

Nepta: A prestige cabriolet for genuine driving pleasure

"The breath-taking proportions and innovative elegance of Nepta are a clear expression of Renault's great tradition in body style design. With its unique opening panels and a style that combines volume and vitality, Nepta is a resolutely modern vehicle."



Renault is unveiling its new Nepta concept car, a four-seater cabriolet with fluid lines and a thoroughbred profile. The low-slung body shape is an expression of elegance and movement, while the spacious and comfortable interior has all the hallmarks of a top-end model.

Nepta is a dynamic four-seater GT cabriolet, offering performance at the wheel that is worthy of a prestige sedan.

NEPTA



RENAULT



An attractive and dynamic cabriolet

This flowing, elegant four-seater cabriolet is an expression of Renault's vision of driving pleasure.

The wave-shaped side panels give an impression of fluidity and highlight Nepta's long body shape; an effect that is further enhanced by the special anodic aluminium colour treatment on the lower part of the body shell, the mud flaps and the front and rear spoilers.



The front end is simple yet expressive. The LED headlights are made up of three assemblies: the daytime running lights, the dipped and main beam headlights and the steering lights. The headlights use a technology based on the reflection and propagation of light. The light beam from the main headlights is reflected by crystal-shaped transparent blocks that are electronically controlled for more precise lighting. The quantity and distribution of the light automatically adapts to the driving conditions. The rounded forms of the front wings are enhanced by the innovative boomerang-shaped indicator lights, positioned at the top of the lighting units.

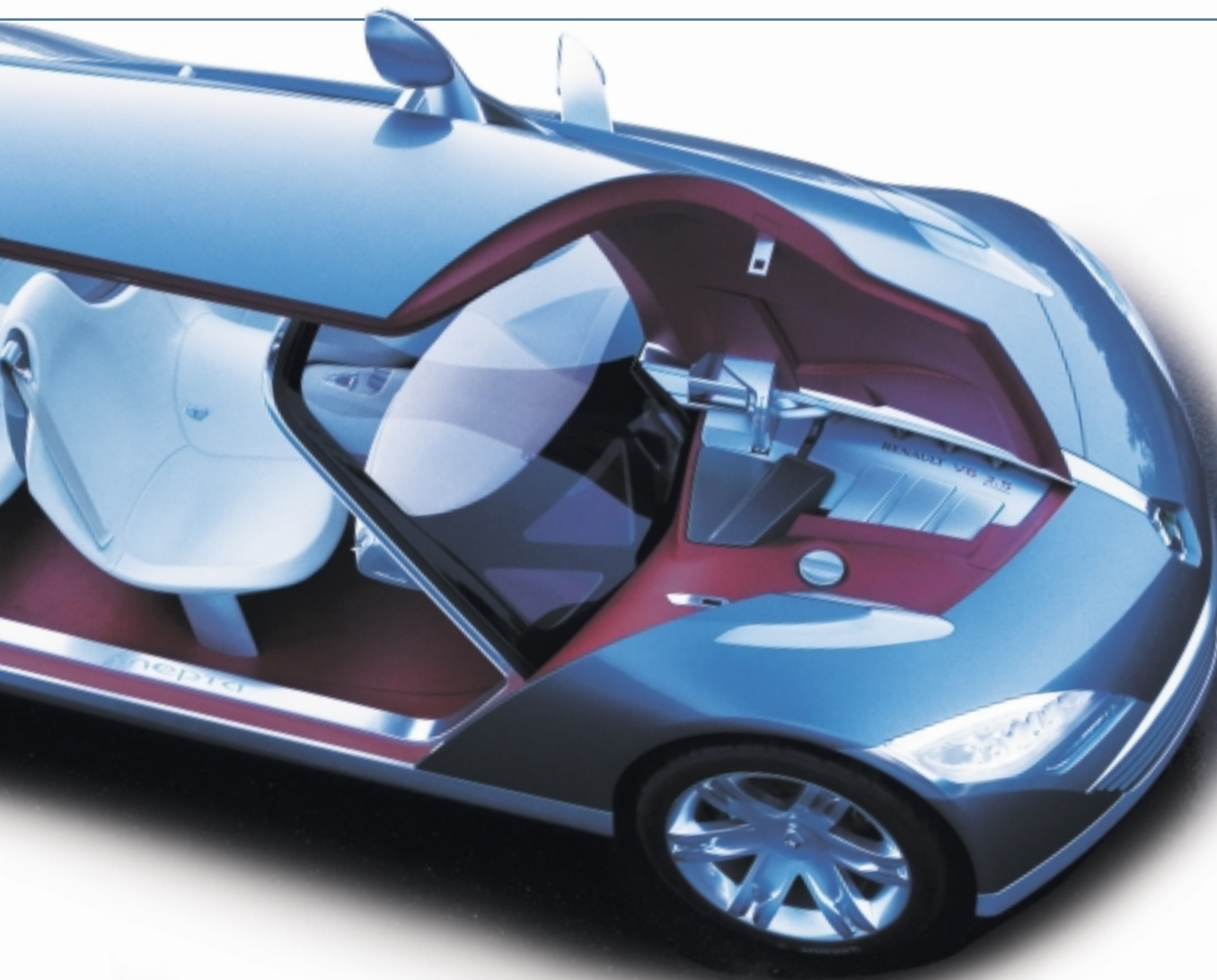
The long and tapered rear end, which is punctuated by the crystals of the rear lights, adds a further sense of movement to Nepta. The overhang is longer at the rear than at the front, highlighting the vehicle's attractive proportions and flowing line. Nepta is an echo of the golden age of automotive styling, while remaining resolutely modern and innovative.

Nepta is a combination of the dream car and the love of fine mechanical engineering. The motor-driven gull wing doors open to reveal the interior and the engine, which is elegantly housed in its compartment. The centrally positioned door hinges are covered by polished aluminium panels representing a shooting star that runs the full length of the front bonnet, contributing to the impression of movement that the body shell creates.



The doors are fitted with electronic obstacle detectors and an anti-pinch device for greater safety.





A luxuriously welcoming and roomy interior

Nepta boasts all the features found in prestige models with discreet technology for greater on-board comfort.



The dashboard appears to be suspended, while the extensions of the windscreen illuminate the pedal unit and make for a bright and clear driving station.

The rev counter and cone-shaped instruments are surrounded by leather trim. The design of the instruments pays tribute to vehicles of the past, while the aluminium treatment adds a modern touch. The combination of analogue and digital displays is a further expression of classic cars and the modern era. The air conditioning controls located at each end of the dashboard can be independently adjusted by each occupant and combine advanced technology and ease of use.

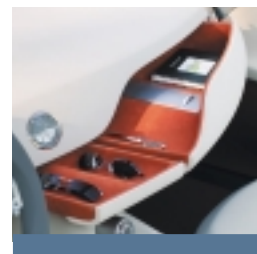


The intuitive controls are inspired by the Touch Design approach. The centrally-mounted, rotary gear shift is easy and comfortable to use. The conveniently positioned multimedia information controls can be easily reached, while the stalk switches and control paddles mounted on the steering wheel are designed to match the shape of the driver's hands.

The seats are fixed, but the steering wheel and the pedals can be adjusted by a motor-driven mechanism to match the driver's dimensions.

The dashboard features special storage compartments for glasses and other personal objects, while the central console also has a sliding cubby located between the rear seats.

The red leather upholstery creates an impression of continuity between the vehicle interior and the engine compartment. Both bench seats are coated with leather decorated with printed patterns. The four comfortable seats are secured to the floor by aluminium struts reminiscent of sailing boats.





DVD screens with folding protective covers are installed in the upper sections of the backs of the front seats. The lower sections are decorated with elegant leather netting that is ideal for storing magazines.

The rear passengers are protected against turbulence by the transparent air deflectors positioned between the front and rear seats.

A powerplant designed for pleasure

Nepta's longitudinally mounted 3.5-liter V6 petrol engine is the embodiment of pleasure at the wheel. This 420hp powerplant takes just 4.9 seconds to

reach 100kph from a standing start. Coupled to the seven-speed automatic gearbox with flick-shift controls mounted on the steering wheel, this direct injection petrol engine combines an outstanding drive with a significant reduction in fuel consumption and CO₂ emissions.



NEPTA

Michelin

This tyre was designed specifically to take account of the aerodynamic constraints related to the effects of speed and the loads generated by the tyre as it moves through the air.

The effect is created by a tread with a large pattern that is shallow and gradually deepens from the inner to the outer shoulder. The shape of the tread is reminiscent of the air flows and the vortex effect.

The inside, which is smoother and more solid, provides the stiffness required to transmit the engine torque and provide traction, very much like a slick tyre. The tread on the outer shoulder is deeper for better grip and improved control of vehicle direction.

The outer wall of this tyre was designed for a more sporty drive and increased comfort, while retaining the road-holding and the grip offered by the PAX tyre.



Valeo

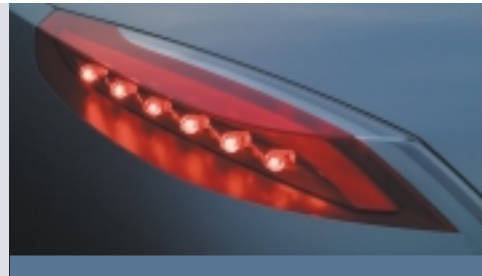
Nepta's lighting systems use high-performance LEDs (light-emitting diodes). The colour of the LEDs improves visibility and is more gentle on the eyes. The LEDs are more durable than current light sources and consume less energy, making them the ideal choice for future vehicles.

At the front, the dipped and main beam functions are housed in a single unit. They use Valeo's T.I.R. (Total Internal Reflection) technology, which is based on the faculty of light to be propagated and reflected through matter without loss. This technology, which is also used in optical fibres, is applied in this case to the three dimensions of a block of crystal, offering improved performance, more compact parts and a unique appearance.



The main beam lamps feature a steering function that switches on a line of LEDs as the steering wheel is turned.

Nepta is the first vehicle in the world fitted with rear lights that use Valeo's 2.5D technology,



which allows for a whole new approach to the design of signalling functions.

Based on the combination of LEDs and light guides, this technology brings together more compact dimensions and greater freedom in shape design.





TECHNICAL DATA SHEET

Dimensions			
Overall length	4,995mm	Wheelbase	2,845mm
Door length	3,760mm	Front and rear track	1,674mm
Width (excluding rear view mirrors)	1,956mm	Front overhang	890mm
Height	1,332mm	Rear overhang	1,260mm
Height with doors open (excluding rear view mirrors)	1,864mm	Ground clearance	175mm
		Unladen weight	1,490kg

Powertrain	
Engine	V6 3.5-liter 24 V IDE twin-turbo petrol engine
Power	309 kW / 420hp and max. torque of 560Nm at 3,000rpm
Acceleration	0 to 100kph in 4.9s
Consumption	Max. CO ₂ emission of 222g/km, i.e. fuel consumption of 9.4l/100km in standard cycle
Gearbox	7-speed automatic with steering wheel-mounted flick-shift

Transmission	
Rear wheel drive with front, longitudinally-mounted engine 23" wheels	Tyres: PAX 275-710 R 750 EOLUS

Partners	
Valeo	Total Internal Reflection technology for the front lighting functions Exclusive 2.5D technology using LEDs / light guides for the rear lights Steering function that switches on a line of LEDs as the steering wheel is turned
Michelin	EOLUS tyres
Montupet	Special 23" lightweight alloy wheels, six brushed and polished aluminium struts

Interior equipment	
• Four independent seats made of leather with printed decorations	
• Anti-turbulence air deflectors between the front and rear seats	
• Motor-driven adjustment of the steering wheel and pedal positions	
• Analogue and digital instruments	
• DVD screens in the backrests of the front seats with folding protective covers	

Exterior equipment	
• Motor-driven gull wing doors for access to the front and rear seats and the engine compartment	
• Electronic obstacle detection and anti-pinch devices	
• Carbon bodywork	
• High-performance LED lighting and signalling functions	
• Canvas hood with rigid cover	
• Anti-roll bars that can be mounted at the rear	

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