



The New Jetta Range | Media / Launch





Jetta 1.4 118TSI 1



Jetta 1.4 118TSI 2



Jetta 1.4 118TSI 3



Jetta 1.4 118TSI 4



Jetta 1.4 118TSI 5



Jetta 1.4 118TSI 6



Jetta 1.4 118TSI 7



Jetta 1.6 77TDI 1



Jetta 1.6 77TDI 2



Jetta 2.0 125TDI



Jetta 1



Jetta 2



Jetta Interior Cloth



Jetta Interior Leather

The New Jetta Range –

Australian Launch, Yarra Valley, Melbourne, November 2009

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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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The Jetta 2010

Revised range with new engines

The model year 2010 Jetta range has been extended and now offers five attractive engine options catering for all needs. Two petrol engines and three diesel variants make up the new line-up of Jetta models, providing a great value, well equipped mid-size sedan.

The popular 1.6 77TDI engine - recently introduced to the New Golf range - is now also available on the Jetta ensuring low fuel consumption and CO₂ emissions, while offering great performance at the same time. The second new diesel engine is the 2.0 125TDI, which brings high performance and sportiness to the range. The new 7-speed DSG gearbox is now available with the 1.4 118TSI and the 1.6 77TDI Jetta.

Several new features have been introduced to the range to make it even more appealing to customers. Parking distance sensors in the front and rear combined with the Optical Parking System (OPS) come fitted on every vehicle. A new choice of trims give the range an attractive update and are combined with a new steering wheel and revised instrument cluster.

Pricing in the Jetta range starts at \$28,990* for the entry model 1.6 77TDI 5-speed manual, while the top of the range 2.0 125TDI Highline and 2.0 147TSI Highline with 6-speed DSG are both offered from \$38,990*.

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

The Jetta 2010

1.6 TDI with 77kW

The new Jetta 77TDI powered by a sophisticated and efficient new diesel engine can cover 100km with 4.9 litres on the ADR 81/02 combined cycle (with manual transmission). In highway running consumption drops to just 4.3 litres per 100km. The new 1.6-litre common rail injection diesel, shares the same technology as the 2.0-litre diesel with 16-valves and common rail fuel injection. It produces peak power of 77kW at 4200rpm, while maximum torque of 250Nm is delivered between 1500-2500rpm. Fitted with a standard DPF (diesel particulate filter) to reduce particulate emissions, this new engine is not only one of the most efficient but also one of the cleanest diesels available.

2.0 TDI with 125 kW

The 2.0 TDI common rail injection engine added to the Jetta range is equipped with a piezo pump high-pressure jet injection system and two compensator shafts. The very quiet four-valve TDI engine has an output of 125 kW (at 4,200 rpm), a torque of 350 Newton meters and accelerates the Jetta from 0 to 100 km/h in just 8.5 seconds. This engine features low fuel consumption averaging at just 5.9 litres per 100 km.

2.0 TDI with 103 kW

The 103 kW version of the common rail injection TDI is also exceptionally fuel efficient. Driven by this engine, the Jetta 2.0 TDI only needs 6.0 litres of diesel to cover a hundred kilometres. In addition, the TDI shines at practically every engine speed with categorically high torque, since it already provides its maximum torque of 320 Newton-meter starting at 1,750 rpm.

Technology of the 103 kW in detail

Fuel induction in the 1,968 cm³ displacement direct injection turbo-diesel is handled by the latest generation common rail system. Electrically-controlled piezo crystals, assisted by a hydraulic element, inject fuel in fractions of a second. Compared to conventional solenoid valves, piezo technology enables more flexible injection processes with smaller and more precisely metered fuel volumes. This provides a very quiet and pleasant smooth running engine, exceptionally spontaneous response behaviour and low fuel consumption and emissions. Also affecting acoustics in a positive way is the completely maintenance-free toothed belt drive of the camshaft.

1.4 TSI with 118 kW

With the Jetta 118TSI, Volkswagen is offering a four cylinder that is both turbocharged and supercharged and has a power of 118 kW (at 5,800 rpm). Of special interest here is the engine's specific power: the 1.4 litre engine attains 84.3 kW per litre of displacement. Its maximum torque of 240 Newton-meter is already available at a low 1,500 rpm. The 118 TSI achieves a top fuel consumption of 6.6 litres per 100 kilometres (combined cycle with 7-speed DSG). When the 118 kW TSI is paired with the 6-speed manual transmission, fuel consumption is at 6.8 litres. The Jetta 118 TSI DSG can also accelerate to 100 km/h in just 8.5 seconds with either manual or DSG transmission.

Technology of the 118 kW TSI engine in detail

For integration in the Jetta, advance development of this TSI engine was comprehensive. A newly designed induction channel made it possible to eliminate gate switching to control the charge air movement. Noticeable results: optimized torque curve in the lower and middle engine speed range. Furthermore, Volkswagen is implementing a new generation of high-pressure injection valves; thanks to broader atomization of the fuel this leads to improved mixture homogenization and finally to optimized emissions. Especially interesting from a technical perspective is a look at the complementary interaction of supercharger and turbocharger. The supercharger, mechanically driven by a belt, increases the TSI torque at low engine speeds. This is a charging unit based on the Roots Principle.

The supercharger is actuated by a solenoid clutch that is integrated in a module within the water pump. A regulating flap ensures that the flow of fresh air required for the operating point reaches the turbocharger or supercharger. In pure turbocharger mode the regulating flap is open. Then the air takes the familiar path of conventional turbocharged engines via the front intercooler and throttle valve and into the induction pipe. Starting at an engine speed of 3,500 rpm the supercharger turns all of the work over to the turbocharger.

2.0 TSI with 147 kW

Powered by the 2.0 TSI engine, the Jetta turns out to be a veritable sports sedan. The Jetta can reach the 100 km/h mark in just 7.2 seconds, however it is also very efficient. This model is content with average fuel consumption of just 7.8 litres per 100 kilometres. The Jetta 2.0 TSI comes standard with a 6-speed DSG transmission.

The Jetta 2010

The 147TSI, 103TDI and 125TDI engines come standard with the 6-speed DSG gearbox, while the 118TSI and 77TDI engines can be optioned with the 7-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).

The Jetta 2010

The Jetta is marked by especially effective occupant protection systems. One example is a safety chassis that is implemented with standard Anti-lock Braking System (ABS). Additionally the standard Electronic Stabilization Program (ESP) prevents breakaway of the vehicle. Electronic Brake-pressure Distribution (EBD), Anti-Slip Regulation (ASR) and Electronic Differential Lock (EDL) round off the impressive list of safety features standard across the complete Jetta range. This gives the Jetta a successful synthesis of excellent sportiness and impressive comfort and safety qualities.

The level of technology in the passive safety area is also uncompromisingly high: The complete Jetta range comes standard with six airbags, a driver and front passenger airbag as well as a side airbag on each side plus front and rear curtain airbags. There are front safety optimised head restraints to reduce whiplash and height-adjustable head restraints for all three rear passengers.

The Jetta 2010

With a volume of 527 litres, the Jetta offers one of the largest cargo areas in its segment. As a standard feature, the rear seatback is asymmetrically split and folding and thanks to its optimized seatback pivot point it creates a continuous cargo floor when folded. The overall dimensions of the vehicle are 4.54 metres length, 1.78 meters width and 1.46 meters height.

The Jetta 2010

The most dominant design characteristic of the Jetta is its front end with radiator grille designed in chrome. Stylistically, the V-shape radiator grille shows an affinity to the larger Passat. Also distinctive at the rear end: stylistically it also follows current Volkswagen design lines, and offers fast reacting LED lamps - the LED technology clearly exceeds conventional taillights in their lighting efficiency. In parallel, the dynamic appearance of the four door sedan is supported by its powerful side profile.

The Jetta 2010

The entire Jetta range comes standard with a range of unique alloy wheels. The entry model 77TDI Jetta comes with 16" Toronto wheels, the 118TSI and 103TDI are equipped with 16" Sedona alloy wheels. The top of the range 147TSI Highline and 125TDI Highline Jettas come with the sporty 17" Porto alloy wheels.

The Highline versions of the Jetta (125TDI and 147TSI) can be identified by a range of features. On the outside, the body coloured lower front and rear bumper trim as well as a standard Sports suspension with 15mm lowered ride height give it a sporty appearance. On the inside, the standard RCD510 radio with 6 1/2 inch touch screen display, MP3 compatible SD card slot and 6 disc CD changer together with a total of 10 speakers in front and rear ensure superior sound quality. Additional 'Matt Chrome' inserts in the dashboard and doors highlight these two models. Rounding off the sportiness of these two Jetta models are the front sports seats with Sports alcantara/ cloth combination seat upholstery.

The entire Jetta range now comes standard with front and rear parking sensors with acoustic warning to assist drivers. In addition to that, the Optical Parking System (OPS) display for both available audio systems RCD310 and RCD510 now forms part of the standard features.

The revised instrument cluster design with white illumination and a new steering wheel complement the updated variety of seat trims and decorative trims now available on the Jetta range.

A range of optional packages offer great value additions to various models in the Jetta range.

The Comfort Package (available on 77TDI) offers dual zone automatic climate control, an automatic dimming interior rear-view mirror together with low light sensors and the coming / leaving home function. On top of that, the package contains foot well illumination for driver and front passenger as well as rain sensing windscreen wipers.

The Sports Package (available on 77TDI, 118TSI and 103TDI) consists of 17" avignon alloy wheels, 65% light absorbing dark tinted rear side windows and rear window, front fog lights and sports suspension.

The 147TSI Highline and 125TDI Highline Jetta can be optioned with a separate Sports Package, which offers 18" Charleston alloy wheels and 65% light absorbing dark tinted rear side windows and rear window.

For further information:

Karl Gehling, General Manager, Press & PR

Telephone (02) 9695 6003 Mobile 0409 138 069

Nadine Nethery, Public Relations Specialist

Telephone (02) 9695 6010 Mobile 0438 455 019

Jenny Wu, Public Relations Representative

Telephone (02) 9695 6004 Mobile 0438 455 023

The Jetta 2010

Pricing

Models

Jetta 1.6 77TDI	5-speed manual	\$28,990*
Jetta 1.6 77TDI	7-speed DSG	\$31,490*
Jetta 1.4 118TSI	6-speed manual	\$30,990*
Jetta 1.4 118TSI	7-speed DSG	\$33,490*
Jetta 2.0 103TDI	6-speed DSG	\$35,990*
Jetta 2.0 147TSI Highline	6-speed DSG	\$38,990*
Jetta 2.0 125TDI Highline	6-speed DSG	\$38,990*

Options

Metallic / Pearl Effect Paint	\$700
Electric Glass Sunroof	\$1,900
RNS510 Satellite Navigation (77TDI, 118TSI, 103TDI)	\$3,000
RNS510 Satellite Navigation (147TSI & 125TDI Highline)	\$2,500
Media Device Interface	\$300
Comfort package (77TDI)	\$1,000
Vienna leather upholstery (77TDI, 118TSI, 103TDI)	\$3,300
Vienna leather upholstery (147TSI & 125TDI Highline)	\$3,000
Leather with electric driver's seat (77TDI, 118TSI, 103TDI)	\$4,000
Leather with electric driver's seat (147TSI & 125TDI Highline)	\$3,700
Bi-xenon Headlights	\$1,900
Sport package (77TDI, 118TSI, 103TDI)	\$2,300
Sport package (147TSI & 125TDI Highline)	\$2,000
Front Fog Lights	\$400
Anti-theft Alarm System	\$600

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International Engine of the Year Award 2009

Hattrick for Volkswagen TSI technology

Wolfsburg/Stuttgart, 17 June 2009: Volkswagen has achieved its greatest success to date in the international engine technology competition with the 1.4 litre TSI engine. Besides the “International Engine of the Year” award, the twincharged TSI also earned the titles “Best Green Engine 2009” and “Best Engine” in the 1.0 to 1.4 litre engine category. Dr. Rüdiger Szengel, Head of Volkswagen Petrol Engine Development, accepted the awards today in Stuttgart.

“The engines with TSI technology that we are building in the cars of today are well-equipped for the future. Their combination of reduced displacement, direct injection and intelligent engine boosting enables top dynamic performance while keeping emissions and fuel consumption low. Winning awards in three key categories is really a compliment to our development team. TSI engines are genuine trendsetters. So far, we have built nearly 2.3 million units worldwide,” states Dr. Rüdiger Szengel.

The supercharged and turbocharged TSI engines are some of the most efficient petrol engines today. The “International Engine of the Year” jury composed of 65 journalists from 32 countries saw it that way too: “Volkswagen not only attained an overall victory, but also won the ‘Best Green Engine’ award. This shows that driving fun and fuel efficiency can certainly be unified in one package.”