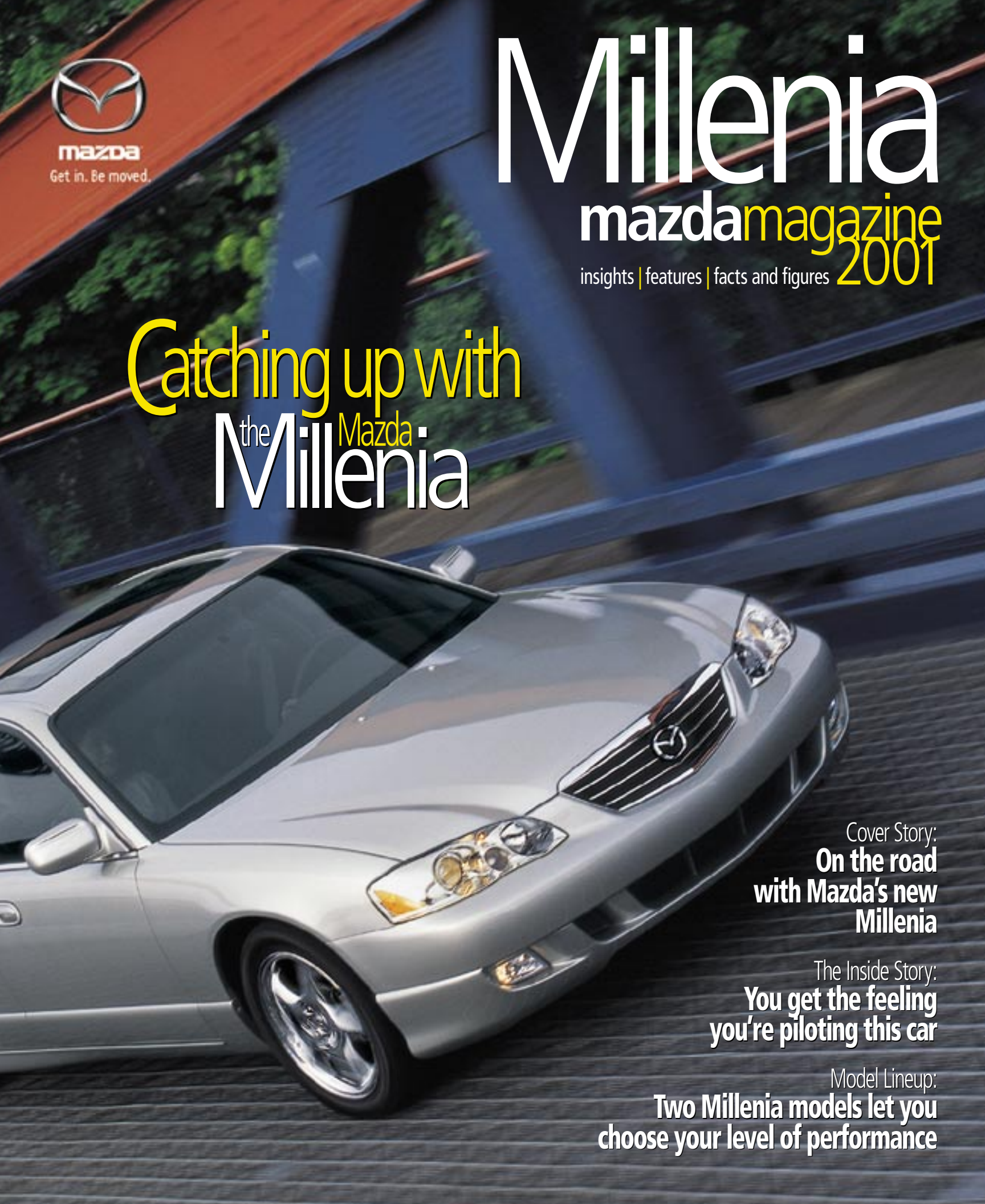

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Millenia
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insights | features | facts and figures
Catching up with the Mazda Millenia
Cover Story:
On the road with Mazda's new Millenia
The Inside Story:
You get the feeling you're piloting this car
Model Lineup:
Two Millenia models let you choose your level of performance

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MILLENIA EDITION



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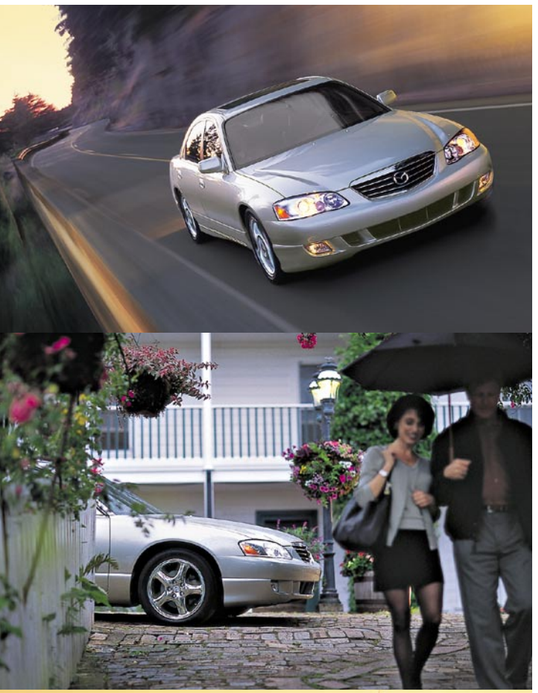
More Millenia on the Web

When you see this symbol on the Features & Options page, it's telling you that additional, in-depth information is available for the indicated Millenia features. Just head for our Web site at MazdaUSA.com and look for the same symbol there.

ON THE ROAD WITH Mazda's NEW Millenia.

Puget Sound—No, we haven't started testing amphibious vehicles. Yet. What we have really been up to is taking the improved 2001 Mazda Millenia S on a real-world test drive around this area, including island-hopping on the ferries and exploring the art galleries.

Millenia perfectly balances luxury and performance.



For the trip, we drove north to Seattle to take in some of the many sights there, including side trips to the San Juan Islands. We also spent some time finding interesting roads that were relatively free of urban traffic. Along the way, whenever we had the chance, we combined business pleasure with personal, taking the opportunity to scout local galleries for northwest Native American-inspired art.

The Millenia is a far cry from most of the sedans in its class. Its styling, always classy, is now even more distinctive for 2001. Inside, it's a model of tasteful comfort and convenience. Under the hood, the Millenia S continues with the 210-hp Miller-cycle V6 engine, the only automotive engine of its type. (You can read more about this on the next pages.) The transmission is an electronically controlled 4-speed automatic with overdrive and a "hold" mode that lets the driver keep it in a lower gear for added control. The S model rides on 17-inch alloy wheels with all-season performance radials.

On the freeway heading up to Seattle, the Millenia proved a comfortable, quiet and fast cruiser. We had to keep close watch on the speedometer, as the car's power and smoothness made highway driving so relaxed as to seem almost effortless. We found the cruise control to be a very valuable feature here. We were even more impressed on twisting two-lanes, where the tight and precise handling made itself known. There was plenty of passing power too; indeed, the acceleration rush is one of the joys of driving the Millenia S.

Throughout, we had spectacular weather. ("The mountains are out," people exclaimed.) On the one day we did encounter a little drizzle, the Millenia imparted a total sense of security on the wet roads. We knew it had a Traction Control System (TCS), so naturally we had to test that when we found slippery conditions. And after pushing the performance envelope just hard enough, we can report that the TCS is very effective. No matter the surface, the Millenia communicated well — we always could easily "read" the road through the steering and suspension. And of course, anti-lock brakes are standard equipment.

All in all, we discovered the Millenia S to be a superbly balanced car, quick and responsive, fast and smooth. It gave us all the luxury we could want, but never in a way that compromised the performance. It was also a perfect car for inspiring an artwork search.



"a superbly balanced car, quick and responsive"

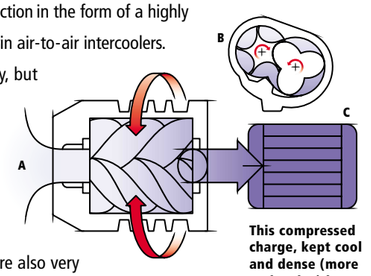
MAZDA shows off its ENGINEERING muscle.

A Miller-cycle engine achieves its efficiency with unique valve timing that effectively lengthens the expansion stroke. The basic design has actually been around for many years, but only in very low-speed industrial applications. Adapting its unique combination of power and efficiency for high-rpm automotive applications had long intrigued automotive engineers. And frustrated them—until Mazda tackled the design. Mazda engineers harnessed its potential by utilizing (among other measures) forced induction in the form of a highly efficient Lysholm compressor and twin air-to-air intercoolers.

That's all well and good, you say, but how does it drive? Glad you asked. Step on the gas, and you get instant response, without the lag typical of some turbocharged cars, and a smooth and seamless flow of power. The accompanying sounds are also very satisfying. We confess to frequently taking full advantage of this power, whether passing a truck or just for the heck of it. And the overall fuel economy is actually superior to the standard Millenia's responsive V6, even with 23% more power.

Not that the Millenia story is just about a great engine. While devouring straightaways, this car handles curves with the same ease, exhibiting minimal body lean and a very positive steering feel. We found it quite easy to maintain an entertaining clip on the forest roads. As for the technical details, it's front-wheel drive, with rack-and-pinion steering and an advanced 4-wheel independent multilink suspension. In the rear, the design subtly "steers" the wheels for better handling performance and feel. Both the front and rear suspensions have been retuned for 2001, in favor of sportier, crisper response. Fine by us.





More efficient than a conventional supercharger, the unique Lysholm compressor (top view, A) employs two screw-type rotors (end view, B) that turn at different speeds, up to 35,000 rpm, to pressurize the intake charge.

This compressed charge, kept cool and dense (more molecules) by twin air-to-air intercoolers (C), adds power.

One of the features we have always liked in the Millenia is the Miller-cycle V6 engine, and we're happy to report that it continues in all its glory in this new model.




mazda
406 ERX

YOU pilot THIS CAR, NOT JUST drive IT.

Just putting the key into the ignition was a singular experience in the Millenia—with a quiet whir, the steering wheel moved down.

And things only got better. We noticed that instead of the usual array of gauges, there was only a glossy blank panel. Then we turned the key, and a full complement of instruments sprang to illuminated life. Mazda calls it an Optitron™ display.

We easily found a comfortable driving position, using the 8-way adjustable power seats. Our backs especially appreciated the driver's power lumbar support, with a switch located on the console so we didn't have to twist to get at it. Our initial impression of the seats, subsequently confirmed on the trip, was that they delivered an ideal combination of firmness, comfort and support. The leather-trimmed upholstery* had a rich and luxurious feel, as well.

Convenient control placement further enhanced our experience. Once you get used to having the key stereo controls on the steering wheel, for instance, you'll start thinking of that as a necessity rather than a luxury. We could say the same thing for the power moonroof, and the very effective and easily adjusted automatic climate control system. Mazda told us that it includes air filtration to remove most dust and pollen.

Overall operation of the controls was so precise, it was easy for us to imagine we were piloting a plane. And that feeling charges the whole driving experience.



Top: Stereo controls on the steering wheel let us keep our eyes on the road.

Above: The spectacular Bose® audio system has nine speakers, including a subwoofer for powerful bass. It certainly energized us throughout the trip.

*Seating surfaces upholstered in leather except for leather-look vinyl on seat side panels, rear sides of seatbacks and other minor areas.

Millenia's luxury features:

Quality & quantity.

THE INSIDE STORY

The Millenia S never failed to surprise us with the scope of its luxury features. Every day, every drive, we seemed to find something new. And we're still not even sure that we discovered everything.



We immediately found the remote keyless entry that works in conjunction with the power door locks and trunk, and provides selective unlocking. We could unlock just the driver's door, or all the doors—a good security feature. Power windows are standard too, and a thoughtful retained-power feature lets you operate the windows or sunroof for one minute after you turn off the ignition.

Even our occasional rear-seat passengers noted a sense of spaciousness—and, to their satisfaction, a pair of cup holders in the fold-down rear center armrest. (When the armrest is folded down, there's a pass-through to the trunk to let you carry skis.) The front console also has two cup holders, and an extra 12-volt outlet as well. So we could recharge our cell phone and our laptop at the same time. Good thing, too, given our deadlines, or you might not be reading this now.



Stonington Gallery
Artist: Scott Jensen

When you test a car this good, the trip always seems too short. Fortunately (we think), this one turned out to be just long enough. Exploring historic Pioneer Square our last afternoon, we made one more discovery—a piece of sculptural art we immediately knew we couldn't live without: "Octopus House Post," by Scott Jensen, at the Stonington Gallery. "Ship it," we said.



Above: Extra 12-volt outlet came in handy when the laptop's battery ran down en route.



CAREFUL DESIGN AND THOROUGH protection.

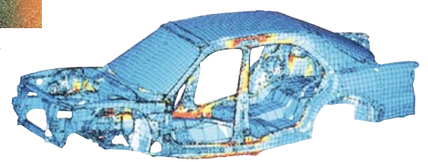
While Mazda's engineers were dedicated to making the Millenia fun to drive, they also are totally committed to occupant safety. To ensure that, the entire design was carefully thought out on the virtual reality of the computer, long before any Millenia put wheel to pavement.

You can see some of this in the illustration below. And the safety benefits of the Millenia's structure go well beyond impact protection. The stable platform helps the suspension do its job, which in turn helps the driver avoid potential problems. As do anti-lock brakes (ABS), the available Traction Control System, and halogen fog lights that help improve visibility in foul weather.

Inside the Millenia, dual 2nd-generation air bags help protect the front passengers, as do side-impact air bags mounted in the front seats.* The four outboard occupants also get 3-point safety belts; there's a lap belt for the rear center passenger. In the rear, international-standard tether anchors make it easy to properly install child safety seats designed to those standards.

"Mazda's engineers are totally committed to occupant safety."





Right: Through computer modeling, the Millenia engineers developed a strong and rigid body structure that incorporates "crumple zones" to help absorb impact forces and direct them away from the cabin.

Left: Dual air bags and front side-impact air bags are standard features*.

*Always wear your safety belt and secure children in the rear seat.

2 models offer a performance choice.





Millenia comes in two flavors, the standard Millenia and the Millenia S described in the road test. Both are very well-equipped; the essential difference is that the Millenia S, with its 210-hp Miller-cycle engine and 17-inch wheels, is more performance-oriented. The standard Millenia has a 170-hp V6 and 16-inch wheels. Almost all of the luxury features, such as the 8-way power driver's and front passenger's seats, leather-trimmed upholstery,* power moonroof, tilt steering wheel with memory function, and automatic climate control, are standard on both models. The Bose® audio system, standard on the S, is available for the Millenia. For those who live in more severe climates, a 4-Seasons Package option adds the Traction Control System (already standard on the S), heated mirrors and front seats, and other features that are valuable in cold weather.

And both feature Mazda's Emergency Roadside Assistance and Loaner Car Programs.†

*Seating surfaces upholstered in leather except for leather-look vinyl on seat side panels, rear sides of seatbacks and other minor areas. †See the next page for further details.

THE AUTOMOTIVE EQUIVALENT
ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM ZOOM
OF A FREE LUNCH.



Power and efficiency.

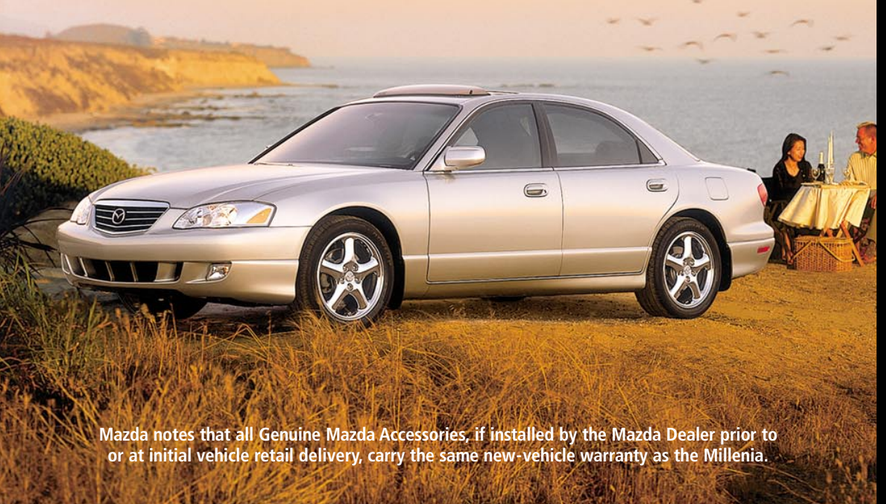
The unique and advanced Miller-cycle V6 of the Mazda Millenia S puts out 210 smooth and responsive horsepower from just 2.3 liters of displacement. Yet overall fuel economy is actually superior to the standard Millenia's responsive V6, even with 23% more hp. What better way to power into the new millennium!

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Get in. Be moved.

Part of the pleasure in owning a new car is finding ways to personalize it. So to go along with the Millenia, Mazda also designed a long list of Genuine Mazda Accessories, each one carefully engineered to complement the form and function of this sporty luxury car. Some of these are shown below, and other accessories available include:

Car cover	Mud guards	CD changer
Car-cover cable lock	Touch-up paint	Engine block heater
Cargo net	Moonroof deflector	Scuff plates

Carefully chosen accessories let you add a personal touch.



Mazda notes that all Genuine Mazda Accessories, if installed by the Mazda Dealer prior to or at initial vehicle retail delivery, carry the same new-vehicle warranty as the Millenia.

COLOR COMBINATIONS

EXTERIOR COLOR	INTERIOR COLOR
Platinum Silver Metallic	Gray or Beige
Brilliant Black	Gray or Beige
Emerald Mica	Beige
Millennium Red Mica	Beige
Sand Mica	Beige
Snow White Pearl Mica	Beige
Snow White Pearl Mica with Sand Mica	Gray or Beige
Brilliant Black with Gentry Silver Metallic	Gray

Mazda Limited Warranty

Mazda warrants that the Mazda vehicle will be free of defects with normal use and prescribed maintenance for 36 months or 50,000 miles, whichever comes first, or Mazda will repair any problem without charge. Ordinary maintenance items or adjustments, parts subject to normal wear and replacement and certain other items are excluded. This transferable "limited warranty" is included on all new 2001 Mazda vehicles sold and serviced in the United States.

Complement the limited warranty on your new vehicle with the Mazda Extended Protection Plan, the only service agreement backed by Mazda. See your Mazda Dealer for complete details.

Emergency Roadside Assistance and Loaner Car

As part of our commitment to your total satisfaction, Millenia owners are automatically enrolled in our Emergency Roadside Assistance Service Program for the duration of the 36-month/50,000-mile limited warranty. Dead battery? Locked out? When the unexpected happens, this 24-hour service will provide just about any assistance necessary to get your car back on the road and minimize any inconvenience. In many cases, owners of 2001 Mazda vehicles being repaired under warranty will be eligible for the free Mazda Loaner Car Program. For complete details, see your Mazda Dealer.

Product Changes and Options Availability:
Following publication of this brochure, certain changes in standard equipment, options, prices and the like, or product delays may have occurred which would not be included in these pages. Your Mazda Dealer is your best source for up-to-date information. Mazda reserves the right to change product specifications at any time without incurring obligations. Options shown or described in this brochure are available at extra cost and may be offered only in combination with other options or subject to additional ordering requirements or limitations.


Brilliant Black


Sand Mica


Snow White Pearl Mica with Sand Mica‡


Snow White Pearl Mica


Beige Leather


Emerald Mica


Millennium Red Mica


Platinum Silver Metallic


Brilliant Black with Gentry Silver Metallic‡


Gray Leather

FEATURES & OPTIONS

Mechanical Features	Millenia	Millenia S
2.5L DOHC 24-valve V6 engine	S	—
2.3L DOHC 24-valve Miller-cycle V6 engine with Lysholm compressor and dual intercoolers	—	S
4-speed electronically controlled automatic transmission with overdrive; front-wheel drive	S	S
Traction Control System	P	S
Power-assisted rack-and-pinion steering with engine-speed-sensing variable assist	S	S
Power-assisted 4-wheel disc brakes with Anti-lock Brake System (ABS) and Electronic Brakeforce Distribution	S	S
Fully independent multilink suspension with gas-filled shock absorbers and front stabilizer bar	S	S
Exterior Features		
16-inch alloy wheels with wheel locks, P215/55R16 V-rated all-season radial tires	S	—
17-inch alloy wheels with wheel locks, P215/50R17 V-rated all-season radial tires	—	S
Dual body-color power remote mirrors; 2-speed variable-intermittent windshield wipers	S	S
Halogen headlights with automatic shutoff; halogen fog lights	S	S
Interior Features		
Dual 2nd-generation front air bags	S	S
Front side-impact air bags	S	S
3-point safety belts for outboard seating positions; lap belt for rear center passenger	S	S
8-way power driver's seat with electric lumbar support and 2-way adjustable head restraint	S	S
8-way power front passenger's seat with adjustable head restraint	S	S
Fold-down rear armrest with dual cup holders and pass-through to trunk	S	S
Leather-trimmed upholstery*	S	S
Carpeted floor mats	S	S
2-layer center console storage box with padded armrest and 12-volt power outlet	S	S
Lighted glove box; covered storage compartments under front-door armrests	S	S
Dual front-seat cup holders	S	S
Power windows with 1-touch-down driver's window; lighted switches on front doors	S	S
1-minute key-off power reserve for windows and moonroof	S	S
Power door locks with 2-stage unlocking (driver's door only/all doors); child-safety rear door locks	S	S
Remote keyless entry system with antitheft alarm; power remote trunk-lid and fuel-door releases	S	S
Illuminated entry system; lighted visor vanity mirrors with flip-up covers	S	S
Power tilt steering wheel with memory function and leather-wrapped rim	S	S
Cruise control with steering-wheel-mounted controls	S	S
Leather-wrapped shift knob and parking-brake grip	S	S
Fully automatic climate control with CFC-free air conditioning and air filtration system	S	S
AM/FM/cassette/CD stereo	S	S
6-speaker sound system with separate tweeters	S	—
Bose® 9-speaker sound system with separate tweeters and subwoofer	O	S
Steering-wheel-mounted audio controls	S	S
Power sliding-glass moonroof with retractable sunshade	S	S

Options and Option Packages	Millenia	Millenia S
17-inch chrome-finish alloy wheels	—	O
2-tone paint	O	O
Snow White Pearl Mica paint	O	O
Bose® 9-speaker sound system with separate tweeters and subwoofer	O	S
In-dash 6-disc CD changer	O	O
4-Seasons Package: Traction Control System (standard on S); heavy-duty battery and wiper motor; large-capacity washer-fluid tank with low-level indicator; heated outside mirrors; heated front seats; rear-seat heater ducts	O	O

S : Standard **P** : Package Option **—** : Not Available **O** : Optional

*Seating surfaces upholstered in leather except for leather-look vinyl on seat side panels, rear sides of seatbacks and other minor areas.

‡This two-tone combination can be seen on the Model Lineup page.

SPECIFICATIONS

	Millenia	Millenia S
Engine size and type	2.5L DOHC 24-valve V6	2.3L DOHC 24-valve Miller-cycle V6 Lysholm compressor, dual intercoolers
Horsepower, SAE Net	170 @ 5800 rpm	210 @ 5300 rpm
Torque, SAE Net lb-ft	160 @ 4800 rpm	210 @ 3500 rpm
Compression ratio	9.2:1 compression ratio	8.0:1 compression ratio 10.0:1 expansion ratio
EPA estimated fuel economy	20 mpg city 27 mpg highway	20 mpg city 28 mpg highway
Fuel capacity	18.0 gallons	18.0 gallons
Premium unleaded gasoline	Recommended	Required
Curb weight	3358 lb	3488 lb
Turning circle	37.4 feet, curb-to-curb	37.4 feet, curb-to-curb
Brakes	11.7-inch ventilated front discs 11.3-inch rear discs	11.7-inch ventilated front discs 11.3-inch rear discs

Exterior Dimensions (inches)	
Wheelbase	108.3
Overall length	191.6
Overall width	69.7
Height	54.9
Track, front and rear	59.8

Interior Dimensions (inches)	
Front headroom	37.9
Rear headroom	36.5
Front legroom	43.3
Rear legroom	34.1
Front shoulder room	55.1
Rear shoulder room	54.2

Capacities (cubic feet)	
Passenger volume	91
Cargo volume	13

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BETTER DRIVERS
BUCKLE UP

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