

# Passat



**Press Release**

OCTOBER 2015



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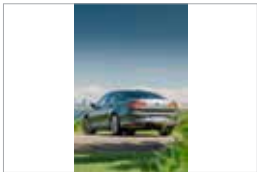
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## **The new Passat –**

Australian Media Launch, Gold Coast, QLD, October 2015

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#### **Important:**

All the data and descriptions included in this press folder are valid for the programme of models available for sale in Australia. Different details may apply in other countries. This information may be subject to change or correction.

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## Volkswagen Australia launches the 8th generation Passat: offers innovation, connectivity and safety

New Passat features the latest in technology and innovation

Distinctive styling and dynamic proportions herald a new era of Volkswagen engineering and design

**Gold Coast, October 2015.** Volkswagen Australia has unveiled the all-new Passat, introducing the eighth generation of this best-selling car. The new Passat sets new standards in terms of its design, technologies, engines and possibilities. The launch of the eighth generation Passat marks the debut of the latest version of a global best seller, with nearly 22 million units being built around the world. The Passat is the oldest active product brand from Volkswagen and is the Group's most successful model.

### Positioning and design

**Exterior.** The exterior of the eighth generation Passat has been built to create a design that conveys timeless style with contemporary finishes. The new Passat was created based on the modular transverse matrix (MQB). Its proportions were made to be significantly more dynamic (including lower body, longer wheelbase and larger wheels) and its overall package has been improved. While preserving all of its functional qualities, the new Passat has gained noticeably in presence and is distinguished by a number of external visual cues that enhance the vehicles sophisticated appearance. With the new Passat, Volkswagen has created a sedan and wagon that both cross over into a higher vehicle class.

**Interior.** The cars stylish exterior design continues inside the new Passat, as the interior has been developed with the aesthetics and quality to match the sophisticated overall concept. Based on several new design solutions such as a concise continuous horizontal band of air vents and advanced technologies such as a Driving Profile Selector, App-Connect and an extremely low-profile ambient lighting strip – the interior has a more modern and exclusive appearance than ever.

### Assistance and drive systems

**More convenience and safety.** New assistance, infotainment and convenience systems make the Passat's driving experience more exciting than ever before. Along with being more connected, the new systems also play an active role in the driving process, making handling of the vehicle even safer. In the new model, the vehicle features the latest in Volkswagen's innovative technologies, including Volkswagens App-Connect system, featuring Apple CarPlay®, Android Auto™ and Mirror Link®. The new Passat also showcases Front Assist with City Emergency Braking (City EB).

**TSI and TDI engines.** Also new to the Passat range are the vehicles powerful turbocharged direct injection engines. The new, more powerful 1.8 litre turbocharged TSI petrol engine has an impressive power output of 132kW and 250Nm of torque, while the new 2.0 litre turbocharged TDI engine produces a powerful 140kW and 400Nm of torque. All versions of the new Passat come equipped with a start/stop system, a regenerative braking mode and a direct shift gearbox (DSG).

### Equipment versions

**Three equipment lines.** Like the previous model, Volkswagen will be launching the new Passat in three equipment lines: 132TSI, 132TSI Comfortline and 140TDI Highline. As the standard entry model, the Passat 132TSI offers an impressive level of standard features including 17-inch 'Istanbul' alloy wheels with 215/55 R17 tyres and an LED taillight assembly, adding style and character to the new vehicles exterior. Interior features include an ergoComfort driver's seat, height adjustment for the front seats and 3-zone climate control. Functional features include a start/stop (generation 2) system, a Multi-Collision Braking System, the 'Discover Media' satellite navigation system with 6.5-inch touchscreen multi-function display, separate day time running lights and Auto Hold. The Passat 132TSI Comfortline, with an even more exclusive specification, additionally comes as standard with details such as Front Assist with City Emergency Braking (City EB), Lane Assist, Side Assist and Adaptive Cruise Control. Interior features include Vienna leather appointed upholstery, 17-inch 'London' alloy wheels with 215/55 R17 tyres and an 8-inch colour touchscreen 'Discover Pro' satellite navigation system.

In the new vehicle's premium grade, the Passat 140TDI Highline, not only are classic interior features such as St Tropez and black Nappa leather upholstery showcased, this version of the Passat features enhanced exterior chrome styling cues, darkened rear premium LED taillights and 18-inch 'Dartford' alloy wheels with 235/45 R18 tyres.

### Optional Packages

With an already impressive list of standard features and equipment, the new Passat offers customers an array of practical and convenient inclusions. However, should customers want to enhance their Passat even further, three optional packages are available with a host of luxury and assistance systems.

### Driver Assistance Package

The optional Driver Assistance Package (only available in 132TSI) increases the car's safety levels, above the already standard levels of the new Passat. Included in the package is Adaptive Cruise Control (ACC) with stop and go (DSG), Front Assist with City Emergency Braking (City EB), Lane Assist, Side Assist and Rear Traffic Alert as well as the Driver Profile Selection.

### Luxury Package

The optional Luxury Package (only available in 132TSI Comfortline and 140TDI Highline) enhances the Passat's exterior and interior appearance with LED headlights and LED daytime driving lights, a panoramic electric glass sunroof, stylish ambient interior lighting and electric foldable mirrors. The luxury package also includes a Driving Profile Selection (standard in 140TDI Highline) and Park Assist 3.

### R-Line Package

The optional R-Line Package (only available in 132TSI Comfortline and 140TDI Highline) offers customers a wide range of additional exclusive features including: front sports seats, Nappa leather appointed upholstery with carbon style side bolsters, "R-Line" exterior and interior styling, leather wrapped multifunction steering wheel with gearshift paddles and "R-Line" insignia, progressive steering, lowered sports suspension (15mm), 19-inch 'Verona' alloy wheels (5), dark tinted rear side window and rear window glass.



# The new Passat

## Pricing

### Model

Passat 132TSI 7 speed DSG	\$34,990
Passat 132TSI Comfortline 7 speed DSG	\$39,990
Passat 140TDI Highline 6 speed DSG	\$45,990
Passat Wagon 132TSI 7 Speed DSG	\$36,990
Passat Wagon 132TSI Comfortline 7 Speed DSG	\$41,990
Passat Wagon 140TDI Highline 6 Speed DSG	\$47,990

### Options

Metallic / Pearl Effect Paint	\$700
Driver Assistance Package – 132TSI	\$1,800
Luxury Package – Comfortline and Highline	\$3,500
R-Line Package – 132TSI Comfortline	\$3,000
R-Line Package – 140TDI Highline	\$2,500

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*Prices quoted are Manufacturer List Prices excluding dealer delivery charges, which may vary from dealer to dealer and statutory charges, which vary from state to state.*



### Dynamic proportions combine with quality and style

Sporty proportions with longer wheelbase give the car a more distinctive look

'Cab-backward design' with long bonnet creates high-class feel

#### Stylistic evolution of a model series

Volkswagen has been perfecting the Passat for over four decades and its contemporary styling has gained noticeably in presence, exclusivity and dynamism. The new Passat's design combines timeless style and elegance with sporty proportions, positioning the Passat in the top league of its class.

#### Dynamic proportions

The global best-seller has been built with an entirely new design platform – the modular transverse matrix (MQB), that has been made available to the new vehicle for the first time. Although it is almost exactly as long as the previous model, the car's wheelbase has grown by a considerable 80mm, with the front and rear wheels now larger and are also positioned further out to the sides, making it possible to shorten the body overhangs significantly. The new Passat has also been made lower and wider. Because of the optimised engine orientation, it was possible to significantly lower the bonnet and shift the windscreen towards the rear. This 'cab backward design' with long bonnet look creates a high-class feel for the popular model and gives the new car its dynamic proportions.

#### Dimensions and design details

**The dimensions.** The new Passat is 4,767mm long. Its wheelbase has been lengthened by 80mm, bringing this length up to 2,791mm. The front wheels have been moved 29mm towards the front bumper, and the rear wheels 17mm towards the rear bumper (the occupant cell has been lengthened by 33mm). This has resulted in shorter body overhangs (67mm less at the front and 13mm less at the rear). The car has been made 34mm lower (1,456mm) and 12mm wider (1,832mm) overall. These dimensions have created a design that is as powerful as it is dynamic.

**Side profile with a distinctive character line.** The stylish image of the new Passat was achieved by a wide variety of precisely drawn edges and creases which develop individual light-reflecting surfaces. Especially distinctive in side profile is the area between the window sill (beneath the side windows) and the character line (at the height of the door handles which are integrated into the character line). Here, the creases and edges in the upper area of the side panels merge to form a horizontal surface from which – viewed from front to back – the distinctive and athletic shoulder section of the Passat develops. The character line starts at the front as a lengthening of the upper headlight border into the wing, and then is briefly interrupted by the prominent front wheel arch, rising slightly but continuously as a shoulder line towards the rear of the car (the windows and roof pillars slope inwards as on a sports car). Between the window sill and the character line there is an alternation of light-reflecting surfaces. This modulation is subdivided into two areas. The upper area at the front of the wing forms a wide concave surface which becomes progressively narrower towards the C and D-pillar of the car like a tapering triangle, with the light-reflecting surface ending in the rear roof pillar. Beneath this, there is an area that runs in the opposite direction; it starts wide at the rear as a powerfully arched shoulder section and runs forward, also as a tapering triangle- this makes the side of the car appear more wedge-shaped than it actually is. The shoulder line and the powerful rear wheel arch are emphasised by this interplay of light and shadow surfaces.

**High-end precision.** The interplay of lines and light surfaces significantly lowers the height of the new Passat visually, making the vehicle appear much lower than it actually is. The new Passat's door handles have been placed directly on the character line, which has been given a further crease and beneath the character line are the door surfaces that flare outwards and the dominant wheel arches. At the very bottom, the side profile is bordered by the shaped side sills. Between the door surfaces and the transition into the side sills there is another crease with an alternation of curvature that once again generates a prominent light surface. This light surface is continued along the sides and into the rear bumper. Another crease above the side windows and the wrap-around chrome trim of the long window surface and a double edge in the roof area all contribute towards the vehicles sporty and exclusive look. Elegant wrap-around chrome trim at the height of the side sill are also available in the vehicles Highline version.

**Front section.** The new Passat arrives on the market with a new Volkswagen face design. The radiator grille is designed to be significantly larger than the headlights and in all three equipment versions (132TSI, 132TSI Comfortline and 140TDI Highline) it has been upgraded with four chrome bars. On the sides, these bars bend inward towards the headlights in a trapezoid shape and the lowest chrome bar of the grille is continued into the headlights. Above the grille and the headlights there is another chrome accent which extends across the entire width of the front end, and is continued across into the character line (from the Highline version). The headlights and the grille follow Volkswagen design DNA with their clear horizontal alignment, as they merge into a horizontal unit. The cross-bar made up of the grille and headlights reinforces the prominent image of the Passat with its strong presence and the upper chrome bar of the Passat Highline further reinforces this dynamic effect. The bending edge beneath the grille and the headlights is distinctive with a light surface that follows the upper course of the radiator and headlights as a line.

**LED headlights.** The newly developed LED headlights with dynamic cornering lights (optional as part of the luxury package) form the lighting system that replace the Bi-xenon headlights of previous Passat versions. Also designed in LED technology is the new vehicles daytime running lights that also assume a turn indicator function. Together with the two "eyes" in the reflectors, the daytime running lights are a distinctive signature of Volkswagen design.

**Rear.** Immediately noticeable at the rear of the vehicle is the 'cab-backward' design of the Passat that has a strong inward sweep, prominently seen in sports cars. At the bottom of the vehicle it transitions into the wide, flared shoulder section where the rear LED lights have been made considerably wider and thinner. Especially distinctive is the crease beneath the rear lights that extends across the rear. Under this edge, the rear body draws inward and the upper part of the rear projects more above the bumper than below it. The shoulder line and joint between the body and bumper are picked up by the shaping and light design of the rear lights and continued in the tailgate (available in the wagon). The Passat also features a LED registration plate light at the rear, silver anodized roof rails (available in the wagon) and versions above the 140TDI Highline come with darkened rear LED tail light assembly and enhanced exterior chrome styling cues. The tail light signature is composed of a wavelength contour as well as two horizontal lines of LED light modules.

**Body Colours.** The new Passat comes in a range of exterior colours to complement the cars sophisticated and dynamic style: "Pure White", "Tungsten Silver Metallic", "Indium Grey Metallic", "Night Blue Metallic", "Reflex Silver Metallic", "Harvard Blue Metallic" and "Deep Black Pearl Effect".

#### Weight reduction

**Lighter than before.** The new Passat was created based on the modular transverse matrix (MQB) and overcomes barriers in the progress of vehicle weight reduction measures. The eighth generation Passat weighs less than the previous model and was able to be reduced in weight due to developments made in the chassis, power units, electrics and vehicle body of the new car. The engines used in the Passat also weigh less than the previous model. Aluminium makes the electrical components, electronics and the overall electrical system lighter. Wire gauges were also optimised. Progressive steel construction with ultra-high strength and hot-formed steels reduce the weight of the car body. For the first time in a Passat, aluminium was also used in the body structure. Advanced materials and a new air conditioner lead to weight savings in the equipment area as well.



### More room on an almost identical vehicle footprint: Space inside increased in length by 33mm

Innovative interior with new ventilation layout and powerful  
light staging

A new generation of infotainment systems including App-Connect

With this new generation vehicle, quality and design have taken a leap forward, as the newly developed interior has been completed with premium quality finishes and modern inclusions. The stylish interior of the new Passat offers exceptional levels of comfort along with functional and practical features. The modular transverse matrix has also made it possible to further improve interior space.

**Design details defined.** Sophisticated styling of the new Passat is defined by details such as a new 3 spoke leather multi-function steering wheel, a central analogue clock, large air nozzles for the 3-zone automatic climate control, a dash panel that slopes sharply downwards and continuous slats (some chrome plated) that creates a visual link between the air nozzles. The lean dashboard has a consistent horizontal structure, and the front door panels are stylistically incorporated into this design. The central design element of the dashboard is an innovative air vent that extends across the entire width of the interior like a band and is designed as both a functional and decorative element. The 3-zone automatic climate control allows the driver and front passenger as well as the rear passengers to independently set their own preferred comfort temperature. The temperature is then regulated completely automatically. An enhanced air filtration system improves cabin air and reduces pollen. There are no separately placed air nozzles in the new Passat, as the new vehicle showcases one continuous element that is only interrupted by the instruments and the analogue clock in the middle of the dashboard – consistently unifying form and function. The clear architectural character is created by the impressive length of the chrome fins integrated in the air vents and a decorative panel integrated beneath it. The dimensions of the air vent not only affect the design of the dashboard; they also have a positive effect on climate control performance and ventilation acoustics. A range of upholstery colours and fabrics are also available such as black cloth trim in the 132TSI, black Vienna leather in the 132TSI Comfortline, St Tropez Nappa leather or black Nappa leather in the 140TDI Highline and black Nappa leather with carbon style side bolsters featuring the "R" logo available in the optional R-Line package.

**Driver-oriented architecture.** The new Passat has been built with a driver-oriented design that creates a spacious feeling in the front interior area. Starting from the driver's seating position, the dashboard builds upwards in the space to the two sides of the instruments, inclined slightly towards the windscreen. This creates a spacious feeling as well as an ideal ergonomic environment. The centre console also has an extremely clean layout, is well organised, and the controls are easy to access. The new generation II infotainment system is integrated high on the console and the climate controls are positioned beneath it. As the console between the driver and front passenger has a sporty incline up towards the infotainment system, the gear shift gate is positioned higher, and the gear knob is in an ideal ergonomic position.

### Dimensions

**More room.** The new vehicle has been created with a feeling of lightness and generous space in the interior. Interior length has grown by 33mm and cargo capacity has increased to 650 litres from 603 litres in the wagon and 586 litres from 565 litres in the sedan. When the boot space is filled to the roof, cargo capacity grows to an impressive 1,780 litres

**Cargo space features.** Standard practical features of the new model include a luggage compartment cover with a two stage comfort opening function (available in the wagon), remote unlocking of the 40/60 split rear seat with folding mechanism and a luggage partition net. Shopping bag hooks, load restraint hooks, illumination and a 12V socket also come as a standard features in both the sedan and the wagon.

**Infotainment systems.** The new Passat is launching with Generation II of Volkswagen infotainment systems. The latest generation of this modular information toolkit (MIB II) enables a maximum degree of connectivity in terms of coupling external devices. The premium multifunction displays facilitate an extremely high level of connectivity allowing customers to be more connected than ever before. The new vehicle makes its debut with a 6.5-inch 'Discover Media' system (plus navigation) with a new higher resolution display (compared to the first generation 5.8-inch display), a jpeg viewer and multiple phone connectivity.

The Passat also features the latest version of the 8-inch colour touchscreen 'Discover Pro' infotainment and navigation system that comes equipped with a DVD drive, voice control and an internal hard drive with an impressive 10GB of storage space (available in versions above 132TSI). Features include App-Connect, a Volkswagen branded USB interface integrating Apple CarPlay®, Android Auto™ and Mirror Link®, each providing the display and operation of smartphone apps via the infotainment touch screen. In addition, the systems have been given much faster processors, optimised booting, quicker route calculation and smoother touchscreen performance.

**More innovative navigation.** To add even further features to the new Passat's progressive infotainment systems, a 'rubber band' function is used in the new 'Discover Pro' system. Similar to a tablet, the displayed route can be scrolled and varied by touching a point on the route by hand.



## Standard and optional features

### New Passat available in three model grades: **132TSI, 132TSI Comfortline and 140TDI Highline**

Premium levels of equipment across all three lines

A host of additional features enhance the all-new Passat

Volkswagen has launched the new Passat in three equipment lines: 132TSI, 132TSI Comfortline and 140TDI Highline. Owners will additionally be able to personalise their cars further with the optional packages available that all come with a range of extra convenience and luxury features.

#### Standard features

**132TSI.** Standard exterior features include 17-inch 'Istanbul' alloy wheels with 215/55 R17 self-sealing mobility tyres and LED taillight assembly. Interior features include comfort front seats with ergoComfort driver's seat, front centre armrest with storage compartment, a cooled glove compartment, carpet floor mats (front and rear) and height adjustment for the front seats. All models have a start-stop (generation 2) system and Multi-Collision brake. Convenience features of the Passat 132TSI include, remote central locking with keyless start, 'Discover Media' satellite navigation with 6.5 inch colour touchscreen infotainment unit, App-Connect, a multifunction steering wheel with electromechanical steering, rain sensing windscreen wipers and automatically dimming rear-view mirror, Auto Hold and 3-zone automatic climate control with an enhanced air filtration system to improve cabin air and reduce pollen. The 3-zone automatic climate control allows the driver and front passenger as well as the rear passengers to independently set their own preferred comfort temperature. The temperature is then regulated completely automatically.

**132TSI Comfortline.** Additional features of the Passat Comfortline above the 132TSI entry model include, black Vienna leather upholstered seats with comfort sport front seats, front fog lights with static cornering lights, Keyless Access with Easy Open, Keyless Entry and Starting System (Easy Open only available in the wagon). Also standard is Front Assist with City Emergency Braking, Adaptive Cruise Control, Side Assist, Lane Assist and Rear Traffic Alert. Also included is an 8-inch colour touchscreen 'Discover Pro' infotainment unit and 17-inch 'London' alloy wheels with 215/55 R17 tyres with self-sealing mobility.

**140TDI Highline.** Along with Comfortline features, the 140TDI Highline adds these exterior features: enhanced chrome styling cues, darkened rear premium LED tail light assembly and 18-inch 'Dartford' alloy wheels with 235/45 R18 tyres also with self-sealing mobility. Standard interior features include seats in Nappa leather appointed upholstery with heated seats in the front and Piano Black trim on instrument cluster and gearshift lever surround. Added convenience features include a premium multifunction multicolour display, Driver Profile Selection and an alarm system with interior monitoring, tilt sensor and central locking.



# Safety and Driver Assistance Systems

## New Passat packed with additional safety and convenience features

Multi-collision brake, XDL, RVC and ESP as standard

City Emergency Braking exclusively detects other vehicles

**Overview of standard safety systems.** The new Passat is equipped with the latest technological advancements in passenger vehicle care. Standard in the new car is a Multi-Collision Braking System which automatically initiates braking of the vehicle that has had an accident in order to mitigate a subsequent collision. A rear view camera (RVC) also comes standard in the new Passat, along with front and rear parking distance sensors, Electronic Stabilisation Program (ESP) and an Extended Electronic Differential Lock (XDL). A driver Fatigue Detection system is also available in the new model, which is of particular benefit to Australian customers who typically travel longer distances than other global markets. The new Passat is also equipped with 9 airbags (front driver and passenger, drivers knee airbag, front and rear side airbags and front and rear curtain airbags).

**Park Assist 3 (Available in the Luxury Package).** The newly developed third generation of Park Assist adds the new feature of semi-automatic forward parking into spaces perpendicular to the road. The wide variety of functions of Park Assist 3 provides the driver with optimum assistance in difficult traffic situations, because it makes parking faster and for less experienced drivers more simpler. After pressing the Park Assist button, the driver only needs to activate the accelerator pedal and brake, as Park Assist automatically steers the Passat into the parking space. The system independently detects the type of parking space and initiates the necessary manoeuvre- at the same time, the driver is informed of the operation and given instructions via the multifunction display. The driver can make a manual selection of the desired parking space from the parking spaces that the system has automatically detected. The basic functions of Park Assist have been further improved by the use of what is known as a surroundings map. The system has sensors in all four wheels that detect turning direction. This enables precise locating of the Passat so that it can be parked more precisely than ever.

**Side Assist (Standard in the 132TSI Comfortline and 140TDI Highline. Available in the Driver Assistance Package for 132TSI).** Volkswagen has extended the functional range of its Side Assist driver assistance system by adding the new Rear Traffic Alert. This system can help to prevent serious accidents, as it detects both fast overtaking vehicles and slow vehicles in the blind spot. The system then warns the driver, making overtaking a much safer task. The system alerts the driver to vehicles located alongside the Passat or approaching from the rear by lighting an LED in the exterior mirror housing. When the driver activates the turn indicator in the direction of a detected vehicle, the Side Assist indicator flashes as the next warning stage, which draws the driver's attention to the mirror.

**Lane Assist (Standard in the 132TSI Comfortline and 140TDI Highline. Available in the Driver Assistance Package in 132TSI).** In addition to Side Assist, the camera-based Lane Assist system works when a steering input is made in the direction of a hazard. The warning stage is activated (even if no turn indicator is set) and if the driver begins to change lanes, the vehicle actively counter steers. The driver however still retains control over the assistance system and can override the system with an active steering intervention.

**Rear Traffic Alert (Standard in the 132TSI Comfortline and 140TDI Highline. Available in the Driver Assistance Package in 132TSI).** The Rear Traffic Alert function revolutionises reversing out of parking spaces that are perpendicular to the road. The system is activated by engaging reverse gear and detects vehicles that are approaching from the side. The Rear Traffic Alert's radar-based sensor module detects objects up to 50 metres away. If a collision is imminent, Rear Traffic Alert first outputs a visual warning, followed by an acoustic warning. If the driver does not react appropriately to the situation and there is an immediate risk of a collision, Rear Traffic Alert automatically initiates a braking intervention that can reduce the severity of the accident.

**Front Assist with City Emergency Brake (Standard in the 132TSI Comfortline and 140TDI Highline. Available in the Driver Assistance Package in 132TSI).**

Front Assist is a system for warning the driver and braking automatically if a collision is approaching. One component of the Front Assist system is the City Emergency Braking function. While it is Front Assist that warns drivers against getting too close to the vehicle in front and of any potential collision at higher speeds, City Emergency Braking performs this role in slower urban traffic.

**Safety in the city.** City Emergency Braking is an extension of the Front Assist system and at speeds of up to 65km/h, it monitors the area in front of the Passat. In an emergency, the system instantly and automatically applies the brakes.



# Engines and gearboxes

## More powerful TSI engine and TDI engine

### 132kW and 140kW Passat engines feature BlueMotion Technology as standard

The new Passat is being launched with two new direct injection turbo charged engines with an impressive power output of 132kW for the new more powerful 1.8 litre turbocharged TSI petrol engine and 140kW for the new 2.0 litre turbocharged TDI engine. The Passat's 2.0 TDI develops 140kW (at 3,500 to 4,000rpm). The four-cylinder engine sends 400Nm, the maximum torque, powering in the direction of the six-speed gearbox. Used for the first time at this power level, the engine is set to impress with sporty performance and low fuel consumption. This is achieved with the assistance of BlueMotion Technology which comes standard in the new Passat and includes engine start/stop (generation 2) and brake engine recuperation as well as a coasting function (with Driving Profile Selection), engine thermal management and a Think Blue Trainer. The innovative start/stop system automatically\* stops the engine when you come to a standstill, cutting back on fuel consumption and CO<sub>2</sub> emissions. All it takes to resume driving is to depress the accelerator. (\*Deactivation will not occur in certain conditions). The combined fuel consumption of the new Passat is 6.0L/100km in the 132TSI and 132TSI Comfortline and 4.8L/100km in the 140TDI Highline. All engines are compact, lightweight and strikingly fuel-efficient. Besides the number of forward gears, other technical aspects differentiating the DSG versions include the clutch type. While in the 'small' seven-speed DSG two dry clutches are used, in the six-speed DSG and the 'big' seven-speed DSG the dual clutches run wet in an oil bath.

**Driving profile selection.** A total of four programmes are available in the new Passat's Driving Profile selector: Eco, Sport, Normal and the customisable Individual mode. In the Eco driving profile, the engine controller, air conditioning and other auxiliary units are controlled for optimal fuel economy. The Driving Profile Selector also has modified accelerator pedal characteristics.

**Coasting function.** When in Eco mode the Passat's coasting function further reduces consumption. If a driver releases the accelerator, for example, when drawing up to traffic lights or on downhill stretches, the DSG disengages and the engine idles. This enables optimal utilisation of the Passat's kinetic energy.

**High-tech for greater fuel economy and sporty performance.** In order to reduce the engine's consumption further, the TDI engine has been optimised for minimal internal friction. The measures taken in this regard include the use of piston rings with less pre-tension and of very low-friction bearings for the camshafts and balancer shafts. In the oil circulation loop, energy usage has been optimised by an oil pump with two pressure levels and volumetric flow control. During the warm-up phase, an innovative thermal management system utilises separate cooling circuits for the cylinder head and the cylinder crankcase with a water pump that can be deactivated. The TDI engine gets up to operating temperature far more quickly and in winter the Passat's interior also warms up faster. The Passat's TDI engine is not only fuel-efficient and high in torque, it is also very smooth-running and comfortable.



## Passat chassis now lighter, more comfortable and more dynamic

New 140kW TDI engine

New Passat being offered for the first time with progressive steering

**XDL.** The Passat's XDL system is an extension of the Electronic Differential Lock (EDL) function that is integrated in the ESP - Electronic Stabilisation Program. When cornering, XDL responds to the load relief at the driven wheels on the inside of a corner. The ESP hydraulics are used for the XDL to apply pressure to the wheel on the inside of the corner in order to prevent wheel spin. This improves traction and reduces the tendency to understeer. As a direct result of the one-sided and precise braking pressure, cornering is sportier and more accurate. The new Passat is also equipped with Anti-Slip Regulation (ASR) traction control and Electronic Brake-pressure Distribution (EBD).

**Progressive steering (Available in the R-Line Package).** The new Passat is available with progressive steering to ensure exceptionally agile and secure handling. With the new model, drivers don't need to turn the steering wheel as much to turn to a desired radius. When going around tight bends drivers also don't need to move their hands as often around the wheel. The progressive steering system in the new Passat is being offered in combination with a sports chassis. With progressive steering, it takes 2.1 turns of the wheel to reach the end stop, while without this option it normally takes 2.75 turns. At medium to high speeds, progressive steering enables a more precise and relaxed style of driving. On winding country roads and when turning at junctions, drivers will notice enhanced dynamic performance thanks to the more direct configuration. At low speeds, for example in the city or when parking, the Passat is noticeably easier to handle thanks to the reduced need to turn the wheel. Brake energy recuperation helps to get the most out of the energy that is not being used when driving. During coasting and braking, whenever the driver brakes or takes their foot off the accelerator- the alternator voltage increases, allowing the car battery to recharge. Thanks to the alternator management system and the fact that the battery is therefore optimally charged, the alternator voltage can be reduced, for example when the vehicle is accelerating or driving at a constant speed. This reduces the load on the engine and reduces overall fuel consumption.

## Optional packages

Three optional packages have been developed for customers who want to enhance their new Passat: a Driver Assistance Package, a Luxury Package and an exclusive R-Line Package. Within these packages, Volkswagen has developed a range of optional features to suit a number of lifestyles.

### Driver Assistance Package (132TSI)

Many of the trusted assistance systems of the Passat class can be found in this optional package that includes Adaptive Cruise Control (ACC) with stop and go (DSG), Side Assist, Lane Assist, Rear Traffic Alert and a Driver Profile Selection. The Driver Assistance Package also includes a Front Assist ambient traffic monitoring system with City Emergency Braking (City EB) that detects critical situations with elevated accident potential.

### Luxury Package (132TSI Comfortline and 140TDI Highline)

Offering a range of additional luxury inclusions and features, the optional Luxury Package includes a panoramic glass sunroof, stylish ambient interior lighting, electric foldable mirrors, LED headlights with LED daytime driving lights, a Driving Profile Selection and Park Assist 3.

### R-Line package (132TSI Comfortline and 140TDI Highline)

Volkswagen has also developed an exclusive R-Line package that showcases a range of additional inclusions and stylish features above those available in the Driver Assistance and Luxury Packages. Features of the optional R-Line package include: front sports seats, Nappa leather appointed upholstery with carbon style design side bolsters, leather wrapped multifunction steering wheel with gearshift paddles and R-Line insignia, progressive steering, R-Line logo on radiator grille, R-Line emblem embroidered in crystal grey stitching into the head restraint, front and rear carpet mats with decorative stitching in crystal grey, brushed stainless steel scuff plates and pedal caps, 19-inch 'Verona' alloy wheels (4), lowered sports suspension (15mm), 65% light absorbing dark tinted rear side and rear window glass, black roof lining, and R-Line exterior styling including the front grill, spoiler, side sills and rear diffuser.

