

New Renault ARKANA

A hybrid approach to the coupé-style SUV



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Introduction



With the successful European launch of its Arkana SUV coupé, Renault has reinvented the market's conventional codes to become the first mainstream carmaker to offer a coupé-style SUV on the continent, a profile exclusive to premium brands up to now. This all-new offer complements the other models in the compact range (Mégane, Kadjar and Scenic) and is targeting the exceptional growth in the SUV market around the world.

Renault's New Arkana combines SUV and coupé-style features, offering an advanced hybrid technology with the best of both models – a reassuring elevated driving position, roominess, uncompromising boot capacity and an innovative and distinctive style. The New Renault Arkana guarantees a more thrilling and responsive driving experience, especially with the R.S. Line trim and the latest full-hybrid engine technology– E-TECH Hybrid – and its 1.3 TCe micro-hybrid 12V engines.

The New Renault Arkana is designed to meet the very diverse expectations of international markets and illustrates the Group's global approach. It is a truly a global vehicle, with technical features tailored to each market. In Europe, the New Arkana is based on the Alliance's CMF-B modular platform which was also featured on the latest generations of Clio and Captur.

Like the Renault Samsung Motors XM3, the New Renault Arkana will also be made at the Busan plant in South Korea and will hit the market in the first half of 2021.

“Arkana is another example of how modernity and innovation are rooted in Renault's DNA. It is a hybrid on all levels, and perfectly blends the codes of the coupé and the SUV, combining responsiveness with versatility. It brings a fresh impetus to the mainstream compact SUV segment which is core to the European market. Arkana's hybrid technology engines are forward-looking and offer a unique driving experience, with the innovative E-TECH Hybrid system at the top of the range, guaranteeing driving pleasure with reduced CO2 emissions and improved fuel efficiency.”

François Laurent, Arkana Programme Director

EXTERIOR DESIGN

An exclusive concept and striking design

The New Renault Arkana brings an all-new addition to the Renault line: a coupé-style SUV. The exterior combines elegance and sturdiness with even more character at the R.S. Line trim level.



The ideal combination of SUV and coupé

The New Arkana boasts an exclusive hybrid look. With pronounced ground clearance (190 mm), an elevated and muscular beltline and wide shoulders, Arkana fits perfectly in the world of SUVs. The front and rear skid plates and the wheel arch protections enhance the SUV look, while the plunging roofline and window line both create an agile and slender curved design that extends to the rear windows and enhance the car's dynamic look, a design which is also capturing the features of the coupé style.

Front end

The front grille, with a bigger Renault logo sitting proudly at the centre, is flanked by chrome brightwork and trim elements that give the New Arkana a touch of elegance and sophistication.

Below, the very expressive front bumper enhances the dynamic design while the skid plate gives the car a more robust look.

Lighting signature

The all-LED headlights feature the C-shaped lighting signature specific to Renault models and which exemplify the stylish and dynamic design of the New Arkana. The back of the car also displays the C-shaped lighting signature with a strip extending over the whole width of the tailgate, emphasising the taut yet stylish lines and distinctive look of the New Arkana.

Profile

The New Arkana's profile is one of its most striking features. The unique coupé-style SUV outline of the car is instantly recognisable, combining style with sturdiness and responsiveness. Planted on large 690-mm diameter wheels, the car measures 4,568 mm in length, 1,571 mm in height and has a 2,720-mm wheelbase. The car's overall size gives it a more flowing profile. The chrome aspects, such as the trim accentuating the windows, the side door protections and the front fender trim, serve to underline the car's stature.

Colours and wheels

The New Arkana will be launched in seven body colours: Opaque White, Pearl White, Metal Black, Metallic Grey, Zanzibar Blue, Fire Red and Valencia Orange (exclusive to the R.S. Line version). An optional black roof will further enhance the dynamic aspect of the car, and three types of 17- and 18-inch wheels will be available.

The New Renault ARKANA R.S. Line

An even bolder R.S. Line trim

The New Renault Arkana will be launched featuring a Renault Sport R.S. Line version that meets the expectations of customers looking for a vehicle that clearly stands out with a dynamic design.



The New Arkana is the third model in the Renault range (after Clio and New Mégane) to offer the new R.S. Line design trim which combines elegance with sportiness. It draws its inspiration from Renault Sport's DNA and the iconic New Mégane R.S. model. The car's even bolder design is further enhanced by the Orange Valencia colour unique to this version and the intense backdrop created by black-painted and dark metal parts that embellish the bodywork, including the Formula 1-inspired aerodynamic blade. The bumper features red inserts and Shadow-Tinted wheels that are unique

features of the range. An R.S. Line badge has been added to the wings trim while the rear sports a chromed dual exhaust outlet and a darker skid plate, specific to this R.S. Line version.

An optional Colour pack will further enhance the look of the New Arkana R.S. Line: its front and rear bumper and the lower protective door strip will be painted in the colour of the bodywork, with a black roof and glossy black spoiler.

The passenger compartment of the R.S. Line version features a special interior, with a carbon-finish dashboard and door lining, a red trim running along the top of the dashboard and a black roof. Stylish and sporty red topstitching embellishes the leather steering wheel as well as the mixed leather/suede-like finish upholstery and door panels, while a red strip accentuates the colour of the seat belts. Completing the package are an aluminium pedal unit, an e-shifter gear lever (with the E-TECH Hybrid engine) and R.S. Line badges.

The R.S. Line trim will be available on the New Arkana's E-TECH Hybrid engine as well as with the TCe 140 petrol engine and the future TCe 160 engine.

INTERIOR DESIGN

High-tech cockpit and unprecedented roominess

The New Arkana aims to accommodate all its passengers the best possible way with a high-tech interior and cockpit that improve quality, comfort, and uncompromising roominess for a coupé design.



Digital dashboard

The New Arkana has a digital dashboard, featuring a 4.2-, 7- or 10.2-inch coloured screen (depending on the versions), offering a personalised, intuitive driving experience. Complemented by the 7- or 9.3-inch centre screen, it has one of the largest display surfaces of its category.

Centre console

The centre console offers a large amount of storage space and features a smartphone wireless charging system and side storage, including a storage net on the passenger side. It also features an electric automatic parking brake with Auto hold option, available from the first trim level. High trim levels feature a large vertical 9.3-inch touch screen for a more cutting-edge passenger compartment (with a horizontal 7-inch screen at other trim levels).

Gear lever

The E-TECH Hybrid version of the New Arkana can offer the e-shifter gearbox (no mechanical transmission cable) found on the New Espace and Captur high-end versions.

Instrument panel

The stylish architecture of the instrument panel matches the New Arkana's exterior and boasts resolutely modern ergonomic features. The upper part is covered with a soft feel foam lining, and each trim level boasts its own exclusive lining strip.

Lining

From the first trim level upwards, door handles and air vents are embellished with chrome while the gear lever is made of leather. At the second trim level, the steering wheel comes in leather while chrome inserts are added to the dashboard and cup holder, and the upper part of the doors are covered with a foam lining.

Storage and connectivity

In addition to wireless charging, the New Renault Arkana also features four USB plugs (two at the front, two at the rear) for connecting electronic devices. The door pockets are each large enough to hold 1.5-litre bottles.

Comfort

Drivers can enjoy an elevated seating position for improved comfort and ergonomics. Back-seat passengers can enjoy a (removable) wide centre armrest and adjustable air vents on the centre console rear panel.

Sunroof

Certain versions of the New Renault Arkana can be fitted with a sunroof for a brighter passenger compartment.

Upholstery

Various versions of upholstery embellish the interior of the New Renault Arkana. The first trim level offers fabric upholstery while the seats of the upper trim level are covered with TEP and fabric (with leather as an option). The R.S. Line version features mixed leather/suede-like finish upholstery.

No compromise on space

The New Arkana offers unprecedented levels of roominess for a coupé model, especially at the back with 211 mm of knee room – the most in its category. The 305 mm foot space is also a benchmark in the market.

Generous boot

The New Renault Arkana has a generous loading capacity with a 513-litre boot (438 litres for the E-TECH Hybrid version). It also features a raised floor that can be placed at the bottom to increase the loading capacity or at the top to accommodate heavier luggage. In this configuration, the 2/3-1/3 passenger bench seat can be folded to obtain a flat floor.

ENGINES

Hybrid systems across the board

The New Arkana will come with a multi-hybrid range that is unique in its segment – the E-TECH Hybrid 140 hp engine and TCe 140 & TCe 160 engines with 12V micro-hybrid system.



E-TECH Hybrid, more versatility without charging

Following in the tyre-tracks of Clio, Captur and Mégane, Renault is using the same strategy for the New Arkana and integrating its innovative E-TECH hybrid technology. The full-hybrid engine can already be found in the Clio E-TECH Hybrid and ensures that the vehicle always starts in electric drive, offering greater pleasure in all driving conditions with crisp, immediate acceleration. The engine also has excellent energy efficiency, thanks to its innovative multi-mode gearbox, its powerful energy recovery braking system and its high-level automatic battery-charging system. E-TECH hybrid can

provide up to 80% of city driving time with all-electric power, reducing CO₂ emissions and fuel consumption by up to 40% over a combustion engine in urban driving. Drivers can use the MULTI-SENSE settings to select a specific driving mode: My Sense for daily driving, Eco for even lower fuel consumption and Sport to combine the power of the engines.

The New Arkana's E-TECH Hybrid engine is ideal for all types of journey and usage, ensuring optimum versatility. It is equally suited to drivers looking for an electric drive mode for better fuel efficiency as it is to high-mileage drivers who previously preferred diesel engines but are now looking for lower consumption while keeping the same driving habits.

The E-TECH Hybrid engine will be available across all New Arkana versions in 2021, including on the R.S. Line trim. Drivers will benefit from a dynamic and sophisticated design combined with a technology that guarantees fuel efficiency and optimum versatility.

Revolutionary hybrid technology

The ground-breaking E-TECH Hybrid engine is as relevant as it is original and exclusive and has been the subject of more than 150 patents. It is based on what is known as "series-parallel architecture" to ensure the widest range of combinations between the different engines and the best CO₂ gains when on the road. It comprises the latest 1.6-litre four-cylinder petrol combustion engine designed by the Alliance which has been adapted to hybrid technology and features a particulate filter to reduce polluting discharge, two electric engines – an e-engine and a high-voltage starter generator – and an innovative multi-mode clutch-less dogbox transmission. The ground-breaking combination of the electric engines and dogbox transmission optimises and smooths gear-shifting, and the architecture – which is the fruit of the Renault DP World F1 team's labours – provides greater energy efficiency.

Incorporating the energy management modes developed by the Renault F1 team of experts, the E-TECH Hybrid technology enables the vehicle to start in all-electric drive. As with an electric vehicle, the battery recharges itself during deceleration and braking and can also be charged through the combustion engine, by using the excess combustion energy that is not required to run the car when the engine is at optimal revs. This technology guarantees engine silence and driving comfort while reducing energy wastage.

TCe 140 and TCe 160: fuel-economy, driveability and comfort

The New Arkana will feature a 1.3-litre four-cylinder turbocharged direct injection TCe petrol engine at all trim levels that is fuel-efficient and powerful to provide real driving pleasure. Paired with an EDC dual-clutch automatic transmission, it will be available first as a 140 hp version, then as a 160 hp version. The New Arkana also has a unique all-new feature under the bonnet a 1.3-litre micro-hybrid

TCe engine with an added alternator-starter system paired with a 12V lithium-ion battery under the passenger seat.

This technology improves Stop & Start and enables energy regeneration during deceleration. It also assists the engine during the highest fuel-consumption phases, when the engine starts or accelerates. It reduces fuel consumption and CO2 emissions, and ensures smoother engine restart and greater driving comfort.

The 1.3-litre TCe 140 petrol engine has 260 Nm torque available from 1,600 rpm and offers the perfect combination of fuel-economy, driveability and driving comfort.

DRIVING AND SAFETY

A full set of driver-assistance systems for increased comfort and safety

The New Arkana features state-of-the-art driver-assistance systems for safer, stress-free driving, including Highway & Traffic Jam Companion. These Advanced Driver Assistance Systems come in three versions – Driving, Parking and Safety – and between them form the Renault EASY DRIVE label.



Driving

Highway & Traffic Jam Companion

Highway & Traffic Jam Companion combines adaptive cruise control (with Stop & Go) and lane centring assistance, which even works on curved roads up to a certain level. It controls car speed from 0 to 160 kph (99.4 mph) and maintains safe distances between vehicles while providing lane centring assistance. It is particularly useful in heavy traffic conditions and automatically stops and restarts the car after three seconds without any action by the driver.

Highway & Traffic Jam Companion offers level-two autonomy, significantly improving the comfort of drivers while keeping their hands on the wheel and eyes on the road.

Adaptive cruise control (with Stop & Go)

Cruise control comes as an adaptive standard or optional feature depending on the versions. It is available between 0 and 170 kph (106 mph) and automatically maintains a minimum safety distance with the vehicle in front. If the car is stuck in a traffic jam and needs to stop, the system safely stops the engine and restarts it after three seconds if traffic starts moving again. After three seconds, drivers are required to either press a button on the steering wheel or use the accelerator pedal.

Automatic switch between main- and dipped-beam headlights

Using the front camera, the system automatically switches from main- to dipped-beam headlights, based on the brightness of the light outside and the traffic to make night-time driving easier, even when there is little light outside.

Safety

Active emergency braking system

The active emergency braking system detects cyclists and pedestrians and optimises safety by warning drivers of any dangerous situations. It can also activate braking if the driver fails to react. It is always activated at day and night.

Blind spot warning

This device featuring a new radar sensor technology accurately detects any vehicle, to the side or behind, out of the driver's sight, in all weather conditions. Drivers are warned of a possible collision when changing lanes and if they are being overtaken by a speeding vehicle.

Traffic sign recognition with excess speed warning

This system uses the front camera to automatically inform drivers of existing speed limits and offers to adjust their speed.

Lane departure warning and lane guard system

This dual system is activated when driving from 70 kph (43 mph). It warns drivers before adjusting the course of the vehicle if it is about to unintentionally move out of the lane without indicating.

Parking

360-degree camera

An additional four cameras can be added to the reverse camera, offering a view from above the vehicle that provides a single image of all the obstacles around it. The 360-degree camera is simple to use and automatically activated when the car is reversing. The system displays two images: the front or rear view based on the selected speed and the choice between a 360-degree view or a zoom of the passenger-side camera.

Rear Cross Traffic

This driver-assistance system uses radar sensors to inform drivers of any vehicles arriving from behind when reversing out of a parking space.

Front, rear and side parking sensors

Drivers are guided by 12 ultrasound sensors during parking manoeuvres, warning them of any obstacles or objects.

Easy Park Assist

Easy Park Assist (for parallel, oblique or vertical parking) makes manoeuvring easier when entering or exiting a parking space. The sensors control steering while drivers control the pedals and transmission.

CONNECTIVITY AND CUSTOMISATION

A connected and customised driving experience

Connectivity at all times, additional services, system and mapping always up-to-date, customised settings... the New Arkana's onboard technologies provide an immersive driving experience.



Renault EASY LINK: an ergonomic multimedia system at the heart of a connected ecosystem

Thanks to the Renault EASY CONNECT ecosystem, the New Arkana is part of a connected universe of services accessible via the MY Renault app and the new Renault EASY LINK multimedia system. It features continuous 4G connectivity and additional services offered by partners such as Google (address finder) and TomTom (real-time traffic information and danger zones). From remote vehicle control to real-time traffic information, including door-to-door navigation with the destination information sent to the car, vehicle location and (coming soon) remote door control, all systems aim to offer a unique connected experience, both inside the vehicle and outside, via smartphone. The

Renault EASY LINK multimedia system and onboard mapping also offer automatic and regular updates thanks to “Over the Air” technology.

The Renault EASY LINK multimedia system is available in three configurations, all compatible with Android Auto and Apple CarPlay:

- with 7-inch screen;
- with 7-inch screen and in-vehicle sat nav;
- with 9.3-inch screen and in-vehicle sat nav.

The Renault EASY LINK multimedia system draws on the codes and uses of smartphones to create a practical, ergonomically designed interface. Users can create profiles and customise certain screens using widgets, enabling everyone to access their favourite features directly.

MULTI-SENSE: the personalised New Renault Arkana experience

Renault MULTI-SENSE technology gives drivers the opportunity to personalise their driving experience depending on their mood. Interacting with engine mapping, power-assisted steering, ambient lighting and the digital screen configuration (replacing the dials), MULTI-SENSE settings offer several vehicles in one, including three available modes:

- Eco, to reduce fuel consumption and CO2 emissions;
- Comfort, to feel relaxed and benefit from smoother steering;
- MySense (default mode), for an optimum personalised experience.

MULTI-SENSE settings can be easily accessed from the new Renault EASY LINK multimedia system’s interface or a special keypad on the centre screen. A single touch will open the MULTISENSE window and allow drivers to change their preferences, including eight ambient lighting options.

Depending on the selected mode, drivers can display a customisable widget on the dashboard screen, such as the consumption in Eco mode or power and torque potentiometers in Sport mode.

DIMENSIONS



TRUNK VOLUME (l)	
Trunk volume TCe / E-TECH	513 / 438

DIMENSIONS (mm)	
Overhall length	4568
Wheelbase	2720
Front overhang	878
Rear overhang	970
Overall width with folded mirrors / unfolded mirrors	1821 / 2034
Front track ground	1562
Rear track ground	1584
Overall height / with longitudinal roof bars	1571 / 1576
Open tailgate height	2155
Trunk sill height	767
Ground clearance	186
Knee radius in 2nd row	211
Front elbow room	1439
Rear elbow room	1453
Front shoulder width	1406
Rear shoulder width	1397
Front headroom	877
Rear headroom	862
Trunk entry maximum width	1077
Interior width between wheel arches	991

