is engineered to take you 100,000 miles before the first scheduled engine tune-up.



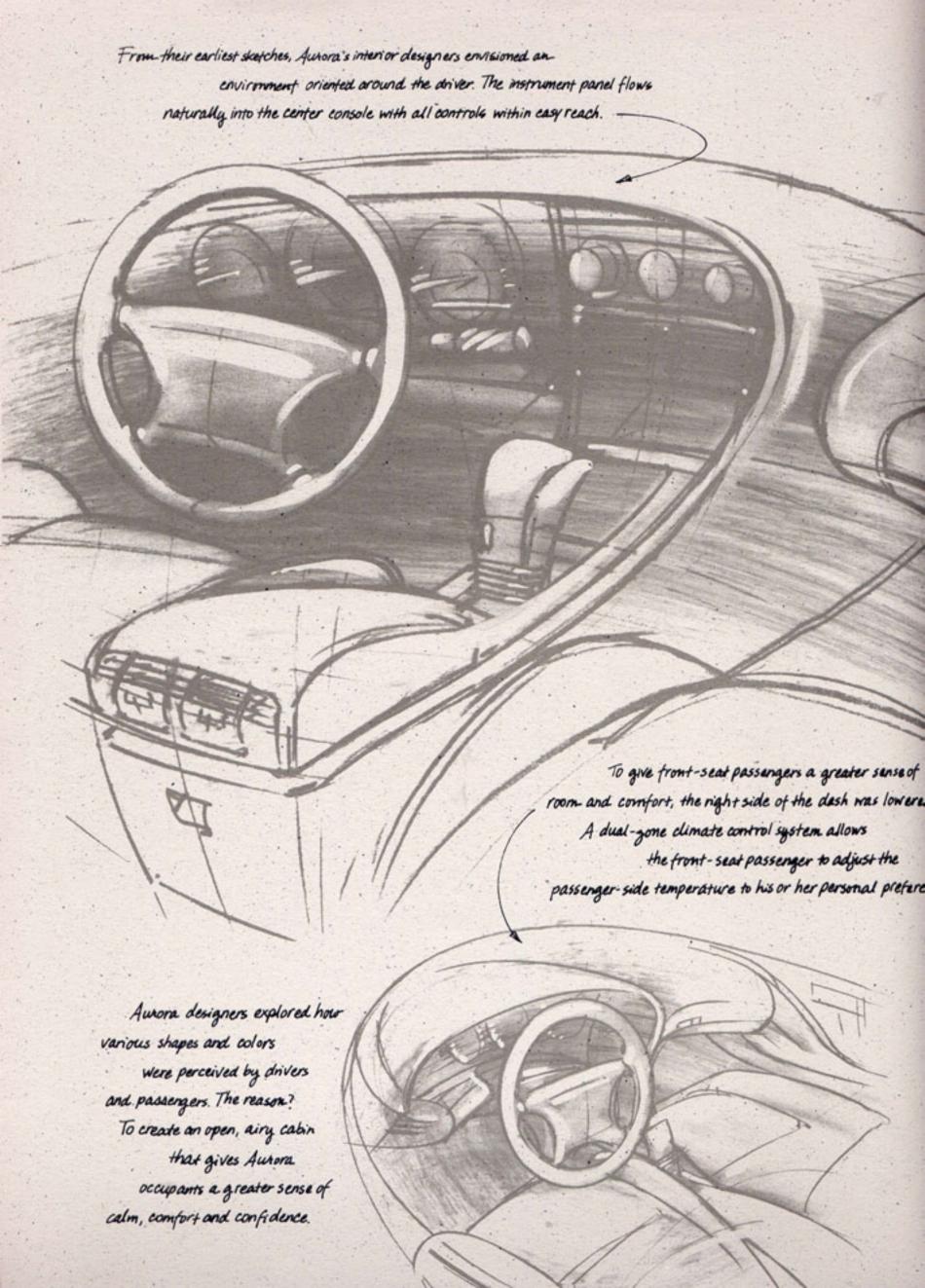
The Aurora V8 has several fail-safe features designed to take the worry out of life on the road. For example, the sensor that signals the engine control computer to trigger a spark is backed by a second sensor, to avoid malfunction. There's also a feature that guards against possible damage caused by a total loss of engine coolant. If a temperature sensor in the cylinder head registers more than 268 degrees Fahrenheit, fuel delivery is alternately interrupted to four of the eight cylinders. So even though there's less than full power, an Aurora is still designed to reach 45 mph and travel up to 50 miles to help you get to a phone or service location.

To get the most from every drop of fuel, the fuel-injection system constantly tunes itself, adjusting fuel delivery based on input from sensors that measure throttle position, manifold pressure, coolant temperature and engine speed.

Aunora was engineered to be a low-maintenance luxury car: aside from the ordinary lube, oil, filter, and coolant service, the first scheduled tune-up is at the 100,000-mile mark. One reason? The Aunora VB is fitted with platinum-tipped spark plugs that resist fouling, and tip erosion.



At idle, the Aunora VB creates on interior sound level measured at just 42.5 dB(A). It's so quiet, in fact, that the ignition switch is fitted with a special interlock to prevent Aurora owners from attempting to start the engine when it's already running.



You can see the influence of ergonomic science throughout the Aurora interior: in the orderly layout of controls and switches, in the legibility of the instrumentation and in the logical placement of air vents. What you don't see, you soon feel: in the intuitive way Aurora responds to your commands, in the subtle click-stop you sense as you turn the radio controls, and in the total support provided by the Aurora driver seat's dual lumbar adjustments.

The seat controls are where you can see and reach them: high on the door panel. The designers call the seat switch

"metaphonic" because it's shaped

like the seat itself. Whichever way you move the switch, the seat moves precisely the same way.

The air vents are in the optimum location high on the door panel to direct air at the entire body, not just the hards.

> To keep the cabin itself cook, solar control glass is used not just for. the windshield and rear window, but the side mindows as well.

Genuine burl walnut was painstakingly crafted to fit the contours of the Aurora cabin.

There's more to the Aurora interior than luxury, comfort and convenience. Behind the door panel lies evidence of our response to another customer concern: environmental compatibility. The sound insulation within the doors is made from recycled material. The luxurious headliner is reinforced by a lightweight fiber mat that's also made from recycled material. And of course, the refrigerant for the air conditioning in Aurora's dual-zone climate control system contains no ozonedepleting CFCs.

The Aunora seat is designed to give its occupant lasting comfort and support.

Gone are the large, firm thigh bolsters suited more to race cars than to luxury performance sedans. Instead, there's a carefully tuned system of springs and precisely contoured layers of foam cushions, with seating surfaces covered in easy-breathing, ultra-soft leather.

Feedback from customers confirmed the trend: traffic is getting more congested, and drivers are now spending more and more time behind the wheel. To the Aurora designers, this posed another challenge: to create seats for driver and passengers alike would eliminate "tail burn," a term the designers use to describe the discomfort and fatigue that sets in after a few typical car seat. To meet this goal, the Aurora team than 30 prototype seat designs until they'd toured and constructed to satisfy the demand for musculoskeletal support as never before.

Aurora is the first lwavy sedan to offer the option of the Bose Acoustimass music system.

Acoustimass
speaker technology
dramatically
increases the
distribution of
deep, pure bass
throughout the
interior.

The Bose Acoustimass bass module is housed in a customized enclosure at the rear of the interior.

Six other Bose speakers are strategically placed to produce a lifelike Stereo Everywhere The sound to all seating positions:

a 3.5-inch Bose Twiddler The speaker in each rear door,

6.5-inch woofers in each front door and

1.5-inch tweeters in each front kick panel.

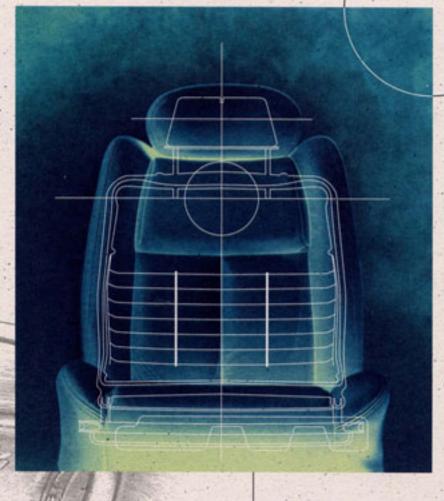
By minimizing the motion of the speaker tone audible

The driver of an Aurora sits in <u>an environment designed to make driving safer</u>.

For example, the inside rearview mirror dims automatically to reduce reflected glare by up to 94 percent. The exterior mirrors are heated to aid visibility in inclement weather.

And major accessory controls on the door, instrument panel and steering wheel are backlit to assist nighttime operation.

Many car seats have a lumbar
support. The Aurora's front
seats have two. Upper and
lower supports can be
adjusted separately to better
conform to your body and.
improve driving comfort.



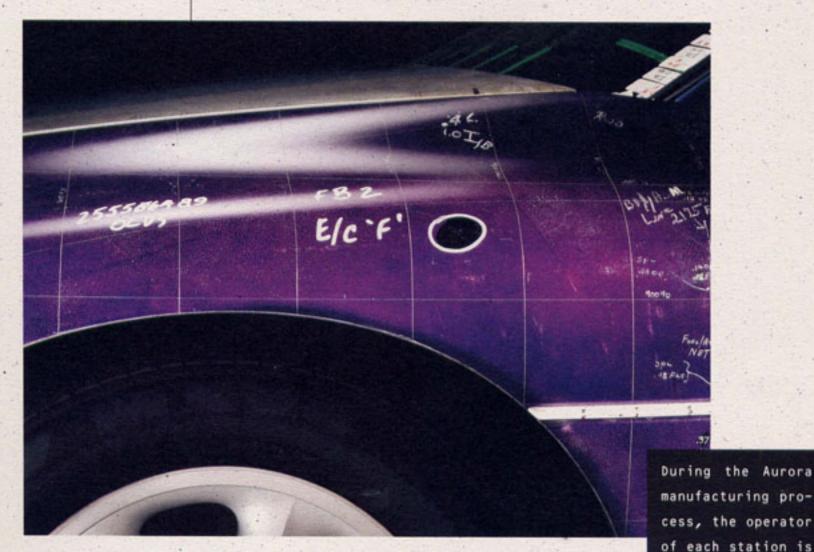
Among Awrora's few optional features are heated seats for both the driver and front passenger.

Autora's tilt steering, wheel contains an air bag, for the driver, part of Autora's dual air bag. Supplemental Inflatable. Restraint System. (Of course, you should always wear your safety, belts, even with air bags.)

Touch controls on the
steering wheel let you
adjust both the sound system
and climate control
without taking your
hands off the wheel or
your eyes off the road.

Aurora comes standard with a two position memory system for the driver's seat and outside mirrors. It can be programmed to store two different driver adjustment settings. The touch of a button recalls your preferred position for seat reach, tilt and height, as well as side-mirror angles. Pressing both memory buttons simultaneously moves the seat all the way down and to the rear for easier exiting.

Before actual production of Aurora began, a "Match Check" car was created to verify the dimensional accuracy of the tooling and dies used to make Aurora's body panels. The goal: to make every Aurora feel like it's forged from a solid hunk of steel.



Aurora resists corrosion by using 2-sided galvanized steel on all body panels except the hord, which is aluminum.

Every Aurora body undergoes a 6-step paint process. First, a phosphate solution removes

any corrosion-causing impurities. Then, the positively charged body is dipped in a negatively charged solution that bonds to every surface.



Next, one of three different primer colors helps make the base coat color richer. Once the base coat itself is applied, it's covered by an



initial clear coat layer. Finally, a second clear coat is added to give the finish a deeper sheen and to help protect it from atmospheric corrosives like acid rain.

empowered to stop

the assembly line

to ensure quality.



To ensure the paint looks as flawless as possible

Engine and Drivetrain

AURORA V8 ENGINE: A transverse-mounted, 4.0-liter (3,995 cc, 244 cu in), 32-valve dual-overhead-cam (DOHC) aluminum block V8, with sequential port fuel injection. Platinum-tipped spark plugs with 100,000 mile first recommended replacement. Vibration-absorbing engine mounting system. Symmetrical dual exhaust system.

FRONT-WHEEL DRIVE: With equal-length driveshafts.



TRANSAXLE: Electronic 4-speed automatic with driverselectable power and normal shift modes and overdrive. 3.48 final drive ratio.

FULL-RANGE TRACTION CONTROL: ABS sensors detect drive-wheel slip and respond by applying the brakes, restricting fuel flow or modulating ignition to control wheelspin at any speed. On/off switch.

Chassis and Suspension

4-WHEEL INDEPENDENT SUSPENSION: Front struts with lower control arms, coil springs and stabilizer bar mounted to the body via a rubber-isolated rigid

subframe. Rear semi-trailing arms with lateral links, coil springs, stabilizer bar mounted to the body via a rubberisolated rigid subframe, with anti-lift control and automatic leveling.

ANTI-LOCK BRAKES: Power 4-wheel discs with electronically controlled ABS.

MAGNETIC VARIABLE-ASSIST STEERING: Feedback-sensing variable-assist Magnasteer measures required steering effort and smoothly adjusts power assist to match vehicle speed.

ALUMINUM-ALLOY WHEELS: 16x7-inch, 6-spoke, argent center with polished lip and 5 lugs concealed by integrated caps.

RADIAL-PLY TOURING TIRES: Goodyear Eagle GA P235/60R16.

Exterior Features

FLUSH MOUNTED HEADLAMPS: Composite halogen, with integrated park/turn lamps and flash-to-pass features. Automatic on-off control with delay.

HALOGEN FOGLAMPS: Integrated with lower front fascia.

CORNERING LIGHTS: Directional illumination activated by turn signal.

WINDSHIELD WIPERS/WASHERS: With variable-delay pulse control.

LIGHTWEIGHT ALUMINUM HOOD: Supported by dual struts, with an inside release.

REMOTE ENTRY SYSTEM: Keyless remote-controlled power door locks and trunk release with 30-ft range, and remote-activated automatic illuminated entry.

TRUNK SECURITY OVERRIDE: A switch in the lockable glove box disables the interior trunk release to help secure items in the trunk.

ELECTRICALLY HEATED POWER MIRRORS:
Heating function is activated when
the rear window defrost button is
pressed.



Interior Features

POWER FRONT BUCKET SEATS: Ergonomically engineered contour design that is adjustable for reach, tilt, height, recline and dual lumbar supports. Headrests manually adjust for height and angle.

DRIVER'S SEAT MEMORY SYSTEM: Stores and recalls two driver-seat and side-mirror positions.

CONTOURED REAR BENCH SEAT: With dual integrated headrests, fold-down center armrest with storage compartment, dual cupholders and a trunk pass-through.

AUTOMATIC CLIMATE CONTROL: With separate driver and front-seat passenger temperature controls, rear seat heat ducts, soft touch controls and digital outside temperature display. Timed-shutoff electric rear window defogger, and front side window defoggers.

DIMENSIONAL SOUND SYSTEM: In-dash AM/FM stereo radio with auto-reverse cassette player and compact disc player, automatic tone control and 6 speakers.

THEFT-DETERRENT SYSTEM: PASS-Key II uses an electronic device on the key to activate the ignition system.

POWER WINDOWS: With driver-side auto-down and lockout.

SOLAR CONTROL GLASS: EZ-Kool tinted front windshield, and side and rear glass.

PROGRAMMABLE DOOR LOCKS: Automatic locking/selectable unlocking when shifting out of and into Park. Rear-door child security locks.

AUTOMATIC DAY/NIGHT MIRROR: Proportionally dimming Electrochromic inside rearview mirror.

AUXILIARY POWER OUTLET: Center console 12-volt socket in the ashtray.

DUAL AIR BAGS: Driver and front passenger Supplemental Inflatable Restraint System. Color-keyed 3-point outboard safety belts, rear center lap belt, front shoulder belt comfort feature, minimal-effort retractors and rear shoulder belt comfort guides.

Interior Trim

LEATHER TRIM: Covering the seating areas, steering wheel rim and console-mounted shifter.

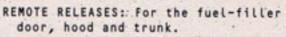
WOOD TRIM: Genuine burl walnut on door armrests and center console.

CARPETING: Wall-to-wall cut-pile, with carpeted front and rear floor mats. Carpeted trunk with cargo net.

STORAGE COMPARTMENTS: Front center storage console with provision for CDs, cassettes and coins. Locking glove box, front seatback pockets, door pockets and fold-down rear center armrest. Overhead console with garage door opener provision. Dual cupholders, front and rear.

Driver Controls

CRUISE CONTROL: Stalk-operated speed control for set, resume, and accelerate.



STEERING WHEEL TOUCH CONTROLS: JILT-Wheel steering with integral controls for the sound system and climate control. FULL INSTRUMENTATION: White-on-black backlit analog speedometer, tachometer, fuel and coolant gauges. Driver information center with digital date, fuel, fluid, voltage, and trip computer functions. Warning lights for vehicle servicing, system failure and maintenance. Resettable trip odometer.

BACKLIT SWITCHES: Controls on door, instrument panel and steering wheel are illuminated for nighttime operation.



POWER SUNROOF: 2-way tilt/sliding tinted glass with a manual sliding sunshade.

BOSE ACOUSTIMASS MUSIC SYSTEM: An extended range AM/FM stereo radio with seek/scan tuning, auto-reverse cassette player, rear-shelf mounted Acoustimass bass module and 6 speakers. Includes 12-disc CD changer (late availability).

12-DISC CD CHANGER: Trunk-mounted compact disc changer activated via an in-dash control unit (late availability).



HEATED SEATS: Provide high and low heat settings to the driver and front passenger lower-back and seat cushions.

AUTOBAHN PACKAGE: Includes Michelin V-rated P235/60VR16 tires and 3.71 transaxle ratio.

ENGINE BLOCK HEATER: Plugs into a grounded 110-volt household electrical outlet to provide easier starting in sub-zero temperatures.

CLOTH SEAT TRIM: Available at no additional charge.

We're proud of Aurora, and we're confident you'll be completely satisfied with it today and for as long as you own it.

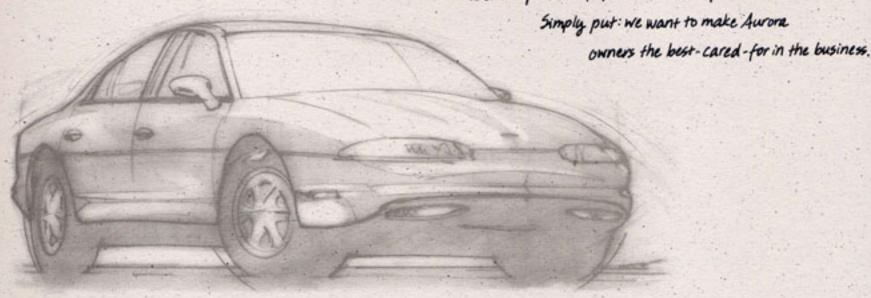
From the time you leave the retailer in your new

Aurora, you won't be forgotten. Aurora Owner Care provides

the peace of mind of Roadside Assistance,

the convenience of Courtesy Transportation.

the security of our Bumper-to-Bumper Warranty and our promise of Guaranteed Satisfaction.



AURORA OWNER CARE

BUMPER-TO-BUMPER WARRANTY: For four years or 50,000 miles, whichever comes first, every part of your new Aurora is warranted for repairs to correct any vehicle defect related to materials or workmanship. The only thing we don't cover is the tires, which are covered by their own manufacturer.

With our Bumper-to-Bumper Limited Warranty, there's no deductible, which means we'll pay for any repairs beyond routine maintenance. All body sheet metal components are warranted against rust-through from corrosion for six years/100,000 miles, whichever comes first, with no deductible. Application of additional rust-inhibiting materials is not required or recommended under the corrosion coverage.

COURTESY TRANSPORTATION: Whenever your Aurora is undergoing Bumper-to-Bumper Warranty service, we'll make sure you're not stranded at the retail facility. Courtesy Transportation is our way to make sure you're able to get out, even when your car is in.

While your Aurora is undergoing warranty service, your retailer will provide you with necessary alternate transportation assistance, such as a shuttle, cab or rental car.

24-HOUR ROADSIDE ASSISTANCE: With Aurora's 24-Hour Roadside Assistance, help is never more than a toll-free phone call away. Operators on duty 24 hours a day, 365 days a year will help you with any roadside assistance you might need, anywhere in the United States, at no charge.

Service assistance includes: Emergency towing. Flat tire changes. Fuel delivery. Jump-starts.

Lockouts. Trip routing. Trip interruption expense reimbursement.

For prompt assistance, call 1-800-442-6537.

GUARANTEED SATISFACTION: If for any reason, you're not satisfied with your new Aurora, bring it back within 30 days or 1,500 miles, whichever comes first. You'll receive full credit toward the purchase or SmartLease of another new Aurora or other new Oldsmobile of your choice.

See your Aurora retailer, your Aurora Owner Care Booklet and your Warranty and Owner Assistance Information Booklet for more details about the terms and conditions of specific features.



What should a luxury car drive like, look like, sound like?

These are the kinds of questions we asked drivers before we made the first sketch.

Once we had our answers, we challenged ourselves to exceed every expectation.

Sometimes we had to invent new technology. Other times we had to rethink traditional approaches.

When we were finished, we had created a car unlike any other.

Aurora.





"THERE ISN'T A STRAIGHT PANEL ON THE CAR,

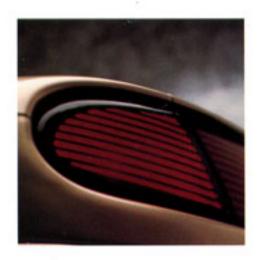
NOR IS THERE A CULUE THAT'S NOT compound . . .

No one will fail to notice the Aurora."

-SPORTS CAR INTERNATIONAL

Integrated halogen foglamps improve foul-weather vision without breaking the smooth lines of Aurora's body.

Autora's sensuous curves create a form that is unlike anything on the road.







The aluminum alloy wheels are designed to usher cooling air . into Aurora's large disc brakes.

The shape of Aurora's sideview mirrors was carefully defined to diminish wind noise.

"THE CAR'S surface entertainment,

'THE FLOP OF LIGHT' ON ITS contours . . .

MAKES THE METAL DISSOLVE INTO, WELL,





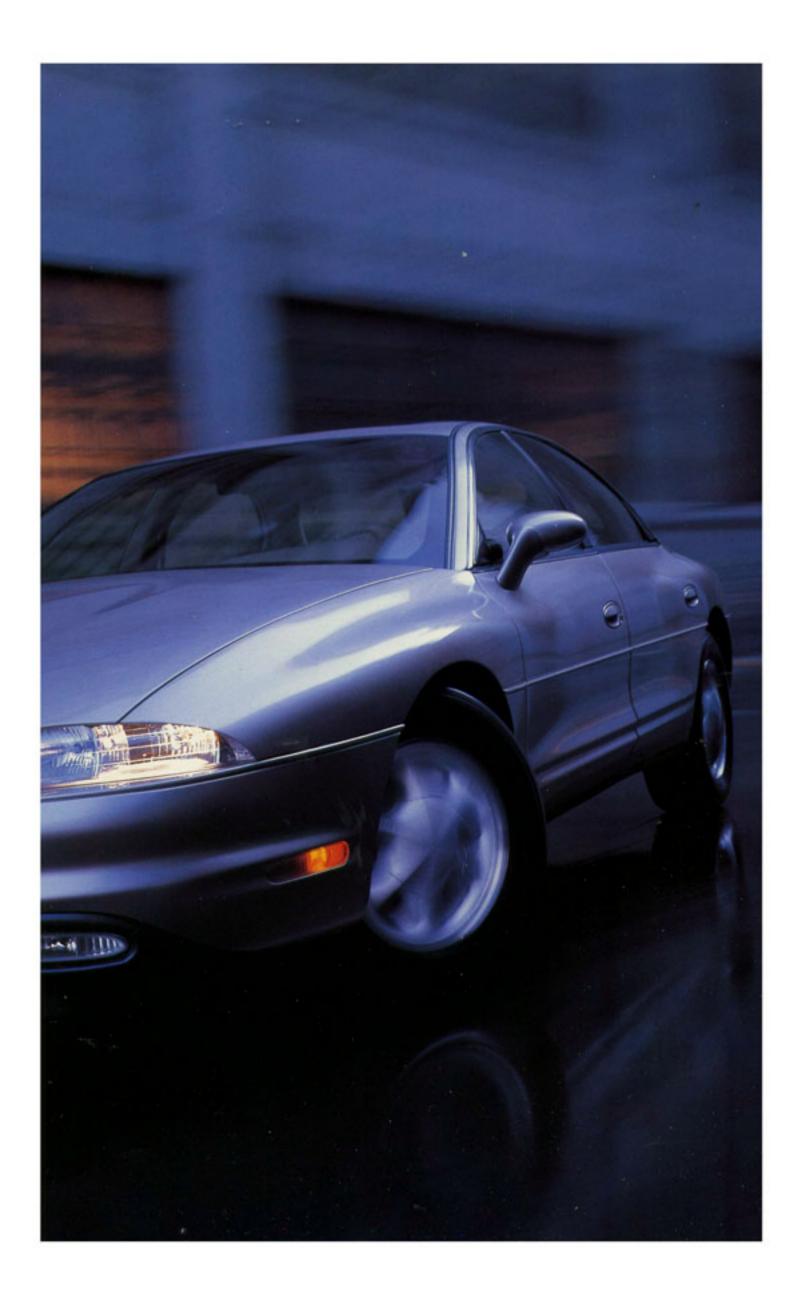
This is certainly the manner of high-tech Hardware

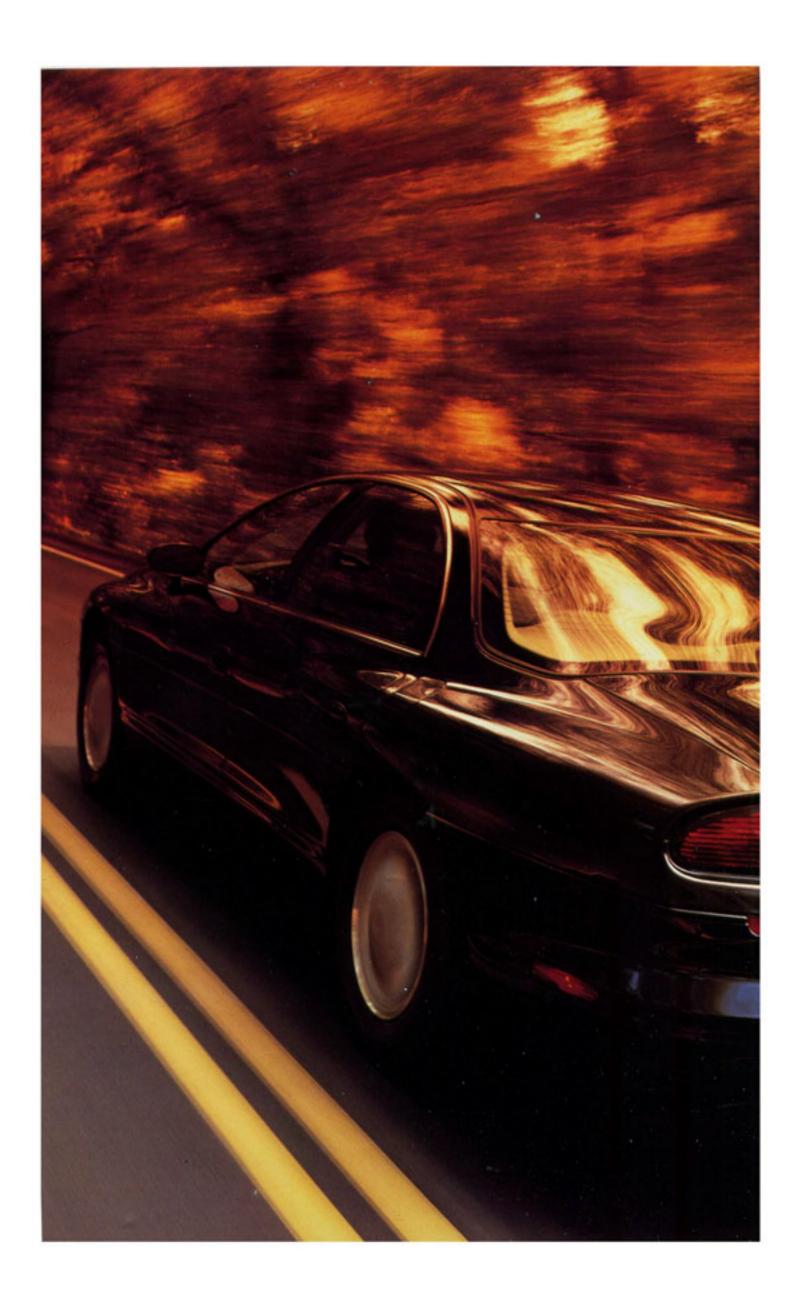
AN IMPORTED-LUXURY-CAR BUYER EXPECTS.

AND THE AURORA DELIVERS

A COMMENSURATE LEVEL OF REFINED performance.









The Dimensional Sound System that comes standard on Aurora includes both a compact disc player and a cassette player.

Power at your fingertips: the power driver's seat features a two-position memory. The seat itself adjusts for reach, tilt, height and recline.

You can also adjust upper and lower lumbar supports individually to comfortably cradle your back.



"WHAT WE FOUND OUT AFTER A DAY OF driving THE AURORA

IS THAT IT HAS MORE THAN JUST

THE vital STATS NEEDED TO PLAY WITH THE BIG HITTERS —

IT HAS THE character."





"YOU HAVE THE SERSE OF BEING ENCLOSED, BUT NOT

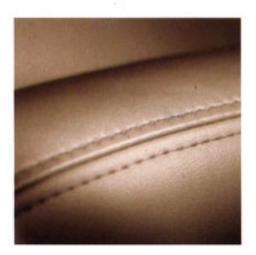
ENCROACHED UPON. OTHER CARS ALSO TRY TO DO THI

BUT THE CONTOURS AND SPACES INSIDE THE AURORA ARE

MORE interesting. MORE pleasing, MORE artful."

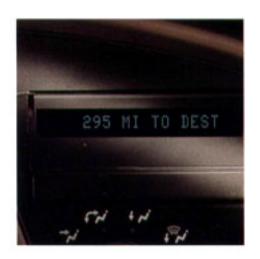
No matter what the temperature outside is, the dual-zone climate control system automatically maintains a preset temperature inside the cabin.

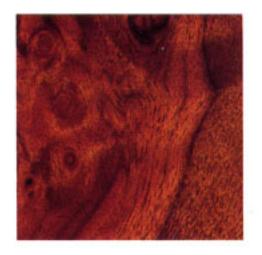




. . . .







Precise polishing brings the rich grain of the burl walnut to a deep sheen.

The driver information center updates the Aurora owner on everything from fuel mileage to estimated time of arrival.

"THE AURORA'S ROAD MARRETS SHOW THE KIND OF BREEDING

WE'VE COME TO EXPECT FROM THE EXPENSIVE FOREIGN BRANDS.

Its seats are comfortable, its ride is well controlled.





EXTERIOR COLORS





LIGHT ADRIATIC BLUE METALLIC



SILVER TEAL METALLIC



LIGHT GRAY METALLIC

BRIGHT WHITE



DARK GREEN GRAY METALLIC



PURPLE PEARL METALLIC



MOCHA METALLIC



MEDIUM GARNET RED METALLIC



DARK GREEN METALLIC



DARK CHERRY RED METALLIC



BLACK

INTERIOR COLORS AND DRIM



GRAPHITE LEATHER



TEAL LEATHER



GRAPHITE CLOTH*



ADRIATIC BLUE LEATHER



SANDSTONE LEATHER

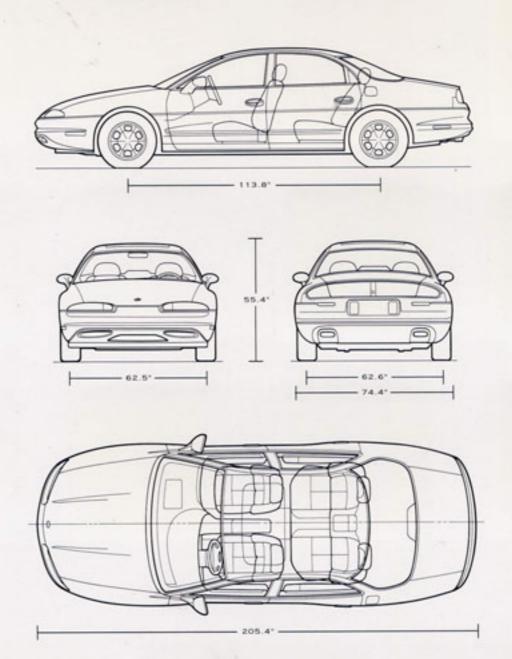


SANDSTONE CLOTH®

Exterior / Interior Color Combinations

	GRAPHITE	SANDSTONE	TEAL	ADRIATIC BLUE	
BRIGHT WHITE	-	-	-	-	
CHAMPAGNE METALLIC	•				
LIGHT ADRIATIC BLUE METALLIC	•	-		-	
SILVER TEAL METALLIC	•	-	-		
LIGHT GRAY METALLIC	-	-			
DARK GREEN GRAY METALLIC			-		
PURPLE PEARL METALLIC		-			
MOCHA METALLIC	•	•			
MEDIUM GARNET RED METALLIC	-	•			
DARK GREEN METALLIC	-	-			
DARK CHERRY RED METALLIC	-	-			
BLACK	-	•			

DIMENSIONS AND SPECIFICATIONS



POWERTRAIN

ENGINE TYPE	32-	VA	LVI	D	ОН	C	90) - D	EG	RE	EV	8
DISPLACEMENT				3,9	9 9	5 (c	(2	4 4	CI	J 15	0
BORE X STROKE	87	×	84	мм	(3	. 4	2	5 >	3	. 3	1 11	0
COMPRESSION RAT	10									10	. 3:	1
HORSEPOWER					2	50	0 6		5 , 6	00	RP	м
TORQUE			2	60	LB.	F	r 6		1.4	00	RP	м
TRANSMISSION	E TIC O	-	CTRO	NIC	ALL	Y C	ON	TR	DLL	ED .		٥-
GEAR RATIOS	- 5	ST	-2.9								.000	

CHASSIS DIMENSIONS

17 CITY/24 HWY

FUEL ECONOMY

EPA MILEAGE (EST.)

CHASSIS ZIMENSIONS				
WHEELBASE	113.8 IN			
FRONT TREAD	62.5 IN			
REAR TREAD	62.6 IN			
TIRE SIZE	P235/60R16			
WHEEL SIZE	16 x 7 IN			
TURNING DIAMETER	41.0 FT			

DNTERIOR DIMENSIONS

GENERAL	
INTERIOR VOLUME	102.3 CU FT
TRUNK CAPACITY	16.1 CU FT
PASSENGER CAPACITY	5
FRONT SEAT	
HEADROOM	38.4 1
LEGROOM	42.6 1
SHOULDER ROOM	57.9 1
HIP ROOM	55.1 1
REAR SEAT	
HEADROOM	36.9 11
LEGROOM	38.4 1
SHOULDER ROOM	57.9 1
HIP ROOM	55.8 11

Exterior Dimensions

LENGTH	205.4 IN
WIDTH	74.4 IN
HEIGHT	55.4 IN
CURB WEIGHT	3,967 LB

