



Aus Liebe zum Automobil

## Volkswagen Touareg





**Welcome to the world of the Touareg:  
149 million square kilometres of adventure.**











**Touareg philosophy: combine luxury sedan comfort, driving exhilaration and all-terrain ability.**



Driving a Touareg means never having to decide again. Not between advanced on-road performance and extreme off-road ability. Don't choose between luxury sedan comfort and superior cross-country mobility. Nor select between easy handling and an exciting driving experience. The Touareg is the choice for unlimited experiences, no matter which route you take.

All roads, or no roads, the Touareg will bring a smile to your face wherever you venture.

The Touareg range is the only thing you'll need to contemplate, with six models to choose from – the V6 and V6 Luxury, the R5 TDI and R5 TDI Luxury, the V8 and the range-topping V10 TDI.



**Climb a 45° slope, cross a stream up to 58 centimetres deep,  
and enjoy your favourite mountain roads.**





V10 TDI



## Inside: an atmosphere of luxury.

Looks can be deceptive and the Touareg is living proof. Powerful and extroverted from the outside, the Touareg provides a calm and tranquil inner cabin.

More than simply a pinnacle in all-terrain performance, the interior of the Touareg has luxury saloon pedigree. Built using only the finest and most elegant of materials, the Touareg range offers the grace of wood finishes with the luxury of leather and the class of brushed alloy and chrome.

The subtle use of interior lighting and textured finishes combine to accentuate the stylish interior design.

Ergonomics dictate the clear and intuitive layout of controls and displays. The **steering wheel controls** can be used to operate the **multi-function trip computer** positioned between the main dials, as well as the cruise control and audio functions.





Standard **2 zone climate control** air-conditioning allows the driver and passenger to control the temperature in their own individual space, while the optional 4 zone system (standard on V10 TDI) allows each quarter of the cabin to be individually adjusted.

**In-car entertainment** is supplied by the premium sound system with single CD player and 10 speakers. A six-disc CD changer is standard on V8 and V10 TDI models.

Wherever your destination, the optional **satellite navigation** (standard on V10 TDI) will guide you there. Whether you are heading for a five-star city hotel or a rural retreat, satellite navigation will choose the most appropriate route.







## **First class comfort for five people plus luggage, and a towing capacity that is first class too.**

11

The Touareg is immensely practical. With the rear seats upright, the Touareg has **550 litres of luggage space** available, but drop down the rear seats and that almost trebles to a spacious 1,525 litres. The retractable luggage net system lets you transport your belongings safely.

If you are driving a model with **air suspension** (optional on V8, standard on V10 TDI), the Touareg will automatically select the most appropriate suspension setting to suit the load.

When it comes to **loading and unloading**, the Touareg features a design that allows the rear window to be opened independently of the tailgate itself. For maximum loading convenience, the Touareg can be lowered to a ground clearance of just 160mm when fitted with air suspension (optional on V8, standard on V10 TDI).

If further proof were needed of the Touareg's capability, consider its towing capacity – up to a massive **3,500kg\* on all models**.

\*conditions apply



Engine	V6	R5 TDI	V8	V10 TDI
Type	6 cyl 15° 'V' petrol	5 cyl in-line turbo diesel	8 cyl 90° 'V' petrol	10 cyl 90° 'V' bi-turbo diesel
Installation	Front longitudinal	Front longitudinal	Front longitudinal	Front longitudinal
Cubic capacity, litres/cc	3.2/3189	2.5/2460	4.2/4172	5.0/4921
Bore/stroke, mm	84.0/95.9	81.0/95.5	84.5/93.0	81.0/95.5
Max power, kW @ rpm	177 @ 6200	128 @ 3500	228 @ 6200	230 @ 4000
Max torque, Nm @ rpm	310 @ 3200	400 @ 2000	410 @ 3000	750 @ 2000
0 – 100km/h	9.8	12.9	8.1	7.8
Top speed, km/h	202	179	218	225
Combined, L/100km	13.8	10.1	14.8	12.3



## **Engines designed for mountainous peaks, highways and everything in between.**

Whether you are cruising down a motorway or going off-road, it's reassuring to know you have plenty of power in reserve. With the Touareg you have a choice of two petrol engines and two diesel engines, each sharing a common goal – power and torque to ensure acceleration and performance throughout the rev range. The R5 TDI and V10 TDI represent the very latest in Volkswagen's acclaimed diesel technology – efficient, powerful and clean.

### **V6**

In any situation, the 177kW V6 engine provides strong performance. Developing peak torque of 310Nm at 3200rpm, it can accelerate from standstill to 100km/h in 9.8 seconds. Top speed is an impressive 202km/h, where the law permits.

### **R5 TDI**

The R5 TDI is a 2.5 litre in-line turbo diesel engine with advanced pump injection technology, representing Volkswagen's new generation of diesel powerplants. Maximum torque is 400Nm from only 2000rpm and peak power is 128kW at 3500rpm. Fuel consumption is a remarkable 10.1L/100kms\*, providing a range of up to 990kms on one tank of fuel.

### **V8**

Sports car performance and all-terrain capability is combined in this powerful 228kW V8 engine. Maximum torque of 410Nm propels the V8 to 100km/h in a rapid 8.1 seconds on its way to a top speed, where the law permits, of 218km/h. A carefully tuned exhaust system ensures the Touareg V8 provides an enthusiastic engine note.

### **V10 TDI**

The V10 TDI has redefined what a diesel engine can achieve, which is not surprising from a twin-turbo V10 that develops 230kW of power. An incredible 750Nm of torque is available at just 2000rpm. From standstill, 100km/h will be reached in a mere 7.8 seconds and where the law permits, a top speed of 225 km/h. Even with such performance, fuel consumption is only 12.3L/100kms\*.

\*Fuel consumption figures according to Australian Design Rule (ADR) 81/01.



## Volkswagen Turbo Diesel: technology you can appreciate.

### **TDI**

Volkswagen Turbo Diesel Injection (also known as TDI) provides customers with the best of both worlds – the refinement, performance and cleanliness of a petrol engine with the economy of a diesel.

### **Economy**

Volkswagen TDI engines use approximately **30% less fuel** than an equivalent size petrol engine. This fuel efficiency provides much lower running costs.

### **Environment**

From an environmental perspective, Volkswagen diesel engines produce considerably **less CO<sub>2</sub> emissions** than an equivalent size petrol engine. When you consider that the diesel engine is also using less fuel at the same time, there is a greatly reduced impact on the environment.

### **Performance**

A characteristic of Volkswagen TDI engines is the abundant amount of torque available at very low revs. This provides improved 'drive-ability' and flexibility. In practical terms, the large amount of torque makes hills and traffic easy to negotiate.

- The Volkswagen V10 TDI is one of the world's most powerful series-production passenger car diesel engines, with an amazing **750Nm of torque** and completes the 0–100km/h sprint in just in 7.8 seconds.
- In 2005, the **Volkswagen Race Touareg 2.5 TDI** proved its performance and reliability by being the first diesel car to ever finish on the podium in the world's toughest motorsport event, the Dakar Rally.



**Convenience**

Volkswagen diesel engines will travel much further on a tank of fuel than an equivalent sized petrol engine. The R5 TDI can travel up to a remarkable 990kms per tank\*. A greater fuel range means fewer trips to the petrol station.

**Refinement**

The advanced technology incorporated in Volkswagen turbo diesel engines provides a high level of refinement and quietness.

\*This is combined city/highway driving as per the Australian Standard ADR 81/01.













## Safety: protected inside and out.

Driving can create many unforeseeable situations on or off road. For this reason, safety features were high on the agenda when it came to developing the Touareg.

To begin with, the construction of the Touareg provides great strength and rigidity. This has been achieved through steel tubes in the side sills, the use of high strength steel, laser welding to the seams and overall galvanising. Through extensive crash testing, the body shell has been designed with extremely high built-in energy absorption at the front end. Should a frontal crash occur, the resulting forces are diverted around the safety zone, to provide extensive protection against occupant injuries.

The interior is equally blessed with extensive safety features including **six airbags** – two in the front, two at the side (front seats) and curtain airbags, front and rear for additional protection from side impacts.

All passengers are protected by 3-point seatbelts. The front and outer-rear seatbelts feature **height adjustment** and also incorporate **pre-tensioners** for added safety.

In November 2004, the Volkswagen Touareg was awarded the highest possible score within the internationally recognised Euro NCAP safety tests, a total of **five Euro NCAP stars** for frontal and side impact.

**Pedestrian protection** measures have also been incorporated, including an aluminium engine bonnet with improved deformation characteristics as well as self-regenerating plastic bumpers and front guards, which help reduce the risk of pedestrian injuries.



\*Award source: 2004 Volkswagen Touareg awarded the maximum “5 star” Front and side impact rating, by independent European motor vehicle safety assessment organisation Euro NCAP (European New Car Assessment Programme).



## Complex systems for active protection.

The Touareg is designed with intelligent regulating systems that make it easy to handle on and off road while providing a high level of 'active safety'.

To begin with, there is the proven safety of an **Anti-lock Braking System (ABS)**, which prevents the wheels locking during braking, thereby allowing you to steer around a potential hazard. To complement this, **Electronic Brake-pressure Distribution (EBD)** proportions braking pressure between the front

and rear wheels to ensure optimum braking effect, especially with a load in the vehicle. The **Brake Assist** feature identifies an emergency stop and immediately boosts braking pressure to its maximum level, to reduce the stopping distance.

With **Electronic Stabilisation Program (ESP)**, sensors detect the onset of oversteer or understeer and help restore the Touareg to its chosen path. It also helps to suppress skids as soon as they begin.



EDL

ASR

EBC



There's also **Anti-Slip Regulation** (ASR) that prevents the driven wheels from spinning by intervening in the engine management system and reducing power when necessary.

On loose or slippery surfaces, you can rely on the **Electronic Differential Lock** (EDL) to help improve traction. If a wheel starts to spin, the brake is applied and the tractive force is then diverted to the other wheels via the differential.

Finally, **Engine Braking Control** (EBC) is designed to prevent the driven wheels from locking if the accelerator is lifted suddenly, or the vehicle is braked sharply because a low gear is engaged.



## Created to be the pinnacle in all terrain performance.

There's an easy way to discover the difference between the new Touareg and a conventional four-wheel-drive – through your fingertips. Just a simple turn of the control and you can adjust the **air suspension** settings to suit the driving conditions (standard on V10 TDI and optional on V8).

The chassis is complemented perfectly by the remarkably smooth transmission: a **six speed automatic** which employs **Dynamic Shift Program (DSP)** that modifies the shift points to match individual driving styles. It assesses several criteria including accelerator and brake movement, trailer weight (if fitted), uphill or downhill gradients and gearshift frequency. Alternatively, should you prefer more involvement, you can override gear changes manually through the **Tiptronic** gear lever, or on



Overseas model shown



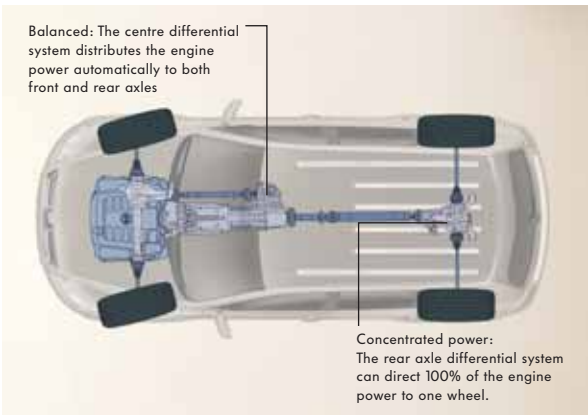


the V8 and V10 TDI models the ‘racing style’ paddles mounted behind the steering wheel.

Off-road, the Touareg is entirely in its element due to its advanced 4XMOTION permanent four-wheel drive system. In normal situations, the torque is split 50:50 between the front and rear axles, but remarkably, the Touareg can automatically direct 100% of the torque to a single wheel should the conditions prove that demanding.

As you would expect of a true off-road performer, you can choose to lock either the centre or optional rear differential manually – for absolute predictability. With a maximum ground clearance of 237mm (300mm with air suspension) the Touareg has outstanding off-road ability.

Air suspension is standard on V10 TDI (optional on V8) and features automatic self-levelling and variable ride height. It has **Continuous Damping Control (CDC)**, which takes effect according to road speed and driving conditions. Using electronic damping control, body pitch and roll are minimised for greater stability and comfort.











**4XMOTION: Sophisticated four-wheel drive  
to broaden your horizons.**



**From Kakadu to Kosciuszko, Touareg will take you there and get you back again.**

**Optional rear wheel carrier**

The Touareg can be ordered with an optional spare wheel carrier. The hinged carrier is constructed of alloy, is lockable for security, and includes an alloy spare wheel to match your vehicle.







**01. Approach and departure angles: 28 degrees** The height of the bumper has exceptional clearance allowing steep angles to be easily overcome. With air suspension the clearance increases to 33.2 degrees front and 33.6 degrees rear.

**02. Breakover angle: 27 degrees**

Thanks to the high ramp angle, the Touareg is an accomplished off-roader on the most uneven surfaces. On models without air suspension, the ramp angle is 22.1 degrees.



**03. Wading depth: 580mm** Even at depths of 580mm the engine and interior are protected from water. On models without air suspension, the wading depth is 500mm.



**04. Side slope angle: 35 degrees** Even driving at angles up to 35 degrees the Touareg retains traction. This allows reversing and turning on steep inclines.



**05. Climbing capability: 45 degrees** The Touareg can handle extreme inclines allowing you access to places you've never ventured before.







# Owning a Volkswagen

## Volkswagen New Vehicle Warranty

Every new Volkswagen passenger vehicle is covered by a 3-year/100,000km (whichever occurs first) manufacturer's warranty, which includes Volkswagen Assist (24hr roadside assistance). Every new Volkswagen passenger vehicle is also covered by a 3-year paintwork and 12 year anti-corrosion perforation warranty.

## Volkswagen Assist – Prestige

As a customer you can be assured that wherever you travel in Australia you will have access to roadside assistance 24 hours a day, 365 days a year. You will receive help in the event of a breakdown or accident and if required, your vehicle will be mobilised or transported to a Volkswagen authorised workshop.

As a Volkswagen owner you will also have access to the additional benefits of accommodation and car rental if your vehicle cannot be mobilised within 24 hours when you are travelling away from home. Furthermore, you can enjoy the benefits of Volkswagen Assist's concierge service for Australia-wide travel booking.

## Ask about your finance options such as:

- Advantage Leasing
- Personal Contract Plan
- Select Purchasing

## Ask about your insurance options with Volkswagen Financial Services such as:

- Volkswagen Motor Vehicle Cover
- Volkswagen Personal Equity Cover (Loan Protection Insurance)
- Volkswagen Asset Equity Cover

## Ask about Volkswagen Financial Services only at your participating authorised Volkswagen dealer.

## Glossary

### 4XMOTION

The power of the Touareg engine is transmitted to the wheels via the continuous 4XMOTION four-wheel drive system. This flow of power is handled by a transfer gearbox, which includes off-road reduction. The 4XMOTION system also includes a locking central differential.

In normal situations – dry road, even grip, constant engine power – the four-wheel drive is distinguished by a symmetrical, 50:50 distribution of power to the front and rear axles. But as soon as a wheel begins to slip, the multi-disc lock of the central differential increases the flow of power (up to 100%) to one axle in order to provide more grip. A four-wheel EDL (Electronic Differential Lock via braking) also supports this adjusted power distribution.

### Anti-lock Braking System (ABS)

When braking, wheel speed sensors measure the road wheel speed and should one or more wheels start to lock the ABS system reduces brake pressure to that wheel. This prevents the wheels from locking during heavy or emergency braking, enabling the vehicle to remain steerable.

### Electronic Brake-pressure Distribution (EBD)

Electronic, more sophisticated means of regulating the ratio of front/rear brake pressure. Settings are varied according to driving and load conditions to ensure each wheel is braked to the optimum extent.

### Brake assist

During emergency braking, Brake assist aids the driver by increasing the brake pressure automatically to a level exceeding the locking limit. The ABS is thus quickly brought into the operating range, which enables maximum vehicle deceleration to be achieved.

### Electronic Differential Lock (EDL)

EDL improves driving and steering characteristics when accelerating on road surfaces where each wheel has a different degree of traction. The system operates automatically and is combined with the ABS system. Using the ABS wheel sensors, EDL monitors the speed of the individual driving wheels. When a difference in driving wheel speed is detected (i.e. when one wheel starts to spin due to differences in road surfaces, e.g. due to water or dirt) the system brakes the spinning wheel, transferring engine power to the wheel with the best traction. EDL is active on both front and rear axles in forward and reverse and operates up to 40km/h.

### Anti-Slip Regulation (ASR)

ASR is a switchable traction control system that prevents the wheels from spinning under acceleration by reducing engine torque. It is active at speeds above 40km/h.

### Electronic Stabilisation Program (ESP)

ABS, EDL and ASR traction control systems are integrated into the Electronic Stabilisation Program (ESP). In short, ESP helps ensure that the vehicle goes where you steer it even in extreme driving conditions. The ESP system constantly compares the actual movement of the vehicle with pre-determined values and should a situation arise where the vehicle starts to skid, ESP will apply the brakes to individual wheels and automatically adjust the engine's power output to correct the problem. ESP prevents the vehicle from losing control when trying to avoid an accident, for example. It also prevents spinning off on a curve due to either understeer or oversteer.

### Engine Braking Control (EBC)

Prevents the driven wheels from locking if the accelerator is lifted very suddenly or the vehicle is braked sharply because a low gear is engaged.

### Hill descent assistance

Ensures by means of controlled brake applications that the vehicle does not go out of control when descending a steep hill. Hill descent assistance will only operate in low range.

### Hill holding assistance

The Hill holding assistance comes into effect when stationary on steep inclines and applies the brakes as necessary to prevent the vehicle rolling back; it acts in conjunction with the Brake assist.



Volkswagen is distributed by Volkswagen Group Australia Pty Ltd, The Lakes Business Park, 6 Lord St. Botany, NSW 2019. ABN 14 093 117 876. Specifications are as planned at October 2005 and are subject to change without notice or obligation. Cars and accessories are shown for illustrative purposes only and may not depict Australian specifications. All Volkswagen approved parts and accessories are warranted for 2 years/unlimited kilometres. All warranties implied by legislation or otherwise, are excluded to the maximum extent permitted by law. The liability of Volkswagen shall, subject to the law, be limited at Volkswagen's discretion: 1. In the case of the goods, the repair or the cost of repair, or the replacement or the cost of replacement; and 2. In the case of services, the re-supply of the services or the cost of re-supply of the services. All information in this brochure is correct at time of publication, however variations may occur from time to time and Volkswagen, in so far as it is permitted by law to do so, shall not be liable in any way as a result of any reliance by any person on anything contained in this brochure. The colours shown in the brochure are indicative only and may vary from actual items owing to the printing process. Authorised Volkswagen dealers will provide up-to-date information on model application, design feature, prices and availability on request.

Volkswagen Insurance & Volkswagen Extended Warranty are provided by Allianz Australia Insurance Limited (Allianz), AFS Licence No. 234708, ABN 15 000 122 850. In arranging this insurance Volkswagen Financial Services Australia Limited, ABN 20 097 071 460 & Volkswagen Group Australia Pty Ltd, ABN 14 093 117 876 and the authorised dealers act as agents of Allianz and not as your agent. Volkswagen Finance is a trading name of Volkswagen Financial Services Australia Limited. Locked Bag 5009, Alexandria NSW 2015. Tel: 02 9695 6311.



**Aus Liebe zum Automobil**

# **Volkswagen Touareg**