



## Mazda RX-8

Drive the revolution.



*ZOOM-ZOOM*

## Mazda RX-8: drive the revolution.

More than just a sports car, Mazda RX-8 is a journey that began with the development of the RENESIS rotary engine and Mazda's engineers setting out to build a visionary sports car around it. This journey continues with the creation of a revolutionary concept that combines thrilling performance in a rear-wheel-drive chassis with perfect 50/50 weight distribution and the ability to carry four people in comfort. Mazda RX-8 will test, push and challenge your senses and redefine your expectations of a sports car.

You don't just drive Mazda RX-8. You experience it. You live it.  
You drive the revolution...

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See it. And witness  
the evolution of the  
sports car.



From the first glimpse, Mazda RX-8 tells you it's something out of the ordinary – a designer's vision, made real. Its graceful lines and curves, promise a whole new driving experience. A ride that only Mazda's daring foresight and determination could create. Crouched low to the tarmac and poised for action, its strikingly smooth exterior

communicates agility and road handling prowess. From the long, low bonnet featuring the RENESIS rotary engine shape to the high wheel arches that hint at its superior handling, Mazda RX-8 is exactly what its shape suggests – a sports car like no other.





Gear lever knob illumination is available as an accessory.

It's your road. With every twist,



**Give in to the feeling.  
Let yourself enjoy the ride.**

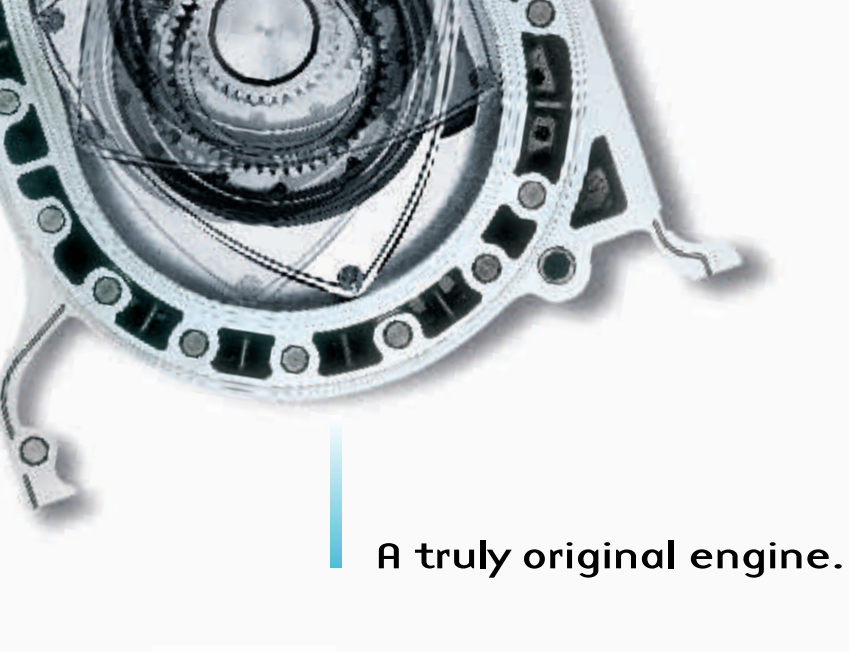
turn, dip and incline, feel its challenge.

Overcome it. Then, own it.



With its emphasis firmly on you, every control, gauge and dial is intuitively positioned creating a seamless driving experience. From the moment you climb behind the wheel, it's obvious. Mazda RX-8 was built by driving enthusiasts, passionate about pushing the boundaries of the sports car experience.

Mazda RX-8 is available in two versions, delivering either 192 ps or 231 ps. Both with 18" alloys, climate control air conditioning, premium Bose audio with 6-CD autochanger and front fog lights. Optional equipment includes leather upholstery, DVD satellite navigation (which is only available when purchasing leather), electric sunroof and metallic paint.



## A truly original engine.

Intake



It's quiet. The only sound is the gentle sway of grass in the breeze... Now the wind carries a new sound. Something different. Something exciting. It's getting closer. Suddenly the unforgettable sound of Mazda RX-8 introduces itself.

Compression



Much smaller and lighter than a conventional piston engine, all the parts of a rotary engine spin around a central shaft, there is no up and down piston movement. So as combustion occurs, the rotor immediately turns, increasing potential engine revs with virtually no vibration. And because rotary engines only have three main moving parts, compared with at least forty in even the simplest piston engine, power delivery is incredibly smooth and refined.

Compression



There are two RENESIS engines to choose from: 231 ps (170 kW) @ 8200 rpm with a 9000 rpm limit, or 192 ps (141 kW) @ 7000 rpm with a 7500 rpm limit, both delivering smooth acceleration and exhilarating power output. You'll never hear or experience anything quite like Mazda RX-8.

Combustion



Hear the distinctive rotary sound for yourself at [www.mazdarx8.co.uk](http://www.mazdarx8.co.uk)

Exhaust



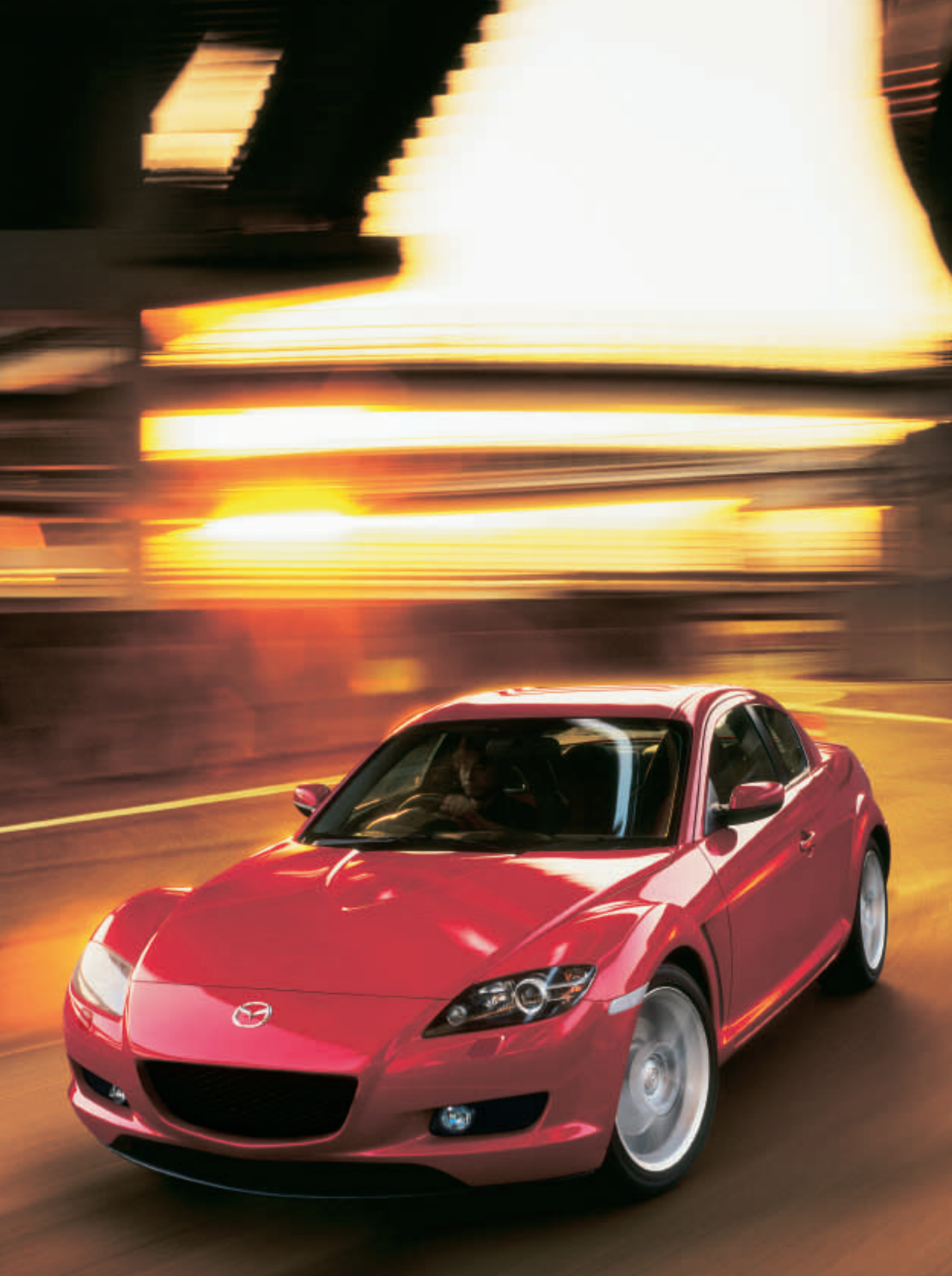
In a rotary engine a triangular-shaped rotor sweeps the fuel/air mix along with each part of the combustion process occurring in a different section of the engine housing.

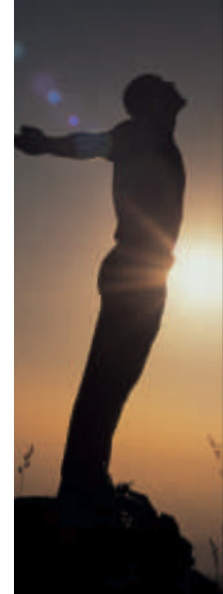




An unforgettable sound.







## It's all about the lure of the open road...

...its promises and its thrills. Always urging rebellion, always leading towards freedom.

With the uniquely compact RENESIS engine at its heart, Mazda's engineers had everything they needed to create a car that looks and sounds like no other. But how does it feel to drive?

Exciting and exceptionally agile, Mazda RX-8 responds almost intuitively to every movement and action you make. Its entire powertrain is mounted low behind the front axle to create near perfect 50/50 weight distribution and a low centre of gravity. Add to that a fuel tank mounted in front of the rear axle, helping concentrate the weight mass near the centre, the result being 100% pure sports car thrills.

The newly developed double-wishbone front suspension delivers confident, precise control. Which, combined with the new multi-link rear suspension, provides lateral stiffness for superb handling and longitudinal compliance for outstanding stability.

### Weight distribution:

Perfect 50/50 weight distribution has been made possible by the unique location of the powertrain.



Then, there's the Dynamic Stability Control (DSC), giving the driver the reassurance of intelligent handling by applying appropriate brake-force to individual wheels and managing engine output to prevent skids – without compromising the exciting performance. And for greater cornering control, there's the Limited Slip Differential (LSD), which works with the DSC to help maintain traction while accelerating hard.



### Door structure:

A reinforced structure in the front edges of the rear doors forms a centre pillar that locks into the roof and floor, increasing body rigidity and side-impact protection.



### Body structure:

The strong, high-mount backbone is located in the upper part of the transmission tunnel for enhanced body rigidity.



### Strengthening V-brace:

A V-shaped diagonal brace is attached to the top mounting of each rear suspension damper, giving rigid damper support and promoting torsional rigidity at the rear of the body.

When the irresistible call of the road comes –













make sure you're ready.







## A unique 4-door sports car. Share the experience.

Its clever pillar-less freestyle doors create a surprisingly spacious opening when the front and rear doors are fully open, providing unparalleled access to the vehicle without compromising safety standards. The extensive reinforcement of the rear doors creates an integrated B-pillar when the doors are fully closed, significantly improving body side strength and achieving world-class safety performance.

Mazda RX-8 boasts a range of exceptional safety standards: driver's and front passenger airbags with dual-stage deployment as well as side and curtain airbags to protect all occupants. It also features an intrusion-minimising brake pedal to help reduce foot and leg injuries in a frontal collision. In addition, Mazda RX-8 provides class-leading stopping distance enhanced by large diameter disc brakes, an Anti-lock Braking System (ABS) and Electronic Brake-force Distribution (EBD) as standard.

A genuine sports car in a revolutionary new 4-door, 4-seater format, Mazda RX-8 is writing a fresh new chapter in the history of the sports car.



### Cabin reinforcement:

A ring-shaped structural reinforcement around the door opening in each of the body's side panel improves cabin rigidity. These structural reinforcements result in maximum strength and stiffness.



### Impact absorption:

is greatly enhanced by the front-midship layout, which creates a large crumple zone between the engine and the front bumper.

### Side airbags:

Side SRS airbags and curtain airbags help to ensure passenger safety.



### Freestyle doors:

The freestyle doors create an exceptionally large opening for easy access, the front doors open to a maximum of 67° with 80° at the rear.



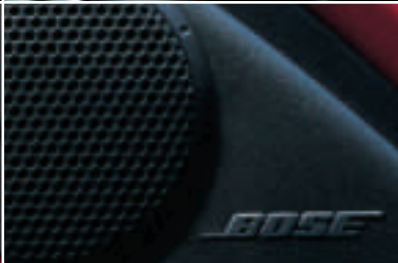
## Push yourself to the limit – climb inside.

Mazda RX-8 doesn't just deliver exhilarating performance; it's also a playground for the senses, where precision craftsmanship and quality materials help to create an experience without comparison.

The sleek, flowing lines of the breathtaking exterior lead the eye to a striking interior, rich in technical innovation and inventive design. Where even the tiniest detail has been meticulously crafted to create a classic sports car feel with a dash of modern appeal.

From the impressive instrument panel featuring a 3-sectioned cluster with a large central tachometer and digital speedometer, to the great-sounding 9-speaker Bose premium audio system, the sculpted individual sports seats, 3-spoke leather steering wheel and gear knob, all accentuated by stylish aluminium finishes.





Revolutionise your senses.  
Test-drive Mazda RX-8 today.





## Dare to be different.

No driver is alike. And no experience of Mazda RX-8 is alike. With a large range of accessories and options, every car can be tailored to meet your exact specification, ensuring a ride as unique and daring as you are.

For the full range, please see the separate Mazda RX-8 Accessories brochure.

### Athletic finish:

- Front airdam skirt
- Side deflector
- Rear under deflector
- Tyre deflector



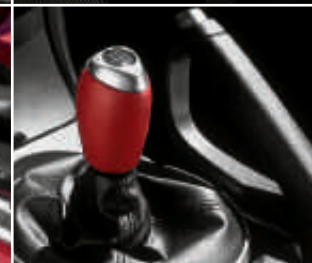
### Alloy finish:

- Air outlet fins
- Rotary crest
- Scuff plate
- Exhaust trim



### Interior finish:

- Centre console lid
- Gear lever knob with illumination
- Handbrake lever grip
- Special key and case









## Mazda Credit.

### **Mazda Credit for private customers\*.**

Mazda Credit provides you with the opportunity to drive your new Mazda using either the more traditional Mazda Hire Purchase plan or the flexible Mazda MultiOption plan.

Finance is fast and easy to arrange at your Mazda dealer as all dealers are linked directly on-line to the Mazda Credit System.

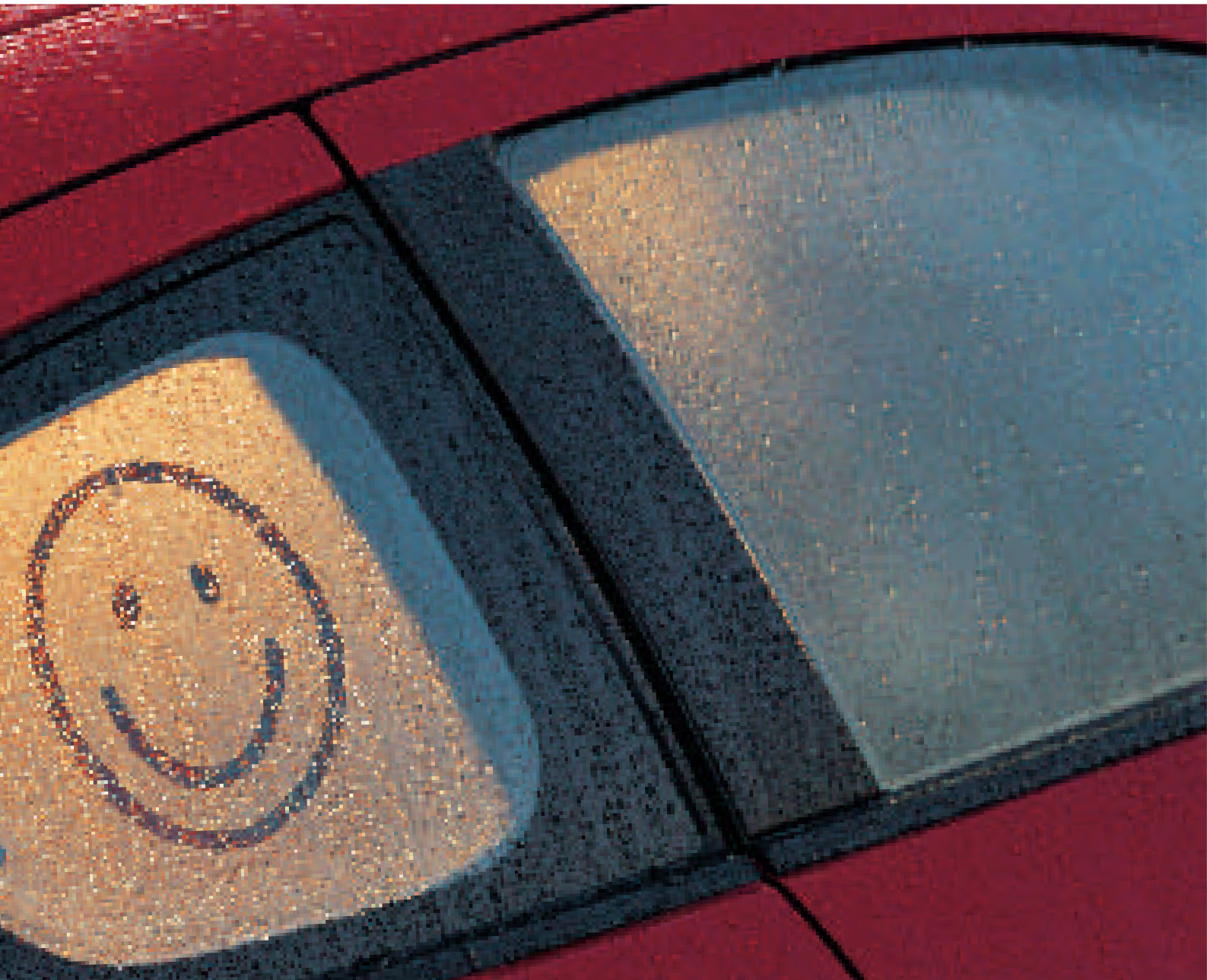
### **Mazda Insurance\*\*.**

Mazda Insurance offers a range of specially tailored motoring related insurance protection, designed to provide you with total motoring peace of mind. Our cover includes Mazda Motor Insurance, Payment Protection Plan and Guaranteed Asset Protection (GAP).

### **Mazda Business Partner\*.**

Mazda Business Partner is dedicated to partnering businesses. We take confidence in the comprehensive range of well-proven finance and leasing products for business customers with nationwide coverage and consistently competitive prices.

You can also access more information about Mazda Credit and its finance products at [www.mazda.co.uk](http://www.mazda.co.uk) or by contacting your local Mazda dealer, who will be pleased to provide you with a personalised quotation on the Mazda of your choice.



\*Finance subject to status. Guarantees/Indemnities may be required. Written quotations: Mazda Credit UK, Central Office, Eagle Way, Brentwood, Essex CM13 3AR.

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