

# Press kit

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## Renault offers a unique high-end range enriched by new engines

To meet customer requirements, Groupe Renault offers a **unique high-end range** covering all market segments with Espace crossover, Koleos SUV, Talisman sedan and estate. These models boast enriched features at all levels:

- Elegant, athletic and ever more assertive design
- Comfort and technologies in constant evolution
- Enhanced driving pleasure, with different offers: MULTI-SENSE with 4CONTROL system with four-wheel steering on Talisman and Espace ; 4WD and 2WD for Koleos.

Groupe Renault is introducing a **new generation of petrol and diesel engines** on Talisman - sedan and estate - and Espace. More powerful and enjoyable to drive, these new engines are equipped with emission control technologies and comply with the latest European anti-pollution standards (Euro6):

- The new TCe 225 EDC GPF petrol engine is fitted with particulate filter (GPF) pollution control technology.
- The new Blue dCi 160 EDC and 200 EDC diesel engine is equipped with the selective catalytic reduction (SCR) technology.

*"Listening closely to customers at all times, we upgrade our vehicles to better meet their requirements. With their unanimously applauded design, Espace, Koleos and Talisman offer comfort, refinement and meticulous detail. We are proud to present today the new Blue dCi and TCe GPF engines. Combined with the 4CONTROL four-wheel steering chassis, they provide top-flight driving pleasure together with controlled fuel consumption."*

**Guillaume Berthier – Global Marketing Manager D/E Range**

# Contents

## 01

### A unique and enriched high-end range

03

Elegant, athletic and ever more assertive design

Comfort and technologies in constant evolution

Enhanced driving pleasure

## 02

### New optimized engines

05

New TCe 225 EDC GPF petrol engine

New Blue dCi 160 EDC and 200 EDC diesel engine



# 01

## A unique and enriched high-end range

With Espace, Koleos, Talisman sedan and estate, Groupe Renault today offers a high-end range meeting all market expectations.

### Elegant, athletic and ever more assertive design



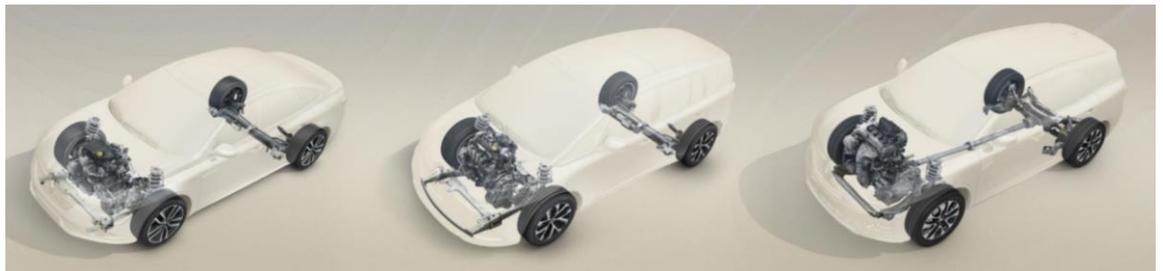
- **Elegant body styling to respond to the number-one reason for buying a high-end model**
  - Resolutely assertive styling
    - ✓ Renault's high-end range is now identifiable through its prominent logo featuring proudly on a wide grille.
    - ✓ This kinship is also to be seen in the models' muscular shoulders and meticulously worked proportions, with reduced overhang.
    - ✓ Like Koleos, Espace has now shark antenna which brings extra style and also audio quality improvement.
  - Full-LED light signature
    - ✓ At the front, the C-shaped light signature juts out from the light unit to produce an even more powerful gaze.
    - ✓ Strength and elegance are enhanced by the location of the LEDs, the choice of large-diameter wheel rims, and the high, sculpted flanks combined with reduced glazed areas on the side.
    - ✓ The harmonious styling continues in the design of the front and rear lights with a characteristic full-LED double light signature.
    - ✓ Front LED fog lamps on Talisman, sedan and estate, and Koleos.
  - Design news launched
    - ✓ Espace is now available in Cosmos Blue and with 20" Kubera alloy wheels.
    - ✓ Talisman S-Edition offers new 19" Alizarine quartz alloy wheels. This limited edition is available in sedan and estate version.
- **Meticulous interior design with top-quality finish**
  - The sporty nature of Talisman S-Edition is underscored through exclusive trim.
    - ✓ Upholstery and dashboard in black leather with red top-stitching; echoed on the steering wheel, gearstick bellows and door panels; special protective mats with gray and red S-Edition stitching, aluminum pedals, and elegant aluminum-style touches.
    - ✓ The black ceiling confers an extra high-end sporty note.
- **Perceived quality in evolution**
  - Top-stitched leather finish, gloss chrome inserts and meticulous door-panel upholstery.
  - Foamed materials have been added on lower dashboard panels on Talisman sedan and estate.

## Comfort and technologies in constant evolution



- **Technological evolution on all the range**
  - Thanks to Apple CarPlay™ and Google Android Auto™, customer can now access selected smartphone apps from R-LINK2 on the 8.7" screen compatible with driving conditions: telephony, messages, navigation and music.
  - Real-time traffic and road information with the WAZE app is now available.
  - Through MY Renault app, customers can now manage their connected navigation, remote display and Renault services from their smartphone.
  - Bose® Surround System sound on the three models, enveloping the driver and passengers in a rich and well-balanced sound wherever they are seated.
  - All radios are equipped to receive digital audio broadcasting (DAB) in standard.
- **Driver assistance systems: technological solutions providing greater safety, alerting drivers and simplifying driving.**
  - As for Espace and Talisman sedan and estate, Koleos is now available with adaptive cruise control which adjust speed and maintain a preselected distance with the vehicle ahead.
  - Since September 2018, Koleos has now the Ustable Trajectory Alert (UTA) and the Active Emergency Braking System (AEBS) with a pedestrian detection function.
  - The hand-free electric trunk has also been added to Espace as for Koleos and Talisman.

## Enhanced driving pleasure



- **Driving precision and agility with the 4CONTROL system (with four-wheel steering) launched on Talisman and Espace, combined with electronically controlled damping and the MULTI-SENSE system.**
  - Active at all times, the 4CONTROL chassis manages the turning direction of the rear wheels: up to 50 km/h\* in the opposite direction to the front wheels for a tighter turning circle and extra agility; above 50 km/h in the same direction as the front wheels for driving precision and optimal safety.
  - The electronically controlled damping system works on the vertical aspect of driving, continuously adapting (up to 100 times a second) the shock absorbers according to several parameters, including road surface, driving conditions and steering-wheel input.
  - Boosting driving pleasure and the in-car experience, these technologies are managed by the MULTI-SENSE system easily accessed via the R-LINK 2 screen. Renault gives you the power to choose the behavior of your vehicle depending on your mood. From the most dynamic to the most relaxing, four preprogrammed modes are available – Eco, Comfort, Neutral, Sport – together with a fully customizable mode, Perso.

- **X-Tronic All Mode 4x4-i gearbox on Koleos: for a fluid and responsive drive with no interruption in torque.**
  - The All Mode 4x4-i technology on Koleos has already earned its stars on millions of Renault-Nissan Alliance vehicles sold around the world. The four-wheel-drive transmission constantly monitors grip between the wheels and road surface to ensure ideal grip in all circumstances.
  - Koleos is still equipped with a control allowing drivers to select their transmission mode.
  - Adapting continuously to the optimal engine speed, X-Tronic can also simulate gear shifts for more dynamic pick-up. The four-wheel-drive versions of Renault Koleos are equipped with the new All Mode 4x4-i technology.

# 02

## New optimized engines

Groupe Renault is introducing a new generation of higher-performance petrol and diesel engines on Talisman and Espace for even more driving pleasure. Boasting more power, the new engines are part of the *Drive the Future* strategic plan. They are fitted with the latest technology to reduce pollutant emissions, notably **the new TCe 225 EDC GPF petrol engine and the new Blue dCi 160 EDC and 200 EDC diesel.**

### New TCe 225 EDC GPF petrol engine



- **The spearhead of Groupe Renault's petrol engine strategy**
  - The renewal of petrol engines through two families.
  - The new TCe 225 EDC GPF petrol engine produced at Busan (South Korea) is available on Espace and Talisman.
  - It is the first to feature particulate filter (GPF) technology with optimized fuel consumption. It meets the core expectations of European markets.
  - The new generation of engines allies drivability with lower CO<sub>2</sub> emissions and lower fuel consumption.
  
- **TCe 225 EDC PF: for an involving drive**
  - Renault is launching the new TCe 225 EDC GPF petrol engine, focused on performance and driving pleasure.
  - It boasts enhanced performance. The new engine's direct injection and powerful torque provide a singular at-the-wheel experience.
  - Driving sensations are further enhanced by the dual-clutch EDC automatic gearbox, for top-notch responsiveness and sharp pick-up.
  
- **A concentrate of technologies, with the GPF**
  - 4-cylinder turbocharged direct-injection engine from the component bank shared by the Renault-Nissan Mitsubishi.

- Developed by Renault & Renault Sport engineers, the 1.8 l engine includes a wide range of technologies to optimize efficiency and deliver the same level of performance as a 2.0 l engine, including a **dual-scroll turbocharger and 3-position variable valve timing function**.
- **Delivering output of between 225 hp and 300 hp**, it equips high-end Renault vehicles and the Group's sport models: Espace, Talisman, Alpine A110, Mégane R.S. and Mégane R.S. Trophy.
- To comply with new latest pollution control standards, the engine is also fitted with a **particulate filter**.

## New Blue dCi 160 EDC and 200 EDC diesel engine



- **The spearhead of Groupe Renault's diesel engine strategy**
  - Groupe Renault launched three new diesel engines in September 2018, going under the Blue dCi name, two of which on high-end models: Blue dCi 120 (manual gearbox) and 150 (manual gearbox) and Blue dCi 160 EDC and 200 EDC.
  - Blue dCi engines are equipped with selective catalytic reduction (SCR) pollution control technology with AdBlue®, built in to the exhaust side of the engine.
  - The new engines offer more power (increase of between 5 hp and 40 hp), more torque (increase of between 10 and 20 Nm) and controlled fuel consumption.
  - Available on Espace and Talisman by the end of 2018, the Blue dCi 160 EDC and 200 EDC engine is manufactured at Renault's Cléon plant in Normandy, France.
- **Blue dCi 160 EDC and 200 EDC: the promise of power**
  - The new Blue dCi is a high-performance engine with power of 200 hp. Torque of 400 Nm delivers potent acceleration. Mated to the dual-clutch EDC automatic gearbox, the engine is agile and responsive across all engine speeds.
  - The Blue dCi 160 EDC engine provides true comfort and an extra dose of everyday driving pleasure. Mated to the dual-clutch EDC automatic gearbox, the new-generation diesel engine is dynamic and supple and offers excellent driving pleasure with 360 Nm of torque.
- **A concentrate of technologies, with the SCR**
  - The new engine is packed with technology, delivering **a significant gain in power (40 hp more than the 200 hp version), torque (+20 Nm, for a total 400 Nm)** and drivability, together with controlled fuel consumption and CO<sub>2</sub> emissions.
  - **SCR pollution control technology** reduces emissions of nitrogen oxide (NO<sub>x</sub>).
  - Using a urea-based solution (AdBlue®), SCR turns pollutant NO<sub>x</sub> emissions into nitrogen and water. The treatment of emissions has been further improved by locating the SCR system closer to the engine than with previous technologies, as the efficiency of the system depends on the temperature of the exhaust gases (easier pollution control of hot gases in cold engine conditions).

- AdBlue® is available at most service stations. The AdBlue® tank is easy to access. A full tank of AdBlue® lasts around 5,000 / 7,000 km. The vehicle regularly informs users of the need to fill up on AdBlue®.
- **Performance-boosting technologies**
  - The Water CAC (compressed air cooler) improves the regulation of the temperature of the intake gases through water cooling, which in turn improves performance and helps to control fuel consumption and CO<sub>2</sub> emissions. It is built in to the engine intake manifold.
  - The electrical actuator of the variable nozzle turbine boosts performance from low to high engine speeds.
  - Injectors have been increased to 8 holes and fuel injection pressure by 700 bar to 2,500 bar to further reduce emissions and enhance performance.
  - In another innovation, the special “diamond-like carbon” coating on the rockers reduces friction with the valves, and on pistons pins serving to control fuel consumption and CO<sub>2</sub> emissions.