

Page 1 of 20

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#### Contents

# **ŠKODA OCTAVIA RS** and **ŠKODA OCTAVIA COMBI RS**

New features at a glance	2
Short version	3
Long version	9
Design	9
Engines, drive, chassis	11
Driver assistance systems	13
Infotainment and ŠKODA Connect	16
Simply Clever	19



Page 2 of 20

# **ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS: New features at a glance**

As part of the extensive revisions to its globally most successful model range, ŠKODA has also given its top-of-the-range sportsters, the ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS, a new design and implemented numerous new technological systems. Here is a list of the most important new features and data at a glance.

- > **DESIGN:** completely new front section with wider grille and additional LED headlights; LED fog lights; modified rear with LED lights; revised, high-quality interior with RS sports seats, redesigned instrument cluster, new LED ambient lighting and a sporty touch
- DRIVE: two high-performance, four-cylinder turbo engines; the power delivered by the petrol engine has increased by 7 kW (10 PS) to 169 kW (230 PS) and it achieves a top speed of 250 km/h; the diesel remains unchanged delivering 135 (184 PS); front-wheel drive, all-wheel drive as an option for the 2.0 TDI
- > GEARBOXES: 6-speed manual gearbox, 6-speed DSG transmission
- CHASSIS: sports chassis has been lowered by 15 mm; 17-inch alloy wheels, 18-inch alloys as an option; XDS+ electronic differential lock; adaptive Dynamic Chassis Control (DCC); Performance Mode Select
- DRIVER ASSISTANCE SYSTEMS: Front Assist with Predictive Pedestrian Protection; Blind Spot Detect; Rear Traffic Alert; Trailer Assist; Manoeuvre Assist
- > **INFOTAINMENT:** capacitive touch displays; Columbus navigation system featuring a 9.2-inch screen, Wi-Fi hotspot, LTE module, and SmartLink+ (Apple CarPlay, Android Auto, MirrorLink<sup>TM</sup>)
- > ŠKODA CONNECT: Infotainment Online services such as Online Traffic Information, Google Earth™, and Online Map Update; Care Connect services such as Emergency Call, and remote services for smartphones
- > SIMPLY CLEVER: bottle holders for one-handed opening of PET bottles; removable LED torch in the boot (only in the Combi); optional personalisable key for saving individual settings; heated steering wheel; two USB ports in the rear; folding tray tables on the backs of the front seats



Page 3 of 20

**Short version** 

# **ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS:** sportsters with plenty of space for the entire family

- > Exterior design with a sporty look, full-LED headlights, and RS-specific features
- High-quality interior with sports seats, generous equipment, and many 'Simply Clever' features
- > Power output of the 2.0 TSI increased to 169 kW (230 PS), 2.0 TDI also available with allwheel drive
- > Sports chassis and red brake callipers as standard, wheels up to a diameter of 19 inches
- New technologies for infotainment, connectivity and driver assistance systems from higher segments

Mladá Boleslav / Pachfurth, 10 April 2017 – The extensively revised and upgraded top-of-therange ŠKODA OCTAVIA models are presented: the ŠKODA OCTAVIA RS and the ŠKODA OCTAVIA COMBI RS. Their dynamic character is noticeable at first glance. A new front section, modified rear and a high-quality interior with black sports seats are the most striking features. Combined with all of the model range's strengths – a unique package, an above-average amount of interior space, a level of equipment from the mid-size car segment, high-quality workmanship, and exceptional value for money. For both body variants there is a choice of two high-performance, four-cylinder engines. Whilst the 2.0 TDI diesel continues to produce 135 kW (184 PS), the power output of the 2.0 TSI petrol has increased by 7 kW (10 PS) to 169 kW (230 PS). New technologies for infotainment, connectivity and driver assistance systems emphasise the compact sports cars' exceptional status in their segment.

#### Sporty exterior design

The ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS are the sporty, top-end models in the extensively revised ŠKODA OCTAVIA family. As both a hatchback and an estate they embody strong emotiveness and dynamics. The ŠKODA OCTAVIA RS models present themselves in the globally successful model range's new, streamlined look and create the impression of dynamism even when stationary.

The new front section with wider radiator grille comes across as masculine and sporty. The grille is enhanced by additional full-LED headlights with Adaptive Frontlight System (AFS) in the characteristic crystalline look. They create individually configured light beams for country roads, motorways, urban traffic and rain. Using the front camera, Light Assist recognises oncoming vehicles or illuminated urban streets, and – if necessary – turns the high beam on or off automatically. A lighting unit for indicators and daytime running lights runs along the bottom edge of the headlights. Fine, longitudinal lighting units run through the surfaces containing the headlights.

The fog lights also feature LED technology, can be combined with the cornering function as an option and sit in the wide lower air intake. The chrome-framed radiator grille is available in black as an option. The outer headlights produce the dipped beam. The inner headlights, tapered towards the grille, produce the high beam.



Page 4 of 20

Placing radiator grille and lighting units immediately next to each other creates a graphic entity which gives all of the ŠKODA OCTAVIA models a high recognition value. Powerful contours enclose the outer air inlets, whose lower sections are filled with inserts featuring a honeycomb lattice design. With its raked appearance and high level of precision, the new design of the front section with its horizontal orientation is inspired by the motifs of Bohemian crystal glass art.

The new headlights with the contrasting dipped beam units, are just one design feature which makes the front section appear wider and more sculptural. Even the bumpers are designed with a particularly bold horizontal line. The bonnet and wings have a clear and striking design, the brand logo is even more prominent.

The wing mirrors and door handles of the ŠKODA OCTAVIA RS and the ŠKODA OCTAVIA COMBI RS have the same colour finish as the body. For the sporty top-of-the-range model a choice of eleven colours is available, including the special colours 'Steel Grey' and 'Rally Green'. In addition, customers can also opt for the 'Black Design' style pack.

The precise, sharply cut lines shaping the design of the comprehensively revised ŠKODA OCTAVIA RS models continue along the sides and on the rear, and create an intensive interplay of light and shade on the surfaces.

On the tailgate, the spoiler lip (hatchback) or the roof spoiler (Combi) create design accents. With its new shape, the rear bumper appears powerful and neat thanks to subtle contours. A red reflective strip caps off the diffuser inset; the large tailpipes of the exhaust system are made from stainless steel. The rear lights are embedded in the body like jewels. The tail lights and the number plate illumination feature LED technology. The C-shaped rear lights now appear as a homogeneous lighting surface, a break separating the lines in the upper corner makes the design even more striking. Contours in the lights improve the flow separation, which enhances the vehicle's aerodynamics.

#### RS abbreviation on the back

The rear of the ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS sports the RS logo. The abbreviation was first used in motorsport in 1974 and was introduced to the ŠKODA model range in 2000. Since then, the sporty top-of-the-range models have proven to be a great success and continue to increase in popularity. The Czech car manufacturer has sold around 200,000 RS models to date – a whopping 100,000 of which are from the third generation of the ŠKODA OCTAVIA, which was launched in 2013.

#### Black dominates the generously equipped interior

In terms of interior space, the ŠKODA OCTAVIA RS and the ŠKODA OCTAVIA COMBI RS set benchmarks for the competition. Thanks to a wheelbase of 2,680 mm, the engineers have created an exceptionally generous interior, which measures 1,782 mm in length. Legroom for the rear passengers measures 73 mm – values, which are normally only achieved in the mid-size car segment. The boot is also bigger-than-average. In the hatchback, it measures in at 590 I, with the rear seats folded down it is 1,580 I. The values for the estate: 610 I and 1,740 I respectively.

The interior of the ŠKODA OCTAVIA RS models comes across as clear, calm and focused on the essentials. Its design continues the exterior lines, the impression of generous width is further



Page 5 of 20

emphasised by the horizontal orientation. The surfaces and shapes are geometrically clear and taut. The round instruments are large and easy to read, and thanks to a new design, are even crisper.

The interior of the upgraded ŠKODA OCTAVIA RS models comes in a sporty, elegant black design; it impresses with its generous equipment, high-quality materials, precision and perfection right down to the smallest detail. The door trims are equipped with new LED ambient lighting. Slim lighting units at the upper end of the trim strips produce a discreet light which can be set to one of ten different colours. The RS sports seats have high side supports and integrated headrests – electric adjustment is available as an option.

#### Drive, chassis, steering, and sound - sport is coming up trumps

There is a choice of two high-performance, four-cylinder turbo engines for the intensively revised ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS – one petrol and one diesel.

The power delivered by the 2.0 TSI has increased by 7 kW (10 PS) to 169 kW (230 PS). Maximum torque of 350 Nm is achieved between 1,500 and 4,600 rpm. The hatchback with a manual gearbox darts from 0 to 100 km/h in 6.7 seconds and reaches a top speed that is electronically limited to 250 km/h. The 2.0 TSI is optionally available with a 6-speed manual transmission or a 6-speed dual-clutch transmission.

Like its predecessor, the 2.0 TDI delivers 135 kW (184 PS). From as little as 1,750 rpm, it produces 380 Nm of torque – enough to sprint from 0 to 100 km/h in 7.9 seconds and reach a top speed of 232 km/h. Nevertheless, the diesel only consumes 4.5 litres of fuel per 100 km on average (corresponding to 119 grams of  $CO_2/km$  – all figures given for hatchback with a manual gearbox). The 2.0 TDI is also optionally available with a 6-speed manual transmission or a 6-speed dual-clutch transmission. The 2.0 TDI also comes as an all-wheel-drive version with a 6-speed DSG transmission.

Compared to the conventional sister models, the sports chassis lowers the RS variant's body by 15 mm. Large brakes ensure reliable deceleration. Red brake callipers behind the standard 17-inch 'Dorado' wheels point to the sporty design. As an option, the alloy wheels are available in 18- and 19-inch formats.

The ŠKODA OCTAVIA RS models are equipped with a four-link rear axle whose track, in comparison to the model before the intensive revision, has been widened by 30 mm to 1,544 mm. A MacPherson design is used for the front axle.

Progressive steering and the Electronic Stability Control (ESC) with XDS+ electronic differential lock are further components. One highlight of the chassis in the comprehensively revised ŠKODA OCTAVIA RS models is the adaptive Dynamic Chassis Control (DCC). Electrically operated valves adjust the dampers' settings depending on the preference of the driver, who can choose one of three modes – Comfort, Normal and Sport. In addition, DCC also contributes to active safety by automatically switching to Sport mode in dangerous situations. In doing so, it ensures greater stability, better traction and shorter braking distances.

Performance Mode Select with Performance Sound Generator (optional) allows the driver to



Page 6 of 20

change the steering characteristics, the operation of the dual-clutch transmission and the settings for other systems in the Normal, Eco, Sport and Individual modes. The settings are saved on the optional personalisable key.

#### **Driver assistance systems**

The wide range of driver assistance systems featured in the upgraded ŠKODA OCTAVIA models includes several that are otherwise only available in higher vehicle segments. All of the systems serve to make driving even safer and more relaxed.

Newly available features include Front Assist with Predictive Pedestrian Protection, Blind Spot Detect, Rear Traffic Alert, Trailer Assist and Manoeuvre Assist.

Front Assist with Predictive Pedestrian Protection is designed for use in urban traffic. The system initiates an emergency stop at speeds between 10 and 60 km/h if a pedestrian dangerously attempts to cross the path of the car. The Predictive Pedestrian Protection function is part of Front Assist including the City Emergency Brake function. Both systems work in conjunction with Crew Protect Assist, which closes the windows and sunroof in the event of an impending accident and tensions the seat belts for the driver and passengers. Its new radar sensor is incorporated into the radiator grille.

The new Blind Spot Detect system makes changing lane safer. To do so, it uses two radar sensors in the tailgate with a reach of approximately 20 metres. If another vehicle rapidly approaches from behind or is already in the blind spot, an LED warning light illuminates in the housing of the wing mirror on the corresponding side. If the driver uses the indicator despite the warning, the LED flashes several times at short intervals.

Rear Traffic Alert is another new feature and makes reversing out of parking spaces or drives safer. The system detects vehicles approaching from the sides very early on and warns the driver in three stages: visually, acoustically and finally – if necessary – it automatically applies the brakes. The information for the system is provided by Blind Spot Detect's tailgate radar sensors. Rear Traffic Alert is a key component of the Blind Spot Detect system.

Another new feature in the ŠKODA OCTAVIA model range is Trailer Assist, which makes reverse manoeuvres with a trailer in tow easier. Using the wing mirrors' turn-switch, the driver first sets the angle they would like to use for reversing. Then he gently applies the accelerator. The system adjusts the steering wheel to the chosen course and manoeuvres the trailer safely into the intended space or position. If the angle between the car and the trailer becomes too large, a warning signal is emitted. In critical situations, the system applies the car's brakes automatically, slowing the car and trailer.

Manoeuvre Assist, which is also new, provides help when performing tricky movements without a trailer. This system applies the brakes automatically as soon as it detects an obstacle behind or in front of the vehicle. Manoeuvre Assist and Trailer Assist are based on the improved functionality of the ultrasonic parking sensors.

Proven assistance systems have retained their place on board the revised ŠKODA OCTAVIA RS models. Adaptive Cruise Control (ACC) helps the driver to maintain the desired gap between them



Page 7 of 20

and the car in front at a preset speed. The newly developed radar sensor, which is integrated within the radiator grille, is now active up to a speed of 210 km/h.

Lane Assist helps the driver to stay in lane by gently adjusting the steering where necessary. The fatigue detection system (Driver Alert) recognises when the driver's concentration is waning and, if necessary, prompts them to take a break. The camera-based Travel Assist with Traffic Sign Recognition displays speed limits and other road signs as images on the in-car computer as well as on the navigation system display. Park Assist can automatically steer the vehicle into parking spaces and can also take over when manoeuvring out of parallel parking spaces. Light Assist, which automatically regulates the use of high and dipped beam, rounds off the offering.

Passive safety remains at a high level in the ŠKODA OCTAVIA model range. Five three-point seat belts working in complete harmony with up to nine airbags ensure safety on board. These include front airbags, front side airbags, side head airbags, rear side airbags and a knee airbag for the driver. Child seats can be secured using Isofix and additional top tether anchor points. Tyre pressure monitoring also comes as standard.

#### Infotainment and ŠKODA Connect

Just like all variants of the model range, the ŠKODA OCTAVIA RS models also have the latest generation of infotainment systems on board. Their capacitive touch displays come in a glass design (except for the standard Swing music system); when starting the ignition, a special RS start screen appears. The top-of-the-range version is the Columbus navigation system with a 9.2-inch monitor, Wi-Fi hotspot and optional LTE module, with which occupants can be 'always online'.

The new mobile online services of ŠKODA Connect are divided into two categories: with the Infotainment Online services providing information and entertainment, and the Care Connect services providing assistance and remote access. Via the new ŠKODA Connect portal, the customer can also use these services on their home computer. The driver can configure services as well as transfer destinations, routes and points of interest (POIs) to the vehicle. The data for the Care Connect services is transferred via a SIM card with high-speed LTE that is already installed in the vehicle.

One of the highlights of the Infotainment Online portfolio is the Online Traffic Information service, which displays live traffic on the chosen route and suggests suitable alternative routes in the event of a traffic jam. The services provide further helpful information on petrol stations, parking spaces, news and the weather.

There are further services exclusively available for the Columbus system: Google Earth™ integrates the navigation route into the interactive world map with its photo-realistic map views. The Online Map Update service makes new map material available on a regular basis. With the Online POI search (Voice Search), the driver can look for places which interest them via voice control.

The Emergency Call function is available as an optional extra with the upgraded ŠKODA OCTAVIA RS models. If a restraint system has been activated following an accident, the system establishes a voice and data connection to a dedicated emergency call centre and transfers all of the necessary information. An employee at the emergency call centre then initiates the appropriate support measures and, where necessary, sends an emergency vehicle to the site of the accident. The



Page 8 of 20

driver and passengers can also trigger the Emergency Call manually via a button in the roof module.

Further online services in the Care Connect portfolio work using the new ŠKODA Connect app on a smartphone. The driver can access information about the vehicle's condition on their smartphone or send their route planner to the car via the app. With the new remote services, the driver can, for example, remotely access information on whether the lights are on, whether the doors are locked, how much fuel is in the tank and other aspects using the Vehicle Status service. The Parking Location function can direct the driver to their car. The Honk & Flash function, whereby the car sounds its horn and flashes its lights, makes it even easier to find the vehicle. The Area Notification, Online Anti-Theft Alarm and Speed Notification functions inform the owner if their vehicle is being moved in a manner which they have not permitted. The Route Statistics function rounds off the range of remote services.

The SmartLink+ platform incorporates smartphone apps and brings Apple CarPlay, Android Auto and MirrorLink<sup>TM</sup> into the ŠKODA OCTAVIA RS models. As soon as the customer connects their smartphone to the USB port, the relevant environment opens. The range of apps that can be integrated via SmartLink+ in different variants which have been specially adapted for the vehicle is regularly updated. The availability of Android Auto and Apple CarPlay may vary depending on country.

#### **Even more 'Simply Clever' solutions**

The ŠKODA OCTAVIA model range has always provided practical support for everyday life with its 'Simply Clever' features. With the revised ŠKODA OCTAVIA RS models, a wealth of new features rounds off the range of clever solutions.

Drinks holders in the centre console allow for PET bottles to be opened using just one hand – the holders' serrated shape secures the base of a bottle in place.

In the boot of the ŠKODA OCTAVIA COMBI RS, you'll find a removable LED torch; its battery will recharge automatically whilst driving.

The personalisable key, which is available as an optional extra is also new. Up to three users can save their individual preferences to its memory, ranging from air conditioning and seat settings to the audio system's volume and their Driving Mode Select profile.

Further typical 'Simply Clever' features include the heated steering wheel and two USB ports in the rear.



Page 9 of 20

Long version

# Upgraded ŠKODA OCTAVIA RS as a hatchback and Combi with an emotive, sporty design

- > Wider radiator grille and full-LED headlights with Adaptive Frontlight System (AFS)
- > Fog lights, tail lights and number plate illumination also with LED technology
- > Interior with sports seats and LED ambient lighting as standard

The Czech car manufacturer ŠKODA is also presenting the sportiest variants of its worldwide bestselling model range which have been comprehensively revised and upgraded. Above all, it is the new front section with wider radiator grille and the additional headlights in a crystalline look with full-LED technology that contribute to the dynamic appearance of the ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS. The chrome-framed radiator grille is optionally available in black. The wider air inlets in the redesigned bumper as well as the modified LED tail lights also add to the all-round distinctive appearance. The interior is characterised by high-quality materials, RS sports seats, a revised instrument cluster and the standard LED ambient lighting, which can be set to one of ten colours.

#### New front section and headlights with LED technology

The new face of the ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS is distinguished by the wider radiator grille. With the additional headlights in a crystalline look, the grille has a great presence. The redesigned bumper has wider air inlets and a honeycomb structure – a design that makes the overall impression even more masculine, dynamic and emotive. The outer units of the full-LED headlights with Adaptive Frontlight System (AFS) produce the dipped beam, while the full beam is produced by the inner units which taper towards the radiator grille. A strip of lights for indicators and daytime running lights runs along the bottom edge of both of these units. The front fog lights also feature LED technology and can be supplemented with the cornering function as an optional extra.

The design philosophy of precise and sharply cut lines, which characterise the front view of the ŠKODA OCTAVIA RS and the ŠKODA OCTAVIA COMBI RS, continues along the sides and at the rear. The sides come across as sporty and dynamic, an impression that is underlined by the short overhang at the front. The horizontal, sharply defined tornado line accentuates the powerful appearance. It lengthens the vehicle visually and emphasises the coupé-like silhouette – an effect which is intensified even further in the hatchback by the sloping rear window. The sharply drawn lines make further reference to the ŠKODA-typical crystalline design and produce an intense interplay between light and shade. The raised, dynamic window line gives the compact car a distinctive profile. For the ŠKODA OCTAVIA COMBI RS, the roofline gently slopes towards the rear and elegantly merges with the D-pillar. The finishing touches are provided by a spoiler lip (for the hatchback) and a roof spoiler (for the Combi).

The redesigned rear bumper appears powerful and bold with its subtle contours. The rear light clusters create the impression of being embedded while LEDs fulfil almost all of the lighting functions. The brand-typical C-shaped tail lights have the appearance of homogeneous lighting



Page 10 of 20

surfaces. Contours incorporated into the lights improve the aerodynamics.

For the ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS, there is a choice of eleven body colours – including the special colours Steel Grey and Rally Green. The RS versions roll off the production line with 17-inch alloy wheels as standard, with 18- or 19-inch wheels available as an option.

Although the outer dimensions of the ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS have changed only slightly, the two current versions of the Czech compact car look more powerful and masculine than ever following the latest revisions. The hatchback has grown in length by 4 mm to 4,689 mm; as has estate. The vehicle's width remains unchanged. The hatchback measures 1,448 mm in height; the estate 1,452 mm. At 2,680 mm, the wheelbase is unusually large for this vehicle segment and allows for a very generously sized interior.

#### An even more refined interior design

The interiors of the ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS impress with high-quality materials and new features. The standard equipment includes LED ambient lighting that can be set to any one of ten colours, and the recesses behind the door handles are also illuminated. The redesigned instrument cluster incorporates a colour Maxi-DOT display. The seat covers and door sills bear RS logos. In addition to fabric seat covers with Alcantara® elements, the sports seats are now also available in complete Alcantara® designs. The multifunctional sports steering wheel is encased in perforated leather. Vehicles with DSG transmissions are also equipped with steering wheel paddles. The pedals have a shiny aluminium finish. The generous dimensions make the RS models genuine family sportsters. The space exceeds the usual dimensions in the compact car segment by far. In both the hatchback and the Combi, the rear legroom is 73 mm, the elbow room is 1,454 mm in the front and 1,449 mm in the rear, and the interior length is 1,782 mm. The boot capacity in the hatchback is also extremely generous at 590 I (1,580 I with the back seats folded down). In the Combi, it is as high as 610 I (1,740 I with the back seats folded down). Figures which even vehicles from higher segments only rarely reach.



Page 11 of 20

# Two turbo engines, DSG transmission and all-wheel drive for sporty and safe driving

- > Two turbo engines, each with a 2.0-litre cylinder capacity
- > Petrol engine with 169 kW (230 PS), diesel with 135 kW (184 PS)
- > DSG transmission available for both engine versions
- > 2.0 TDI with all-wheel drive and DSG transmission

Two engine versions with different power outputs and two transmission options are available for the ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS. As a 2.0 TSI, the petrol engine now produces 7 kW (10 PS) more than its predecessor. As regards the transmission, a 6-speed manual transmission is used as standard for petrol and diesel engines, with a 6-speed DSG available as an option. The 2.0 TDI can be combined with all-wheel drive and DSG transmission.

#### A petrol and a diesel engine with lots of power

There is a choice of two four-cylinder turbo engines for the revised ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS – one petrol and one diesel. The power delivered by the 2.0 TSI has increased by 7 kW (10 PS) to 169 kW (230 PS). Maximum torque of 350 Nm is achieved between 1,500 and 4,600 rpm. Power is transmitted to the front wheels either using a 6-speed manual gearbox or a 6-speed DSG transmission. The hatchback with a manual gearbox darts from 0 to 100 km/h in 6.7 seconds and reaches a top speed that is electronically limited to 250 km/h.

Like its predecessor, the 2.0 TDI delivers 135 kW (184 PS). From as little as 1,750 rpm, it produces 380 Nm of torque – enough to sprint from 0 to 100 km/h in 7.9 seconds (Combi 8.0 seconds) and reach a top speed of 232 km/h (Combi 230 km/h). Nevertheless, the diesel only consumes 4.5 litres of fuel per 100 km on average (corresponding to 119 grams of  $CO_2$ /km – all figures given for hatchback with a manual gearbox). The 2.0 TDI is optionally available with a 6-speed manual transmission or a 6-speed dual-clutch transmission. There is also a version with all-wheel drive and a 6-speed DSG transmission.

#### Sports chassis and red brake callipers

Compared to the conventional sister models, the sports chassis lowers the body of the RS models by 15 mm; its rear track is 38 mm wider than that of the previous RS model. Red brake callipers stand out behind the standard 17-inch 'Dorado' wheels. As an optional extra, ŠKODA will fit wheels with a diameter of 18 inches or – a new option – silver 19-inch wheels to the car. Progressive steering, adaptive Dynamic Chassis Control (DCC, optional), Performance Mode Select with Performance Sound Generator (optional) and Electronic Stability Control (ESC) with XDS+ electronic differential lock are further components of the upgraded OCTAVIA RS models.

#### Improved safety thanks to all-wheel drive and differential lock

The all-wheel drive, which is available for the 2.0 TDI with DSG transmission, provides a decisive increase in traction and safety. The XDS+ electronic differential lock, a function included in Electronic Stability Control (ESC), makes handling even safer when cornering quickly – both for the front-wheel-drive versions and for the TDI with all-wheel drive. XDS+ does this by gently slowing down the inner wheels to transmit more power to the outer wheels, thereby guaranteeing increased



Page 12 of 20

agility when cornering.

#### Adaptive chassis

For the ŠKODA OCTAVIA RS and the ŠKODA OCTAVIA COMBI RS, adaptive Dynamic Chassis Control (DCC) is available as an option. Electrically operated valves adjust the dampers' settings. The driver has access to three modes to do this: Comfort, Standard and Sport. In addition, DCC actively contributes to increased safety by automatically switching to Sport mode in corners which are navigated particularly dynamically and, in doing so, ensures greater stability, better traction and shorter braking distances. With Driving Mode Select, the driver can change the steering characteristics, the operation of the DSG transmission, and the settings of other systems in the Normal, Eco, Sport and Individual modes. The individual preferences are saved on the optionally available, personalisable keys. These also store further individual settings such as those for the Climatronic and audio systems as well as seat position, and apply them automatically.



Page 13 of 20

# New and proven driver assistance systems set benchmarks for the compact car segment

- > Driver assistance systems from higher segments
- New systems: Predictive Pedestrian Protection, Blind Spot Detect, Rear Traffic Alert, Front Assist, Trailer Assist, Crew Protect Assist
- Proven features remain in place: Adaptive Cruise Control, Lane Assist, Park Assist,
   Light Assist, Travel Assist with Traffic Sign Recognition, fatigue detection
- > Passive safety remains at a high level with up to nine airbags

The driver assistance systems in the ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS go far beyond the level of the competitors. The systems automatically apply the vehicle's brakes when they detect an imminent collision with pedestrians, warn the driver about vehicles in their blind spot, about fatigue and if the vehicle unintentionally leaves the current lane, keep the vehicle at a constant distance from the car in front, control the full beam headlights, recognise traffic signs, and autonomously steer the car into parking spaces – even when towing a trailer.

#### Driver assistance systems ensure increased safety

The ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS not only provide a comfortable, sophisticated, efficient and sporty driving experience, they are also exceptionally safe. This is ensured by a whole array of assistance systems, which go far beyond the usual level for the compact car segment.

## Front Assist including the City Emergency Brake function with Predictive Pedestrian Protection

Predictive Pedestrian Protection helps to prevent accidents in urban traffic. With the help of a radar sensor, the system can recognise critical situations occurring in front of the vehicle. If a collision is imminent, the driver is warned using a staged alert concept. If necessary, the system can initiate automated braking up to an emergency stop. City Emergency Brake is active up to 30 km/h. The people recognition feature complements Front Assist: at speeds between 10 and 60 km/h an emergency stop is performed if a pedestrian is detected on a collision course.

#### Blind Spot Detect and Rear Traffic Alert - watchful eyes at the rear

The new, optional Blind Spot Detect and Rear Traffic Alert features make driving in many situations safer and more relaxed. Two radar sensors at the rear of the vehicle monitor traffic behind you. If another vehicle rapidly approaches from behind or is already in the blind spot, an LED warning light illuminates in the housing of the wing mirror on the corresponding side. If the driver uses the indicator despite the warning, the LED flashes brightly several times at short intervals. The feature assists the driver at speeds of between 10 km/h and the top speed of the vehicle.

The new Rear Traffic Alert is part of Blind Spot Detect. This system uses the same rear radar sensors to safeguard the vehicle when reversing out of parking spaces or driveways. It recognises approaching traffic very early on and warns the driver of any danger – first visually, then acoustically, and finally with automatic braking if necessary.



Page 14 of 20

#### Trailer Assist makes towing a trailer easy

The optional Trailer Assist transforms even those with little towing experience into experts and prevents embarrassing incidents when reversing. First, the driver puts the vehicle in reverse and presses the park button. The driver then uses the turn-switch for the wing mirrors to adjust the angle they would like to use for reversing. The images from the rear-view camera are displayed on the in-car monitor with guiding lines for orientation. Subsequently, the driver only has to accelerate gently – the system does the rest and automatically steers the car and trailer into position. If the angle between the vehicle and the trailer becomes too large, a warning signal is emitted; if the driver fails to react, the technology slows the car and trailer down automatically.

#### Manoeuvre Assist - no more knocks thanks to ultrasonics

As the name suggests, Manoeuvre Assist, which is also new, provides help when performing tricky manoeuvres without a trailer: it applies the vehicle's brakes as soon as it detects an obstacle. From a technical viewpoint, just like Trailer Assist, it is based on the improved functionality of the ultrasonic parking sensors.

#### Other unchanged, in-car assistance systems

Proven assistance systems remain unchanged in the revised ŠKODA OCTAVIA family. Features such as Electronic Stability Control (ESC), which prevents the vehicle from swerving when cornering, or Front Assist remain unchanged. The radar-based Adaptive Cruise Control (ACC) maintains the desired gap from the vehicle in front at a preset speed by automatically braking or accelerating. The newly developed radar sensor within the radiator grille works at speeds between 30 and 160 km/h (up to 210 km/h as an option). The safety system uses four different levels of intervention when it recognises a danger caused by driving too close to the vehicle in front. Initially as a visual warning, then as a visual and acoustic warning. Level three initiates partial braking. If the driver still fails to react, the fourth level activates Brake Assist at its maximum sensitivity and the vehicle is slowed down by applying full braking force.

Lane Assist helps the driver to stay in lane by warning the driver via the multifunction display or gently adjusting the steering where necessary. The system works in conjunction with a camera which is integrated into the base of the rear-view mirror in the windscreen. Lane Assist uses lane markers for guidance and the system is activated when the vehicle is at risk of crossing these markers without the use of the indicators. Then, a visual warning on the multifunction display and a corrective steering manoeuvre are initiated. The system assists the driver at speeds above 65 km/h.

The fatigue detection system (Driver Alert) recognises when the driver's concentration is waning. For this purpose, the system transfers information about steering wheel movements to the control unit. The system analyses the steering characteristics 15 minutes after the engine has been started and saves the information. The control unit compares this information with the detected driving behaviour and with defined driving characteristics of tired drivers. If necessary, the system prompts the driver to take a break.

If a collision is imminent, the proactive occupant protection system Crew Protect Assist is activated: it closes the windows and sunroof (leaving a small gap) to prevent foreign bodies from getting into the interior of the vehicle, and tensions the seat belts for the driver and passengers. Crew Protect Assist works in conjunction with Front Assist. In the event of an accident, the Multi-Collision Brake,



Page 15 of 20

which comes as standard, prevents the car from rolling any further in an uncontrolled manner. In addition, the hazard and brake lights are activated. The driver can 'override' the system by accelerating or applying the brakes themselves.

What is the speed limit? Has the restriction on overtaking already been lifted? The ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS know the answers. The camera-based Travel Assist with Traffic Sign Recognition displays speed limits and other road signs as images on the incar computer as well as on the navigation system's screen.

Those who like some guidance when parking activate the Park Assist feature. This automatically steers the vehicle into parallel parking spaces and reverses into spaces perpendicular to the road. The system can be activated at speeds of up to 40 km/h for the recognition of parallel parking spaces and at up to 20 km/h for bay parking spaces. In order to do so, the driver activates the indicator for the side on which they wish to park. The system measures the space (this has to allow at least 60 cm of manoeuvring space), determines the starting position and automatically steers the vehicle into position. The driver only has to accelerate and apply the brakes. The system can also manoeuvre the vehicle out of parallel parking spaces autonomously.

Hill-Hold Control helps the driver when performing a hill start. The system is activated on inclines above five per cent and allows for relaxed and safe hill starts, without the driver having to use the handbrake. The system prevents the vehicle from rolling backwards and the engine from stalling.

Light Assist rounds off the programme. In the dark and at speeds of up to 60 km/h, the multifunctional camera detects vehicles in front of you (up to 400 m away) and oncoming traffic (up to 1,000 m), and turns off the high beam when necessary. However, the driver can 'override' the system at any time.

#### Passive safety remains high

The revised model range's comprehensive package of restraint features remains unchanged. Five three-point seat belts working in complete harmony with up to nine airbags ensure maximum safety on board. These include front airbags for driver and passenger, front side airbags, side head airbags, a knee airbag for the driver (as standard) and rear side airbags (optional). Child seats can be secured using Isofix (as an option, also available for the front passenger seat) and top tether anchor points. Tyre pressure monitoring is also standard in all model variants.

In the Euro NCAP crash test, the ŠKODA OCTAVIA achieved the top mark of five stars for occupant safety, top values of 93 per cent for adult protection and 86 per cent with children on board.



Page 16 of 20

## In-car entertainment and assistance with technology of the future

- > Four new infotainment systems with capacitive displays
- > Online Traffic Information service detects traffic jams and recommends alternative routes
- > Occupants are 'always online' whilst in the car
- > Infotainment and ŠKODA Connect provide entertainment as well as news, fuel prices along the route and information on available parking spaces
- > Care Connect provides assistance and help in an emergency

The infotainment systems in the comprehensively upgraded ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS are part of a new generation. They bring the future of connectivity with new functions into the vehicle. Thanks to the LTE module and Wi-Fi hotspot, the occupants have the option of being 'always online'. ŠKODA Connect with the new mobile online services is divided into two categories: Infotainment Online for entertainment and information, as well as Care Connect for support and assistance. The offer includes an automatic Emergency Call and the 'Parking Location' function, which guides the driver to the car using their smartphone. Journeys can be programmed at home and transferred to the vehicle online. Depending on the traffic situation, the driver receives a recommendation as to the best time to set off. Online Traffic Information displays the current traffic flow on the chosen route and recommends suitable alternatives in the event of a traffic jam.

#### Infotainment systems protect and entertain

The new infotainment systems provide improved safety and entertainment. Four hardware components are available: the Swing (standard) and Bolero music systems as well as the Amundsen and Columbus navigation infotainment systems. All four systems are intuitive and impress with quick processing and intelligent functions. The capacitive touch displays react to even the lightest touch. The optional Bolero, Amundsen and Columbus infotainment systems' screens in the new glass design further enhance the high-quality instrument panel.

The standard Swing music system has a 6.5-inch screen, an SD-card slot, an aux-in socket and a USB port. Further connectivity features are available as an option, ranging up to the SmartLink+ platform, which incorporates smartphone apps and brings Apple CarPlay, Android Auto and MirrorLink<sup>TM</sup> into the ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS. If the customer connects their smartphone to the USB port, the relevant environment opens. The range of apps that can be integrated via SmartLink+ in different variants which have been specially adapted for the vehicle is regularly updated. The availability of Android Auto and Apple CarPlay may vary depending on country.

The Bolero music system features a high-resolution 8-inch touchscreen in an elegant glass design and finely honed sensors: when the user's finger approaches, an operation mode is activated that enables swiping, scrolling and character input. Moreover, the Bolero system can read out SMS text messages and allows them to be written on the display. Furthermore, the system integrates a Bluetooth connection, eight speakers and SmartLink+. Voice control is available as an option.

The Amundsen navigation system is based on the Bolero system. In addition, the system incorporates an integrated Wi-Fi hotspot, which allows passengers to surf, stream and send emails



Page 17 of 20

using up to eight mobile devices. Two tuners ensure radio reception, while a third tuner is dedicated to TMC (Traffic Message Channel) reports. The maps can be updated free of charge throughout the lifetime of the device.

The Columbus navigation system is top of the range. Its impressive 9.2-inch screen provides a resolution of  $1,280 \times 640$  pixels. There is also a 64-GB flash memory, a DVD drive and an optional LTE module, which supplies the occupants with high-speed Internet (download at up to 150 Mbit per second).

#### Supplementary infotainment components

The already familiar Phonebox in the centre console charges a smartphone inductively and connects to the car aerial; both functions are wireless. The CANTON sound system provides unmatched sound with ten speakers and 570 watts (including a central speaker on the instrument panel and a subwoofer in the boot).

#### ŠKODA Connect - mobile online services set the standard

The mobile online services from ŠKODA Connect ideally complement the infotainment offering. They take navigation, information, entertainment and assistance to a new dimension and are divided into two categories:

- > The newly available Infotainment Online services provide information and entertainment.
- > The Care Connect services provide assistance for the driver and remote vehicle access.

Via the new ŠKODA Connect portal, the customer can even configure various services from their home computer as well as transfer destinations, routes and points of interest to the car.

One of the highlights of the Infotainment Online services is Online Traffic Information, which transfers traffic flow on the selected route in real time to the car and suggests alternative routes in the event of a traffic jam. The Petrol Stations service lists petrol stations (including fuel prices) along the route. The Parking Spaces, News and Weather services provide further tailored information.

Three further services are exclusively available for the Columbus navigation infotainment system: Google Earth™ with photo-realistic map views, Online Map Update and Online POI Search (Voice Search). Destinations are requested by text entry or voice command in the vehicle. If the driver is planning the route in advance from home, the ŠKODA Connect app informs them of the best time to set off. Online Map Update regularly updates the maps.

The Care Connect services support driver and passengers in many situations and are available for all infotainment systems. The data is transferred via a SIM card that is installed in the vehicle. The Emergency Call is standard in Europe (there may be variations in some countries), even before it becomes compulsory in Europe: if a restraint system has been activated following an accident, the system establishes a voice and data connection to a dedicated emergency call centre and transfers all of the necessary information. The occupants can also trigger the Emergency Call manually via a button in the roof module.



Page 18 of 20

The services also include a notification function for minor accidents and a breakdown call. The 'i' button in this module connects an Info Call. At the touch of a button, the driver can establish contact with an expert in the customer call centre, in order to have technical questions answered, for example. The Info Call also organises help in the event of a breakdown.

When a customer activates the Proactive Service, their dealership contacts them when a service is due to arrange a convenient appointment. In addition, service-relevant vehicle data can be transferred to the ŠKODA garage.

Further online services can be run via the ŠKODA Connect app using a smartphone. Are the lights off? Are the doors locked? The driver can remotely access information at any time on whether the windows and doors are locked, how much fuel is in the tank and the corresponding mileage that can be covered. It is also possible to display the vehicle's current parking location on a smartphone.

Where is my car in this huge car park? When the Honk & Flash function is activated, the car sounds its horn and flashes its lights.

Don't want the car to leave a predefined area or exceed 130 km/h? The Area Notification, Online Anti-Theft Alarm and Speed Notification functions inform the owner if this occurs against their wishes. The Route Statistics function rounds off the range of remote services.



Page 19 of 20

# Intelligent 'Simply Clever' features for even more comfort and practicality

- > Heated steering wheel for cold winter days
- > Personalisable car key
- > Bottle holder in the centre console enable bottles to be opened with one hand
- > Two USB ports in the rear
- > Removable LED torch in the boot of the Combi

Customers also value ŠKODA models because of the many practical solutions that the designers come up with to further increase the comfort for the driver and passengers. The 'Simply Clever' features are characterised by astonishing attention to detail and smart solutions. The engineers have once again also developed some new features for the upgraded ŠKODA OCTAVIA RS and ŠKODA OCTAVIA COMBI RS.

'Simply Clever' – even more practical ideas
Besides personalisable keys, the cars also come with the following new 'Simply Clever'
features:

- > Bottle holder in the centre console it is shaped in such a way that it secures the base of the bottle in place. This allows PET bottles to be opened using just one hand.
- > Heated steering wheel the surface, that can be heated at the touch of a button, warms up your hands in cold weather.
- > Two USB ports in the rear for charging smartphones or other small devices.
- > Removable LED torch in the boot of the Combi its battery automatically charges when the vehicle is in motion.

#### Still in the car:

- > Umbrella under the front passenger seat
- > High-vis-vest holder under the driver's seat
- > Ticket holder on the A-pillar
- > Portable waste bin for the door trim
- > Up to eight bottle holders in the door trims (up to 1.5 litres in the front, up to 0.5 litres in the back)
- > Universal holder for media devices in the centre console cup holder
- > Ice scraper in the fuel filler flap
- > Back seats that can be folded down from the boot
- > Flexible fastening options in the boot double bag hooks and securing eyelets for nets
- > Foldable cargo fasteners for the boot to hold boxes or cases in place
- > Double-sided boot liner with a rubberised underside for transporting dirty or wet objects



Page 20 of 20

#### The following 'Simply Clever' features remain available specifically for the ŠKODA OCTAVIA **COMBLRS:**

- > Adjustable false boot floor
- > Multifunctional shelf under the boot cover
- > Boot barrier net
- > Four bag hooks
- > Two boot lights
- > 12-volt socket in the boot.

#### **Further information**

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#### **ŠKODA AUTO**

- > is one of the longest-established car manufacturers in the world. The company was founded in 1895 during the pioneering days of the automobile. Today, the company's headquarters remain in Mladá Boleslav.
- currently offers the following model series: CITIGO, FABIA, RAPID, OCTAVIA, YETI, KODIAQ and SUPERB.
- > delivered more than 1 million vehicles to customers worldwide in 2016.
- has been part of Volkswagen Group since 1991, one of the most successful vehicle manufacturers in the world. ŠKODA, in association with the Group, independently manufactures and develops vehicles as well as components such as engines and gear transmissions.
- > operates at three locations in the Czech Republic; produces in China, Russia, Slovakia and India mainly through Group partnerships, as well as in Ukraine and Kazakhstan with local partners.
- > employs over 30,000 people globally and is active in more than 100 markets.



## **ŠKODA OCTAVIA RS**

Technical specifications		2.0 TSI/169 kW	2.0 TSI/169 kW (A)	2.0 TDI/135 kW	2.0 TDI/135 kW (A)	2.0 TDI/135 kW 4×4 (A)	
Engine							
Engine type		turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front		turbocharged diesel engine, turbocharger with self-aligning blades, in-line, liquid cooling system, DOHC, transverse in front			
Cylinders		4	4		4		
Displacement	[cm <sup>3</sup> ]	19	984		1968		
Bore × Stroke	[mm × mm]	82.5	× 92.8		81.0 × 95.5		
Max. engine performance/revs	[kW at rpm]	169/470	00–6200		135/3500-4000		
Max. torque/revs	[Nm at rpm]	350/150	00–4600		380/1750-3250		
Compression ratio		9.6	5:1		15.8 : 1		
Emission limit				EU 6			
Fuel injection system		electronically controlled combined (direct and port) injection  electronically controlled high-pressure direct injection – common-rail s			n – common-rail system		
Ignition		control unit controlled electronic ignition system			-		
Lubrication			force-fee	ed lubrication with through-flow	l lubrication with through-flow oil filter		
Fuel quality		unleaded petro	ol min. RON 95	diesel			
Transmission							
Wheel drive					four-wheel drive with automatic torque distribution		
Clutch		hydraulic single dry clutch disc with membrane spring, asbestos free	two coaxial wet multiple- disk clutch, electro- hydraulically operated	disc with membrane two coaxial wet multiple-disk clutch, electro-hydrau			
Transmission		manual 6-speed fully synchronized automatic 6-speed, DSG, with Tiptronic manual gear changing manual 6-speed fully synchronized automatic 6-speed, DSG, with Tiptronic changing					
Transmission ratio		I-3.77 II-2.09 III-1.47 IV-1.15 V-1.17 VI-0.97 R-4.55 I-2.93 II-1.79 III-1.13 IV-0.77 V-0.81 VI-0.64 R-3.35		I-3.77 II-2.09 III-1.32 IV-0.92 V-0.90 VI-0.76 R-4.55	I-3.46 II-1.91 III-1.13 IV-0.76 V-0.76 VI-0.62 R-3.99	I-3.46 II-1.90 III-1.13 IV-0.76 V-0.76 VI-0.62 R-3.99	
Axle ratio		3.45/2.76	4.77/3.44	3.45/2.76	4.38/3.33	4.38/3.33	

1/3 10. 4. 2017



## **ŠKODA OCTAVIA RS**

Technical specifications		2.0 TSI/169 kW	2.0 TSI/169 kW (A)	2.0 TDI/135 kW	2.0 TDI/135 kW (A)	2.0 TDI/135 kW 4×4 (A)
Chassis						
Front axle		MacPherson suspension with lower triangular links and torsion stabiliser				
Rear axle				longitudinal and three transve		er
Springs			telescopic shock abso	orbers with coil springs, in the	rear outside the springs	
Braking system			hydraulic dual-diagonal circ	uit braking system vacuum as	sisted with Dual Rate system	
Brake – front			disc brakes with	inner cooling, with single/pist	on floating caliper	
Brake – rear				disc brakes		
Parking brake				manual, on rear wheels		
Steering system			direct rack and pin	ion steering with electro mech	anic power steering	
Wheels				7.5J × 17"		
Tyres				225/45 R17		
Body						
Body			5	door, two compartment, 5 sea	ater	
Drag coefficient c <sub>w</sub>		0	.296	0.2	291	0.292
Outside dimensions						
Length	[mm]			4689		
Width	[mm]	1814				
Height (at kerb weight)	[mm]			1448		
Wheel base	[mm]			2680		
Clearance (at kerb weight)	[mm]			127		
Height of the loading sill (at kerb weight)	[mm]			687		
Track front	[mm]			1535		
Track rear	[mm]			1544		
Inside dimensions						
Width of front seats	[mm]	1454				
Width of rear seats	[mm]	1449				
Headroom in front seats	[mm]	983				
Headroom in rear seats	[mm]	980				
Storage capacity	[1]	590				
Storage capacity with rear seatback folded down	נים	1580				

2/3 10. 4. 2017



## **ŠKODA OCTAVIA RS**

Technical specifications		2.0 TSI/169 kW	2.0 TSI/169 kW (A)	2.0 TDI/135 kW	2.0 TDI/135 kW (A)	2.0 TDI/135 kW 4×4 (A)
Weights			. ,		```	,
Kerb weight – incl. driver*	[kg]	1420	1440	1445	1465	1550
Payload – incl. driver*	[kg]			542		
Total weight	[kg]	1887	1907	1912	1932	2017
Max. roof load	[kg]			75		
Max. trailer load w/o brakes	[kg]	710	720	720	730	750
Max. trailer load with brakes – 12%	[kg]		160	00		1800
Max. trailer load with brakes – 8%	[kg]		180	00		2000
Max. nose weight	[kg]	75				
Liquids						
Tank capacity	[1]		50	0		55
Performance/consumption						
Maximum speed	[km/h]	250	249	232	230	228
Acceleration 0–100 km/h	[s]	6.7	6.8	7.9	7.9	7.6
Fuel consumption (1999/100/EC)						
Consumption – urban	[l/100 km]	7.9	8.5	5.3	5.8	5.9
Consumption – extra-urban	[l/100 km]	5.5	5.5	4.1	4.4	4.7
Consumption – combined	[l/100 km]	6.5	6.6	4.5	4.9	5.1
CO <sub>2</sub> emissions	[g/km]	149	149	119	129	134
Turning circle diameter	[m]			10.5	<u> </u>	<u> </u>

<sup>\*\*</sup> Figures apply to basic version, weight of driver 75 kg.

3/3



## **ŠKODA OCTAVIA COMBI RS**

Technical specifications		2.0 TSI/169 kW	2.0 TSI/169 kW (A)	2.0 TDI/135 kW	2.0 TDI/135 kW (A)	2.0 TDI/135 kW 4×4 (A)	
Engine							
Engine type			ine, in-line, liquid cooling ransverse in front	turbocharged diesel engine, turbocharger with self-aligning blades, in-line, liquid cooling system, DOHC, transverse in front			
Cylinders		4	4		4		
Displacement	[cm <sup>3</sup> ]	19	984		1968		
Bore × Stroke	[mm × mm]	82.5	× 92.8		81.0 × 95.5		
Max. engine performance/revs	[kW at rpm]	169/470	00–6200		135/3500-4000		
Max. torque/revs	[Nm at rpm]	350/150	00–4600		380/1750-3250		
Compression ratio		9.6	5:1		15.8 : 1		
Emission limit				EU 6			
Fuel injection system		electronically controlled combined (direct and port) injection  electronically controlled high-pressure direct injection – common-rail				n – common-rail system	
Ignition		control unit controlled e	lectronic ignition system	-			
Lubrication		force-feed lubrication with through-flow oil filter					
Fuel quality		unleaded petro	ol min. RON 95		diesel		
Transmission							
Wheel drive		front wheel drive auto			four-wheel drive with automatic torque distribution		
Clutch		hydraulic single dry clutch disc with membrane spring, asbestos free	two coaxial wet multiple- disk clutch, electro- hydraulically operated	hydraulic single dry clutch disc with membrane spring, asbestos free	two coaxial wet multiple-disk clutch, electro-hydraulic operated		
Transmission		manual 6-speed fully synchronized automatic 6-speed, DSG, with Tiptronic manual gear changing manual 6-speed fully synchronized automatic 6-speed, DSG, with Tiptronic manual gear changing					
Transmission ratio		I-3.77 II-2.09 III-1.47 IV-1.15 V-1.17 VI-0.97 R-4.55	I-2.93 II-1.79 III-1.13 IV-0.77 V-0.81 VI-0.64 R-3.35	I-3.77 II-2.09 III-1.32 IV-0.92 V-0.90 VI-0.76 R-4.55	I-3.46 II-1.91 III-1.13 IV-0.76 V-0.76 VI-0.62 R-3.99	I-3.46 II-1.90 III-1.13 IV-0.76 V-0.76 VI-0.62 R-3.99	
Axle ratio		3.45/2.76	4.77/3.44	3.45/2.76	4.38/3.33	4.38/3.33	

1/3 10. 4. 2017



## **ŠKODA OCTAVIA COMBI RS**

Technical specifications		2.0 TSI/169 kW	2.0 TSI/169 kW (A)	2.0 TDI/135 kW	2.0 TDI/135 kW (A)	2.0 TDI/135 kW 4×4 (A)
Chassis		,		,	, ,	
Front axle		MacPherson suspension with lower triangular links and torsion stabiliser				
Rear axle			multi-element axle, with one le			er
Springs			telescopic shock absor	bers with coil springs, in the	rear outside the springs	
Braking system			hydraulic dual-diagonal circu	it braking system vacuum as	sisted with Dual Rate system	
Brake – front			disc brakes with	inner cooling, with single/pist	on floating caliper	
Brake – rear				disc brakes		
Parking brake				manual, on rear wheels		
Steering system			direct rack and pini	on steering with electro mech	anic power steering	
Wheels				7.5J × 17"		
Tyres				225/45 R17		
Body						
Body			5 (	door, two compartment, 5 sea	ater	
Drag coefficient c <sub>w</sub>		0	312	0.3	307	0.308
Outside dimensions						
Length	[mm]			4689		
Width	[mm]			1814		
Height (at kerb weight)	[mm]			1452		
Wheel base	[mm]			2680		
Clearance (at kerb weight)	[mm]			127		
Height of the loading sill (at kerb weight)	[mm]			619		
Track front	[mm]			1535		
Track rear	[mm]			1544		
Inside dimensions						
Width of front seats	[mm]	1454				
Width of rear seats	[mm]	1449				
Headroom in front seats	[mm]	983				
Headroom in rear seats	[mm]	995				
Storage capacity	[1]	610				
Storage capacity with rear seatback folded down	[1]	1740				

2/3 10. 4. 2017



## **ŠKODA OCTAVIA COMBI RS**

Technical specifications		2.0 TSI/169 kW	2.0 TSI/169 kW (A)	2.0 TDI/135 kW	2.0 TDI/135 kW (A)	2.0 TDI/135 kW 4×4 (A)
Weights			, , ,			
Kerb weight – incl. driver*	[kg]	1442	1462	1467	1487	1572
Payload – incl. driver*	[kg]			566	•	<u>.</u>
Total weight	[kg]	1933	1953	1958	1978	2063
Max. roof load	[kg]			75		•
Max. trailer load w/o brakes	[kg]	720	730	730	740	750
Max. trailer load with brakes – 12%	[kg]		16	00		1800
Max. trailer load with brakes – 8%	[kg]		18	00		2000
Max. nose weight	[kg]	75				
Liquids						
Tank capacity	[1]		5	0		55
Performance/consumption						
Maximum speed	[km/h]	247	245	230	228	224
Acceleration 0–100 km/h	[s]	6.8	7.0	8.0	8.0	7.7
Fuel consumption (1999/100/EC)						
Consumption – urban	[l/100 km]	7.9	8.5	5.3	5.8	5.9
Consumption – extra-urban	[l/100 km]	5.5	5.5	4.1	4.4	4.7
Consumption – combined	[l/100 km]	6.5	6.6	4.5	4.9	5.1
CO <sub>2</sub> emissions	[g/km]	149	149	119	129	134
Turning circle diameter	[m]			10.5	•	•

<sup>\*\*</sup> Figures apply to basic version, weight of driver 75 kg.

3/3