



## Passat | Media / Launch





Passat Highline 1



Passat Highline 2



Passat Highline 3



Passat Highline 4



Passat Highline 5



Passat Highline 6



Passat 118TSI 1



Passat 118TSI 2



Passat 118TSI 3



Passat 118TSI 4



Passat 118TSI 5



Passat R36 1



Passat R36 2



Passat R36 3



Passat R36 4



Passat R36 5



Passat R36 Range 1



Passat R36 Range 2

## **The Passat –** Australian Launch, Canberra, February 2010

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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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## **2010 PASSAT – Revised Range with new entry model and additional features**

The 2010 Passat has taken yet another step forward. This time in the form of a revised engine range, additional features, and most significantly, a new entry price, thereby setting a new benchmark amongst the large well-appointed cars.

The 1.8 litre 118TSI engine with 118kW of power and 250 Nm of torque is now available as the new entry model into the Passat range ensuring remarkable performance combined with superb fuel efficiency. The Passat 2.0 litre 103TDI and the Passat 2.0 147TSI have been discontinued from the model line-up.

The most popular Passat model, the 2.0 litre 125TDI, now enjoys the luxury of a Highline upgrade where distinguishing exterior features include sporty features such as a radiator grille with chrome plated strips, front fog lights and Monte Carlo 17x7 ½” alloy wheels, whilst new interior features include Napa leather appointed upholstery, sports luxury front seats, and brushed aluminium interior decorative trims.

The Passat V6 FSI Highline has also extended its standard equipment list, which combines exterior features such as Chicago 18x8” alloy wheels and sport suspension with technologies such as 12-way electric front seats with 3 position memory for the driver as well as an automatic kerb function on passenger’s side exterior mirror when reversing and Media Device Interface (MDI).

The sporty performance choice in the Passat range, the Passat R36, has been enhanced with dark tinted rear window and rear side windows (65% light absorbing) as well as Media Device Interface (MDI).

These extra features complement the extensive list of standard equipment across the entire Passat range.

In addition, more safety and comfort features are available in the 2010 Passat range. Driver assistance systems such as the “Adaptive Cruise Control (ACC)” with Front Assist for braking distance reduction is offered along with other high-end technologies such as the “Park Assist” parking assistant, “Adaptive Chassis Control” and “Lane Assist”.

The latest version of radio navigation system, the RNS510, is available on the Passat Range. With new auxiliary functions like voice control the system is now even easier to operate.

Pricing in the Passat range starts at \$38,990 for the entry model 1.8 118TSI 7-speed DSG, while the top of the range Passat R36 Wagon with 6-speed DSG is offered from \$66,990.

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## **1.8 litre 118TSI**

The 1.8 litre TSI turbocharged engine combined with the new 7-speed DSG gearbox as standard is the new entry model of the 2010 Passat range. The powerful 1.8 litre engine has an output of 118kW and a torque of 250 Nm (at 4,500 rpm) and accelerates from 0 to 100 km/h in 8.5 seconds (Wagon 8.7). The 118 TSI achieves a fuel consumption average of just 7.7 litres (7.8 Wagon) per 100 km on combined cycle.

## **2.0 litre 125TDI Highline**

The 125TDI Highline comes equipped with the highly innovative piezo pump high-pressure jet injection system and a compensator shaft. The very quiet four valve TDI engine has an output of 125 kW (at 4,200 rpm), a torque of 350 Nm (1750 to 2500 rpm). This engine also features low fuel consumption averaging 6.5 litres (6.6 Wagon) per 100 km on the combined cycle and comes with a standard 6-speed DSG transmission.

## **V6 FSI Highline**

At 6,250 rpm, the V6 engine output is 184 kW and reaches a maximum torque of 330 Nm (from 2750 to 3750 rpm). The V6 engine's features include FSI direct injection system and its advantages are more power, less petrol consumption and less exhaust gas. The Passat V6 FSI Highline accelerates from 0 to 100 km/h in 6.9 seconds (7.2 Wagon) and consumes 10.2 litres (both variants) per 100 km on a combined cycle. The standard equipment of the new Passat 3.2 V6 FSI is its 6-speed DSG transmission and its 4MOTION four-wheel drive.

### **Technology of the 4MOTION system in detail**

The 4MOTION system on the Passat V6 and R36 has an electrohydraulic all-wheel clutch running in an oil bath. Different than on the preceding generation, pressure build up is handled by an electric pump. The multi-plate clutch system itself was integrated in the rear axle drive. The electric pump delivers oil to the pressure reservoir whose working pressure is 30 bar. An ECU computes the ideal drive torque for the rear axle and regulates, via a valve, how much oil pressure is transmitted to the working piston of the multi-plate clutch. In this process, the contact pressure on the clutch plates is proportional to the torque desired at the rear axle. The transferable torque can be continuously varied by the magnitude of the pressure applied to the clutch plates.

Compared to the previous 4MOTION generation, the system operates as a function of slip, since the working pressure is always available. When starting up from a stop and accelerating, slippage of the wheels at the front axle is prevented even more intensively, since the ECU controls torque distribution based on dynamic axle loads. In extreme cases, it is possible to direct nearly 100 percent of the drive torque to the rear axle.

### **R36**

A 220 kW 3.6 litre six cylinder direct injection petrol engine propels the most powerful Passat. As part of the standard equipment the power transmission is managed by a 6-speed DSG transmission and 4MOTION four-wheel drive. In terms of speed, the Passat R36 is one of the fastest Volkswagens, accelerating from 0 to 100 km/h in 5.6 seconds (5.8 Wagon).

The entire Passat range comes standard with the acclaimed Volkswagen DSG transmission. While the 118TSI is offered with 7-speed DSG, all other variants are equipped with 6-speed DSG.

Both DSG versions are characterized by maximum economy and shifting dynamics, which has never been attained to this extent before. Besides having different numbers of forward gears, another way in which the DSGs differ technically is in their clutch types.

While two dry clutches are used in the 7-speed DSG, the dual clutch of the 6-speed DSG runs wet in an oil bath. True of both transmissions: even the most experienced professional drivers cannot even approach a shifting speed of the DSG versions. While the 6-speed DSG shines when paired with torque-strong engines (up to 350 Newton-metre), the 7-speed DSG is especially effective in combination with smaller engines (up to 250 Newton-metre).

# Safety and Security

Sensibly complementing highly effective passive safety elements with increasingly intelligent active safety components make the Passat a safe choice.

A variety of safety features come standard across the entire Passat range making every model in the range an appealing choice. The Passat is equipped with eight airbags (driver and front passenger airbags; driver and front passenger side airbags; outer rear seat passenger side airbags; curtain airbags front and rear) and offers door side impact protection as well as a rigid safety cell with front and rear crumple zones, thus providing passenger safety which is difficult to match.

Convincing Volkswagen safety technologies come to play in every Passat. The standard Anti-lock Braking System (ABS), Electronic Brake-pressure Distribution (EBD) and Brake Assist support the driver in challenging situations. Enhanced traction control is offered through Anti-Slip Regulation (ASR) and the Electronic Stabilisation Program (ESP).

Height adjustable safety optimised head restraints in the front as well as front seat belts with pre-tensioners and belt force limiters guarantee driver and front passenger safety. Rear Passengers are provided with height adjustable head restraints as well as outer rear seat belts with pre-tensioners. Every passenger in the Passat is accommodated with 3 point seat belts.

The Passat was first in its class to incorporate technological safety features such as the push button-operated electromechanical parking brake as standard.

Here electronic control systems work with other control units, allowing the integration of a dynamic emergency braking function, a starting assistant (e.g. for going uphill) and an auto-hold function (stopping at traffic lights without constant brake pedal operation).

The starting and locking system with radio remote control is yet another practical detail which provides safety and comfort for the owner. The conversational ignition key is replaced with a transmitter component for unlocking and locking the central locking system and the engine is started by pressing the transmitter.

The Passat is characterized by its powerful, avant-garde design. The Volkswagen front section with its chrome medallion-shaped radiator grille and its challenging “staring” headlights, the athletic silhouette and powerful rear section design represent a sporty, yet sophisticated, class-transcending vehicle.

A glance into the interior of the Passat shows a clear, fresh and sophisticated design of a striking simplicity, top-quality materials, and a people-oriented technology. Clearly structured functional elements and stylistic simplicity dominate here. The total interior effect produces a space which enthuses as much as it protects.

# Dimensions

The outward design of the Passat demonstrates what applies also to its interior: spaciousness. The Passat Sedan dimensions measure 4.77 metres in length, 1.82 metres in width, 1.47 metres height and its wheelbase 2.71 metres. The boot volume is also of considerable size measuring up to 565 litres (541 litres for V6 FSI and R36).

The Passat Wagon offers even more cargo space and more room for passengers. The storage volume up to the cargo area cover/ bottom edge of the window is 603 litres (588 litres for V6 FSI and R36) with a total volume of capacity of 1,731 litres (1,641 litres for V6 FSI and R36) with the rear seat folded.

To make loading and unloading as easy as possible, the tailgate lifts up to 2.06 metres while the lower edge of the cargo area is only 0.62 metres low. The tall-cargo channel is 0.72 metres. The interior cabin offers headroom of 0.83 metres up to the roof lining, and the width between the wheel cases is 1.0 metre. The area of greatest width in the cargo area is 1.3 metres. Minimum length: 1.13 metres. When the rear bench is folded down flat (standard division of bench 1/3 to 2/3), the size of the cargo area is an amazing 1.96 metres.

The Passat range represents great value for money with a long list of standard features across the entire range.

External standard features include tail lights with LED technology, heat insulated tinted glass, parking distance sensors in front and rear with acoustic and visual warning, coming/leaving home function as well as vehicle speed sensitive intermittent wipers. The Passat Wagon additionally is equipped with chrome roof rails.

Inside all vehicles of the Passat range, the long list of luxurious equipment features continues. The front centre armrest contains a storage box and rear passengers are looked after with an armrest in the centre rear seat, which contains cupholders. This armrest in the centre rear seat at the same time can serve as a load through provision from the luggage area. The folding rear seat backrest can be split (60/40) and offers flexible luggage storage solutions. A full size matching alloy spare wheel also is part of the entire Passat range.

Dual zone climate control, air quality sensors and a dust pollen filter ensure that all passengers travel in comfort. The standard RCD510 AM/FM radio with 6 1/2" touch screen display, MP3 compatible SD card slot and 6 disc CD changer hidden in the dash provides convenient access to the vehicle's audio system. An 8 speaker system (10 speakers on R36) is distributed between the front and back to cater for front and rear passengers.

In order to provide superior driving pleasure across the range, the Volkswagen Passat's features also look after the driver. Standard cruise control, low light sensor with automatic headlight function as well as a height and reach adjustable leather steering wheel with Audio and Multi-Function Display controls all cater for the driver used to superior standards.

The Multi-Function Display (MFDPlus) offers handy information such as driving time, trip length, average speed, average and current fuel consumption, distance till empty and a speed warning function. All Passat models now have the new style instrument cluster and steering wheel similar to the one on the new Golf and Passat CC (Passat R36 has R-range steering wheel).

The most popular Passat model, the 2.0 litre 125TDI, now enjoys the luxury of a Highline upgrade where distinguishing exterior features include sporty features such as a radiator grille with chrome plated strips, front fog lights and Monte Carlo 17x7 ½" alloy wheels, whilst new interior features include Napa leather appointed upholstery, sports luxury front seats, and brushed aluminium interior decorative trims.

The Passat V6 FSI Highline has also extended its standard equipment list, which combines exterior features such as Chicago 18x8" alloy wheels and sport suspension with technologies such as 12-way electric front seats with 3 position memory for the driver, electrically heated, adjustable and electrically foldable door mirrors with memory function, automatic kerb function when reversing and Media Device Interface (MDI).

The sporty performance choice in the Passat range, the Passat R36, has been enhanced with dark tinted rear window and rear side windows (65% light absorbing) as well as Media Device Interface (MDI).

A list of practical options is also available on the Passat range. The acclaimed Volkswagen Park Assist, an automatic opening and closing tailgate (on Passat Wagon) as well as child booster seats integrated into the outer rear seats with lateral cushion support and removable lateral head restraint can be a practical family solution.

Adaptive Cruise Control (ACC) with Front Assist is another available feature. When ACC is activated, the Passat CC automatically brakes and accelerates within a speed range input by the driver beforehand. Thanks to the integrated Front Assist, the system can also prevent some cases of frontal collisions. In advance of certain situations, the system preventively puts the brakes in a preconditioned state, thereby functioning as a stopping distance reduction system. Front Assist also warns the driver of hazardous situations by visual and acoustic signals.

Adaptive Chassis Control is also available in the Passat (standard in the V6 FSI Highline). Adaptive Chassis Control offers three programs: “Normal”, “Sport” and “Comfort”. “Sport” and “Comfort” are selected by a pushbutton to the right of the gearshift lever. Driving characteristics are improved by adaptive chassis controls continually as the suspension constantly adapts to the roadway and the driving situation. The system also reacts to acceleration, braking and steering inputs.

The newest generation of the RNS 510 optionally available in the Passat range can be operated with voice control and without constantly pressing buttons. This device identifies names of places and streets and also short voice commands like “start route guidance” and immediately begins to calculate the route. The RNS 510 can also provide quick and appropriate solutions by giving easily understandable instructions and information.

Lane Assist is the new lane-keeping assistant by Volkswagen and is offered for the first time in the Passat. This active lane keeping system on the Passat automatically counter-steers as soon as it detects that the Passat could leave its lane unintentionally; a genuine gain in convenience and safety.

### **Lane Assist in more detail**

About 14 percent of all accidents involving injuries are caused by a vehicle leaving its driving lane. “Lane Assist” can make a contribution toward reducing this accident rate. The system is activated via the multifunctional display on the Passat with the driver selecting the system under the “Lane Assist” menu item to activate it. As long as the driver does not deactivate the system, from that point forward, “Lane Assist” takes effect starting at a speed of 65 km/h. If the driver sets the turn signal to intentionally change lanes, “Lane Assist” does not intervene.

“Lane Assist” detects lane markings via a camera in the vicinity of the rearview mirror or rain sensor and does not intervene when there are no lane markings. It does not matter whether road lines are continuous or broken as in the case of a center stripe. “Lane Assist” also operates in darkness.

Once “Lane Assist” has been activated, the driver is informed by a yellow indicator symbol in the shape of a driving lane in the instrument cluster. As soon as the camera has acquired the proper lane markings, the symbol lights green and the system is fully activated. As soon as the system indicates that the car is leaving the ideal line, “Lane Assist” counters by steering in the opposite direction.

Counter-steering is very continuous and gentle and if the driver takes his or her hands off the steering wheel entirely, the system detects this and issues a warning, both acoustic and by a text message in the instrument cluster – a so-called request to resume control – and if the driver does not resume steering the system switches itself off after eight seconds.

Similarly, the driver can always “override” the “Lane Assist” steering with just a little force. The lane keeping assistant does not react when the driver activates the turn signal before crossing over a lane marker either. Incidentally, “Lane Assist” functionality is only possible if the car has “controllable” electro-mechanical power steering, such as the Passat has as standard equipment.

# The Passat

## Pricing

### Models

Passat 118TSI Sedan	7-speed DSG	\$38,990*
Passat 125TDI Highline Sedan	6-speed DSG	\$43,990*
Passat V6 FSI Highline Sedan	6-speed DSG	\$55,990*
Passat R36 Sedan	6-speed DSG	\$64,990*
Passat 118TSI Wagon	7-speed DSG	\$40,990*
Passat 125TDI Highline Wagon	6-speed DSG	\$45,990*
Passat V6 FSI Highline Wagon	6-speed DSG	\$57,990*
Passat R36 Wagon	6-speed DSG	\$66,990*

### Options

Metallic Paint (standard R36)	\$700
Pearl Effect Paint (standard R36)	\$700
Electric Glass Sunroof	\$2,000
RNS510 Satellite Navigation System	\$2,500
RNS510 Satellite Navigation System and Dynaudio 600W Premium Audio	\$4,500
Dynaudio 600W Premium Audio System	\$2,000
Media Device Interface (MDI) (standard V6 FSI Highline & R36)	\$300
Rear View Camera (RVC Plus) (Wagon models)	\$700
Park Assist (excludes R36)	\$900
Bi-Xenon Headlights with Dynamic Cornering Lights (standard R36)	\$2,300

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## The Passat

### Pricing

#### Options (Continued)

Electric Front Seats with Memory (standard V6 FSI Highline & R36)	\$1,500
Walnut Wood/Brushed Aluminium Inserts – 118TSI	\$1,000
Walnut Wood/Brushed Aluminium Inserts – 125TDI Highline & V6 FSI Highline	\$500
Anti-theft Alarm System – 118TSI & 125TDI Highline	\$600
Leather Upholstery Package -118TSI	\$3,000
18" Chicago Alloy Wheels (5) with Sports Suspension – 118TSI & 125TDI Highline	\$2,500
Integrated Child Booster Seats (2) (excludes R36)	\$860
Automatic Opening & Closing Tailgate (Wagon models)	\$760
Front Fog Lights – 118TSI	\$500
Adaptive Cruise Control (ACC) with Front Assist	\$2,000
Lane Assist	\$1,000
Dark Tinted Glass in Rear Side & Rear Window Glass (standard R36)	\$500
Adaptive Chassis Control (standard V6 FSI Highline)	\$1,650

*\* Prices are manufacturer list prices only, for the drive away price please contact your local authorised Volkswagen dealer.*