

MITSUBISHI DIAMANTE



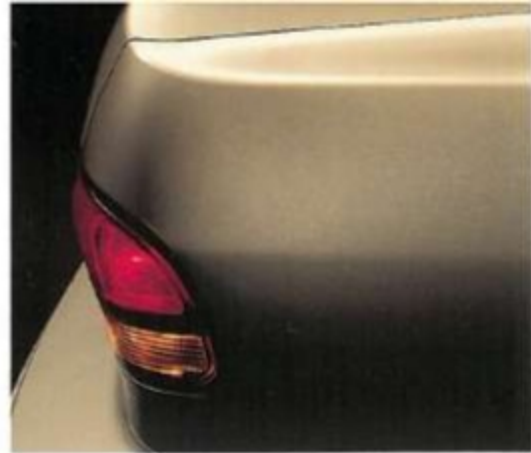


Mitsubishi unveils an automobile brilliant in every facet. Introducing, Diamante.

Ever since Mitsubishi Motors Corporation began 75 years ago, the unique properties of the diamond have been used as the unbending, guiding principle of Mitsubishi quality. The name itself means three diamonds.

Now, on the eve of its Diamond Anniversary, Mitsubishi introduces its crowning achievement: Diamante, a world-class luxury performance sedan of unique design and dimension. Flawless in execution, exquisite in detail, Diamante is a significant new automobile of extraordinary substance and style.





MITSUBISHI DIAMANTE. AN INSPIRED NEW CLASS OF LUXURY PERFORMANCE SEDAN, IT IS AS SENSUOUS AS IT IS TECHNICALLY ADVANCED.

The Mitsubishi Diamante is a car for the senses. Enticing to the eye. Assuring to the touch. An automobile of impeccable craftsmanship and exhilarating performance, it is as bold, vital and spirited as it is committed to the essential elements of comfort, quality and refinement.

Its shape is stunning. An effortless flow of sweeping contours and seamless detail, Diamante's crouching profile is low, wide and aggressive. The handsomely crafted body embraces a chassis of high-density, structural integrity; a body-and-chassis framework thoroughly capable of isolating the inside from the outside, effectively absorbing and diffusing the most intrusive exterior noise. One of the most aerodynamic shapes on the road, Diamante's high tensile structure integrates and orchestrates an array of the most advanced performance and safety-related technologies in the industry.

Tasteful and contemporary, Diamante's dynamic design conveys a seductive personality of power and prestige. A subtle hint and an intriguing invitation to the pleasures and unique refinements within.





A SPACIOUS ENVIRONMENT OF DESIGN INTELLIGENCE, SOOTHING ISOLATION AND LUXURIOUS COMFORT.

Function, comfort and elegance, with a mindful emphasis on occupant safety. From these priorities, the Diamante interior was born.

Seating for five is elegantly fashioned and luxuriously tailored, with armrests front and rear. A seven-way adjustable driver seat is standard on both models, while four-way power controls and seat position memory for two drivers provides additional support and comfort on Diamante LS. Optional on Diamante LS is a leather trim package which includes leather seating surfaces, door panel inserts and center console cushion. Also available with the leather trim package is a four-way power passenger seat.

Contributing enormously to passenger comfort and convenience is Mitsubishi's exclusive ETACS-IV™ Electronic Time and Alarm Control System. The system enhances passenger security by controlling a central power door lock system that automatically locks all four doors at 12 miles per hour. With the ignition off, ETACS-IV automatically shuts off all exterior lights when the doors are open, and slowly fades out the interior dome lamp when the doors are closed. It mists the windows when the washers are activated and prevents you

DIAMANTE LS



Diamante's front seats are orthopedically designed to reduce driver fatigue by providing additional support to primary center of gravity points. Special brace plates are inserted to firmly position the thoracic vertebrae at the top, and the

lower pelvic hip joint at the bottom. Tapered padding is strategically molded around the plates to increase shock absorption and more evenly distribute body pressure.



from locking the doors when the key is in the ignition. In all, it performs 10 separate tasks, quietly, invisibly and unobtrusively.

Providing the optimum in environmental control and quiet operation, Diamante features a high capacity heating, ventilation and air conditioning system with automatic climate control.

The added margin of safety and assurance provided by a driver-side air bag is standard on all Diamantes. Four three-point shoulder/lap belts are also furnished, with front seat units featuring height adjustable anchor points for a more comfortable fit.

Blending meticulous craftsmanship with extraordinary technical sophistication, designers have created a reassuring haven of quiet isolation and comprehensive appointment. An opulent environment of rich fabrics, refined textures and exceptional quality.



ACCESSIBLE TECHNOLOGY, AND ATTENTION TO THE DETAILS OF CONFIDENCE AND CONTROL.

Inherent to the design of Diamante's interior was the creation of an environment where the complexities of automotive science could be expertly manipulated....and enormously enjoyed.

Setting their sights on a new level of awareness, access and control, designers focused on operational simplicity. Full analog instrumentation is displayed in a legible, logical three-dial grouping, front and center behind the height-adjustable steering wheel. All switches are designed with specific touch-identifiable shapes for enhanced ease of operation. A large display digital clock is positioned high in the center of the wide instrument panel for quick reference by all passengers. Below the clock at the top of the large T-shaped center console is a cleverly conceived (and concealed) soft-touch glide-out dual cup holder. Dominating the center console and within easy reach of driver and front seat passenger are automatic climate control and audio systems.

In motion, Diamante's commitment to reducing driver stress and fatigue is immediately apparent. Power-assist steering delivers a light feel when parking, yet conveys exceptional



Optional on both Diamante models is the Mitsubishi Electric Diamond Tel™ Model 92 cellular telephone, a hands-free unit featuring a 102 number speed dial memory, including auto-dial buttons for your 3 most frequently dialed numbers, automatic call answering and alpha or numeric scan. Fully

transportable, the unit features a lightweight battery pack which is automatically recharged. Diamante LS is prewired for the system at the factory.



road feedback and on-center stability at highway speeds. Diamante LS features Mitsubishi's exclusive EPS-II™ Electronically Controlled Power Steering which automatically adjusts the degree of assist according to vehicle velocity.

Full-function cruise control (standard on LS) is simple to operate via steering wheel-mount controls, and enormously useful in relieving leg fatigue on long, open-road trips. Dual power remote mirrors provide exceptional sideview reference, employing deep-tinted glass for effective glare reduction at night. Power windows (with driver-side auto-down) and optional power glass sunroof are also deep-tinted to reduce the sun's intensity during the day.

Inspired design. Refinement in every detail. Diamante offers an interior of impressive form and flawless function. A reassuring environment of comfort, quality and control.



*A shared design philosophy,
and a tradition of critical acclaim.*

The Mitsubishi HSR-II High-Speed Research vehicle was created to explore the outer limits of advanced automotive science. A rolling test bed of integrated aerodynamic, chassis and engine systems, the HSR-II provides the conceptual inspiration for two of the most technically advanced passenger cars in production; the Mitsubishi 3000GT grand touring sports car and the Mitsubishi Diamante luxury performance sedan.

Diverse products of a shared design philosophy, the 3000GT and Diamante carry on a Mitsubishi tradition of competitive superiority and critical acclaim with two important automotive awards. In America, the 3000GT was named *Motor Trend's* 1991 Import Car of the Year. In Japan, the Diamante was recently named Japan Car of the Year. Prestigious awards of unique distinction, they are further recognition of a dedication to excellence which has garnered Mitsubishi no less than 32 major awards in the last three years.





ONE OF THE WORLD'S MOST ADVANCED ENGINES MEETS ONE OF THE WORLD'S SMARTEST TRANSMISSIONS.

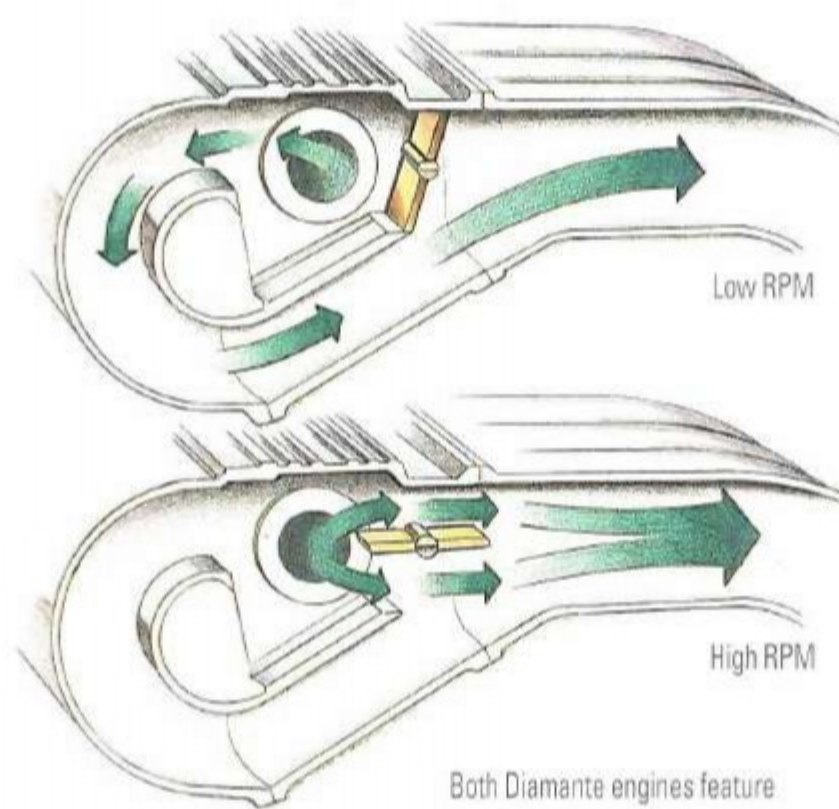
Widely recognized as a world leader in the manufacture of high performance powerplants, Mitsubishi has developed two versions of its 3.0-liter electronically fuel-injected V-6 engine for Diamante: a double overhead cam 24-valve, producing 202 horsepower for Diamante LS, and a single overhead cam 12-valve, producing 175 horsepower for Diamante.

The DOHC engine develops 27 more horsepower than the SOHC version, due primarily to the exceptionally high intake and exhaust flow created by the use of four valves per cylinder. Monitored and controlled by the most powerful microprocessor in automotive use, it is an engine of refinement and technical sophistication. Providing a potent blend of power and efficiency, it is capable of propelling the Diamante LS from zero to 60 in 8.9 seconds*

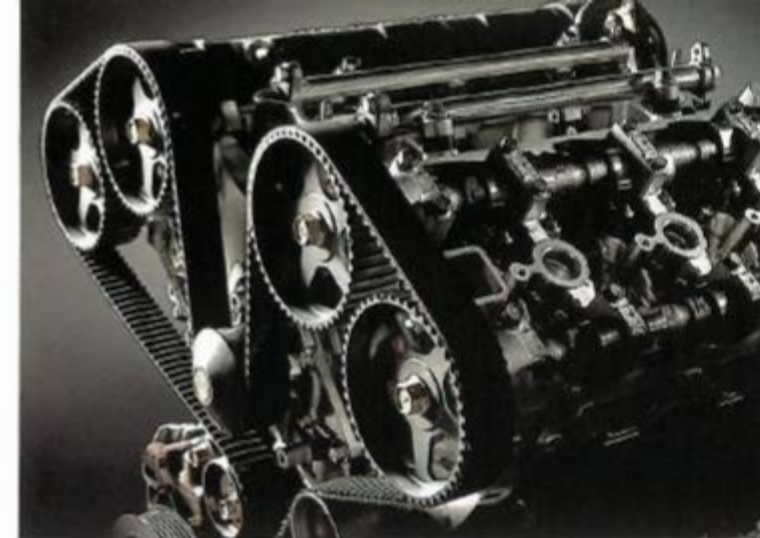
The abundant output of both engines is transferred to the drive wheels with fluid efficiency through a sophisticated computer-controlled four-speed automatic overdrive transmission. A stout transaxle assembly of high torque capacity, it features driver-select Power and Economy modes (for enhanced fuel efficiency, or improved acceleration) and overdrive lockout (for improved hill-climbing and stop-and-go performance).

*Car and Driver, May 1991.

DIAMANTE



Both Diamante engines feature MVIC, Mitsubishi's Variable Induction Control system. Each cylinder draws air from two induction ports: a long-and-thin port (top) for high-speed/low volume air intake at engine speeds below 3500 rpm; and a short-and-wide port (bottom) for high volume air intake at engine speeds above 4500 rpm. Each cylinder draws from its two ports individually, or in combination, for maximum intake efficiency and throttle response, from idle to redline.



The Diamante LS engine employs four belt-driven camshafts to actuate four valves per cylinder. To efficiently respond to the engine's increased fuel demands, fuel injector tips are fitted with twin spray nozzles to precisely target the dual intake valves.



The Diamante LS elevates transmission technology to a new level by incorporating the added intelligence of ELC-M™ engine/transmission management. The ELC-M control unit is directly linked to the engine management control unit, allowing the ELC-M microprocessor to "inform" the engine of its power requirements. By gently retarding ignition timing and unobtrusively suppressing engine torque between shifts, this ingenious function results in incredibly smooth gear transitions. Additionally, the ELC-M microprocessor monitors every phase of the shifting process, tailoring shift characteristics to driver demands, while monitoring engine torque as it is applied to the transmission. Should the driver stand hard on the accelerator during a passing maneuver, the microprocessor responds with a quick and positive downshift. On the other hand, should the driver apply gentle throttle input, as in normal around-town cruising, the microprocessor softens and smooths the shifting process.

A truly intelligent transmission of unique function and exceptional precision, it is an essential contributor to one of the most advanced powertrain combinations in the industry.



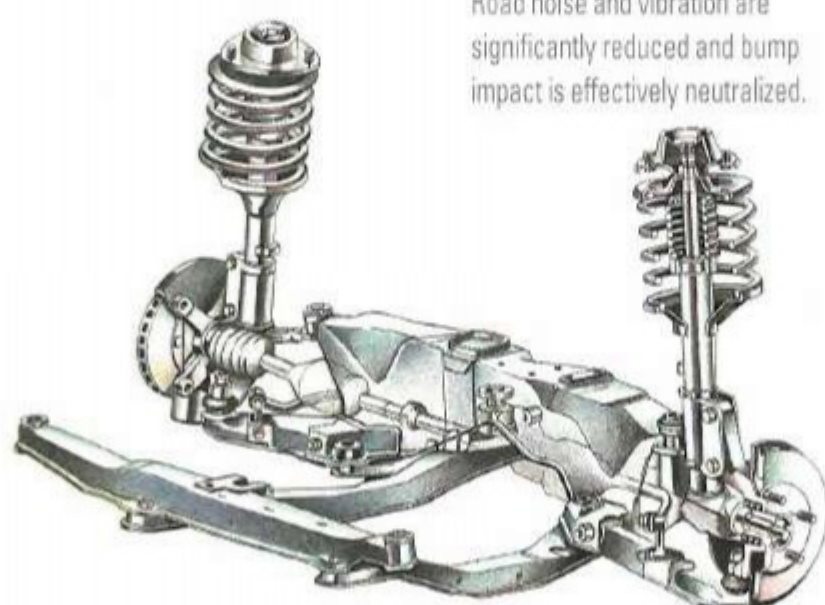
A CHASSIS OF UNIQUE SUBSTANCE, IT IS THE PLATFORM OF DIAMANTE'S TECHNOLOGY AND THE SOUL OF ITS PERFORMANCE.

Wide in track and long in wheelbase, the Diamante chassis offers a rare combination of compliant ride comfort, rock-solid stability and precise surefootedness. A responsive, quick-reflexed chassis of unusual strength and structural integrity, it is the foundation of Diamante's substance and the soul of its superbly balanced performance.

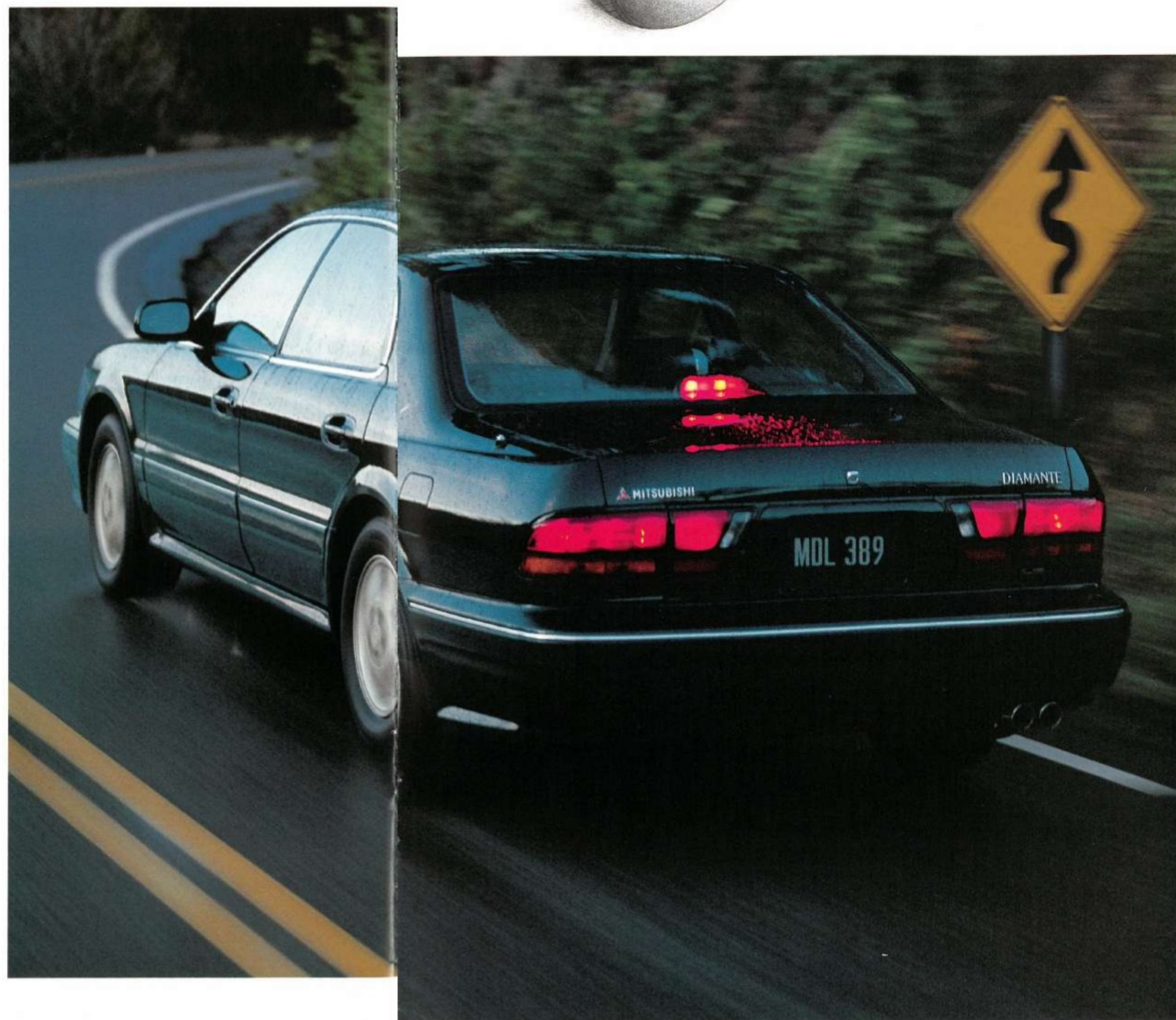
Diamante's world-class ride and handling are the product of a sophisticated fully independent suspension system. The front suspension—designed to take full advantage of Diamante's wide track—employs coil-over struts, lower control arms and stabilizer bar mounted to a rigid, heavily insulated subframe, resulting in superb bump isolation and directional stability. The rear suspension is a multi-link design combining the ride comfort of trailing arms and the extraordinary road-holding characteristics of double wishbones.

The chassis is kept in check by the balanced stopping power of large-diameter ventilated disc brakes at all four wheels. Standard on Diamante LS and optional on Diamante is the increased control and superior all-weather braking performance of an electronic anti-lock system (ABS). Electronic sensors detect pending

Front suspension cross members support the body elastically with eight separate insulators, while the lower arms and stabilizer bar are attached to the subframe by sealed liquid rubber bushings. Road noise and vibration are significantly reduced and bump impact is effectively neutralized.



The rear wheels have been given a slight negative static camber so that side forces applied to the outside wheel during cornering result in a relatively vertical wheel attitude, further improving tire contact with the road and enhancing the vehicle's cornering performance.



wheel lock-up during sudden braking maneuvers. Should a tire begin to lose traction, the system reacts with microsecond quickness to relieve brake pressure and prevent tire slippage. By pulsing the brakes many times per second, the tire maintains a positive grip on the road surface, enabling the car to decelerate quickly and predictably, allowing the driver to maintain steering control and maneuverability.

A splendid integration of advanced technology, Diamante boasts a chassis of uncanny balance and predictability. Proof at every turn of Mitsubishi's conscious attention to the design priorities of driver confidence and passenger safety.



A MOST ENTHUSIASTIC PARTNER IN DRIVING ENJOYMENT, AND AN ACTIVE CONTRIBUTOR TO PASSENGER SAFETY.

If there is an essential element to the Diamante design concept, it is Active Safety," a pervasive commitment to the notion that an automobile must take an active role in passenger safety.

Occupant protection in an accident was an obvious priority objective in Diamante's development, and resulted in such features as a driver-side air bag, a rigid unit body, large frontal crush zone, thick door structures, energy-absorbing steering column, and one-piece bumper skirts of a new high impact energy-absorbing compound called Thermo-Plastic Olefin (TPO).

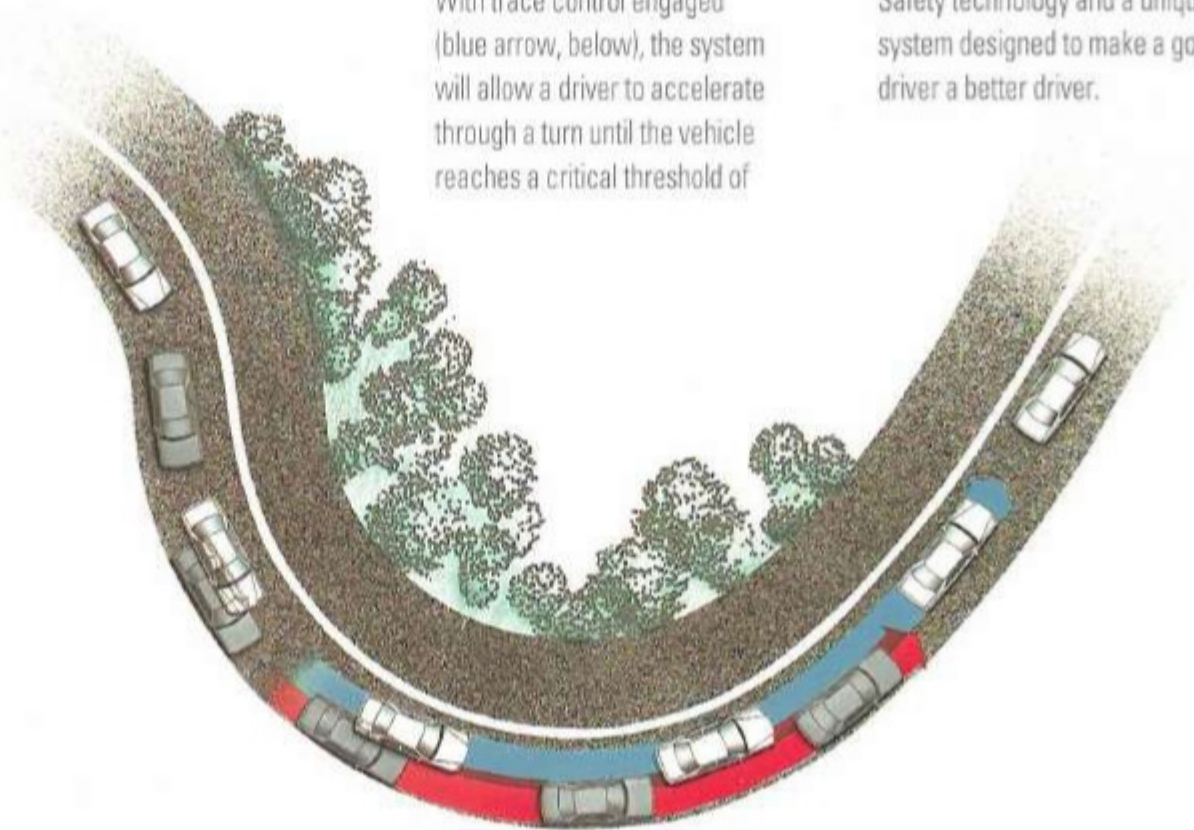
Of primary importance, however, was the issue of accident avoidance; specifically, the development of components and systems which compensate for adverse road and driving conditions the driver is unable to control or predict. Evidence of this commitment to Active Safety can be found in such details as the use of prism lens, projection-type headlamps (for improved visibility in inclement weather), and in the phenomenal steering, traction and handling enhancement of Mitsubishi's exclusive TCL™ Traction Control and Active-ECS™ Electronically Controlled Suspension systems.

Part of the Euro-Handling Package offered on Diamante LS, TCL is a truly unique device which automatically matches engine output to

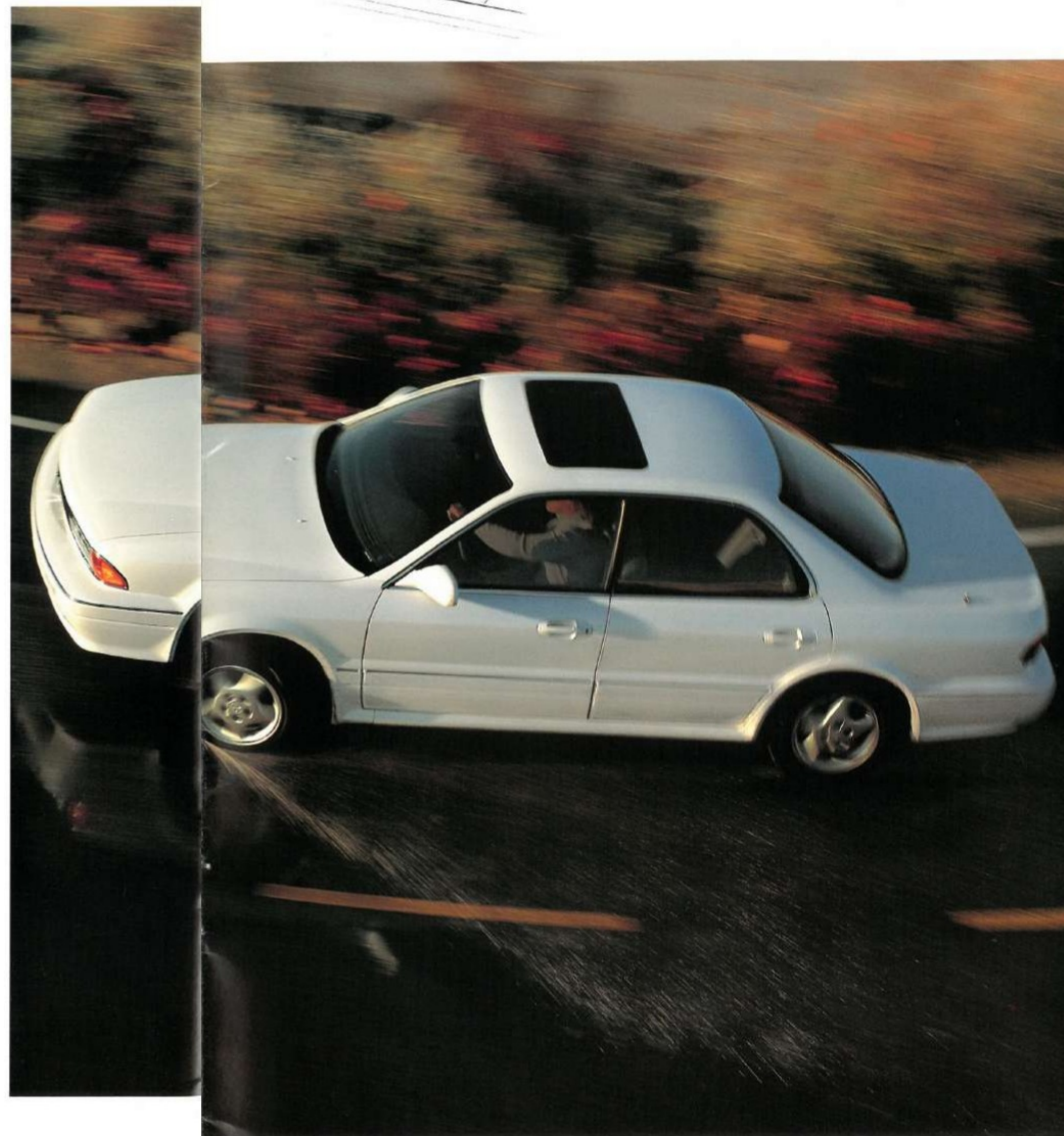
speed, sufficiently below the vehicle's actual cornering capabilities. At this threshold, the system automatically reduces engine output—and thus vehicle acceleration—allowing the driver to trace a desired arc through the turn with a high degree of confidence and control.

Of course, TCL trace control is not a parachute. It is not a fail-safe mechanism for a careless driver travelling at absurd speeds. Trace control is, on the other hand, an important breakthrough in Active Safety technology and a unique system designed to make a good driver a better driver.

TCL trace control monitors steering wheel angle, vehicle speed and throttle opening to calculate the amount of centrifugal (sideways) force acting on the car when accelerating through a curve. Through extensive testing, engineers have determined Diamante's maximum cornering capabilities without TCL (red arrow, below). With trace control engaged (blue arrow, below), the system will allow a driver to accelerate through a turn until the vehicle reaches a critical threshold of



A driver-side air bag supplemental restraint system is standard on all Diamantes. Automatically deploying within milliseconds of a severe frontal collision, the air bag is designed to supplement Diamante's three-point shoulder/lap harnesses, providing an extra measure of protection by cushioning the driver's head and upper torso.



driving conditions, providing both wet surface traction control and dry surface trace control. Utilizing a high speed microprocessor, TCL traction control deftly manipulates engine output to match drive wheel adhesion with the road, enabling a driver to accelerate smoothly over slippery road surfaces. On dry pavement, TCL trace control allows a driver to accelerate through a turn until the vehicle reaches a programmed threshold of speed which is sufficiently below the vehicle's known cornering capabilities. At that threshold, engine output is reduced by retarding ignition and, if necessary, by reducing fuel delivery.

A simple concept of exceptional usefulness, TCL is complemented by Active-ECS, a fully automatic electronically controlled suspension system of exceptional refinement and effectiveness. Active-ECS automatically adjusts shock damping, air spring rate and ride height according to the driving mode selected, surface road conditions, body movement, vehicle speed and laden weight. The system limits body roll during cornering, dive during braking and squat during acceleration, providing an uncommon blend of compliance and stability. A total performance design of broad flexibility and precise balance, Active-ECS is an enthusiastic partner in driving enjoyment, and an active contributor to passenger safety.



TECHNICAL INFORMATION: 1992 MITSUBISHI DIAMANTE.

LIMITED WARRANTIES

Mitsubishi's confidence in the quality, craftsmanship and reliability of the 1992 Diamante is reflected by the following comprehensive warranties:

- Three-year/36,000-mile New Car Limited Warranty
- Five-year/60,000-mile Powertrain Limited Warranty
- Seven-year/100,000-mile Anti-Corrosion/Perforation Limited Warranty

For complete details on these limited warranties, see your Mitsubishi Motors dealer.

DIAMOND CARE™

Diamond Care is a Mitsubishi Motors exclusive which ensures your new Diamante is thoroughly prepared, inspected and explained prior to delivery. After delivery, a toll-free number brings 24-hour road service. For the first 36 months or 36,000 miles, free towing will be provided to the nearest Mitsubishi Motors dealer for a warrantable repair. And after the first 1000 miles of ownership, you are invited back for a free inspection.

AUTHORIZED MITSUBISHI ACCESSORIES

Your Mitsubishi Motors dealer offers a select choice of factory authorized accessories, including a cellular telephone, mudguards, floor mats, wheel locks and sunroof wind deflector.



Steering wheel remote audio controls are standard on Diamante LS and included on Diamante with the optional graphic equalizer or compact disc player systems. Remote control features may vary.

BUCKLE-UP FOR SAFETY

FEATURES AND OPTIONS

EXTERIOR	DIAMANTE LS	DIAMANTE
Tinted glass	S	S
Prism-type halogen headlamps	S	S
Dual power remote sideview mirrors	S	S
Sideview mirror defoggers	S	NA
Power sliding glass sunroof	O	O
Illuminated door locks	S	S
Aluminum alloy wheels with locks	S	O
Full wheel covers	NA	S
205/65R15 V-rated radial tires	S	S

INTERIOR

Speed sensitive automatic door locks	S	S
Digital quartz clock	S	S
Tilt steering	S	S
Power windows with driver-side auto-down	S	S
7-way adjustable driver seat	S	S
4-way power adjustable driver seat with 2-driver memory	S	NA
4-way power adjustable passenger front seat	O*	NA
Glide-out dual cup holder	S	S
Leather wrap steering wheel	S	S
Leather trim, includes seating surfaces, door trim, and console lid.	O	NA

FUNCTIONAL/MECHANICAL

ETR AM /FM stereo cassette with compact disc player	O	O
ETR AM stereo/FM stereo cassette with preprogrammed graphic equalizer and acoustic tuning	S	NA
ETR AM stereo/FM stereo cassette with graphic equalizer	NA	O
ETR AM /FM stereo cassette	NA	S
Steering wheel remote audio controls	S	O**
Automatic power antenna	S	S
Electric rear window defroster w/timer	S	S
Cruise control, full function	S	O
Variable speed intermittent wipers	S	S
Air conditioning, integrated with heater	S	S
Automatic temperature control system	S	S
Theft protection device	S	S



Standard equipment on Diamante LS is a six speaker AM stereo/FM stereo cassette with a preprogrammed graphic display equalizer, acoustic tuning, portable CD input jack and steering wheel remote controls. An AM/FM stereo cassette with compact disc player is

also available. As an added measure of security, both Diamante models feature a passive arming theft deterrent system.

SPECIFICATIONS

ENGINE

Type	DOHC 24-valve V-6
Bore & stroke (mm/in.)	91.1x76.0/3.59x2.99
Displacement (cc/cu.in.)	2972/181.3
Compression ratio	10.0:1
Horsepower @ rpm	202 @ 6000
Torque @ rpm (lbs-ft)	199 @ 3000

ENGINE

Type	SOHC 12-valve V-6
Bore & stroke (mm/in.)	91.1x76.0/3.59x2.99
Displacement (cc/cu.in.)	2972/181.3
Compression ratio	10.0:1
Horsepower @ rpm	175 @ 5500
Torque @ rpm (lbs-ft)	185 @ 3000

DRIVETRAIN

Type	Front-wheel drive
Transmission	Four-speed automatic
TCL™	Dual-mode traction and trace control, optional on Diamante LS.

SUSPENSION

Type	Four-wheel independent
Front	Coil-over strut, stabilizer bar
Rear	Multi-link, upper and lower control arms, trailing arms, lateral assist links, coil springs, stabilizer bar
Active-ECS™	Electronically controlled suspension, optional on Diamante LS

BRAKES

Type	Four-wheel vented disc
Diameter (mm/in.)	
Front	287/11.3
Rear	279/11
ABS	Four-sensor, three-channel anti-lock, standard on Diamante LS, optional on Diamante

STEERING

Type	Power-assist rack-and-pinion
EPS-II™	Vehicle speed-variable electronically controlled power steering, standard on Diamante LS

EXTERIOR DIMENSIONS (MM/IN.)

Wheelbase	2720/107.1
Overall length	4830/190.2
Overall width	1775/69.9
Overall height	1410/55.5
Track	
Front	1535/60.4
Rear	1530/60.2

INTERIOR DIMENSIONS (MM/IN.)

Front	head room	38.6	leg room	43.9
Rear	head room	36.9	leg room	34.2

WEIGHTS AND CAPACITIES

Trunk volume (cu. ft.)	13.6
Passenger volume (cu. ft.)	94.1
Fuel capacity (gal)	19.0
Curb weight (kg/lb)	
Diamante LS	1590/3505
Diamante	1555/3428

EXTERIOR/INTERIOR COLORS†



Glacier White Pearl
Ash Gray (fabric or leather)



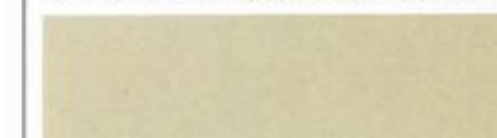
Athens Silver Pearl
Ash Gray (fabric or leather)



Black Forest Green
Mahogany (fabric), Palomino Tan (leather)



Mesquite Gray Pearl
Ash Gray (fabric or leather), Palomino Tan (leather)



Nairobi Beige Metallic
Mahogany (fabric), Palomino Tan (leather)



Hampton Green Pearl
Ash Gray (fabric), Palomino Tan (leather)



Westport Blue Pearl
Ash Gray (fabric or leather)



Morocco Red Pearl
Ash Gray (fabric or leather)

†All exterior colors listed are available on all Diamante models. Please note that leather trim interior is only available on Diamante LS.

*Available with leather trim option only. **Included with CD player or graphic equalizer only.

Note: EPA figures not available at the time of printing. See your Mitsubishi Motors dealer for mileage figures. Technical data, features, options and other equipment shown in this brochure are based on the latest information available at the time of printing and are subject to change without notice. Some vehicles are shown with optional equipment. For further information on additional options and accessories, contact your Mitsubishi Motors dealer. Availability of vehicles with specific features may vary. Headlights, parking lights and fog lights on vehicles lighted for illustration purposes only. Part #MMSA-ADV-5553. Little in U.S.A. © 1991 Mitsubishi Motor Sales of America, Inc.

mitsubishi
The word is getting around. 