



PRESS RELEASE

September 7, 2011

NEW RENAULT KOLEOS, A DYNAMIC CROSSOVER WHICH DELIVERS UNRIVALLED COMFORT



This year sees Renault Koleos return in style with a new version of the range's high-end crossover, which was originally launched in 2008. The newcomer will be introduced at this year's Frankfurt Show and will take over the model's conquest of some 40 markets from October 2011.

New Renault Koleos reasserts the dynamic personality of the original thanks to elegant, more expressive front-end styling, while its carefully-finished interior delivers the expected package of refined appointments and travelling comfort.

The model will be available with either the 2.5-litre petrol engine (TR 25) or the 2.0 dCi diesel (M9R), which itself comes in a choice of two power outputs: 110 or 127kW (150 or 175hp). The CO₂ emissions of the diesel powerplants have been reduced significantly and the 4x2 dCi 150 version emits just 148g/km.

New Renault Koleos, which can be specified with either 4x2 or 4x4 transmission, is a genuinely versatile vehicle. It is comfortable and nimble in and about town, yet it boasts real off-road ability and is ideal for escaping the crowd thanks to its all-wheel drive transmission which was developed within the framework of the Renault-Nissan Alliance.

Its extensive equipment specification includes all Renault's latest useful and intuitive technologies, including parking sensors, hands-free entry and ignition, joystick-operated Carminat TomTom Live navigation and Hill Start Assist. Depending on market, the catalogue features a choice of two or three equipment levels.

This D-segment vehicle boasts impeccable quality, too. Designed by Renault and manufactured at the Renault Samsung Motors plant in Busan, South Korea, it benefits from Renault's vast experience in the realms of both passive and active safety for a reassuring drive whatever the terrain.



CONTENTS

01

EVEN MORE ELEGANT AND DYNAMIC LOOKS

02

CO₂ EMISSIONS SAVINGS FOR A CROSSOVER, WHICH IS IN ITS ELEMENT ON ALL TYPES OF ROAD

03

OUTSTANDING COMFORT, USER-FRIENDLY MODULARITY, PLUS A RAFT OF USEFUL TECHNOLOGIES

04

HIGHEST STANDARD QUALITY

05

AN INTERNATIONAL CALLING AND AN IMAGE-BUILDING FLAGSHIP FOR THE BRAND

01

EVEN MORE ELEGANT AND DYNAMIC LOOKS

New Renault Koleos reasserts the dynamic personality of the original thanks to elegant, more expressive front-end styling, while its carefully-finished interior delivers the same refined package.



The front end of Koleos has been revised with a view to reasserting the model's forceful character and robustness. The air intakes positioned either side of the Renault logo on the previous version have made way for an elegant chrome grille, while the dynamism of the model has been reinforced by new, slimmer headlights. The more modern door mirrors now incorporate LED indicators.



The side view expresses the robustness associated with the world of 4x4 motoring thanks to cues like high ground clearance, prominent wheel arches and new, modern, sporty wheels.

The initial version's distinctive rear-end styling has been carried over, including the steeply-raked rear window which suggests forward movement and provides the model with a particularly original stance. New Renault Koleos will also be available in a new, modern dynamic body colour: Cayenne Orange.



Careful attention has been paid to the quality and finish of the cabin. The uncluttered saloon car-type driver's environment exudes high-end appeal and mirrors the sensation of elegance and robustness suggested by the car's exterior styling. The 0.75-square metre panoramic sunroof ensures an even more brightly lit cabin.

A selection of new upholsteries and trims enhance the original vehicle's refinement, while the dashboard and instrument lighting have evolved, too, with the introduction of a modern, more stylish instrument panel.



02

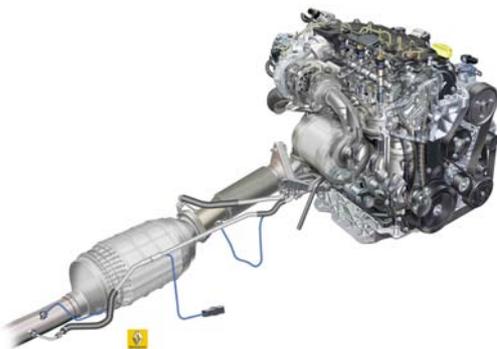
CO₂ EMISSIONS SAVINGS FOR A CROSSOVER WHICH IS IN ITS ELEMENT ON ALL TYPES OF ROAD

New Renault Koleos is available with either 4x2 or 4x4 transmission, and with either the 2.5-litre petrol engine or the 2.0 dCi diesel engine, which itself comes in a choice of two power outputs: 110 or 127kW. The CO₂ emissions of the diesel powerplants have been reduced significantly and the 4x2 dCi 150 version emits just 148g/km.

Renault's crossover is a genuinely versatile vehicle, too. In addition to being comfortable and nimble in and about town, it boasts real off-road ability thanks to its all-wheel drive transmission.

Depending on market, New Renault Koleos can be ordered with one of two engines, both of which deliver dynamic, high-quality performance under the bonnet of this crossover which measures 4.52m in length and 1.85m in width. The two engines are the 2.5-litre TR25 petrol powerplant (126kW/170hp) and the 2.0 dCi diesel (M9R). The latter comes in a choice of two power outputs: 110 or 127kW (150 or 175hp).

Work on the vehicle's aerodynamics, 2.0 dCi engine (now equipped with ESM deceleration/braking energy recovery) and gearbox has produced significant CO₂ emissions savings. The CO₂ emissions of the 4x2 version powered by the dCi 150 engine are just 148g/km, which is equivalent to combined-cycle fuel consumption of 5.7 litres/100km. Similarly, the emissions of the dCi 150 and 175 4x4 version have been reduced to 166g/km for NEDC combined-cycle fuel consumption of 6.4 litres/100km.



M9R ENGINE

The 2.0 dCi engine (1,995cc) features a range of advanced diesel technologies, including 1,600-bar common-rail fuel injection, piezoelectric injectors, advanced-geometry pistons and a variable-geometry turbo which all combine to make this one of the most efficient four-cylinder diesel engines in its class. The 2.0 dCi is equipped with two balancer shafts to combat vibrations for a high standard of acoustic performance similar to that of a petrol powerplant. It also comes with a periodic regeneration particulate filter which functions without additives. Particulates

trapped in the filter are burnt off every 300 to 1,200km, depending on how the vehicle is used. Meanwhile, for quick starts, the 2.0 dCi engine's sparkplugs minimize the time required for pre-heating.

The 150hp (110kW) delivers peak torque of 320Nm from as low as 2,000rpm. Mated to a six-speed manual gearbox (type ND), it provides drivers a particularly broad useful rev-band.

The 2.0 dCi 150hp can also drive through six-speed automatic transmission (type AJ8). Developed within the framework of the Renault-Nissan Alliance, this transmission ensures both flexible and responsive performance.

VERSATILE: AS AT HOME IN BUILT-UP AREAS AS IT IS WHEN USED OFF-ROAD

Thanks to its balanced proportions, New Renault Koleos is perfectly at home **in built-up areas**, while its precise power steering and stability ensure a reassuringly nimble drive. Despite its higher ground clearance, New Koleos handles more like a saloon car but benefits from the additional active safety of all-wheel drive. The MacPherson-type front suspension combines with the independent multilink rear arrangement to deliver a high standard of comfort and handling, with less body roll through corners. Renault Koleos is also available with two-wheel drive transmission to cater for customers who are drawn by its SUV looks but who have no need for 4x4 performance.



New Koleos boasts real off-road ability and is just as efficient **when used off the beaten track**. Ground clearance of 206 mm (diesel versions: 188 mm) and approach and departure angles of 27 and 31 degrees respectively are

evidence of its off-road credentials, while its all-wheel drive was developed within the framework of the Renault-Nissan Alliance.

Three 'drive' modes can be selected: Auto, LOCK or 2WD:

- **Auto mode**, front/rear torque split is automatically calculated as a function of available grip.
 - In normal conditions, torque is delivered to the front wheels only.
 - Should less grip become available, or in conditions where traction is difficult, some of the torque is diverted to the rear.
 - In extreme conditions, torque is shared equally between the front and rear wheels.
 - When pulling away from standstill, the system delivers engine torque to all four wheels.Torque-split is ensured by an electronic coupler which is controlled by the Nissan-developed 'All mode 4x4-i' system. The coupler's bespoke control unit uses data communicated by the engine control unit and by a variety of sensors (wheel speed, yaw, acceleration, steering wheel angle and accelerator pedal position).

- **LOCK mode**: the driver only has to flick a switch on the dashboard to **electronically lock the transmission in 4x4 mode** for travelling on roads where grip is at a premium (e.g. snow, mud or dirt). This mode directs 50 percent of torque to the rear wheels.

- **2WD mode**: the transmission can be locked in two-wheel drive mode if the driver wishes.



03

OUTSTANDING COMFORT, USER-FRIENDLY MODULARITY, PLUS A RAFT OF USEFUL TECHNOLOGIES

New Renault Koleos is as comfortable and practical as ever and is packed with high-end equipment. Its extensive equipment specification includes all Renault's latest useful and intuitive technologies for a particularly reassuring ride.

A ROOMY INTERIOR WHICH DRAWS ON THE EXPERIENCE OF THE MPV CONCEPT'S PIONEER

New Renault Koleos delivers segment-topping **cabin space** and **comfort** for a D-segment crossover, and its interior benefits extensively from the know-how of the brand which pioneered the MPV concept. Everything has been thought through to ensure that all five passengers travel in perfect comfort, including front headroom and kneeroom among the best the segment has to offer.

Meanwhile, the driver's environment places the accent on visibility thanks to crossover segment-leading head-up visibility (31 degrees) and forward field of vision (36.3 degrees), while the rearward horizontal angle of vision (27.5 degrees) figures among the best available in the segment.

The ideal driving position is easy to find thanks to the adjustable seat and the height- and reach-adjustable steering column, while the rake of rear seatbacks can also be altered.

Travelling comfort is further enhanced by the automatic dual-zone heating and climate control system which incorporates specific vents for the rear seats.

PRACTICAL AND MODULAR

New Renault Koleos boasts 70 litres of stowage all around the cabin. The dashboard includes a chilled, 15-litre glovebox, while the cubby in the centre console comes with a removable bin. Extra space at the front is provided thanks to a drawer beneath the front passenger seat, as well as two lidded five-litre cubbies set into the floor.

The rear part of the central armrest incorporates stowage space and can-holders, while the underfloor stowage space in the boot amounts to 28 litres. Rear passengers benefit from folding tables – complete with cup-holder – mounted on the front seat backs.



The **'clamshell'-type split-opening tailgate** facilitates access to the boot. The upper part of the hatch permits access to the rear in cramped spaces and allows items of more than one metre wide to be carried. When lowered, the bottom part of the tailgate enables heavy or bulky items to be loaded without getting dirty. It also serves as a robust, handy platform on which items of up to 200kg can be placed.

The **60/40-split rear benchseat** features Renault's **'easy estate'** system which enables it to be folded from the rear in a single operation to free up carrying capacity of 1,380dm³ (VDA) compared with 450dm³ with all five seats in the upright position. This space can be easily compartmented thanks to hooks which permit the retention net to be fixed in a choice of ways. In keeping with New Koleos' calling as a vehicle designed for outdoor leisure activities, its rear benchseat is equipped with a ski flap. Meanwhile, the back of the front passenger seat can be tipped forward to form a table or permit the transport of items of up to 2.60m in length.

COMFORT-ENHANCING TECHNOLOGIES

New Renault Koleos comes with a raft of driver-friendly high-end features and it takes owners no time at all to feel perfectly at home inside their vehicle. Use of the radio, navigation system and dual-zone climate control is perfectly intuitive, with controls that fall reassuringly and readily to hand.

Features include hands-free entry and ignition, an electronic parking brake, automatic headlight and windscreen-wiper activation, one-touch winker and cruise control with speed limiter.

New Renault Koleos (4x4 version) is also equipped with **Hill Start Assist**, which can be a useful asset for everyday motoring. The system prevents the vehicle from slipping back down slopes and is automatically activated on gradients of more than 10 percent.



For even safer off-road motoring, Renault Koleos (4x4 version) comes with **Hill Descent Control**. This function is activated via a switch on the centre console and automatically holds the vehicle's speed at a maximum of 7kph on gradients of 10 percent or more.

Depending on market, New Koleos is equipped with a joystick-operated, **in-dash Carminat TomTom Live connected navigation system**.



Renault Carminat TomTom® live

In keeping with its determination to bring its customers affordable innovations, Renault started working on an in-dash navigation system back in 1982. The first road tests using the Carminat system started in 1994 and Renault became the first car manufacturer to market a fully

integrated navigation system. In 2002, the system was enhanced with the introduction of dynamic route guidance and the recalculation of journey times, as a function of congestion, for example.

Since its launch in the spring of 2009, Carminat TomTom has continued to evolve and two new functions were added at the beginning of 2010: **IQ Routes®** (which proposes itineraries based on real-world traffic flow statistics based on the time of day and day of the week) and **Advanced Lane Guidance®** (which provides advanced views of junctions and lanes).

At the end of 2010, the launch of the LIVE version broke new ground in the realm of driver assistance with four optional innovative connected services:

- HD Traffic: the best real-time traffic information service.
- Safety alerts: real-time warnings of traffic incidents and dangerous or hazardous situations.
- Local Search with Google: capable of localising some 20 million points of interest.
- Five-day weather forecasts.

For even greater travelling comfort, New Koleos is available with **Bose® sound** thanks to a premium audio system engineered especially for the vehicle.

BOSE sound: Engineers from Renault and Bose® work together to create bespoke audio systems which match the specific acoustic properties of each model. To do this, they undertake a detailed analysis of everything inside the cabin in order to



provide every passenger with a balanced, hi-fi sound. The system is designed using a process known as the Clean Sheet Approach. Instead of adding components once the vehicle's basic design has been completed, analysis tools are used to take more than 1,000 readings inside the cabin with the intention of producing a global acoustic model. Even before the first car is built, Bose's engineers work with Renault's designers to determine the ideal position for each loudspeaker. As a result, the sound of each instrument and voice is pure and detailed, with a quality similar to that of a live performance.

04

HIGHEST STANDARD QUALITY

New Renault Koleos boasts an extremely high standard of quality which befits its D-segment status. The model is manufactured at the Renault Samsung Motors plant in Busan, South Korea, and benefits from Renault's extensive experience in the realms of both passive and active safety, for a reassuring drive whatever the terrain.

STANDARDISED MANUFACTURING PROCESSES

Renault stands out as one of the very best volume manufacturers when it comes to reliability. This position is the fruit of the global quality plan it introduced in 2003. Rigorous measures applied across the entire manufacturing process ensure an extremely high standard of quality.

Built in 1996, the Busan plant in South Korea is a modern facility which benefited from significant investment in 2007 ahead of the original version's production. The plant is ISO 9001- and ISO 14001-certified and applies the Renault-Nissan Alliance's best manufacturing practices as specified in the Renault Production Way.

CAREFUL ATTENTION TO FINISH AND ACOUSTIC COMFORT

Renault believes quality is a visual and audible experience, which is why the engineers who worked on New Koleos paid meticulous attention to the model's finish, including the use of superior hides and fabrics.

Care has also been taken to ensure that every journey in Koleos – from shopping and school runs to ventures off the beaten track – is an exceptional moment, with transmission noise filtered by a twin-mass flywheel damper and road noise minimised thanks to the employment of carefully selected soundproofing materials.

MAXIMUM SAFETY

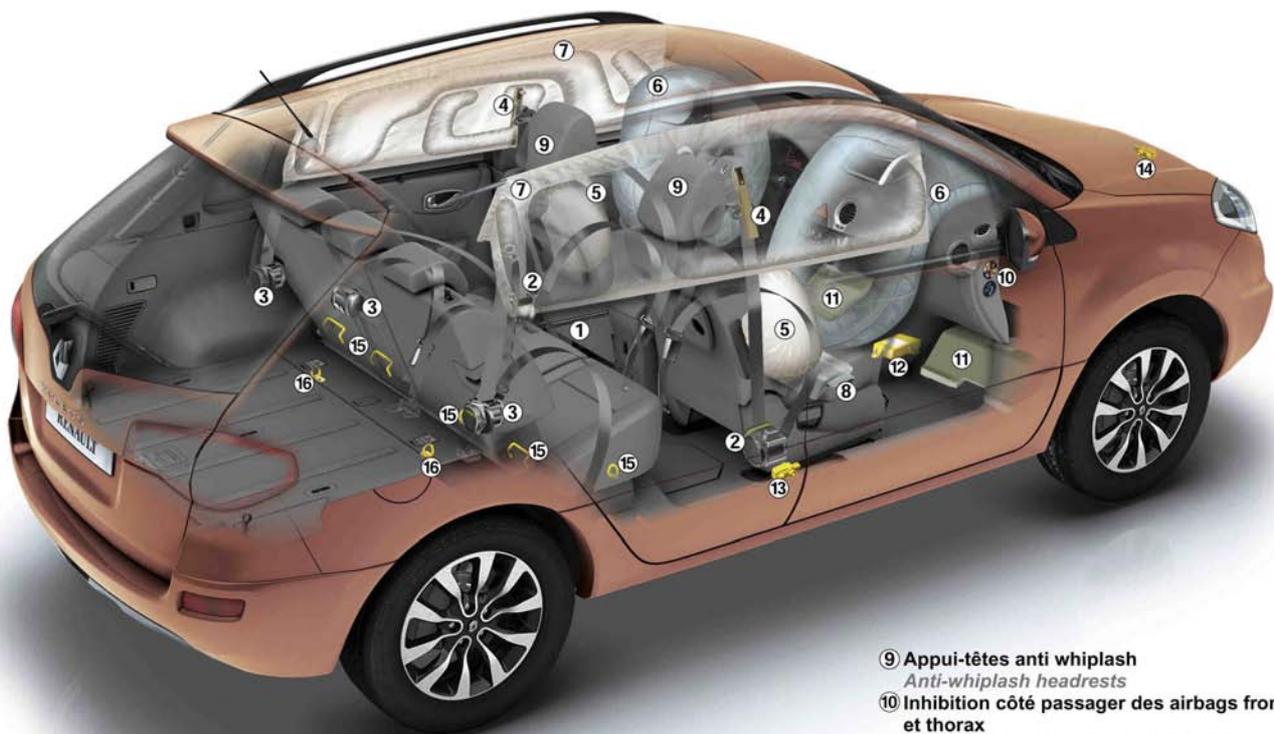
The active safety credentials of New Renault Koleos are founded on the model's chassis design and big brakes. The 320mm diameter front discs and 292mm rear discs bring Koleos to a standstill from 100kph in just 41 metres. In emergency situations, when taking avoidance action or when grip is lost, Renault Koleos drivers can count on ABS with electronic brakeforce distribution, emergency brake assist and ESC with understeer control. Even before the latter kicks in, the all-wheel drive transmission intervenes to adjust the front/rear torque-split as soon as the first signs of oversteer or understeer are detected.



For enhanced night-time vision, New Renault Koleos is available with bi-xenon headlights and fixed cornering lights. The latter illuminate the inside of corners, thereby permitting drivers to spot a possible hazard or obstacle sooner. This feature vastly improves the field of vision in risk situations (junctions, corners) and consequently enhances night-time safety and driving comfort. When the brakes are applied in an emergency, the hazard warning lights are activated automatically.

When it comes to passive safety, Renault Koleos benefits from the brand's years of extensive research into real-life accidents. The chassis has been engineered to incorporate programmed front and rear crumple zones, while the cabin's structure serves as a protective cell in the case of an accident.

Renault Koleos was awarded the maximum five-star EuroNCAP crash-test rating at the time of its launch in 2008. New Renault Koleos is equipped with a raft of occupant protection features, including six airbags, load limiters for the front and outer rear seat belts, front seat belt pretensioners and Isofix child seat anchorage for the outer rear seats. In case of an impact from behind, Renault Koleos' seats and head rests guarantee an extremely high level of protection against whiplash.



- ① **Prétensionneur de boucle ventrale**
Lap belt pretensioner
- ② **Enrouleur-prétensionneur-limiteur d'effort thorax**
Thorax pretensioner and load limiter
- ③ **Enrouleur-bloqueur limiteur d'effort thorax**
Rear thorax load limiter
- ④ **Réglage en hauteur des ceinture avant**
Seat belt height adjustment

- ⑤ **Airbags latéraux thorax avant**
Front thorax side airbags
- ⑥ **Airbags frontaux adaptatifs**
Adaptative front airbags
- ⑦ **Airbags rideaux**
Side curtain airbags
- ⑧ **Bosses anti-sous-marinage intégrées aux sièges**
Anti-submarining beam on seat frame

- ⑨ **Appui-têtes anti whiplash**
Anti-whiplash headrests
- ⑩ **Inhibition côté passager des airbags frontal et thorax**
Deactivation of front and thorax side passenger airbags
- ⑪ **Paddings de pieds**
Footwell padding
- ⑫ **Calculateur de chocs**
ECU
- ⑬ **Capteurs de choc latéral**
Side impact sensors
- ⑭ **Capteur de choc frontal**
Front impact sensor
- ⑮ **Attaches Isofix**
Isofix anchorage
- ⑯ **Crochets pour sièges enfants top-tether**
Child seat top tether anchorage



05

AN INTERNATIONAL CALLING AND AN IMAGE-BUILDING FLAGSHIP FOR THE BRAND

Renault Koleos returns in style in 2011 as it continues its bid to win over customers across the world. Marketed in almost 40 countries since 2008, Renault's crossover enjoyed a sharp increase in sales during the first half of the year and the introduction of the latest version sees it set its sights even higher.

Renault Koleos has a distinctly international calling and is marketed on five continents. It was the first vehicle to benefit from Alliance-wide input, since it was designed by Renault and features Nissan 4x4 technologies. This fruitful collaboration has helped it emerge as a spearhead of the brand's range in several markets, including China, Mexico and Colombia.

With sales totalling almost 120,000 cars since 2008, Renault's first crossover has carved out a strong place in what is a constantly expanding and fiercely competitive segment. Indeed, Koleos registrations worldwide increased by 51 percent in the first half of 2011 over the same period the previous year.

- **Outside of Europe**, Koleos has seen Renault carve out a real place in this growing, image-enhancing segment, especially in China – the car's number one market, where its sales totalled 15,000 in 2010 – and in Latin America, where sales amounted to almost 6,000 cars last year. In these two regions, Koleos accounted for more than 85 percent of the brand's sales of high-end vehicles.

In fact, around 65 percent of Renault Koleos sales were outside of Europe in 2010, and this figure is expected to grow with the introduction of New Koleos in India later this year.

- **In Europe**, where the strengths of the model are widely acclaimed, Koleos has more than defended its position. Sales increased significantly during the first half of 2011, with a 40 percent rise in Koleos registrations compared with the same period in 2010.

Renault Koleos sales worldwide:

Years	2008	2009	2010	1 st half 2011
Koleos sales	21,169	37,279	38,968	28,293 (+ 51% / 2010)
Total (2008 -2011)	125,709			

