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The new Renault Mégane: dynamic styling and a raft of technologies

"The new Mégane plays an integral part in Renault's design renewal strategy. Its dynamic lines project both sensuality and status, while its assertive proportions provide it with a well-planted stance on the road and its sculpted forms and strong shoulders hint at the brand's Latin roots. It features a distinctive lighting signature both front and rear, by day as well as by night, and its elegant interior exudes an unmistakable cockpit feel."

Laurens van den Acker - SVP, Corporate Design

Dynamic styling and a distinctive lighting signature

A solid stance and sculpted body forms

The new Mégane's dynamic stance is founded on **well-balanced proportions**. It is 64mm longer (4,359mm) and 25mm lower (1,447mm) than the third-generation Mégane. It has wider tracks (front: 1,591mm, +47mm/rear: 1,586mm, +39mm) and its wheelbase (2,669mm, +28mm) is longer than that of rival models, while the rear overhang has been shortened compared with the new car's predecessor. The range of available wheel sizes extends up to 18 inches.

The new Mégane features **Renault's frontal identity**, including a large, upright diamond logo and a broad grille, while quality chrome trim has been employed both at the front and along the sides (window surrounds, side badging and door handles).

Aerodynamics are a strong feature of the design, with air scoops either side at the front, deflectors at the rear and motorised flaps which automatically close to reduce aerodynamic drag.

Thanks to its strongly **sculpted shoulders**, the new Mégane radiates the **sensuality** embedded in the design genes of the Renault brand. **Taut and precisely defined lines** along the **lower part of the body** and **bonnet** align towards the front to enhance the **dynamic poise** of the car.

A distinctive lighting signature

Inspired by the Talisman which was unveiled in July, the new Renault Mégane features a **distinctive lighting signature** both front and rear, by day as well as by night, to further reinforce the brand's visual identity.

At the front, daytime running lights incorporate **LED technology** to provide a C-shaped signature that extends down to the bumper to assert the car's frontal identity. Higher-end versions of the new Mégane feature **full-LED lighting modules** providing both dipped and main beams. This **Pure Vision LED technology** delivers a significant improvement in night-time vision compared with halogen lighting systems.

The rear light units, also **all-LED**, feature tail lights that **are permanently illuminated**. This novel horizontal signature helps accentuate the car's width. Thanks to new Edge Light technology, it provides a **slender 3D brush stroke effect** that emits a deep, purple-hued red light.

Elegantly-appointed cockpit-style interior

The cockpit-style interior has the driver as its focus

Particular attention has been paid to **finish** and to the **quality of materials** in order to further upgrade travelling comfort aboard the new Mégane.

Asuite of high-tech features clustered around the driver picks up on the idea of the L-shaped cockpit. Traditionally reserved for vehicles in the next class up, a **full colour head-up display** makes its appearance in the new Mégane. In addition, the dashboard features a seven-inch colour **TFT (Thin Film Transistor) instrument display**, plus a **portrait-format 8.7-inch R-Link touchscreen** within easy reach on the centre console.

Special focus has been placed on the **quality and harmony** of the cabin environment. The **soft-touch material** selected for the dashboard **extends in a continuous sweep** to the top door cappings. It also extends from the lower edge of the dashboard to the centre console. High-end versions feature a full-grain nappa leather-trimmed **steering wheel**, plus elegant **chrome detailing** for the steering wheel itself, as well as for the instrument-, air vent-, console- and switch-surrounds.

The **centre console** is broad and tall and incorporates a fore/aft adjustable armrest. Higher-end versions focus attention on the console with two slender lines of glowing light, the hue of which can be personalised using the Multi-Sense technology.

Bose® audio systems ensure a high quality **sound environment** on-board the new Mégane. Engineers from Bose worked in close co-operation with their counterparts at Renault to optimise integration of the nine loudspeakers, subwoofer and digital amplifier. The system provides a precise, balanced, tailor-engineered sound that is crystal clear.

Enveloping, sculpted seats

Carefully **sculpted seats wrap around** occupants, with optimum comfort and support ensured by the use of dual density foam. The structure of the seats is shared with that of the new Espace and the Talisman.

Taking their inspiration from the worlds of interior furnishings and leather goods, the materials selected for the seats are **warm and modern**. Special attention has been paid to the finesse of the topstitching on the seats and door casings in comparison with the Mégane 3.

The new Mégane has a range of **five upholstery grades**, all in shades of black. High-end versions are available with a plush velours material developed in partnership with Alcantara®, giving a powerful lustre and an intense black 3D effect.

High-end versions come with **heated seats** and **electric lumbar adjustment**. The **driver seat** incorporates a **massage function**.

The new Mégane's **boot capacity** of 384dm³ VDA (434 litres) is the second biggest in the compact car sector and is complemented by interior stowage space totalling 25 litres. **Rear knee room** of 175mm marks a 20mm improvement over that of the Mégane 3, while **shoulder width** (1,441mm at the front, 1,390mm in the rear) is amongst the segment's best. The new Mégane consequently delivers the best of both worlds when it comes to rear passenger space and boot capacity.

The new Mégane GT: Renault Sport-inspired styling

The new Mégane GT features an all-new signature colour, namely **Iron Blue**.

From the outside, the design of the **front bumper** signals the step-up in sportiness that goes hand in hand with the Renault Sport DNA. It is complemented by a special design for the upper and lower grilles. The lower air intake is wider and flanked by air scoops, while use of the **Dark Metal** finish – in particular for the door mirror housings – confirms that the car belongs to the GT family. The optional **18-inch diamond-effect**, GT-badged wheels were specially developed by Renault Sport. At the rear, **two chrome-plated exhaust tailpipes** echo the style of the twin air scoops at the front to provide a sense of symmetry. These tailpipes flank a **diffuser** that takes its inspiration from the world of Formula 1. The new Mégane GT carries Renault Sport badging on the left-hand side at the rear, as well as on both front wings.

The interior is Renault Sport through and through. The wraparound seats with **integral headrests**, **blue topstitching** and a **chequered sports logo** are strong on comfort as well as lateral support. **Three different upholstery** choices are available: fabric, Alcantara® leather with blue stripes, and Alcantara® leather with black stripes. The bespoke **steering wheel** features optimised ergonomics, while the **sports pedal set** in aluminium and the combination of a **special gear lever** and **steering-wheel mounted gearshift paddles** are designed for sporty driving. The information delivered by the instrument pack and display screen is enhanced, too, most notably with the addition of a **'Race' mode**. **Hints of blue** within the cabin on flat surfaces and for the topstitching pick up on the Iron Blue exterior colour to reinforce the New Mégane GT's unique identity.

Technology drawn from the next segment up, plus a comprehensive selection of engines

High-tech driver environment amongst the segment's very best

The use of the **CMF (Common Module Family) C/D modular architecture** permits the new Mégane to offer a range of features more usually associated with the next segment up and drawn from the new Espace and Talisman. They include a colour head-up display, a seven-inch colour TFT (Thin Film Transistor) instrument display, two versions of the R-Link 2 tablet (seven-inch landscape format or 8.7-inch portrait format screen), Multi-Sense technology and 4Control. This comprehensive suite of technologies is unique in the segment.

A colour head-up display drawn from the next segment up

The retractable colour head-up display boosts **safety** and enhances **driver comfort** by making it **clear and easy to use the driving aids**. Drivers can take in the most important information for stress-free motoring – speed, navigation instructions and driving aids (ADAS) – without having to take their eyes off the road.

The new Mégane incorporates the **very latest driving aid technologies** that were recently revealed on-board the new Espace and the Talisman. The full suite of ADAS functions is activated and controlled using the R-Link 2 tablet:

- **Improved safety:** speed control through ACC (adaptive cruise control), and automated emergency braking (AEBS).
- **Warnings:** Lane departure warning (LDW), safe distance warning (DW), overspeed warning linked to traffic sign recognition (TSR) and blindspot monitoring (BSW).
- **Reduced stress:** reversing camera, automatic switching between main and dipped headlight beams (AHLB), front, rear and side parking aids, and Easy Park Assist for hands-free parking.

The segment's first car to come with a portrait-format 8.7-inch tablet screen

Higher-specification models in the new Mégane range feature R-Link 2 complete with an **8.7-inch portrait-format display**, identical to the screen seen on the new Espace and the Talisman. Uniquely in this segment, this screen employs **capacitive technology** for easier use, much like that of a smartphone or tablet computer.

R-Link 2 includes voice recognition for simpler and safer operation of functions such as navigation, telephone, apps and radio. Its three customisable homepages allow swift access to the most frequently used functions. A connectivity package including a 12-month subscription to TomTom Traffic (depending on market) and access to the R-Link Store expands the scope of this multimedia tablet.

Dashboard with seven-inch colour TFT screen instrument module

The content of the seven-inch full-colour TFT (Thin Film Transistor) display can be customised, depending on the selected driving mode. The dashboard displays fundamental data like speed, as well as numerous other information streams relating to navigation or driving aids.

Innovative Multi-Sense technology

Already available for the new Espace and the Talisman, Multi-Sense is a technology that allows users to **personalise** their **driving experience**. It does this by modifying accelerator pedal and engine response, adjusting the speed of the gearshifts performed by the EDC automatic transmission and controlling the massage function of the seats and the cabin lighting environment.

The Multi-Sense button on the centre console provides instant access to these functions.

The system offers a choice of five different driving modes, namely 'Sport', 'Normal', 'Comfort', 'Perso' and 'Eco'. On the GT version, the latter is replaced by an 'R.S. Drive' mode.

Five different interior lighting ambiances are available: red, green, blue, purple and brown. The lighting ambiance covers the centre console, as well as the front and rear doors of high-end versions. The colour is linked with the display colour on the TFT screen and the portrait-format multimedia display.

4Control for the new Mégane GT: a segment first

The new Mégane GT is the first vehicle in its segment to feature 4Control technology, specially calibrated by engineers from Renault Sport.

The 4Control chassis is a **Renault innovation** that controls the alignment of the rear wheels, providing **exceptional driving enjoyment and combining sporting responsiveness with safety**.

On twisty roads, 4Control ensures **precise, dynamic handling**, as well as **stability** at higher speeds. In emergency situations, the four-wheel steering system provides reassuring, lightning-fast responses. The car becomes smoother, more precise and more relaxing to drive, and there's genuine enjoyment at the wheel whatever the preferences of the driver. The system also improves **manoeuvrability** at slower speeds or when parking.

Rounding up the new Mégane's chassis package is a special set of calibrations (for dampers, springs, ESP, brakes, etc.) that maintains the same high levels of **comfort** and **versatility**.

Meanwhile, the new Mégane GT employs new technologies specially developed by Renault Sport, namely **Multi Change Down**, which enables rapid downshifting, and **Launch Control** for a much more efficient getaway from a standing start.

"At Renault Sport we poured all our know-how into ensuring the new Mégane GT would be both comfortable and a joy to drive. The 4Control four-wheel steering system combines with a suspension system specially tuned by Renault Sport engineers to deliver a unique experience on all types of road. With its 205hp engine, seven-speed EDC gearbox operated via steering wheel-mounted shift paddles, unique exterior styling and its sports-focused interior, the new Mégane GT is the perfect solution for buyers looking for performance, excitement and enjoyment at the wheel!"

Patrice RATTI, Managing Director, Renault Sport Technologies

A broad range of engines, stretching to 205 horsepower

Available from launch under the bonnet of the new Mégane GT will be the **Energy TCe 205** petrol engine, mated to seven-speed EDC dual clutch automatic transmission. The **Diesel Energy dCi 165** engine, linked to six-speed EDC dual clutch automatic transmission, will complete the GT line-up in the course of 2016.

The core of the range will feature the **Energy dCi 110 Diesel engine, combined with a six-speed manual gearbox. This version emits just 86g of CO₂ per kilometre** (3.3 litres/100km) and is **ECO2-listed**. Since June 30, 2015, Renault has been using the ECO2 label to highlight the most economical engine in each model range.

The launch engine line-up is rounded out by the following units:

- Diesel: Energy dCi 90, Energy dCi 110 mated to six-speed EDC dual clutch automatic transmission and Energy dCi 130.
- Petrol: Energy TCe 100; Energy TCe 130 and Energy TCe 130 with seven-speed EDC dual clutch automatic transmission.

A **'Hybrid Assist' Diesel** will be added early in 2017. With a targeted **NEDC cycle figure below the 3 litres/100km threshold and CO₂ emissions of 76g/km²**, this power unit will position the new Mégane as the market leader in terms of low fuel consumption and CO₂ emissions. The system achieves this by capturing energy under deceleration and braking, and then boosting acceleration under certain conditions, especially at low engine speeds, to combine driving pleasure with extreme economy.

² Subject to official homologation.