

MITSUBISHI  
ECLIPSE







## Try not to stare.

From ancient times, astronomers have defined an eclipse as the passage of a celestial body between an observer and the sun.

Today, an Eclipse is the passage of a celestial body with the observer in it. The Mitsubishi Eclipse: the enthusiast's sports coupe, embodying high style,

exceptional performance and remarkable value.

Observe one closely. Aerodynamic design arrests your attention. Clean, flowing lines form a seamless presence that cleaves the air with a whisper; a rounded wedge, shaped by the wind to run like the wind.

Choose your excitement. Five Eclipse models offer a selection of powerplants: 2.0-liter, 16-valve DOHC intercooled, turbocharged



engine; 2.0-liter, 16-valve DOHC engine; or 1.8-liter, SOHC engine. All rev eagerly, smoothly.

Eclipse: Experience the spectacular motion of a heavenly body.

*Eclipse GSX Turbo's 195 horsepower engine propels the car from zero to 60 in a breathtaking 6.3 seconds\* and generates 203 lbs.-ft of torque. \*Car and Driver*

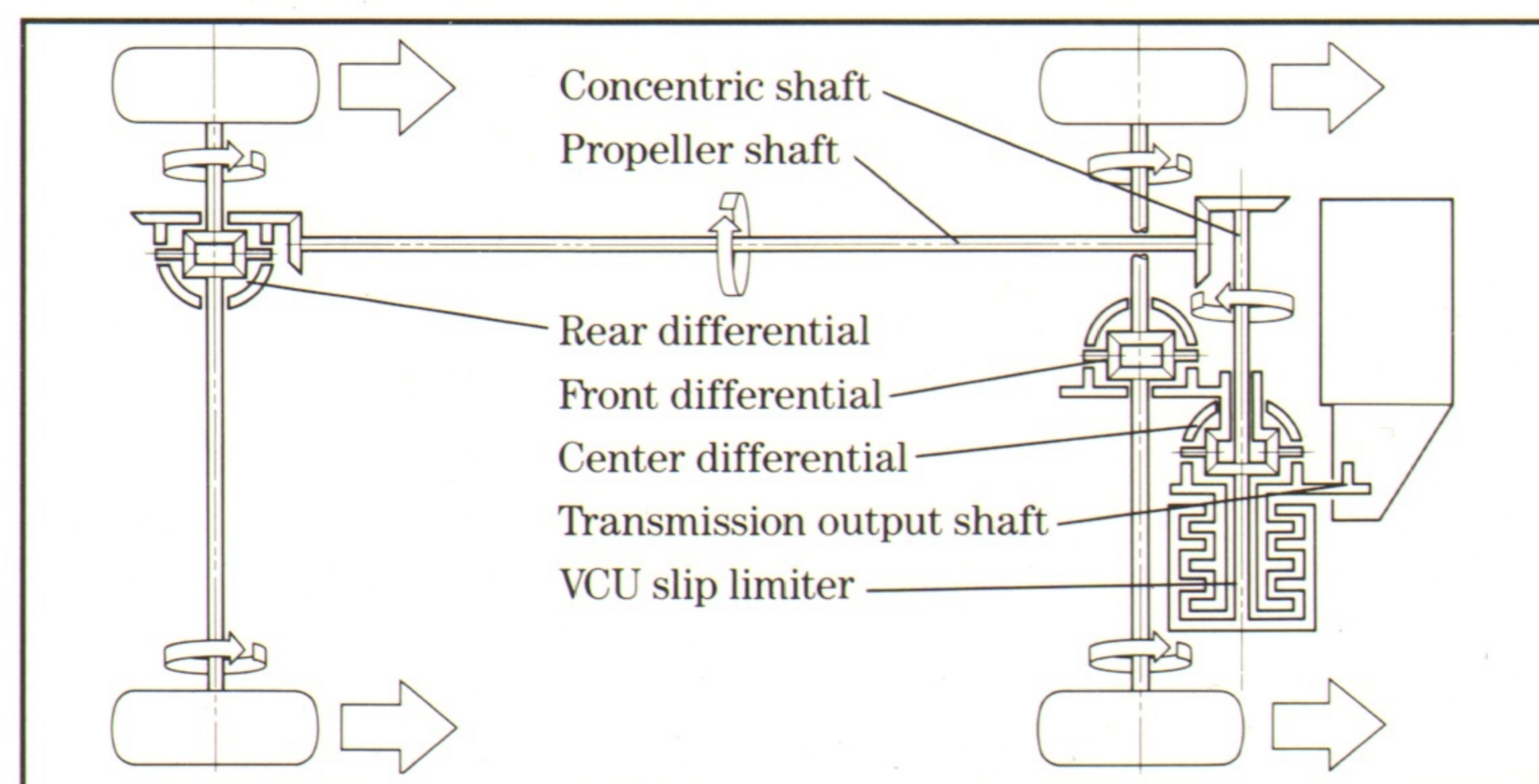


# How to harness the power of an Eclipse: Use all four wheels.

The new Mitsubishi Eclipse GSX Turbo: Ultra-high performance, refined and enhanced by the capabilities of all-wheel drive.

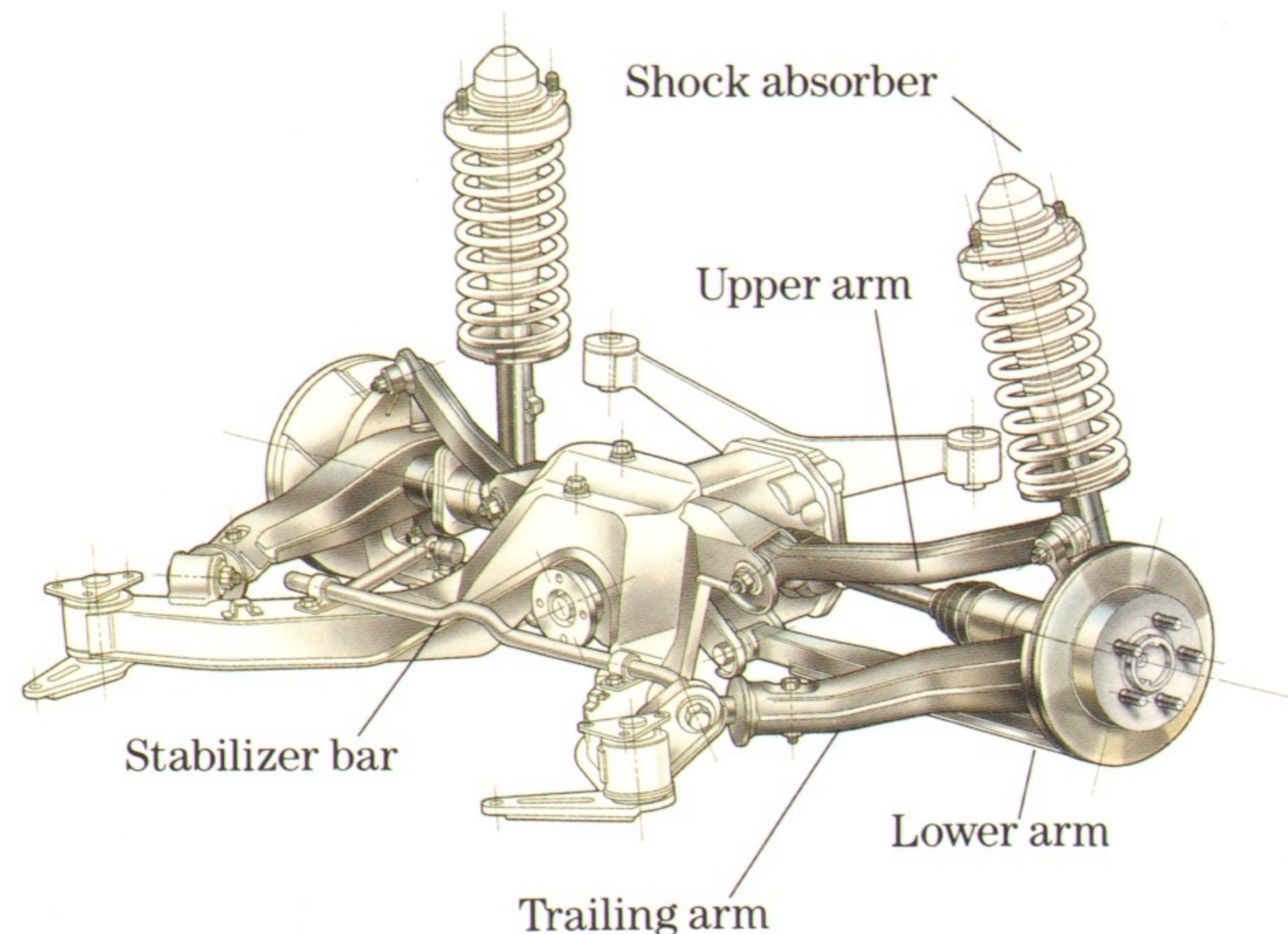
Power flows from the 195-horsepower, fuel-injected, DOHC turbocharged and intercooled engine. All that motivating energy is harnessed and delivered to all four wheels, full time.

*The benefits of Mitsubishi's all-wheel drive system: improved standing-start and high-speed acceleration; improved straight-line stability; smoother cornering; shorter, more stable braking; excellent traction on poor road surfaces.*



The GSX's sure tracking begins with Mitsubishi's full-time, all-wheel drive system. For efficiency, it combines a center differential and a viscous coupling in one compact design. The system creates a "push-pull" effect by biasing torque front-to-rear in a fluid, infinitely variable manner. Under normal conditions, torque is split 50-50, front-to-rear; in effect, evenly proportioned to all four wheels.

However, should one or more



tires lose traction—due to hard acceleration, or a slick road surface—the system instantly reacts by biasing torque to those tires with the best grip. Front-tire traction loss and torque steer are effectively neutralized. Control is precise and sure.

For the all-wheel drive GSX, Mitsubishi engineers developed and integrated a new fully independent rear suspension to blend control, balance, responsiveness and handling with exceptional impact isolation and ride smoothness.

The new rear suspension combines multi-link upper and lower control arms—which minimize camber changes and maximize tire grip—with the superior ride characteristics of trailing arms. A special self-aligning toe-control link constantly keeps the rear wheels aligned with the direction of the vehicle by automatically neutralizing the forces created during acceleration, braking and cornering.

The front suspension is a refined MacPherson strut design with twin crossmembers for exceptional rigidity and suspension alignment and a dual insulation system for comfort.

The result of all this engineering is best understood through experience. Just step on the Eclipse GSX Turbo's accelerator and feel performance and control at all four wheels.

*Eclipse GSX Turbo with all-wheel drive. "This is a terrific, over-the-road, all-weather car for any season." Motor Trend, July, 1989.*







## The aesthetics of ergonomics.

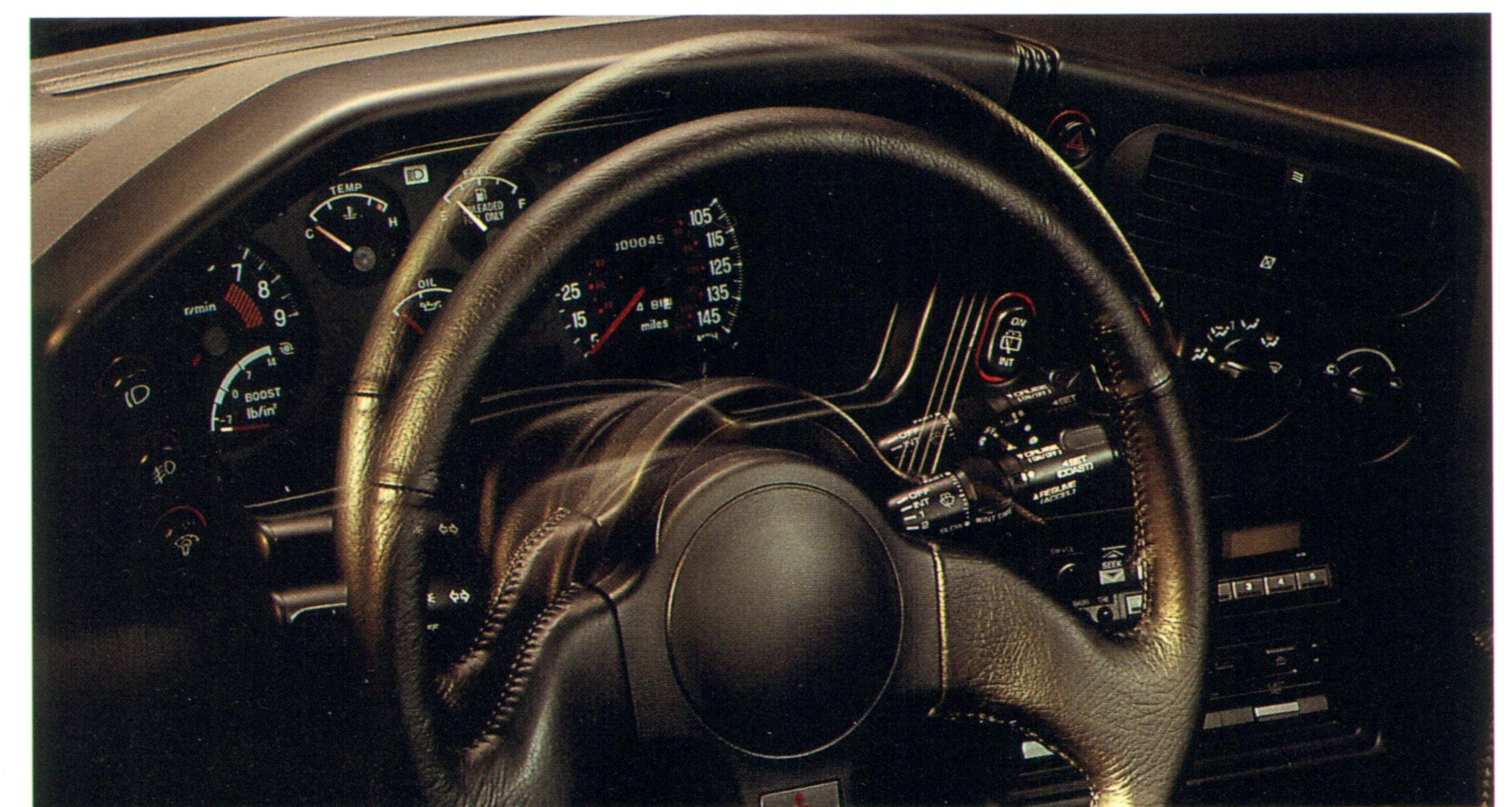
Enter an Eclipse GS or GSX and you're greeted by a masterfully designed driving environment. The wraparound dash curves toward you presenting easy access to all switches, dials and controls.

Directly ahead, the information panel, complete with large analog gauges. Monitor lights alert you when routine functions need attention.

To the right, controls for the bi-level ventilation/heater/defroster; rear-window wiper/washer and available air conditioning. Just below, an electronically tuned AM/FM stereo/cassette fills the cabin with sound from six speakers.

Stalks on the tilt steering column control lights, wiper/washer and optional cruise control. And switches in the driver's door armrest put control of the dual power remote mirrors, available power windows and door locks at your fingertips.

Everything where serious drivers will want them.



*A thickly padded, leather-wrapped steering wheel is standard on GS Turbo and GSX. All Eclipse models feature the convenience of a tilt steering wheel.*





*Supple leather front seats with glove-soft vinyl sides and back are an available option in the Eclipse GSX Turbo.*

## Enjoy the performance.

Settle into the ergonomically designed interior. Notice how the contoured bucket seat firmly cradles you. Position the adjustable driver's seat for maximum comfort. On GS models: recline; fore and aft; lumbar support. The GSX adds adjustable thigh, side bolster and headrest support.

Rich velour fabric "grips"; the contoured seat supports you firmly even during spirited driving around hairpin turns. You're in an environ-

ment that relaxes, yet keeps you alert to every nuance of the road.

Glance around. Everywhere you look you'll find thoughtfully placed conveniences: remote hood, hatch and fuel-filler door releases; fade-out dome courtesy light with twin maplights; dual visor vanity mirrors; cargo area and footwell lamps.

Under the rear hatch, a carpeted cargo area stows luggage, packages and sports gear. The sculpted rear seat folds down when not in use,

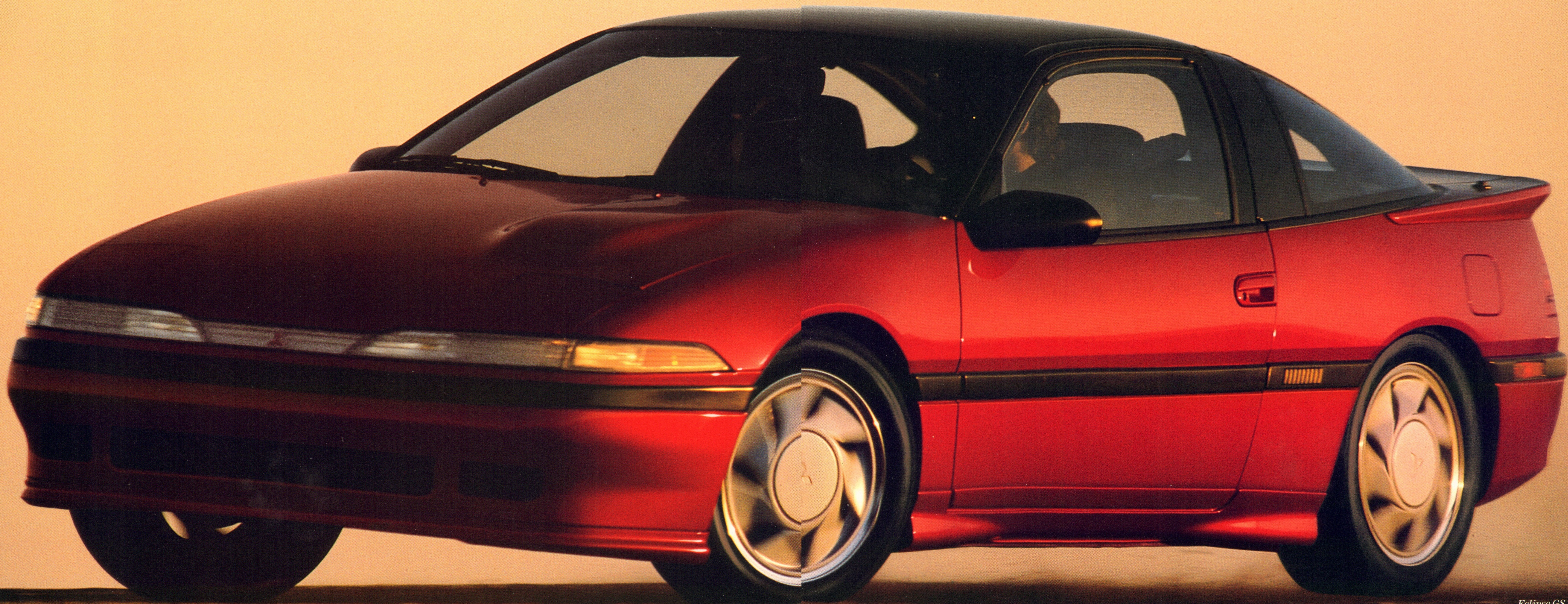
providing generous room for extra cargo. The Eclipse GSX boasts a split fold-down rear seat that accommodates a passenger plus long or bulky items.

Mitsubishi pays careful attention to your driving environment, so you can turn your attention to the driving experience.



*Rich velour fabric upholstery is standard on all Eclipse models.*





Eclipse GS Turbo

## A sports coupe designed to exhilarate.

Eclipse GS Turbo's styling is as much science as art. Its lean, fluid design—with integrated aerodynamic front air dam, side sill extensions and rear spoiler—produces a slippery 0.294 coefficient of drag. It's also the only production

car in the world with a frontal lift coefficient of zero. The Eclipse GS Turbo slices through the wind instead of resisting it.

Takeoff is brisk; the 2.0-liter, 16-valve DOHC intercooled, turbocharged engine launches you from a standstill to 60 mph in a breathtaking 6.6 seconds.\*

Wide track, low stance and V-rated radials on big 16-inch cast alloy wheels keep you stable in the straightaways, flat in the corners.

As you turn, notice the enhanced road feel afforded by the rack-and-pinion steering with variable power assist. No surprises.

Touch the brake pedal. Huge power-assisted 4-wheel disc brakes modulate predictably, bringing you confidently to a smooth stop.

For those who prefer responsive performance without turbocharging, choose the Eclipse GS DOHC 16-valve. Either engine will exhilarate your driving spirit.

\*Car and Driver, January, 1989.



Team Mitsubishi fields the Eclipse GS Turbo in the IMSA International Sedan series. The all-wheel drive Eclipse GSX, with its superior handling and traction, will join the team at the beginning of next season.



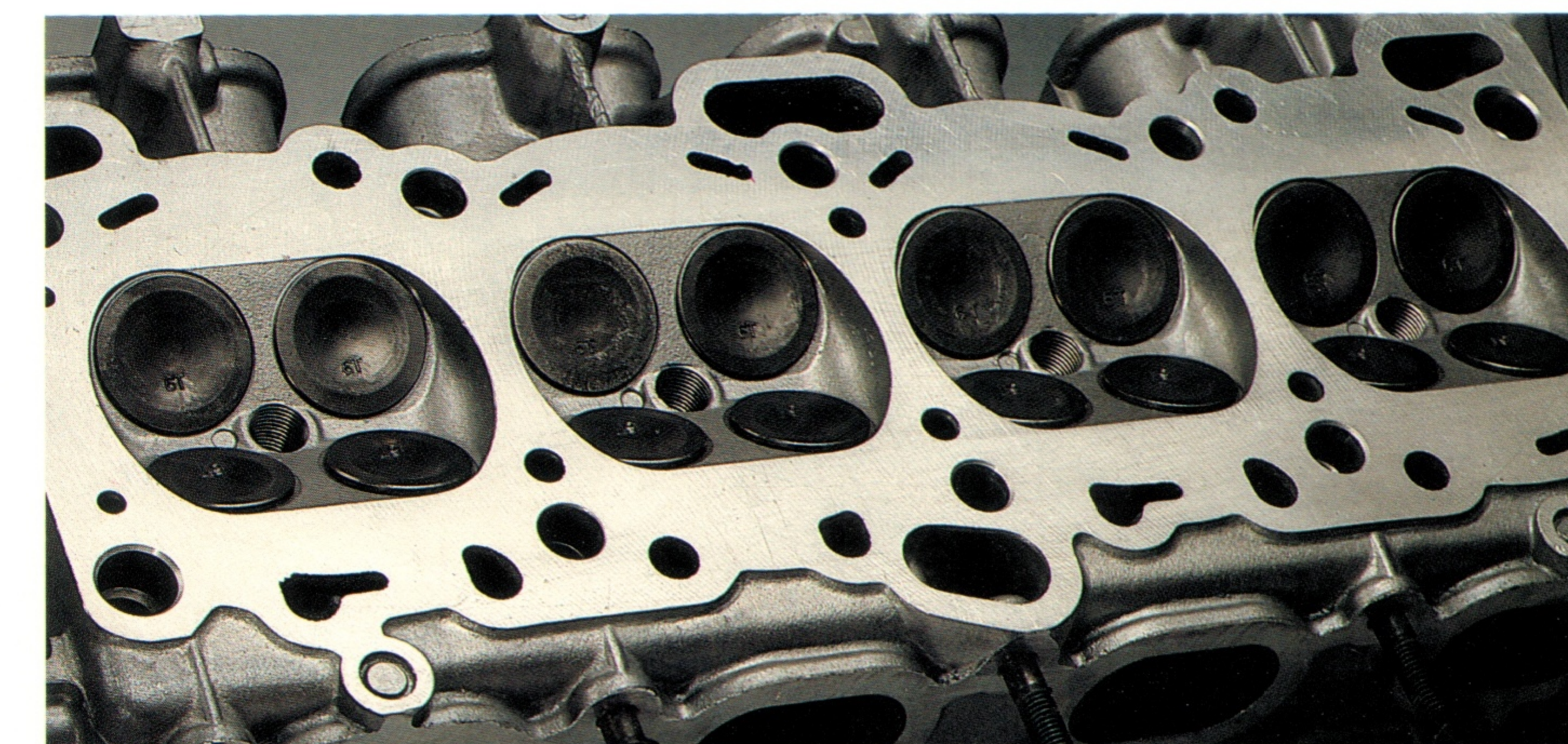
Nearly 100 horsepower per liter: little short of astonishing.

The inspiration that moves Eclipse to deliver pavement-singeing performance is its 2.0-liter DOHC 16-valve engine. Available in two configurations—normally aspirated or turbocharged and intercooled—this engine employs one of the most-advanced cylinder heads available in a production car.

Belt-driven dual overhead camshafts activate two intake and two exhaust valves for each of the

The combustion chamber's pent-roof design creates a turbulent, high-swirl air-fuel mixture, and channels it to the centrally located spark plug for maximum burn efficiency.

In turbocharged form, the 2.0-liter Eclipse engine delivers 190 horsepower—nearly 100 horsepower per liter—and 203 lbs-ft of torque. The use of an air-to-air intercooler reduces charge-air



*The Eclipse DOHC 16-valve pent-roof cylinder head creates a turbulent, high-swirl air-fuel vapor, channeling the mixture toward the centrally located spark plug for optimum burn efficiency.*

four cylinders. Using two intake and exhaust valves per cylinder dramatically increases the volume and velocity of the air-fuel intake mixture and the exhaust of burned gases. The engine breathes deeply, powerfully.

Cam lobes on each camshaft actuate roller-bearing rocker arms, a design which greatly reduces friction, wear and noise. As one end of the rocker arm pushes and releases the valve stem, the other end, positioned by a hydraulic valve lash adjuster, automatically maintains precise valve-clearance tolerances by compensating for heat expansion and wear.

temperature, delivering a denser air-fuel load to the combustion chambers and allowing higher turbo boost and greater power output. A slightly modified, less restrictive exhaust system boosts horsepower to 195 in the Eclipse GSX Turbo.

Turbo or normally aspirated, the Mitsubishi 2.0-liter DOHC engine is highly motivating.



*The Eclipse DOHC 16-valve powerplant is an in-line four-cylinder design. Four valves per cylinder and a large-port exhaust manifold combine to enhance intake and exhaust flow.*





*Eclipse GS DOHC 16-Valve responds with 135 horsepower at 6,000 rpm.*

Astronomical.  
But not  
astronomical.

Clean, lean sports-coupe styling. Spirited, responsive performance. And a very affordable price tag. Eclipse, Eclipse GS and Eclipse GS DOHC 16-Valve satisfy your desire for pure driving pleasure without depleting your resources.

All feature an eager multipoint fuel-injected engine that meshes its power curve perfectly to the gear ratios of the standard 5-speed manual transmission.

Inside, a sporty driving environment reflects your personal sense of style. Adding to your driving pleasure: adjustable front bucket seats; tilt steering; generous console; and full instrumentation including tachometer.

Eclipse provides sound entertainment with an electronically tuned AM/FM stereo and four speakers. Eclipse GS and GS DOHC 16-Valve keep you humming with an electronically

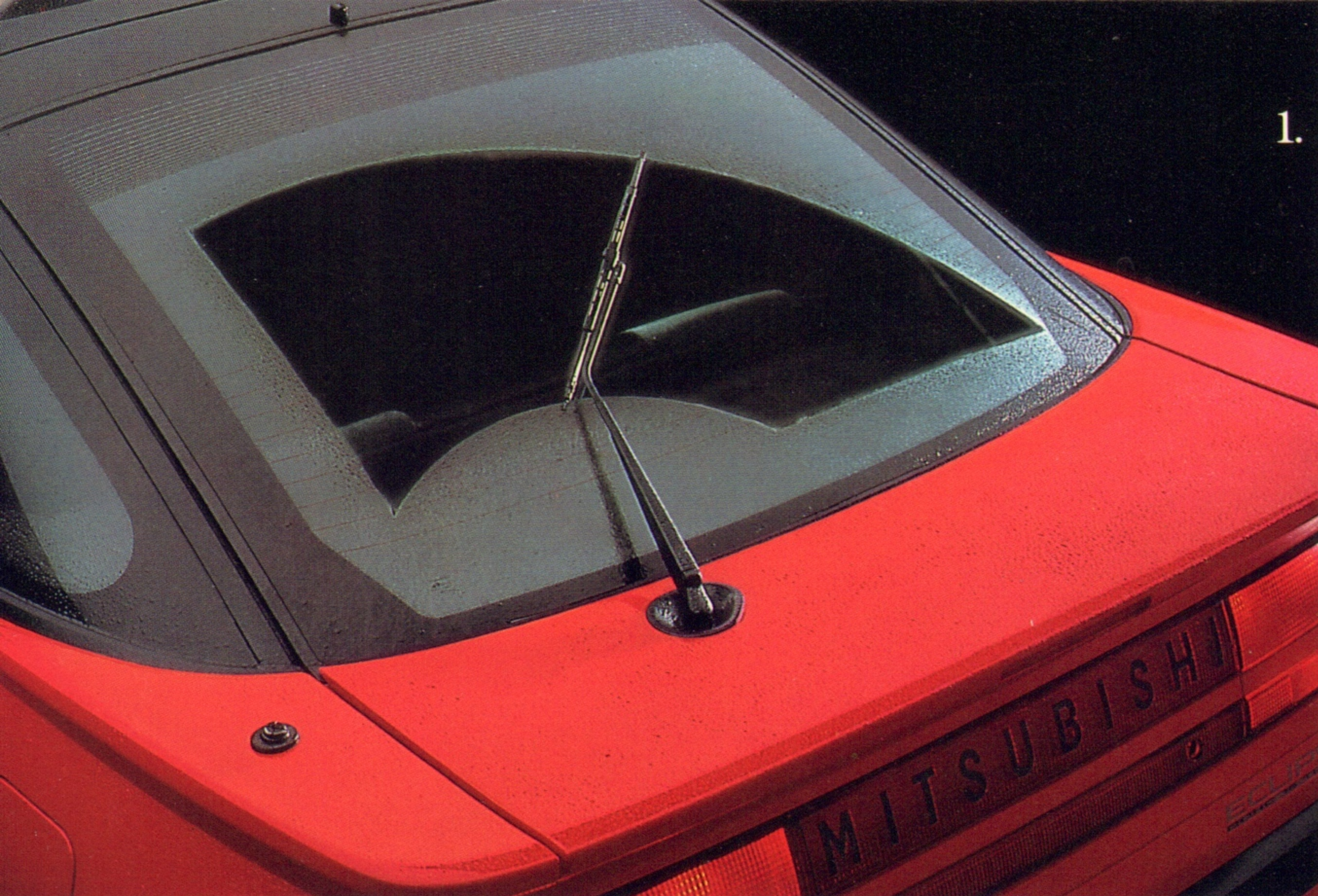


*Power-assist (optional on Eclipse) rack-and-pinion steering offers parking ease without diminished road feel. Power-assisted 4-wheel disc brakes bring you to smooth, sure stops.*

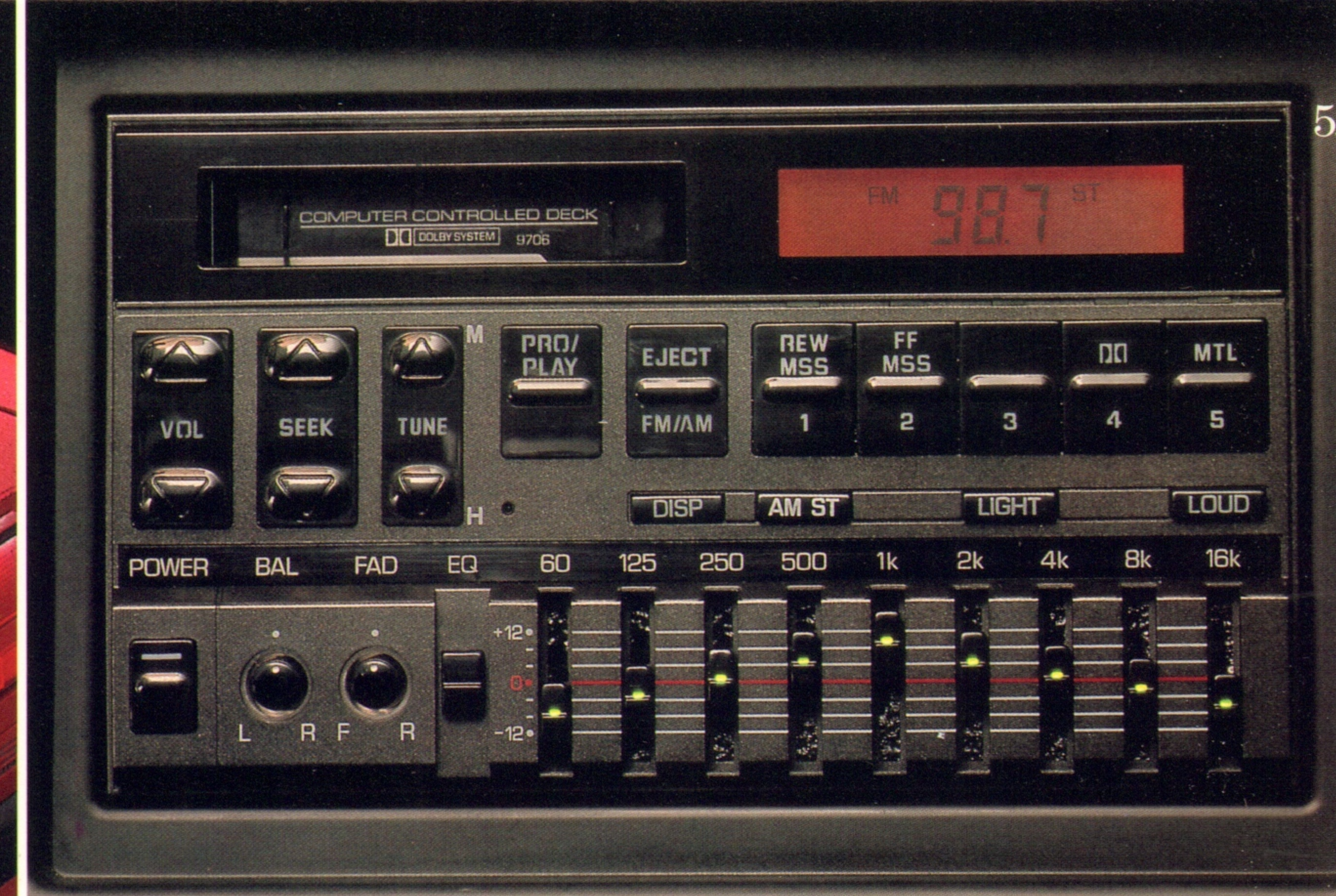
tuned AM/FM stereo/cassette and six speakers.

Eclipse, Eclipse GS and Eclipse GS DOHC 16-Valve: three very affordable ways to express your flair for driving excitement.





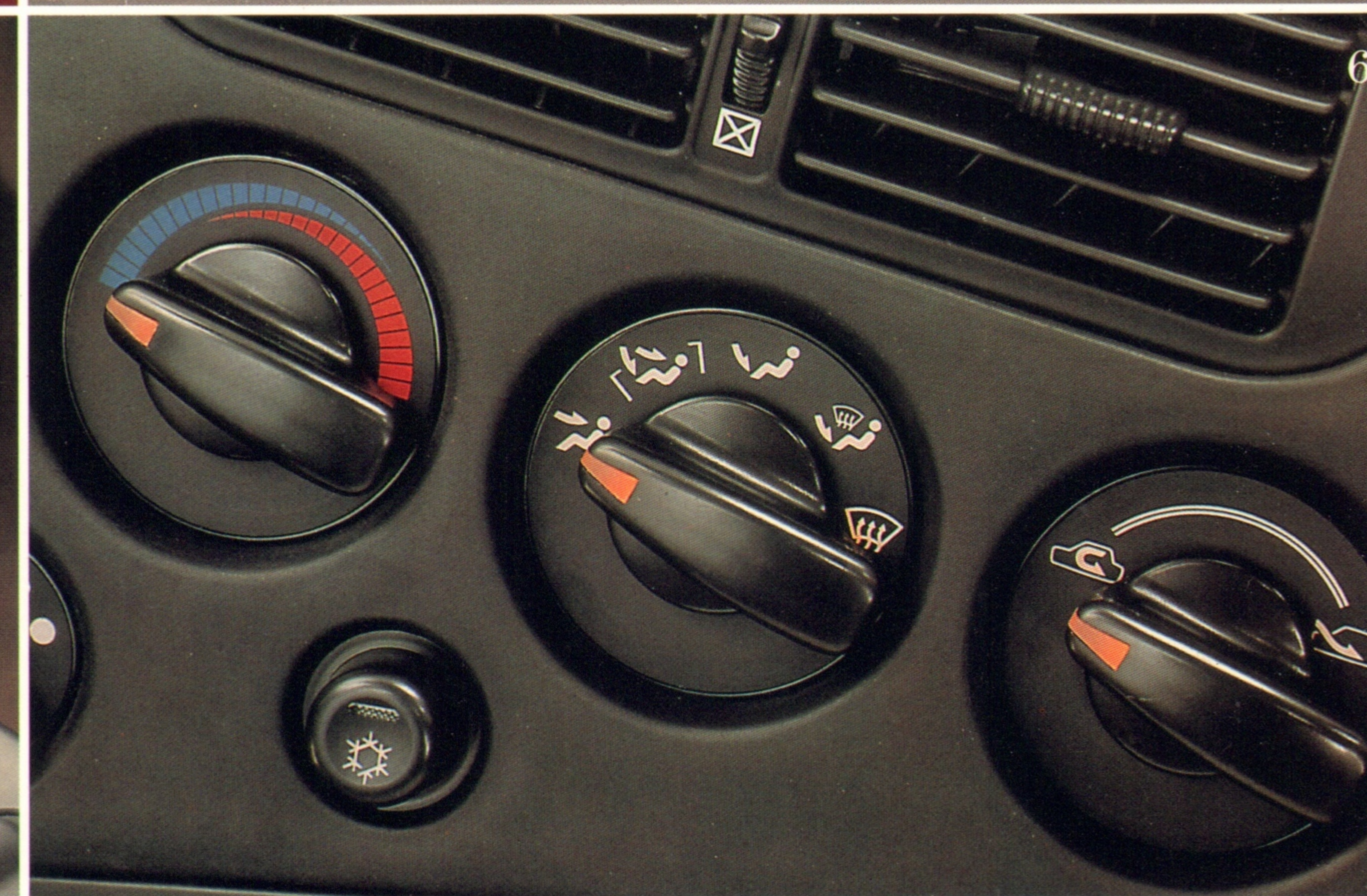
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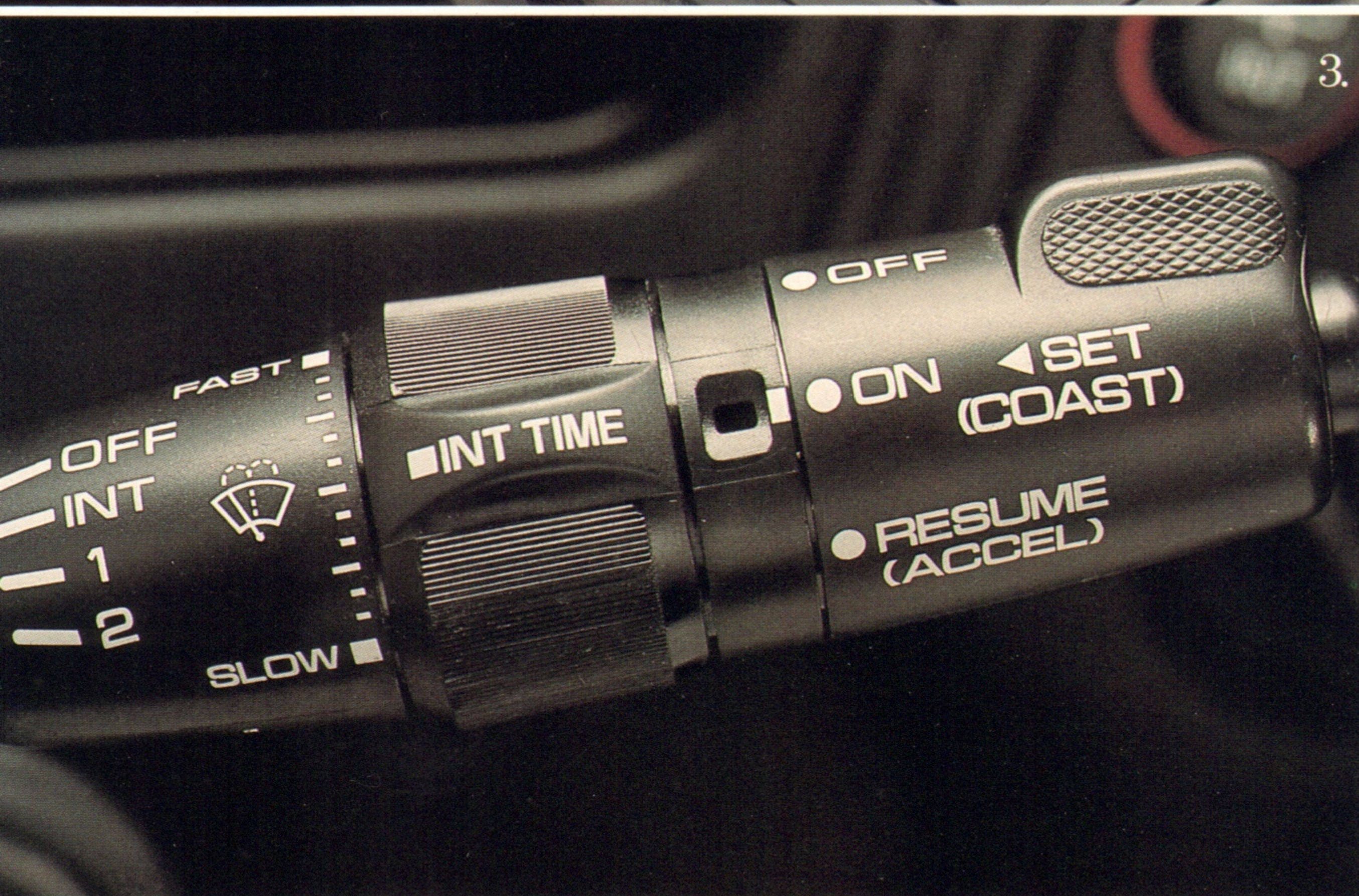
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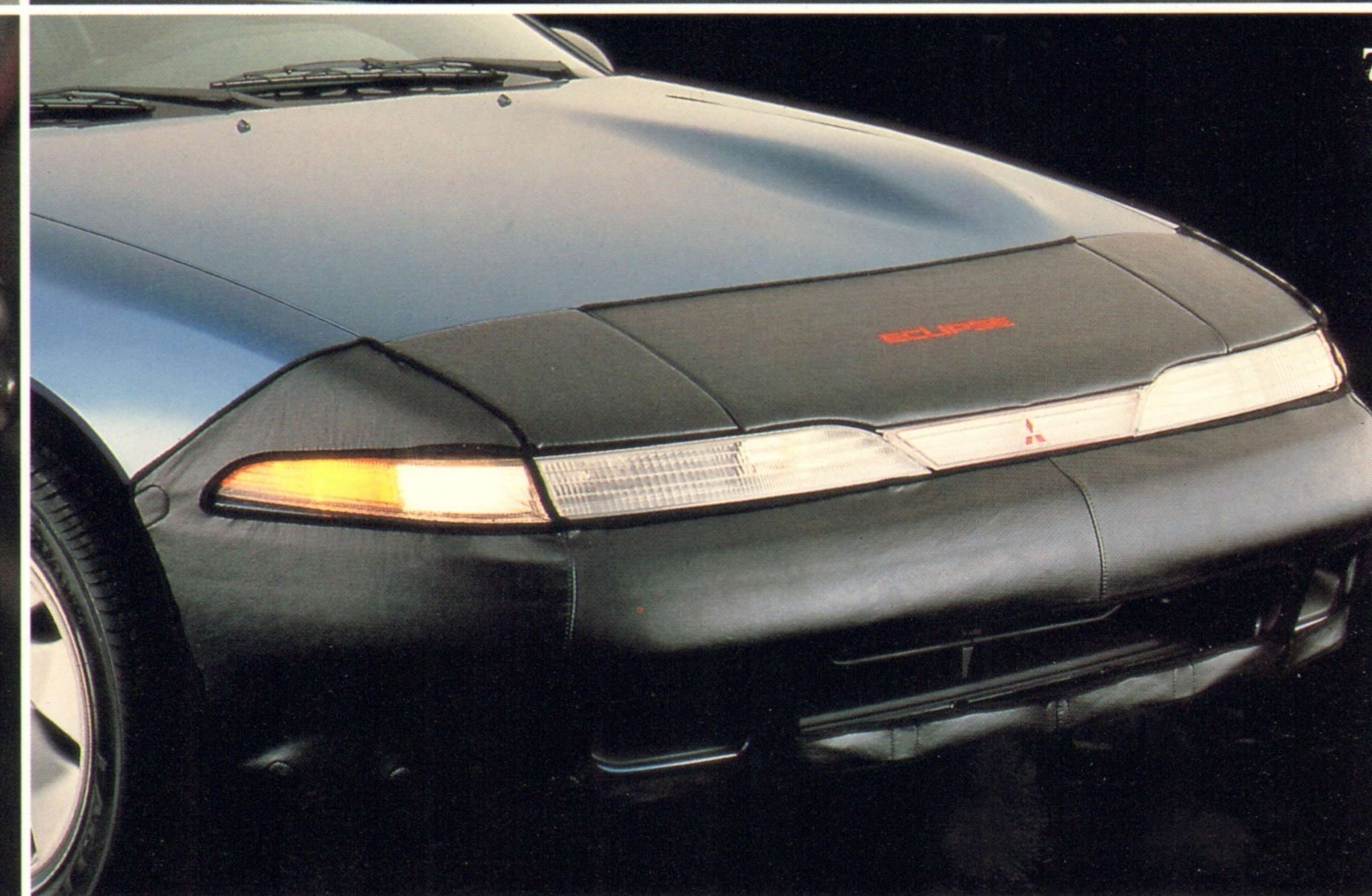
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## Features, options and accessories. Resumé of a well-equipped sports coupe.

1. A rear wiper/washer keeps the rear view clear. Standard on Eclipse GSX and GS Turbo. Optional for other Eclipse models.
2. The 4-speed automatic overdrive transmission features Power/Economy shift modes for fuel efficiency. Available for Eclipse, Eclipse GS and GS DOHC 16-Valve.



3. The convenience of cruise control is standard on Eclipse GSX. An option for other Eclipse models.
4. Power windows and door locks are controlled from the driver's door armrest. Power window control offers a one-touch Auto-down driver's side feature. An option for all Eclipse GS models.

5. An electronically tuned AM/FM stereo with four speakers adds to your driving pleasure. Standard on Eclipse. An electronically tuned AM/FM stereo/cassette

with six speakers is standard on Eclipse GSX and all GS models. The addition of a graphic equalizer is an option for all GS models; a compact disc system is an option for Eclipse GSX and GS Turbo.

6. The air-conditioning system includes an Economy mode for fuel efficiency. An option for all Eclipse models.

7. A nose mask protects against dirt and debris. An authorized Mitsubishi Dealer accessory.

8. Mitsubishi Triple Diamond Vehicle Security System features intrusion monitoring for the doors, hood and hatch; two remote control transmitters and a three-position impact sensor. A remote power door lock controller is available as an option. (Eclipse GSX Turbo offers an optional factory-installed integrated security alarm system.)

Other authorized Mitsubishi Motors Dealer accessories:

- Floor mats.
- Door edge guards.
- Foglights
- Car cover.
- Mudguards.
- Roof rack system.

A pop-up/removable glass sunroof with integral sunshade is an available option for all Eclipse models.



3/36 WARRANTY

Mitsubishi's confidence in the quality of materials and reliability of craftsmanship used to build their 1990 vehicles is exemplified by the longest warranties in Mitsubishi history.

• 36-month/36,000-mile basic new vehicle limited warranty provides extensive protection for your new car or truck.

• 3-year/unlimited mileage anti-corrosion perforation limited warranty.

• 7-year/100,000-mile anti-corrosion perforation limited warranty. For complete details on these limited warranties, see your Mitsubishi Motors Dealer.

DIAMOND CARE<sup>SM</sup>

Diamond Care, Mitsubishi's comprehensive new-vehicle delivery program, is designed to ensure that your new Mitsubishi vehicle is thoroughly prepared, inspected and its features explained. We even make sure that the gas tank is full before you leave.

But Diamond Care doesn't end when you leave the dealership. A toll-free number brings free emergency road service 24 hours a day; a "credit card" key helps avoid lock-outs; and, after your first 1,000 miles, you're invited back for any needed service caused by normal vehicle use—absolutely free.

## Technical Specifications.

ENGINE		STD/GS 1.8	GS 2.0 DOHC	GS TURBO/ GSX TURBO
Model No. and Type		4G37 1.8 L, SOHC 8V 4-cyl. Inline	4G63 2.0 L, DOHC 16V 4-cyl. Inline	4G63 2.0 L, DOHC 16V 4-cyl. Inline
Bore & Stroke (mm/in.)		80.6 x 86 (3.2 x 3.4)	85 x 88 (3.3 x 3.5)	85 x 88 (3.3 x 3.5)
Displacement (c.c./cu. in.)		1755/107.0	1997/122	1997/122
Compression ratio		90:1	90:1	7.8:1
Horsepower @ RPM (bph)		92 @ 5000	135 @ 6000	190 @ 6000 (GSX-195)
Torque @ RPM (lb-ft)		105 @ 3500	125 @ 3000	203 @ 3000
Induction type		Multi-point fuel injection	Multi-point fuel injection	Multi-point fuel injection. Mitsubishi TD05H water-cooled turbo, air-to-air intercooler, 11.06 psi max. boost.
Valve Train		1.8 Liter: Single overhead cam, 2 valves/cylinder, auto valve lash adjusters	2.0 Liter: Double overhead cam, 4 valves/cylinder, roller rocker arms, auto valve lash adjusters	2.0 Liter: Double overhead cam, 4 valves/cylinder, roller rocker arms, auto valve lash adjusters
CLUTCH		STD/GS 1.8	GS 2.0 DOHC	GS TURBO/ GSX TURBO
Clutch Type		Dry single plate		
Diameter (in.)		7.87 in.	8.46 in.	8.85 in.
TRANSMISSION RATIOS (:1)		STD/GS	GS TURBO/GSX TURBO	
5-speed manual		1st/3.363, 2nd/1.947, 3rd/1.285, 4th/0.939, 5th/0.756, Rev./3.083		(GS) 1st/3.083, 2nd/1.833, 3rd/1.217, 4th/0.888, 5th/0.741, Rev./3.166 (GSX) 1st/3.083, 2nd/1.684, 3rd/1.115, 4th/0.833, 5th/0.666, Rev./3.166
4-speed automatic		1st/2.846, 2nd/1.581, 3rd/1.000, 4th/0.685, Rev./2.176		
Final drive ratio		4.332 (5M), 4.007 (4A)		GS TURBO 4.153 (5M), GSX 4.933 (5M)
SUSPENSION				
STD/GS/ GS TURBO	Front type Rear type	Strut-type, independent with stabilizer bar 3-link twist beam with coil springs, stabilizer bar		
GSX TURBO	Front type Rear type	Strut-type, independent with stabilizer bar Independent, upper and lower control arms, trailing arms, toe-control link, with coil springs, telescopic shock absorbers and stabilizer bar		
DIMENSIONS (mm/in.)		STD/GS/GS TURBO		GSX TURBO
Chassis/body construction				
Wheelbase		2470/97.2		2470/97.2
Overall length		4330/170.5		4380/172.4
Overall width		1690/66.5		1690/66.5
Overall height		1306/51.4		1321/52.0
		STD/GS 1.8		GS 2.0/GS TURBO/ GSX TURBO
CURB WEIGHTS (lbs./kg.)		5-speed manual		4-speed automatic
Eclipse		2524/1145		2579/1170
Eclipse GS 1.8		2572/1167		2627/1192
Eclipse GS 2.0		2678/1215		2734/1240
Eclipse GS Turbo		2745/1245		
Eclipse GSX		3095/1395		
STEERING		STD/GS 1.8		GS 2.0/GS TURBO/ GSX TURBO
Type		Rack & Pinion		
Overall ratio				
Manual		23.8:1		15.8:1
Power-assist		15.8:1		
Turning circle curb- curb (ft.)				
Manual		34.1		35.4
Power-assist		35.4		
BRAKES		STD/GS 1.8		GS 2.0/GS TURBO/ GSX TURBO
Front		Power assisted vented disc		
Rear		Power assisted disc		
Diameter front (mm/in.)		264/10.4		264/10.4, 254/10.0 (GSX)
Diameter rear (mm/in.)		263/10.3		263/10.3
Total brake swept area (sq. in.)		381.1		381.1, 367.3 (GSX)
ELECTRICAL SYSTEM		STD/GS 1.8		GS 2.0/GS TURBO/ GSX TURBO
Battery		12-volt, maintenance-free		
Ignition System		Electronic		
Alternator Rating (amps)		65 (AT-75)		75 (GS 2.0-65)
FUEL SYSTEM		STD/GS 1.8		GS 2.0/GS TURBO/ GSX TURBO
Type fuel required		Unleaded		
Fuel pump type		Electronic		
Fuel tank capacity (US gal)		15.9		
WHEELS & TIRES				
STD & ECLIPSE GS 1.8		5.5 JJ x 14 styled steel 185/70SR14 all-season BSW		
GS 2.0 DOHC		6 JJ x 16 styled steel 205/55HR16 all-season performance BSW		
ECLIPSE GS TURBO/ GSX TURBO		6 JJ x 16 machined aluminum alloy 205/55VR15 all-season performance BSW		

## Features & Options.

MECHANICAL/FUNCTIONAL	ECLIPSE 1.8 L	GS 1.8 L	GS 2.0 L	GS TURBO	GSX TURBO
1.8 liter, SOHC engine	S	S			
2.0 liter, DOHC engine			S		
2.0 liter, DOHC, intercooled turbo engine				S	S
All-wheel drive					S
Electronic multi-point fuel injection	S	S	S	S	S
5-speed manual transmission	S	S	S	S	S
4-speed automatic overdrive dual mode transmission	O	O	O		
Maintenance-free battery	S	S	S	S	S
4-wheel power-assisted disc brakes	S	S	S	S	S
Viscous coupling limited slip differential (rear)					O
Dual Engine Stabilizers™	S	S	S	S	S
Roller rocker arms	S	S	S	S	S
Automatic valve lash adjusters	S	S	S	S	S
Dual coil ignition			S	S	S
Stainless steel exhaust	S	S	S	S	S
Power-assisted rack & pinion steering	O	S	S	S	S
Independent strut-type front suspension	S	S	S	S	S
3-link coil spring rear suspension	S	S	S	S	
Multi-link fully independent rear suspension					S
Front & rear stabilizer bars	S	S	S	S	S
On-board diagnostic system	S	S	S	S	S
3 year/36,000 mile new vehicle warranty*	S	S	S	S	S
3 year/50,000 mile powertrain limited warranty*	S	S	S	S	S
7 year/100,000 mile anti-corrosion limited warranty*	S	S	S	S	S
COMFORT & CONVENIENCE					
2 + 2 passenger capacity	S	S	S	S	S
Lockable, illuminated glovebox	S	S	S	S	S
Illuminated ashtray/cigarette lighter	S	S	S	S	S
Center console with tray	S				
Center console w/armrest, drink holder		S	S	S	S
Air conditioning with economy & maximum modes	O	O	O	O	O
Bi-level heater/defroster with 4-speed fan	S	S	S	S	S
Tilt steering wheel	S	S	S	S	S
Sports-style steering wheel	S	S			S
Leather-wrapped steering wheel				S	S
Day/night rearview mirror	S	S	S	S	S
Remote hatch and hood releases	S	S	S	S	S
Remote fuel filler door release	S	S	S	S	S
Dual visor vanity mirrors	S	S	S	S	S
One-touch door locks	S	S	S	S	S
Dome courtesy lamp w/fade out	S	S	S	S	S
Cargo area light	S	S	S	S	S
Map spot lamps	S	S	S	S	S
Footwell lamp	S	S	S	S	S
Coat hooks	S	S	S	S	S
INSTRUMENTATION & CONTROLS					
Power windows with auto down feature		O	O	O	O
Power door locks		O	O	O	O
Digital quartz clock	S	S	S	S	S
Heavy-duty electric rear window defroster with timer	O	S	S	S	S
Side window defoggers	S	S	S	S	S
Tripmeter with reset	S	S	S	S	S
Flash-to-pass feature	S	S	S	S	S
6000 rpm redline tachometer	S	S			
7000 rpm redline tachometer			S	S	S
Coolant temperature gauge	S	S	S	S	S
Warning lights: brakes, battery charge, low oil pressure, door/hatch ajar, low fuel, engine check, low coolant, seatbelt	S	S	S	S	S
ETR AM/FM stereo with 4 speakers	S				
ETR AM/FM stereo cassette with 6 speakers	O	S	S	S	S
ETR AM/FM stereo cassette with graphic equalizer, 6 speakers		O	O	O	O
ETR AM/FM stereo cassette, compact disc with 6 speakers				O	O

Cruise control	O	O	O	O	S
Turbo boost gauge				S	S
Security alarm system					O
VISIBILITY					
Tinted glass	S	S	S	S	S
Windshield upper-shade band	S	S	S	S	S
Retractable halogen headlamps	S	S	S	S	S
Headlamp auto-off feature	S	S	S	S	S
Integrated fog lamps					S
Dual manual remote sideview mirrors	S				
Dual power remote sideview mirrors		S	S	S	S
Right convex mirror	S	S	S	S	S
Rear window wiper/washer	O	O	O	S	S
2-speed, variable intermittent front wipers	S	S	S	S	S
SEATING & TRIM					
2-way adjustable highback reclining front bucket seats	S				
3-way adjustable highback reclining front bucket seats		S	S	S	
6-way adjustable highback reclining front bucket seats					S
Fold-down rear seat back	S	S	S	S	S
Cutpile carpeting—passenger area	S	S	S	S	S
Cargo area—full carpet	S	S	S	S	S
Color-keyed cloth headliner	S	S	S	S	S
Vinyl door trim with cloth inserts and carpeted lower section		S	S	S	S
Front full cloth upholstery	S	S		S	S
Leather front seat surfaces with vinyl sides and back					O
Rear vinyl/knit inlay upholstery	S				
Rear vinyl/cloth inlay upholstery		S	S	S	S
Passenger assist grip	S	S	S	S	S
Front & rear armrests	S	S	S	S	S
Motorized passive restraints (front)	S	S	S	S	S
Knee protector	S	S	S	S	S
3-point ELR outboard restraints (rear)	S	S	S	S	S
Passenger seat walk-in release	S	S	S	S	S
Detachable cargo cover		S	S	S	S
EXTERIOR					
Detachable pop-up sunroof	O	O	O	O	O
Wraparound wide bodyside moldings	S	S	S	S	
Wide protective color-keyed bodyside molding					S
Dual outlet bright tailpipe			S	S	S
5-mph, color-keyed bumpers front & rear	S	S	S	S	S
Rear spoiler				S	S
Side-sill extensions				S	S
Full-profile, color-keyed air dam	S	S	S	S	S
Color-keyed air dam extension				S	
Full wheel covers	O	S	S		
Aluminum alloy wheels			O	S	S
EXTERIOR COLORS/INTERIOR TRIM					
Maranello Red/Gray	S	S	S	S	S
Northstar White/Gray	S	S	S	S	S
Northstar White/Brown	S	S	S	S	S
Kalapana Black/Gray	S	S	S	S	S
Kalapana Black/Brown	S	S	S	S	
Maui Blue <sup>†</sup> /Gray	S	S	S	S	S
La Salle Silver <sup>†</sup> /Brown	S	S	S	S	S
La Salle Silver <sup>†</sup> /Gray	S	S	S	S	S
Nape Red <sup>†</sup> /Gray	S	S	S	S	

† = Metallic    S = Standard    O = Optional

NOTE: EPA figures not available at the time of this printing. See your Mitsubishi Motors Dealer for mileage figures. \* Also ask for a copy of the limited warranty. Technical data, features, options and other equipment shown in this catalog 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 the 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-ADV5502 Litho in U.S.A. © 1989 Mitsubishi Motor Sales of America, Inc.



