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THE ALL-NEW RENAULT AUSTRAL: THE 'NOUVELLE VAGUE' TECH SUV





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INTRODUCTION



Renault brings an ambitious model to its SUV range: the All-new Renault Austral. It will serve to bolster efforts to win back the C segment that forms the core of the global automotive market. The All-new Austral is part of the 'cars for living' tradition and marks the next milestone in the C-segment offensive started by the Arkana and the All-new Megane E-TECH Electric, with a resolutely modern approach. The 'Nouvelle Vague' that aims to turn the brand into an industry benchmark for technology, clean energy, and services.

The All-new Renault Austral falls perfectly within the 'Renaulution' plan. Its name evokes images of the wide-open spaces of the south, a promise of endless possibilities, a hallmark of the brand's DNA. A warm, welcoming, and modern brand where customers are given an enhanced experience of life.

As such, the exterior design of the All-new Austral is not only true to the codes of the SUV category, but also athletic, sensual, and even technological. For the first time ever on a Renault vehicle, it also comes in an exclusive Esprit Alpine version for a sportier look, with dynamic and captivating design features.

The sleek, high-tech interior on the All-new Austral boasts the level of comfort worthy of the family models that have marked Renault's history. The crowning jewel of the generous and welcoming interior, the OpenR screen displays

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both the instrument panel and the navigation and multimedia systems while incorporating the best Google services and applications. The two large 12" screens plus the 9.3" head-up display make for a total screen space of nearly 1,000cm² for an intuitive, immersive, and connected driving experience.

The All-new Austral is the pinnacle of modernity with 32 driving aids (ADAS), MULTI-SENSE settings, and Renault's latest four-wheel steering system, 4CONTROL Advanced. Each useful, proactive, and intelligent technological feature is there to improve passenger comfort, pleasure, and safety.

The first Renault vehicle to be designed on the 3rd generation CMF-CD platform that was co-developed within the Alliance, the All-new Austral features the latest more powerful and more efficient version of the 'Full Hybrid' E-TECH system, and two petrol 48V or 12V 'Mild Hybrid' engines. A range with a selection of electrified motors so private owners and fleets have something to cover their specific use.

Made in the ultra-modern Palencia factory in Spain, the All-new Austral is put through rigorous checks during every stage of production. From choosing materials to checking each functionality, from assembly to painting, nothing is left to chance. As quality and durability are the guiding principles of the design brief, nearly a thousand criteria are assessed throughout the design phase by both in house experts and an external panel of consumers.

Orders for the All-new Renault Austral will begin in mid-2022 with sales starting in the autumn.

// All-new Renault Austral is the perfect embodiment of what a C-segment SUV has to be, and of what Renault is capable to deliver. //

Luca de Meo, CEO of Renault



'SENSUAL TECH' DESIGN

The All-new Renault Austral combines the hallmarks of an SUV with Renault's 'sensual tech' design language. Its elegant, sporty design is full of character. Inside, the high-tech cockpit with its meticulously selected materials and sleek finishes boasts unequalled spaciousness like that of a family vehicle. For the first time ever on a Renault vehicle, it also comes in an exclusive Esprit Alpine version for a sportier look, with dynamic and captivating design features.





Exterior design: an athletic SUV

Protruding muscles, strong lines, sculpted forms, a proud front-end, structured technical features, hints of sophistication: The All-new Austral is the next stage of a brand reborn.



Strength, character, and all the hallmarks of an SUV

New platform, new style. The first Renault vehicle to use the Alliance's latest CMF-CD platform, the All-new Austral displays a clearly modern style. Its large wheels (up to 20 inches and 720 mm in diameter) underpin the muscular silhouette of the bonnet line that sits close to the wheel arches. A technical feat that imbues the vehicle with additional strength and character.

The All-new Austral also features the traditional hallmarks of an SUV: front and rear skid plates, contrasting side and sill guards, high clearance (170 mm), and high beltline for occupant protection.

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'Sensual tech' shapes and forms

The exterior design of the All-new Austral is based on Renault's 'sensual tech' design philosophy. Its generous, sensual shapes merge with the taut lines and precise, structural details. The sculpted bonnet gives it an athletic character that reflects the muscular lines of the silhouette. Its rounded shoulders echo the prominent flanks and clear-cut lines of the wings that sweep around the lamps.

The combination of sensual curves and taught lines is enhanced by technical features such as the rear LED lights with micro-optics technology and all the way through to the diamond patterns integrated into the front optics. The 'sensual-tech' as a whole imbues a heightened sense of perceived quality that is further enhanced by the readily visible mastery of geometric shapes included in the design.

Strong front end

The front end on the All-new Austral combines energy and sophistication. A horizontal chrome trim extending through into the headlights crosses across the top of the wide, chequered grille in Ice Black. A design element that makes the front feel much wider while also giving it an added sense of elegance and sophistication. In the centre, Renault's new 'Nouvel'R' logo in brushed Chrome Satin attests to the All-new Austral's modern personality. On models with high clearance, the front end's distinctive design is enhanced by a lower rim featuring an expressive looking sport blade in the same colour as the body and aerodynamic scoops in Diamond Black. In general, the quality of the assembly is immediately perceptible. This has been made possible by reinforced automated and manual quality control procedures throughout production (see page 51).



// The All-new Renault Austral brings together bold stylistic features for a dynamic and elegant design. Engineered volumes, precisely drawn lines, and sophisticated details imbue the design with an overall sense of readily visible quality. Gaps in the body are extra slim and all flush lines have been drawn in a way to give off an immediate feeling of quality.

//
Gilles Vidal, Renault Director of Design

Dynamic profile and rear end

The protruding lines that run along the top of the wheel arches give a new shape to the vehicle. In standing out from the smooth, sensual, flowing surface, they bring energy and precision to the car's profile.

A forward-facing fold in the lower flanks further enhances the model's dynamic silhouette. All of these structural elements are underpinned by the low-running guards and wheel casings in Diamond Black that echo the colour used on the shark-fin antenna and side mirrors.

Polished stainless-steel piping runs along the top of the side windows to highlight the plunging roof line and dynamic curve of the glass as it extends down to the rear door.

In the rear, the vehicle's name is proudly displayed in elegantly sculpted and equally dynamic chrome lettering.



Brand-new proportions and sleek aerodynamics

For the All-new Austral, Renault designers have harnessed the fundamental ratios that make SUVs so desirable, such as the overhang (925 mm in the front and 917 mm in the rear) and wheel dimensions (up to 20 inches and 720 mm in diameter), for added muscle and sophistication.

Measuring 1.62 meters high by 1.83 meters wide and 4.51 meters long with a wheelbase of 2.67 meters, its proportions give an immediate feeling of spaciousness, robustness, and sportiness.

The quest to improve aerodynamics through efficient design has also had a major impact on the final style. The central and side air inlets located on the front bumper, the drop of the roof line extended by curved rear spoiler lip, and the linear highlights integrated into the sculptural flanks not only serve to improve aerodynamic efficiency but are also visual markers of the car's aerodynamic performance.

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Signature lighting

The 100% LED front and rear lights on the All-new Austral is finely cut in a markedly modern design.

The front features Renault's signature C-Shape lights. Here in its updated form, the signature lights give the vehicle a technological look that adds character and prestige. The compact lamps incorporate up to 7 high-tech beam modules that can adapt the way light is distributed¹. The multifunctional lighting is available in three versions: Pure LED Vision, Adaptive LED Vision, and Matrix LED Vision with dynamic turn signals (see details on page 49).

The rear lights also feature the C-Shape signature and connect through to the Renault logo crossing from one side of the boot to the other, further underpinning the vehicle's prestigious stature. Characteristic of the micro-optical technology first seen on the All-new Megane E-TECH Electric, the moiré effect and sense of depth seen on high versions are made possible thanks to a multitude of laser-cut engravings. Forming two clear-cut bands, they create a vivid 3D hologram effect that brings the rear of the car alive by day and by night. Stylish, dynamic indicators round out the set with a final touch.



Animated welcome sequence

The All-new Austral automatically detects the key card whenever the person holding it approaches the car. The vehicle then starts its light sequence. Using Matrix LED Vision lights, the sequence starts with the inside headlights then progresses out to the day lamps before reaching the indicators. At the back, the light strip and rear lights light up while the rear indicators turn on with a dynamic pulse.

¹ For Adaptive LED Vision and Matrix LED Vision.



Distinctive colours and rims

The All-new Austral comes in seven elegant body colours: Glacier White, Pearl White, Flame Red, Iron Blue, Diamond Black, and the newest addition, Shale Grey. The Esprit Alpine version also features the exclusive Satin Shale Grey that helps accentuate its athletic look. This latest generation of matte-finish body colours is robust and easy to maintain. This is the first time Renault is featuring the range on a mass-market model.

For more personality and a sleeker silhouette, production models of the high versions feature a bi-tone finish (also available as an optional extra with the Techno trim), whereby the same Diamond Black is used for the roof, shark-fin antenna, mirror casings, air inlets on the front bumper, and sill panel.

The vehicle sits proudly atop its imposing wheels bearing distinguished alloy 17-inch to 20-inch rims, most of which are diamond-cut. All of them display the new Renault logo in brushed aluminium in their centre.



Interior design: a cocoon of technology

The All-new Renault Austral features a brand-new interior design. The high-tech cockpit and welcoming passenger compartment fully embody notions of quality, practicality, and spaciousness. The whole family are sure to feel welcome and comfortable in a high-tech environment.



Welcome aboard

When drivers climb into the All-new Austral, they are taking seat in an iconic, technological, and intuitive cockpit. The large OpenR screen turns on with a welcome display. Ambient lighting highlights the driver's instrument panel while the interior speakers play Renault's signature welcoming sound. An immediate technological and sensorial experience.

OpenR screen: where immersive technology begins!

First seen on the All-new Megane E-TECH Electric, the OpenR screen is one of the largest screens in the automotive market. The crowning jewel of interior on the All-new Austral, the upside-down 'L-shape' screen displays both a



digital instrument panel and the multimedia interface of the centre console. These two elements have been merged into a single large slab, a hallmark of the immersive experience of life on board vehicles belonging to the Renault 'Nouvelle Vague'. Everything is within reach for an optimized, intuitive, and connected experience (see page 52). The 'Wow' effect is guaranteed!



The finish on the OpenR screen has been made to the same standards as high-end tablets and smartphones. The screen is covered in Gorilla-Glass aluminosilicate glass – tempered glass that is ultra-resistant to scratches, everyday bumps, and repeated cleaning. It has also been given additional anti-fingerprint and anti-glare coatings to keep it as much a pleasure to touch as it is to see.

The screen's brightness adapts to the surrounding light (up to 900 cd/m²) while its reflective qualities have also been optimized, in particular thanks to the use of advanced micro-blind technology. They ensure that the screen is easily read even in direct sunlight. These techniques have meant that there is no longer any need for the instrument panel visor, thereby freeing up space and giving a very modern floating effect to the ensemble.

Designers and engineers worked together to enhance the immersive experience offered by the OpenR screen. So as to not disturb one's gaze with unsightly air vents, the slab elegantly incorporates discrete central vents. Without compromising on the quality of ventilation, they operate through an internal flow guidance system. Another



minimalist feature is the screen's ultra-thin outline has been reinforced to sit flush so that all shapes, colours, and notifications run right up to the edge of the display area.

100% high definition

The OpenR screen boasts one of the largest display areas: 321 cm² for the 12.3" instrument panel (1,920 x 720 pixels, landscape) and 453 cm² for the central 12" multimedia display (1,250 x 1,562 pixels, portrait). That makes for a grand total of 774 cm². With the additional high-resolution image projected on the 9.3" large and 210 cm² Head-Up Display, the All-new Austral features one of the largest display areas on the market at nearly 1,000 cm²!

On entry-level models, the multimedia display measures 9" (1,250 x 834 pixels, landscape). Both screens have the same technical spec: TFT LCD IPS technology, HD resolution with 167 pixels per inch, 60 Hz refresh rate, 8-bit colour for 16 million colours, 80% NTSC gamut, and glove-compatible capacitive screen.

The section of the OpenR screen devoted to the instrument panel offers the driver four display options, depending on what they need at any given moment: Classic (speed, rpm, etc), Navigation (maps), Zen (minimalist), and Road (visualisation of the surrounding road and traffic).

The widely customizable dashboard display also features five widgets (fuel economy, tire pressure, distance, eco-monitor, music) and eight lighting colours.





Integrated compact steering wheel

The OpenR screen and steering wheel merge into a single entity through finely tuned details. The slightly square shape of the steering wheel makes it easy to get in and out of the vehicle and grants an optimal view of the instrument panel. Its compact size is a perfect match for the look of the OpenR screen cockpit.



Cruising console

The interior design on the All-new Austral is a nod to the great tradition of long-haul vehicles with its unique high-positioned wide centre console known as the cruising console. Sleek and modern, it creates a subtle divide between the driver and front passenger, giving each person their own ultra-modern protective cocoon but still open enough so they can still enjoy each other's company.

The console boasts a finely crafted finish. The form-fitting padding features double stitching from the Techno trim up. The sleek design has been cleared of all buttons and switches, which are now located around the steering wheel and OpenR screen, such as the power-controlled e-shifter automatic transmission.



Elegant armrest

The added free space on the centre console is now home to an armrest² covered in a fine-grain finish that is pleasant to touch and built upon a sturdy Satin Chrome support.

Ergonomically designed, it can slide back and forth while guaranteeing easy use of the multimedia screen and the piano-key like buttons located just below. It also features a handy vertical smartphone holder. Inspiration for the armrest comes from the worlds of aeronautics and fine watchmaking, the aerodynamic form of the rest makes it easy to manipulate. When slid back and forth, it emits a pleasant clicking sound like that made by the turning of a dial on a safe. Such attention to detail showcases Renault's expertise when it comes to minute mechanics.

² Available only on vehicles with automatic transmission.



Inductive smartphone charger

A smartphone holder for the driver to use has been built into the armrest. Equipped with an inductive charger,³ the small ledge-like space is upholstered in a soft, slip-free material with a diamond pattern made using a laser cut mould. The smart inductive charger automatically stops charging the phone once fully charge to avoid overcharging the battery. When the phone is connected via Bluetooth, its battery level is displayed on the multimedia screen for the driver to keep an eye on it at all times.

Connectivity and storage for all

On manual version, the ports and outlets are located on either side of the gear stick⁴. Two more USB-C ports are located in the back of the centre console for backseat passengers to use to charge their portable devices.

The All-New Austral's cruising console also includes two useful storage compartments for all sorts of day-to-day items. There is a wing-lid compartment located under the armrest that can be opened with a simple push, and a deeper compartment hidden under the armrest.

Living Lights

Officially known as LIVING LIGHTS,⁵ the All-new Austral creates a unique mood lighting experience for its passengers. 100% LED, it spreads out through the compartment via light strips housed in the dashboard and doors for a heightened feeling of wellbeing for driver and passengers alike.

Based on the circadian cycle of the human body's 24-hour clock, it adapts to the exterior light and automatically changes colour every 30 minutes. The smooth transitions between colours are enhanced by dynamic and natural flurries, giving the impression that the mood lighting is in fact alive. By day, cool shades highlight the car's interior design and accentuate the technological aspects. By night, the ambiance is different as a warm halo of light shrouds the driver and passengers in a comforting glow for extra comfort.

Of course, the mood lighting can also be customised through the MULTI-SENSE settings, which can be accessed directly from a button on the steering wheel. The driver can also adjust the colour and intensity of the on-board lights depending on their mood and preferences via the OpenR screen where a slide bar helps choose between 48 different colours. Lighting of the dash, door panels, and instrument panels also change colour according to the chosen driving mode.

³ Inductive charger available as an optional extra. On manual versions, the ports and outlets are located on either side of the gear stick.

⁴ On manual versions, the ports and outlets are located on either side of the gear stick.

⁵ Available on the production model starting with the Techno trim.



Carefully selected materials for a high-end finish

A main feature of the iconic cockpit on the All-new Austral is the use of sophisticated and sensual materials that echo the exterior's 'sensual-tech' design.



Depending on the trim and chosen extras, the interior of the All-new Austral incorporates real timber, leather, Alcantara, padded textiles, and other form-fitted materials that are soft to the touch and paired with lacquered highlights in Deep Glossy Black and Satin Chrome. Top-quality materials that bring a feeling of warmth and prestige to the car's interior.

The dashboard is mounted in multiple layers for a more dynamic, lightweight, and modern finish. The sculpted structure is as elegant as it is technological, much like the car's exterior. All versions feature a Satin Chrome strip that frames the interior space. It also reflects the LIVING LIGHTS mood lighting as it naturally draws the eyes to the OpenR screen.

Starting on the Techno trim, the strip extends into the door panels with a C-shaped curve that makes the interior space appear bigger. It is mirrored by the armrest on the cruising console and the Satin Chrome highlights on the Nappa leather steering wheel, giving the interior a splash of 'tech' highlights. This feeling is enhanced by the sleek sophisticated finish on the surfaces in Deep Glossy Black that tie in with the glossy finish of the OpenR screen. This is particularly the case for the door handles, overhead console, and cruising console.



Starting on the Equilibre trim, the top section of the dashboard is also covered in a form-fitted padded cover that is soft to the touch. In front of the front passenger, the covering matches the seat upholstery and features an elegantly placed air vent. The Iconic trim includes a real wood insert that replaces the textile cover. The beauty of the open-pore ash veneer is elevated thanks to the use of a Japanese cabinetry technique known as *'maki-e'*. The technique involves using a cloth to apply multiple layers of metallic pigment to timber to highlight the wood's natural grain. It also helps keep the natural feel of the timber's grain and contours.



Well-crafted upholstery

Particular care was given to the car's upholstery. The entry-level seats are fitted with recycled grey fabric that is also featured on the door panels, dashboard insert, and cruising console.

Upholstery on the Techno trim incorporates a quilted material with a Titan Black coating that gently fades from black on the seat pad up to light grey on the headrest. The shift from black to grey lightens the interior. Silver stitching and piping enhance the overall look.

The Iconic trim features a Titan Black coated textile and washed-grey fabric. The Warm Titanium used for the piping and stitching on the quilted seats is also used on the door panels and cruising console. The trim also includes micro-perforated padded leather in Titan Black with Warm Titanium piping and stitching as an optional extra.



An interior with cocoon-like comfort

On all versions, the front and rear seats have been designed for optimal comfort. The Iconic trim features a driver's seat with power adjustment (front-back, height, back-rest angle), lumbar massaging, and in-seat heating.

Similarly, the same finish and décor elements feature across the upper section on both front and rear door panels for a premium feel in every seat.

The washed-grey fabric used for the roof lining that wraps down the front windscreen pillars features on every trim and adds a final touch to the interior's 'cocoon-like' feel. In the front and centre, the Deep Glossy Black overhead console is highlighted by touch activated reading lights and a frameless electrochromic rear-view mirror⁶ for added elegance. Two more touch-activated reading lights are built into the rear section of the roof for the comfort of passengers in the back row.

To further confirm the choices for each trim, a series of poly-sensory evaluations were conducted with an in-house panel of test subjects that represented potential clients of the All-new Austral. Nearly a thousand criteria were assessed, be it the visual aspect, the feel, and even the sounds made by moving parts.

Maximum space for all

Like the many 'cars for living' that have left their mark in Renault's history books, the All-new Austral has been designed to comfortably fit the whole family. The new Alliance CMF-CD platform has helped maximize space and practicality.

The ergonomically designed front seats are extra comfortable (150 cm of elbow-width and 137 cm of hip-width) with more space around the centre console and under the dashboard. The elevated driving position and absence of controls usually built in the centre console make for a roomier and more comfortable drive.

The rear passengers have not been forgotten. Thanks to the new platform, the comfort level and ergonomic performance of the seat position have been improved compared to standard SUV models, with second row spaciousness among the category's best. With knee-room measuring 27.4 cm⁷ and more than 90 cm of head height. The intelligent angle of the rear bench seat makes it possible for passengers to keep the heels flat on the floor without having to raise their knees, guaranteed comfort for long journeys.

⁶ Available on the production model starting with the Techno trim.

⁷ On versions without a sliding rear bench seat or with the sliding rear bench seat in standard position.



The car also boasts optimal accessibility with some of the widest front and rear side openings for the category (67.6 cm in the front and 57.7 cm in the back).

Lastly, the panoramic glass roof panel – available as an optional extra from the Techno trim up – heightens the feeling of roominess on board. The tinted roof is equipped with an electric sun shield for better temperature control in summer.



Plenty of convenient storage

The All-new Austral has plenty of storage for the whole family. In moving the shifter⁸ and other controls to the steering wheel and Open R display, it has left a large area between the two front seats that can be used for new storage compartments. These include a 'spare-change' tray with two cup holders, a smartphone holder with in-built inductive charging, a 2-litre storage area hidden under the sliding armrest and a 3.6-litre closed storage compartment behind the centre console. The closed compartment is easily opened with a simple push on the wing-lid flap. For convenience, a storage compartment for sunglasses has been built into the overhead console. The glove box has a capacity of 6.4 litres and the door bins can each fit 4.3 litres in the front and 2.1 litres in the rear.

⁸ On automatic models.



Second row passengers benefit from a large, removable centre armrest with built-in cup holders.⁹ They also have two large 2.2 litre pockets in the backs of the seats in front of them. In total, the All-new Austral has 35 litres or 31 litres of storage on automatic and manual models respectively.



Sliding rear bench seat

Modular and versatile, certain version of the All-new Austral have a 2/3-1/3 split-folding seat in the rear. Each section can slide back and forth over 16 cm separately from each other.

The bench seats slide along rails when triggered by simply pulling a user-friendly handle located under the seat. A simple and quick manoeuvre to change up the car's interior volumes to either increase the boot capacity or give more leg room to back seat passengers.

The angle on the rear seat backrests can also adjusted (25°, 27°, and 29°) for added comfort and to better suit each passenger.

Handles on each side of the boot are used to lay the backrests down flat.

⁹ Without the fixed rear bench seat.



Generous boot space

Thanks to the extended wheelbase on the new CMF-CD platform and the sliding rear bench seat, the interior of the All-new Austral has been optimised without compromising on boot capacity.

In the Mild Hybrid or Mild Hybrid Advanced versions, with the fixed rear bench seat, the rear luggage compartment can fit 500 dm³ VDA (430 dm³ VDA on the E-TECH Hybrid). With the sliding bench seat, boot capacity can reach up to 575 dm³ VDA (555 dm³ VDA on the E-TECH Hybrid).



With the rear seat folded down, the available capacity reaches 1,525 dm³ VDA (1,455 dm³ VDA on the E-TECH Hybrid)!

Hands-free motorised tailgate

The All-new Austral is equipped with a motorised tailgate as an optional extra on the Techno trim and as a standard part on Iconic.

With the press of a button, the driver can easily open and shut the boot right from their seat in the front. Outside, the boot can be opened or shut by using the electric button located on the rear door, the hands-free key card, or by simply moving one's foot under the sensor mounted on the rear bumper. New generation motion sensors have helped improve how the system operates.

The opening motion can be stopped at any time if there is limited available height. A maximum opening height can also be programmed for the handle to always stay within reach or to avoid having the door hit the ceiling in a frequently used parking spot.

A great deal of work went into making sure the motorised rear door was of the finest quality around. Renault engineers worked on the speed at which it opens and shuts, and reduced the sound made by the mechanism to make it as silent as possible.

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A full range of accessories

The All-new Renault Austral has a full range of accessories.

The exterior design can be customised with colour packs for the front, rear skid plate, and mirror casings. The packs come in four versions: 'carbon', 'gold', 'light grey', and 'satin metallic grey'.

Metallic running boards for the extra SUV feel are also available.

Inside, sport pedals, light door sills, and an elegant boot sill make for a complete range of accessories.

A new electric retractable tow bar makes its grand début on a Renault vehicle in this segment. By simply pressing a button located in the boot, it automatically slides out to full length without any grime or grunt. When not in use and stowed away, it disappears from sight to preserve the vehicle's exterior style.

'Quickfix' horizontal roof bars are also available and can be mounted without requiring any tools. Available in two versions, either roof-mounted or on front-to-back rails, they can be used for roof boxes, ski racks, bicycle racks, and more.

Lastly, the All-new Austral offers many accessories for greater on-board comfort, pleasure, or safety: floor mats, boot protectors and dividers, mud flaps, air deflectors, snow chains, alarm, etc.





The All-new Renault Austral Esprit Alpine: a brand-new high-end trim

The Esprit Alpine trim makes its début on the Renault line up. This exclusive, brand-new set of features pushes the bounds of sporting style, elegance, and technology on the All-new Austral.



Exterior design: A proudly athletic style

The emblematic design of the Esprit Alpine trim draws its unique style from the sporting DNA of Renault Group's flagship brand, Alpine.

This version¹⁰ sees the All-new Austral with an even more assertive design underpinned by a new, specially designed, Satin Shale Gray body colour. The exclusive varnish with a specifically studied formula gives it a satin finish that is part way between gloss and matte, while also making it more resistant than ever. The finish is quite sensual and

¹⁰ Available on Techno or Iconic.



found on no other mass-market model, it is soft to touch and highlights the vehicle's muscular and dynamic silhouette. A bold style that is further enhanced by the bi-tone finish¹¹ with Diamond Black, the Deep Glossy Black used for the décor above the side windows, and the Satin Black roof bars.

Esprit Alpine also features 20-inch 'Daytona' aluminium rims with 'Alpine' markings. With a black diamond and smoky grey varnish, the dynamic look is also reflected in a series of broken lines.

On the front end, the Satin Grey horizontal bar on the grille is underpinned by an aerodynamic sport blade in the same colour, while the Renault logo (front, rear, wheel centres) is in a sleek and sophisticated brushed Ice Black.

The elegant and sporty silhouette is enhanced by Deep Glossy Black highlights around the windows and along the dynamic curve of the roof. The side wings are fitted with two 'Esprit Alpine' side badges.

The vehicle name is displayed on the back in Ice Black lettering that matches the Renault logo that is showcased by two high-tech lights with 3D moiré patterns and dynamic indicators.



¹¹ Bi-tone finish is standard on the Iconic Esprit Alpine, and an optional extra on the Techno Esprit Alpine.



Interior design: Elegance in every detail

Inside, Esprit Alpine includes Alcantara upholstery with a carbon-fibre like 'twill' and Alpine Blue double stitching. An embroidered Alpine logo on the headrests and a discreet French flag inserted into the inner side seams, add the final touch of elegance.

Matching Alcantara inserts with blue stitching have been used on the door panels and passenger-side dashboard.

The form-fitted padding on the cruising console also features Alpine Blue double stitching.

However, the Nappa leather steering wheel with Alcantara inserts has stitching in red, white, and blue.

Blue-trimmed safety belts, aluminium pedals, and 'Alpine' markings on the door sills finish the look.

Lastly, when the driver climbs on board, the OpenR screen displays a welcomes sequence designed in Alpine colours.



Range-specific equipment

In terms of equipment, the All-new Austral in Iconic Esprit Alpine trim has a heated steering wheel, heated front seats with power-settings (front/back, backrest height and angle), and a lumbar massage for the driver. The standard

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model also includes the technological advantages of the Active Driver Assist, an intelligent and proactive adaptive cruise control system (see page 45).



PLATFORM AND ENGINES: LESS CO₂, MORE TO ENJOY

The All-new Renault Austral is the first Renault model to benefit from what the Alliance's new CMF-CD platform has to offer. Made to house various hybrid motors, it means the All-new Austral can be equipped with innovative electrified powertrains, such as the new E-TECH Hybrid engine, the new Mild Hybrid Advanced engine with 48V battery, and the Mild Hybrid engine with 12V battery.





New platform, new performance

The brand-new CMF-CD platform heralds in a complete overhaul of the Alliance's brand line-up for the compact and high-end segments. The All-new Austral is the first Renault model to use it and has a brand-new architecture, a redesigned chassis, and the latest on-board technology for a model that will give others on the market a run for their money.



Agile around town and on the open road

With a specifically designed chassis and steering system, the All-new Austral is a true joy to drive.

The All-new Austral chassis comes in two versions: flexible torsion beam for two-wheel steering models and a multi-link rear axle with 4CONTROL Advanced for four-wheel steering (see page 42).

The 14.7:1 steering ratio on two-wheel steering drops to less than 13:1 on models with 4CONTROL Advanced. This makes for an enjoyable driving experience, customisation possibilities, and a level of precision like no other on the market.



The two-wheel steering model has kerb-to-kerb turning circle measuring 11.5 metres. That drops to only 10.1 metres on the four-wheel steering model, making it as easy to manoeuvre as a city car on urban roads. This is unlike any other vehicle on the segment. Now a third-generation iteration, the 4CONTROL system has been continually improved and never equalled since it was created 15 years ago.

Dynamism and efficiency

In terms of driving behaviour, the finely engineered, rigid chassis on the All-new Austral strikes a perfect balance between behaviour, comfort, and handling for true driving pleasure. The rigid body and optimised shock absorbers and suspension have helped greatly reduced vibrations and noise for superior comfort

The sturdiness of the torsion frame was achieved without adding too much weight to the vehicle thanks to the use of materials such as aluminium (doors, axle shafts). In keeping the weight in check (less than 1,400 kilos in the basic version with the Mild Hybrid 12V engine), it has also helped reduce the vehicle's inertia when driving thereby improving the agility and handling around corners.

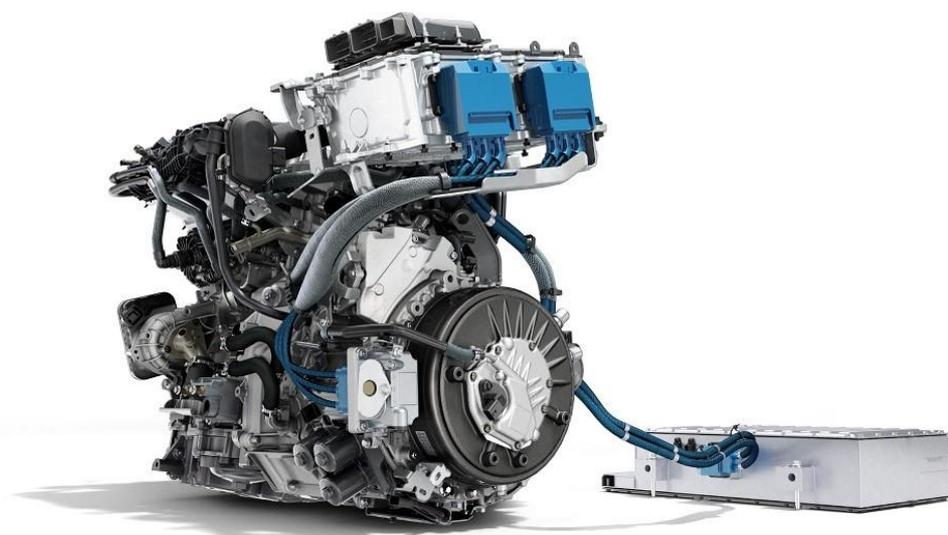
The work carried out on every aspect of the CMF-CD platform means that the All-new Austral can integrate innovative hybrid technology to continually seek out the best levels of performance and efficiency. This also means that the fuel efficiency and CO₂ emissions are the best to be seen within the segment.



The best engines in terms of fuel efficiency and emissions

The All-new Renault Austral benefits from a range of innovative powertrains with the latest generation of E-TECH Hybrid motors on a 400V network for up to 200 HP, and two petrol engines: a 130 HP 48V Mild Hybrid Advanced and a 140 HP and 160 HP 12V Mild Hybrid engines which are taking part in the massive electrification of the Renault range.

The brand-new 160 and 200 HP E-TECH Hybrid engine: power and efficiency



The All-New Austral introduces a brand-new E-TECH 'full hybrid' self-charging engine that has been perfected to run a superior segment vehicle with better performance and greater driving pleasure, while also reducing fuel use and CO₂ emissions. It has a combined power of up to 146 kW, or 200 HP.

This latest iteration of hybrid E-TECH technology, developed and patented by Renault engineering, keeps the ingenious system. It combines a combustion motor, two electric motors (an 'e-motor' traction motor and an HSG high-voltage starter generator used to start the combustion motor, shift speeds, and charge the battery), a central battery, and a smart multi-mode dog gearbox.



The All-New Austral E-TECH Hybrid engine is equipped with a new 1.2 litre 96 kW 3-cylinder turbocharged petrol engine with 205 Nm of torque. It is paired with an electric motor boasting more power and more torque (50 kW and 205 Nm), a greater-capacity lithium-ion battery (1.7 kWh / 400 V), and a 7-speed gearbox (two for electric mode and five for hybrid mode). The gears have been optimised in terms of torque capacity (up from 350 Nm to 410 Nm), power, output, and responsiveness.

The result being more powerful, linear starts; smooth acceleration through shifting gears; clean transitions without a drop in torque, and the combustion motor constantly runs within its optimal output range.

Available in either 160 HP or 200 HP, the All-new Austral E-TECH Hybrid offers maximum driving efficiency with market-leading responsiveness that has been confirmed by the acceleration from 80 to 120km/h in just 5.9 seconds (6.8 seconds with the 160 HP motor). Regenerative braking, which triggers automatically during deceleration and braking (see page 38), when combined with the high-capacity of lithium-ion batteries to self-charge and the efficiency of the E-TECH system, makes for optimal fuel economy. This means it can spend 80% of the time on city roads in full-electric mode, which equates to 40% fuel savings compared to a petrol engine in urban cycle, all without changing one's driving style.

As with the previous generation of E-TECH Hybrid engines, the car harnesses immediately available torque and always starts in full-electric mode for a driving experience that is unique to electric cars, combining silence with responsiveness.

The smart gearbox switches automatically between the electric and combustion motors to guarantee a highly responsive drive and while keeping fuel efficiency in check.

Equipped with the latest E-TECH Hybrid engine, the All-new Austral has optimal levels of fuel efficiency and CO₂ emissions (starting at 4.6 L/100 km and 105 g of CO₂/km)¹² making it one of the most cost-efficient hybrid SUVs to run.

In a gesture to its electrified DNA and its small environmental footprint, the All-new Austral E-TECH Hybrid wears the 'E-TECH Hybrid' badge on the boot area and a golden 'E' for the vehicle's name. On Esprit Alpine models, the 'E' is blue.

¹² Subject to certification.



Brand-new Mild Hybrid Advanced 130 HP engine: the best alternative to Diesel



The Mild Hybrid Advanced engine makes its Renault debut with the All-new Austral and serves as a genuine alternative to Diesel. It combines the latest 1.2 litre 3-cylinder turbocharged petrol engine with a 48V lithium-ion battery and starter motor. The latter helps the combustion motor when it is using the most energy – starting and accelerating – for extra power input when most needed and all the while limiting fuel use.

With the 130 HP engine and manual transmission, the All-new Austral offers a seamless driving experience, with plenty of torque from the hybrid motor when driving in low gear and the turbocharger the rest of the time. In addition to the overall performance, the presence of a balancing shaft makes the acoustics comparable to that of a 4-cylinder engine.

The Mild Hybrid Advanced engine harness four primary features to help the All-new Austral achieve the best level of fuel efficiency and CO₂ emissions for the segment (from 5.3 l/100 km and 123 g/km)¹³. First, the cubic capacity and stroke ratio have been improved. Second, improved combustion efficiency through implementing a combustion cycle ('Miller') used in Formula 1 and adding a low-pressure cooled Exhaust Gas Recirculation (EGR) valve. Finally, friction optimisation made possible thanks to an electrical water pump and a low-viscosity oil. The combined impact of these changes places the fuel efficiency on par with the latest Diesel engines, and up to 20% less fuel use than a similar non-hybrid engine.

¹³ Subject to certification.



Thanks to an injection pressure that has been increased to 350 bar and a more efficient pollution filtering system, the Mild Hybrid Advanced engine is already to take on changes brought on by the upcoming Euro 7 regulations.

140 and 160 HP Mild Hybrid: the tried-and-tested engine



The Mild Hybrid engine is the first-level hybrid motor offered on the All-new Austral and utilises a 1.3 litre 4-cylinder turbocharged direct injection petrol engine that is already available on selection of Renault vehicles. Developed in collaboration with Daimler, the engine is assisted by a starter motor and a 12V lithium-ion battery.

Available in either 140 HP or 160 HP with the X-TRONIC automatic transmission, or as 140 HP on a manual model.¹⁴

The 12V Mild Hybrid technology used on the All-new Austral sees an improved Stop & Start function and features the 'Sailing Stop function on X-TRONIC models. In particular, this helps regenerate energy when braking and turns the engine off – on an automatic gearbox – when decelerating. These features all help reduce fuel use and emissions, while still ensuring a smooth start every time and a more comfortable drive during day-to-day use.

¹⁴ Depending on country and version.



The 160 HP 12V Mild Hybrid engine on the All-new Austral boasts maximum torque of 270 Nm available from 1,600 to 3,250 rpm and mixed cycle and mixed cycle fuel economy as low as 6.2 L/100 km, with CO₂ emissions starting at 136g/km.¹⁵

¹⁵ Subject to certification.



Electrification technology and eco-functions

The All-new Austral incorporates electrification technology for unequalled efficiency. Such as the new generation of E-TECH Hybrid technology, but also many features that have been designed to maximize energy efficiency.



Next generation E-TECH technology

The innovative E-TECH Hybrid engine used on the All-new Austral gave rise to more than 200 patents!

The new features include the engine base (see page 33), as well as the enhanced automatic gearbox and the 1.7 kWh 400V battery. The air conditioning system has been fitted with an innovative cooling mechanism so it can operate optimally no matter the driving conditions.

Much like the previous generation, the All-new Austral's E-TECH Hybrid motor is built on a so-called 'series-parallel' hybrid architecture that offers the widest range of performance types between engines and the best CO₂ gains when on the road. Thanks to an improvement of the multi-mode device, the number of possible combinations of different energy sources goes from 14 to 15 for better use of the hybrid system. Other improvements include the enhanced driving pleasure and fuel efficiency for a cost/performance ratio like no other on the market.

Pick-and-choose regenerative braking

Each of the three electrified motors on the All-new Austral feature regenerative braking. For the E-TECH Hybrid, the driver can select one of four different modes using a toggle located behind the steering wheel.

Regenerative braking transforms the kinetic energy produced when decelerating or braking into electrical energy that is then stored in the battery. This improves fuel efficiency, extends the range in electric mode, while preserving the brakes and reducing particulate pollution.



With the E-TECH Hybrid engine, the driver is given immediate feedback on the instrument panel display as to how much energy is being regenerated when the accelerator pedal is released, or the break used.

Specific animations

On the E-TECH Hybrid and Mild Hybrid Advanced versions of the All-New Austral, the brand-new digital dashboard features animations that are specific to hybrid models.

A 'power-o-meter' displays the amount of instant power needed when accelerating as well as the regenerative power when decelerating or braking. Its colour changes according to how power is being used.

The battery gauge gives a real-time indication of the amount of available electrical energy, as well as the energy-use profile in relation to the power demand and/or road incline.

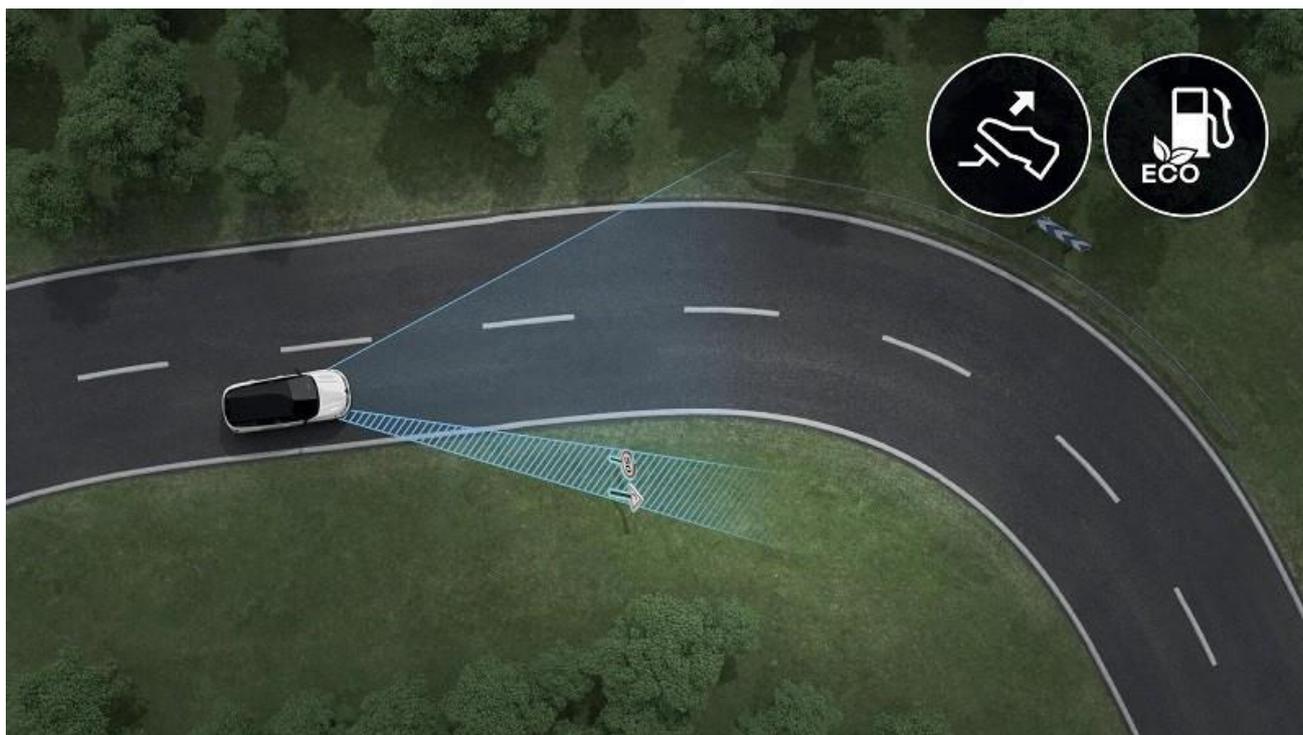
With the E-TECH Hybrid engine, in addition to the real-time assessment of the driving behaviour via the instrument panel, the OpenR Link multimedia system shows where energy is flowing, and which energy is being used to drive the car (electrical, mechanical, combined).

In addition to the chosen level of regenerative braking, these notifications ensure that the driver has a good understanding of the car's current fuel efficiency.

Predictive eco driving advice and Predictive hybrid driving

Available as either standard or as an optional extra on the All-new Austral (depending on the chosen trim and engine), the Predictive eco driving advice is a brand-new function. It helps the driver adopt a more fuel-efficient style by using either the instrument panel or the 9.3" Head Up Display to indicate the best time to release the accelerator pedal as the car approaches a particular event (sharp turn, roundabout, drop in speed limit, toll area, intersection with a 'STOP' or 'GIVE WAY' sign).

Based mainly on information taken from high-definition electronic maps, these instructions – if followed by the driver – helps save on fuel while also reducing wear and tear on the brakes and tyres.



On the E-TECH Hybrid engine, the Predictive eco driving advice is enhanced by the Predictive hybrid driving function that helps optimizing route planning while driving in electric mode. Based on data from the electronic maps, it takes into account topography (uphill, downhill, etc.), travel time, and traffic.

Without a pre-set destination, the system uses the driver's usual driving habits to plan the most likely route in order to optimize energy use.



INNOVATIVE TECHNOLOGY FOR GREATER COMFORT AND SECURITY

Equipped with the latest generation of **MULTI-SENSE** and **4CONTROL** technology, the All-new Austral is a door to a whole new world of sensations. At the forefront of modernity, it offers **32 ADAS (Advanced Driver Assistance Systems)** with additional passive safety features. Each system is proactive and intelligent, putting the car at the top of its class in terms of comfort and safety.





MULTI-SENSE and 4CONTROL Advanced: a world of sensations

The MULTI-SENSE and 4CONTROL Advanced systems are iconic of Renault's expertise in engineering and are there to customise the All-new Austral's on board experience for a more enjoyable and heightened driving experience.



MULTI-SENSE Advanced: Immersive experiences and sensations

Thanks to the latest generation of MULTI-SENSE technology on the All-new Austral, drivers can adapt their driving mode to suit their mood and desires. The numerous customisation options mean that every trip can be a brand-new experience.

Accessed via the OpenR screen and a brand-new button located on the steering wheel, the settings cover everything from driving sensations (steering effort, engine and chassis responsiveness etc.) to the interior mood

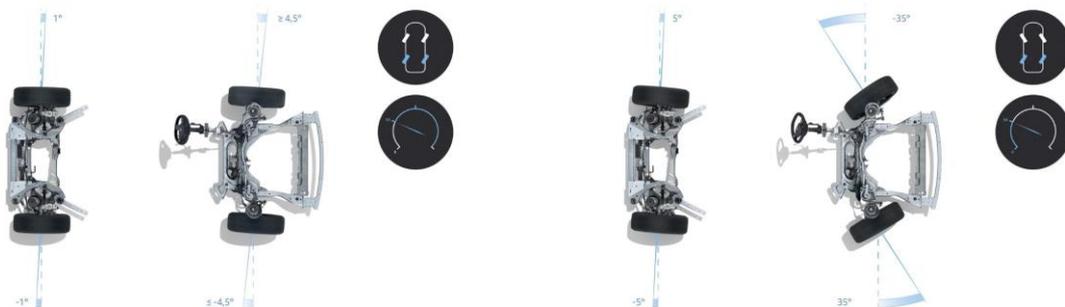


(interior lighting, temperature, instrument panel display and colour). Three pre-programmed modes (Eco, Comfort and Sport) find the best level for each setting to achieve greater fuel efficiency, a highly adapted driving regime for commonly encountered events, or high energy sensations depending on the chosen mode. A fourth mode (Perso) gives the driver free rein over every setting. The Extended Grip Pack includes two additional modes: 'Snow' and 'All roads'. Drivers can switch between modes at any time, either manually or via the voice command Google Assistant.

The All-new Austral also features a brand-new proactive function to help reduce fuel use in that it automatically suggests switching to Eco mode. Based on user habits and real-time analysis of driving conditions, the on-board artificial intelligence suggests switching to Eco mode via a recommendation displayed on the central screen.

4CONTROL Advanced: Increased safety and greater driving pleasure

The All-new Austral will see the arrival of Renault's third generation four-wheel steering: 4CONTROL Advanced.¹⁶ Unlike no other on its segment, it imbues the All-new Austral with a new level of comfort, increased agility, and unparalleled performance.



With 4CONTROL Advanced, the All-new Austral is equipped with multi-link rear axle for a unique balance between handling, comfort, and stability on all road conditions. On uneven and poor-quality roads, the vertical movement of the wheels is better managed in order to filter out the lumps and bumps in the road surface, thereby offering better handling, comfort, and acoustic performance.

With the addition of a steering actuator on the multi-arm rear axle, the maximum steering angle of the rear wheels, running opposite to the front wheels, is now 5°. Better than all other models in the range (previously 3.5°), the All-new Austral now has a kerb-to-kerb turning circle that is tighter than regular city cars: 10.1 metres!

Nimble and notoriously easy to manoeuvre on city roads, the All-new Austral handles just as well on open roads and high-speed motorways. When cornering (starting at 50 km/h depending on the chosen MULTI-SENSE settings), the

¹⁶ Available as an optional extra the E-TECH Hybrid.



rear wheels can also turn up to 1° in the same direction as the front wheels, to give the driver extra stability and truly calm driving experience.

When paired with MULTI-SENSE settings for even more sensations and additional customization options, the 4CONTROL Advanced guarantees optimal handling in any circumstance. Drivers can now choose from 13 settings as opposed to the original three, to fine-tune the car's behaviour to truly suit their every expectation.

// Thanks to the new CMF-CD platform shared with the Alliance and the unique know-how of Renault Engineering, the All-new Renault Austral provides performance that is unprecedented for the segment. Its 4-wheel steering chassis 4CONTROL Advanced, for example, offers an outstanding maneuverability, worthy of a city car, and improves the vehicle's stability in all road conditions.

Olivier Brosse, Renault Director of Engineering



Smart and proactive driving aids

The 32 ADAS on the All-new Austral are divided into three categories: Driving, Parking, and Safety. Designed to provide the driver with the ultimate level of driving comfort, they also help the driver maintain control at all times, thereby ensuring the safety of everyone inside the car and other people on the road.

Next generation Head Up Display

The All-new Renault Austral serves to launch the brand new **9.3" Head Up Display**. Vehicle speed, active ADAS, speeding warning, and navigation indications are now projected directly onto the windscreen. They are shown in real-time within the driver's field of view for optimum driving comfort.





Active Driver Assist for context-based autonomous steering

Another state-of-the-art ADAS: the **Active Driver Assist**. This system adds contextual information to Renault's well-known Motorway and Traffic Companion to widen its scope beyond use solely in fast lanes. The driver can therefore manage all sorts of road events they may encounter to the best of their ability. A level 2 of vehicle autonomy, it combines Adaptive Cruise Control with 'Stop & Go', Lane Centering, as well as GPS data and a map so the vehicle can alter its route.

Adaptive Cruise Control (ACC) mixes the front camera's recognition of speed signs with data from the navigation system to choose the safest possible speed limit at any given time. The All-new Austral then automatically adapts to the detected speed while maintaining a minimum safe distance behind the vehicle ahead.

Should traffic come to a full halt, the '**Stop & Go**' function will set the car in motion after a 30-second wait (instead of the previous 3 seconds).

The Active Driver Assist uses geo-localisation data and a specific map that integrates roundabouts and sharp turns. In addition to displaying such events on the dashboard, the All-new Austral can also automatically decelerate when approaching a roundabout and then accelerate back up to the maximum speed once having passed through. All this without the driver having to do a thing.

The **Lane Centering** (LC) actively moves the steering wheel and can now even run when either of the two lateral road markings is gone (e.g., on the edge of a country road).

Automatic speed adaptation

Integrated into the Active Driver Assist, **Traffic sign recognition with speed alert** (OSP) can also be used on its own. This function displays the maximum speed limit on the instrument panel and on the navigation screen. Should the actual speed be higher, a visual warning appears for the driver to see. A button on the steering wheel can be used to activate the Speed Limiter, Cruise Control, or Adaptive Cruise Control to adapt to the speed limit.

An eco-driving assistant

Another novelty on All-new Austral is the **Predictive eco driving advice**. This feature tells the driver when to ease up on the accelerator to save fuel (and to therefore emit less CO₂) when approaching a particular road event (sharp turn, roundabout, change in speed limit, toll, intersection with a 'STOP' or 'GIVE WAY' sign).

Market-leading parking assistance



As for Parking ADAS, in addition to the usual radars and rear-view cameras, two new ADAS put the All-new Austral at the forefront of its category.

The **360° around view 3D camera** uses four to display a 3D rendering of the All-new Austral with a 360° of everything in its direct vicinity. The driver can then view the outside of the vehicle via the touch screen, while turning the image around or zooming in on a specific area. It can also display an overhead panoramic view that covers everything in front and behind the vehicle. These features making parking a breeze.

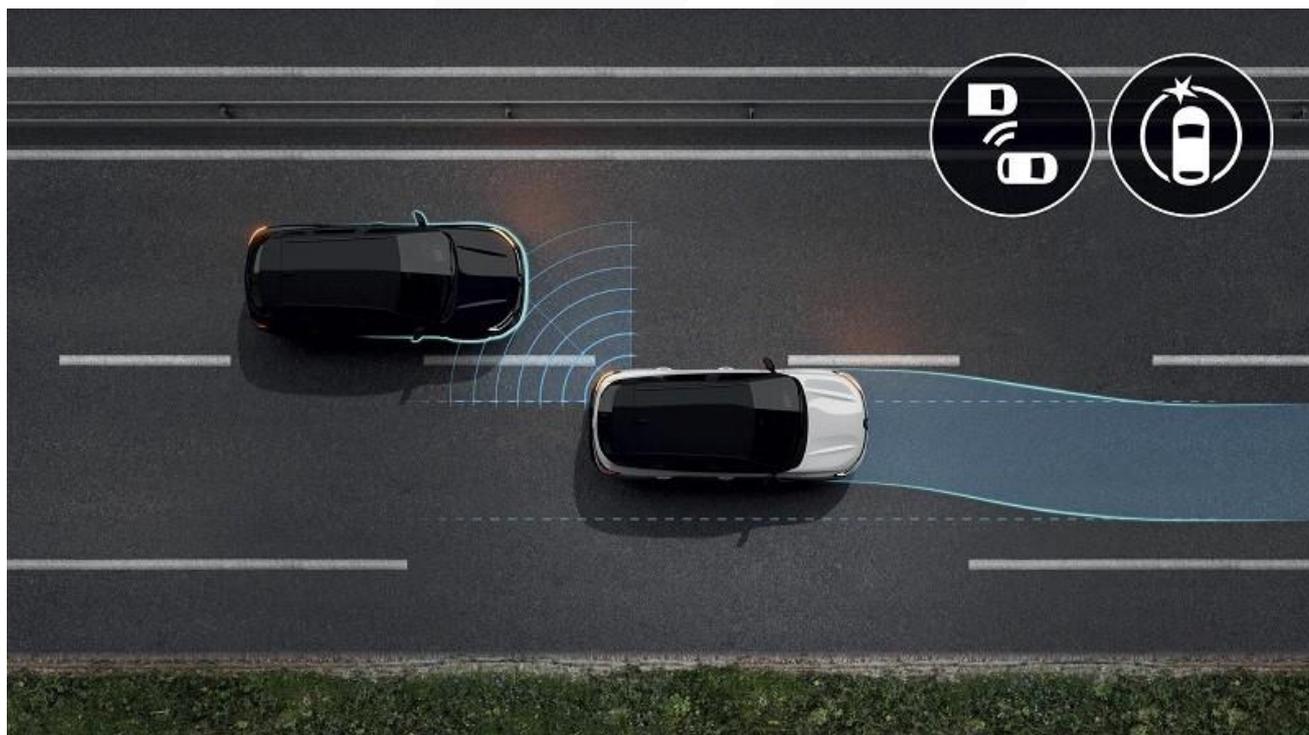
The **Full Automated Park Assist (FAPK)** is an improvement on the semi-automatic Easy Park Assist by carrying out the entire parking manoeuvre on its own. After activating the Full Automated Park Assist, the driver only has to monitor the area around the vehicle while applying pressure on the accelerator to control the vehicle's speed. The car will then park itself in either an angle, perpendicular, or parallel park without having to use the break, change gears, or even touch the steering wheel.

Increased active safety

In terms of active safety, the All-new Austral is equipped with three well-known ADAS that help reduce the risk of collision: **Lane Departure Warning (LDW)**, **Blind Spot Warning (BSW)**, and **Lane Keeping Assist (LKA)**.

The latest iteration of the **Emergency-LKA (Blind Spot Warning and Lane Departure Prevention when overtaking)** make the system more effective than ever. Using technology that combines data from the front camera and side radars, the vehicle is automatically guided back to its lane when the system detects a potential lane departure or collision from the front or side during an attempt to overtake.¹⁷

¹⁷ Effective from 65 to 180 km/h for potential side-on collisions or road departures and from 65 to 110 km/h for potential head-on collisions.



This latest ADAS can be further enhanced by displaying on the instrument panel a **'Road view'**, representation of the chosen lane with the All-new Austral and any nearby vehicles in real time.

The vehicle also features three other ADAS that are designed to protect other road users, in particular pedestrians and cyclists.

The **Rear Autonomous Emergency Braking** (Rear AEB) is, as the name suggests, the same as the **Autonomous Emergency Braking System** (AEBS), though this time it is for when the driver is reversing. Should the ultrasonic sensors detect a potential obstacle (pedestrian, cyclist, pole ...), the system warns the driver through visual and audio cues before triggering a two-second emergency brake in order to avoid a collision. The system is active when reversing between 3 km/h and 10 km/h.

The **Rear Cross Traffic Alert** (Rear CTA) detects vehicles moving at more than 4 km/h when the driver starts to reverse out of a parking spot where visibility is limited (perpendicular or angle parking). If a vehicle is identified by the rear ultrasonic sensors, an audio and visual cue tells the driver to stop and check in all directions before proceeding.

In addition, the **Occupant Safe Exit** (OSE) warns the driver when opening their door to get out of the vehicle, if another vehicle, motorcycle, or bicycle is approaching. The visual and audio warnings are particularly helpful in avoiding accidents with cyclists who are prone to such accidents on urban roads.



Smart high-tech lights

The All-new Austral features high-tech head lights that are not only essential for on-road safety but also greatly improve driving comfort.

With **LED Adaptive Vision** technology and built-in fog mode (AFS), the intelligent lighting adapts to the tilt of the steering wheel, the car's speed, traffic, and weather conditions to optimize the front and side lights, especially when cornering, so as to not dazzling others using the road.

The **Matrix LED Vision** (Matrix beam / ADB) means drivers can continue using high beam for the greatest coverage no matter what the surrounding traffic is like. This is made possible thanks to anti-glare LED technology that adapts the direction of light beams to ensure the comfort and safety all those in nearby vehicles.





The best in passive safety

The All-new Austral guarantees the best level in protection for passengers and other road users thanks to a range of improved passive safety equipment.

Reinforced basic systems

First of all, in the event of a front, side, or rear collision, the passenger compartment is now better protected. High-strength materials have been used to make the internal structure and the body sturdier.

Moreover, seven air bags have been placed passenger compartment, including a brand-new air bag between the front passengers, designed to protect them from knocking heads in the event of a side-on collision. In addition, door pressure sensors provide early detection of side-on collisions and ensure faster air bag deployment.



The seat belts are also equipped with load-limiting pretensioners to prevent chest injuries in the event of a severe impact, and their anchorage points have also been optimized for greater lumbar protection.



Every seat has an 'anti-whiplash' headrest.

For added child safety, three Isofix anchor points have been added: two in the back and one on the front passenger seat.

Road safety is as important for Renault clients as it is for all road users. As such, the front structure of the All-new Austral has been improved to reduce the severity of damage made to other vehicles or pedestrians in the event of a crash.

Lastly, in the event of an accident, the e-call system automatically calls emergency services and provides them with the necessary information to identify and locate the vehicle, and to help determine what services are required according to the number of passengers and the severity of the crash.

Secure battery, clear information

The All-new Austral E-TECH Hybrid has a battery access hatch for rescue teams to quickly access the battery should an accident occur. It also features a QR code affixed to the vehicle's window. Rescue teams can scan it to quickly ascertain what type of electrified vehicle they are dealing with along with important structural information (such as battery and air bag location, areas that can be cut in a safe fast manner...). This precious help can save up to 15 minutes in extracting someone from the wreckage.

The rapid-access battery and QR code are just some of the features that ensure optimal safety for Renault users. Globally, the safety of customers on the road – as well as employees in the workplace – is one of the three main pillars (along with inclusion and the green transition) of Renault Group's sustainable development policy brought in as part of the Renaulution strategy.

Quality, Safety, Sustainability: Three pillars at the heart of All-new Austral design

The design brief for the All-new Austral hinged upon particular attention being paid to its quality and durability. In particular, extensive tests were carried out to ensure that the various ADAS were all faultless for the maximum level of safety. No less than 700,000 km were covered during test drives to cover all possible uses. The objective: certify the car's endurance, safety, and reliability.

During manufacturing, in addition to full gamut of checks and tests carried out by lasers, robotic inspection, 3D scanners, and the like, the All-new Austral was put through its paces on specially designed tracks at the plant in Palencia, Spain. The objective: certify that every vehicle was up to standard.

Moreover, 100 vehicles were tested on closed track and the open road for over 2 million kilometres to cover the full range of road conditions.

In total, 170 prototypes were used to ensure the quality and durability of the All-new Austral and all its on-board technology.



AUGMENTED DRIVING EXPERIENCE AND CONNECTIVITY

Thanks to the user-friendly OpenR screen and OpenR Link multimedia system with integrated Google, the All-new Austral is a door to new horizons. Sitting behind the wheel is just the beginning of an augmented driving experience powered by immersive, connected technology. With the smart connectivity and premium sound of Harman Kardon, the stage is set to take to the road and enjoy the moment.





OpenR Link: an adaptive multimedia system that makes the car as intuitive as a smartphone

Jewel in the cockpit of the All-new Austral, the OpenR screen features the OpenR Link multimedia system. OpenR Link with Google built-in provides drivers with an immersive and intuitive driving experience.



Smart technology for the most intuitive experience

The All-new Austral is part of an ecosystem where the vehicle acts as the hardware that houses state-of-the-art software and optimized connectivity.

The OpenR screen is packed with technology for a smooth, rich, and adaptive experience. Using Qualcomm's third generation Snapdragon Automotive Cockpit platform and octa-core processor, it can support multiple screens, state-of-the-art connectivity, and all the technology needed for safety systems and ADAS (see page 45 for details). This platform has been designed to last well into the future with the ability to accommodate future system updates. In terms of software, the OpenR display runs on the new OpenR Link system with Google built-in, for an intuitive and optimized connected experience.



The OpenR Link system runs on Android Automotive OS, which is simply the automotive version of the same operating system as that used on more than 75% of smartphones worldwide.¹⁸ Developed by Google, the software is designed to evolve and change with the arrival of future technology. Compatible with Android Auto (for Android smartphones) and Apple CarPlay (for iPhones), as either plug-in or wireless, it means the All-new Austral can seamlessly merge with the driver's own digital ecosystem. Navigation with Google Maps, hands-free help with Google Assistant, the app catalogue on Google Play (see below), and other features of the My Renault app are the final touches that help make the vehicle's multimedia system a wholly customizable space.

OpenR Link is as intuitive to use as a smartphone, with either a single finger (short tap, long tap, scroll), multiple fingers (pinch, zoom, etc.), or by using the voice recognition software. It receives and displays notifications and the menu bar located on the top of the screen helps switch between the different primary functions – Home, Navigation, Music, Phone, Apps, Vehicle.¹⁹

The OpenR Link multimedia system interface can be personalised just like a smartphone. Each user can create their own profile and use widgets to tailor the OpenR screen layout to suit their own preferences so everyone can directly access their favourite functions. Each user account can be used to set up an extensive user profile to further personalise the vehicle's settings, automatically connect a smartphone via Bluetooth, quickly access your favourite radio stations, and more. Each user profile can also be linked to a personal Google account for an even richer experience.

Lastly, much like the operating system of a smartphone or tablet, OpenR Link is connected to the cloud and designed to evolve over time. Automatic updates are sent via Firmware Over-The-Air (FOTA) technology. For Google apps, no user input is required to receive the latest maps and points of interest. For core system updates, all users have to do is simply accept the message that appears on the screen. Thanks to high-performance, large-scale microchips, upgrades can continue for years to come with plenty of room for the smart, connected solutions of the future.

Google apps and services

The OpenR Link system offers a helpful, personalised and seamless driving experience with Google built-in.²⁰ The on-board experience is run on an environment that is familiar and easy to navigate for most users, and is built on three pillars:

- Google Maps for navigation, with real-time traffic info, points of interest, favourite restaurants, simplified Google search, voice control, live map updates, etc. Viewable on the 12.3" dashboard screen, navigation can also be viewed at any time with a single click via the vertical 12" screen.

¹⁸ Figures from Kantar World Panel, March 2021.

¹⁹ Depending on the screen.

²⁰ Available depending on the country and chosen screen.



- Google Assistant for hands-free help (on weather, phone, music, help, miscellaneous requests) and voice activated vehicle functions such as air conditioning and MULTI-SENSE mode. It's easy to send a message or answer a call, find the nearest coffee shop, play a selected radio station, adjust the temperature and more. Google Assistant can be started by saying "Hey Google", pressing the voice control button on the steering wheel, or tapping the Google Assistant icon on the OpenR Link multimedia system. Over time, Google adapts to the driver's preferences for more personalised and proactively helpful recommendations to help streamline and simplify the driving experience. Whether it be suggesting a destination for an upcoming dinner reservation, or playing previously selected media.
- Google Play for apps: music, media, podcasts, navigation etc. The catalogue is constantly being added to and updated with countless third-party apps. The catalogue is readily available with a few simple clicks via a simplified interface that has been designed specifically for in-car use.²¹

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²¹ All connected services on board the All-new Austral require a SIM card and 4G plan. The SIM card and the first five years of included when the vehicle is purchased. After that, either a smartphone can be used as a Wi-Fi hotspot (enough to run the Google suite or select downloaded applications) or a new data plan can be purchased.



Harman Kardon, premium new generation sound

In addition to the Arkamys sound system, the All-new Austral boasts a premium sound experience that was born of a partnership with sound specialist Harman Kardon, leader in automotive sound solutions for more than 60 years.



Premium audio quality

The precision of Harman Kardon's high-tech audio system offers an even more immersive experience aboard the All-new Austral. Acoustic engineers at Renault and Harman Kardon worked hand in hand to guarantee perfectly integrated hi-fidelity sound throughout the car.

Available as an optional extra, this premium audio system has a total power of 485 watts with no fewer than 12 speakers: a central midrange unit in the front, two tweeters located on either side of the instrument panel, two speakers in the rear door panels, two woofers in the front and rear door panels, two midrange units on either side of the rear shelf and a subwoofer located in the boot.

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The midrange unit features a patented shared motor coaxial speaker (midrange and tweeter) with acoustical lens and waveguide for unparalleled off-axis sound reproduction, wide and controlled sound dispersion. All for an optimal representation of music and spoken word, and a stable and focused sound stage.

Tweeters are designed with a dome made of high-quality soft cloth for a smooth and detailed reproduction up to the highest audible frequencies.

High power, dual voice coil front woofers, optimized for dynamic bass reproduction and support for midrange band. Designed hand-in-hand with an ECS subwoofer for effortless and low-distortion bass reproduction.

Surround broadband midrange speakers are made of highly durable aluminium, designed for a wide coverage of mid and high frequencies and a small footprint. They deliver a natural sound immersion for front and rear passengers and increases stability of the sound stage.

Lastly, the Externally Coupled Subwoofer is unique technology that serves to reduce the weight and volume of the subwoofer enclosure, while achieving exceptionally high performance in the low frequency range. It consists of a bespoke and performant subwoofer in a baffle of an exceptionally small size. This compact design is enabled thanks to an opening in the chassis into which the baffle is plugged, allowing for external air pressure compensation.

The entire Harman Kardon premium audio system fits elegantly into the interior of All-new Austral. Speakers on the front door panels feature a minimalist, sleek design. The stainless steel grills are covered with a high-strength matte black coating and a criss-cross of laser-cut patterns. The front midrange unit is also seamlessly built into the dashboard. It bears the same matte black stainless-steel grille with the hallmark 60° slashes of the Harman Kardon brand, and is embellished with a brushed stainless steel strip with the iconic signature.



harman/kardon
by HARMAN



The same immersive sound for all

Passengers can select from five different soundscapes: Studio, Concert, Immersion, Lounge and Club.

For each soundscape, an algorithm supporting equalization of phase responses of speakers in the car helps create a stable, well-defined and coherent sound image and stereo sound stage for all car occupants, distinct for each passenger. *Virtual Centre* technology processes the audio signals of each speaker to guarantee an unbiased stereo stage with a centre image right in front of each person as if they were sitting in the best position in front of the speakers, a place also referred to as the 'sweet spot'. This means getting the same listening experience in a car as at home listening to a favourite recording on the home Hi-Fi system.

In addition, an advanced algorithm maintains the music reproduction level and tonal balance at any vehicle speed.

Lastly, the patented *Quantum Logic Surround* algorithm makes it possible to separate input sources. In dividing streams for each speaker, it offers complete musical immersion for each passenger. The technology takes advantage of spatial information available in the recording and on where each instrument is located. The immersive multi-channel listening experience is thus enhanced by exceptional clarity and spectacularly detailed reproduction. The ideal system for everyone in the All-new Austral to be wholly in the moment and let their emotions run free.



The All-new Renault Austral: more than a car, it's a real service

The Renault's 'Nouvelle Vague' tech SUV, the All-new Austral embodies a generation of smart, adaptive, flexible vehicles. This connected vehicle harnesses technology to better serve the driver and passengers and marks the beginning of a new service for proactive maintenance as well as a range of remote services to meet new expectations of consumers and fleet operators.

A connected driving experience

Using cloud-based map data and artificial intelligence, the All-new Austral's connected ADAS are now predictive. They include the Active Driver Assist, Over Speed Prevention, Adaptive Cruise Control, Predictive Eco-Driving Assistant, and Predictive Hybrid driving²³ (see details on pages 38 and 40).

This technology is not only useful, proactive, and smart, but it also helps enhance the safety, efficiency and comfort levels for all.

Proactive maintenance

In an effort to make the lives of its users easier, the All-new Austral offers a brand-new connected maintenance service.²⁴ Vehicle usage data is collected (number of kilometres travelled, driving style, information displayed on the instrument panel, etc.) and then analysed by Renault teams to detect any upcoming maintenance that may be required. The user is then given a timely reminder that the car needs a full service, or the tires need changing, or something as simple as the hands-free card needing a new battery.

Knowing that Renault is by their side, drivers can take to the road with peace of mind and not having to worry about maintenance.

My Renault services

The All-new Austral also comes with practical solutions for remote check-ups and guidance. Thanks to the My Renault platform and the vehicle's connectivity, private and corporate owners alike can benefit from a range of services for day-to-day use.

Accessible via the mobile app, My Renault can be used to help find the vehicle in a parking lot thanks to the 'locate my vehicle' function or to flash the headlights and honk the horn from a distance.

²³ ADAS are available as standard features or optional extra depending on the trim.

²⁴ Available according to the vehicle's production date.



The application can also be used to consult the All-new Austral's electronic handbook, or to find the full list of equipment, or to remotely check the instrument panel's read outs (mileage etc.). It can also be used to access service agreements, to contact a Renault mechanic, or to book an appointment.

Remote piloting for the All-new Austral is offered to fleet operators with a full-fledged range of solutions to better optimize fleet management and keep an eye on operating costs. Such features include: opening, closing, and starting the car via a smartphone for car-sharing; checking the fuel and oil levels; maintenance alerts, etc.

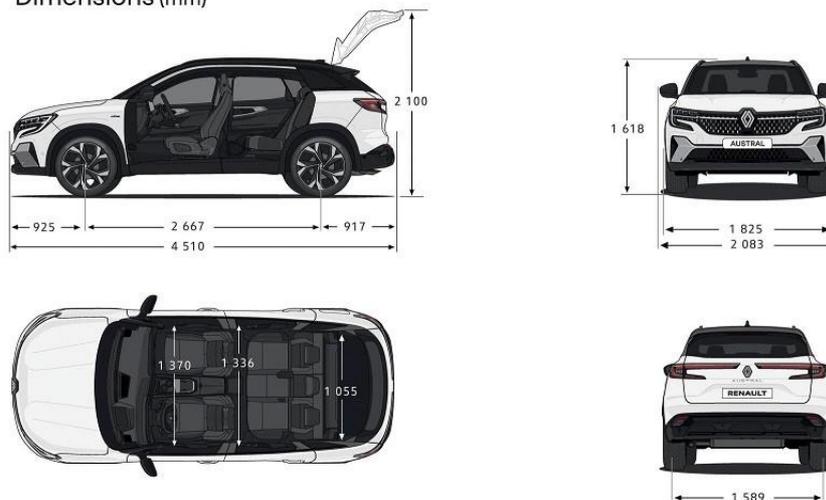
Ultimately, in certain countries, the data that is shared between Renault and the All-new Austral servers will also help provide tailored insurance solutions for professionals and private owners.

Throughout the car's life span, My Renault services will continue to grow and evolve over time, for a seamless journey between life on board and life outside.



RANGE AND TECHNICAL SPECIFICATIONS

Dimensions (mm)



TRIMS

Equilibre

Evolution

Techno

Techno Esprit Alpine

Iconic

Iconic Esprit Alpine

POWERTRAINS

E-TECH Hybrid 160 ou 200 hp – 400V

Mild Hybrid Advanced 130 hp – 48V

Mild Hybrid 140 ou 160 hp – 12V

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DIMENSIONS AND WEIGHT

Length: 4,51 m

Width: 1,83 m

Height: 1,62 m

Wheelbase: 2,67 m

Front overhang: 925 mm

Rear overhang: 917 mm

Ground clearance: 170 mm

Weight : à partir de 1373 kilos

Boot volume fixed rear seat: 500 dm³ VDA (430 dm³ VDA in E-TECH Hybrid version)

Boot volume sliding rear seat: up to 575 dm³ VDA (up to 555 dm³ VDA in E-TECH Hybrid version)



ABOUT RENAULT

Renault, a historic mobility brand and pioneer of electric vehicles in Europe, has always developed innovative vehicles. With the 'Renaulution' strategic plan, Renault has embarked on an ambitious, value-generating transformation moving towards a more competitive, balanced and electrified range. Its ambition is to embody modernity and innovation in technology, energy and mobility services in the automotive industry and beyond.

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