



		V6 FSI	V6 TDI	V10 TDI	R50
<b>Safety and Security</b>					
Airbags	Driver and front passenger airbags	S	S	S	S
	Driver and front passenger side airbags	S	S	S	S
	Curtain airbags, front and rear	S	S	S	S
	Rollover sensor system	S	S	S	S
Anti-theft	Anti theft alarm system for doors, bonnet, boot, interior and tilt sensor	S	S	S	S
	Engine immobiliser (rolling code)	S	S	S	S
Body	Aluminium bonnet	S	S	S	S
	Door side impact protection	S	S	S	S
	Fully galvanised, unitary constructed body with rigid safety cell and front and rear programmed crumple zones	S	S	S	S
	Front guards made from impact absorbing polycarbonate	S	S	S	S
	12 year anti-corrosion perforation warranty	S	S	S	S
Brakes	Anti-lock Braking System (ABSplus)	S	S	S	S
	Electronic Brake-pressure Distribution (EBD)	S	S	S	S
	Brake Assist	S	S	S	S
	Foot operated parking brake	S	S	S	S
Child restraint	Child seat anchor points mounted on rear seat (3)	S	S	S	S
Fog lights	Front fog lights, mounted in lower bumper	O	O	S	S
	Rear fog lamp	S	S	S	S
Head restraints	Front safety optimised head restraints, height adjustable	S	S	S	S
	Rear adjustable and removable (3)	S	S	S	S
Locking	Remote central locking with deadlock mechanism	S	S	S	S
	Keyless access system with engine start button	-	-	S	S
	2 stage unlocking (programmable)	S	S	S	S
	Automatic locking after takeoff (programmable)	S	S	S	S
	One touch lock / unlock for driver and front passenger	S	S	S	S
	Electrically operated child safety lock for rear doors	S	S	S	S
Seat belts	Front and outer rear height adjustable	S	S	S	S
	Front electrically height adjustable with memory function	-	-	S	S
	Pre-tensioners for front and outer rear passengers	S	S	S	S
	Belt force limiters for driver and front passenger	S	S	S	S
	Warning buzzer and light for driver and front passenger seat belts not fastened	S	S	S	S
	3 point seat belts for all passengers	S	S	S	S
Traction control	Anti-Slip Regulation (ASR)	S	S	S	S
	Electronic Differential Lock (EDL)	S	S	S	S
	Electronic Stabilisation Program (ESP) with active rollover protection function	S	S	S	S
	Engine Braking Control (EBC)	S	S	S	S
	Hill descent and hill holding assistance	S	S	S	S
4XMOTION	Permanent four wheel drive	S	S	S	S
	Transfer gearbox with low range off-road ratio	S	S	S	S
	Centre differential with an electrically operated differential lock	S	S	S	S
<b>Exterior Equipment / Styling</b>					
Body enhancements	Radiator grille and lower bumper centre air intake surround in chrome	S	S	S	S
	Frame of radiator grille in matte chrome	S	S	S	S
	Chrome trim on side windows, rear bumper step and lower door panels	S	S	S	S
	Lower bumper outer air intake horizontal bars with chrome trim	-	-	S	-
	R50 design package consisting of front and rear bumpers in 'R' sports design, body side lower sill extensions, wheel arch extensions, dual chrome oval exhaust tailpipes and R50 badges front and rear	-	-	-	S
	Side steps	A	A	A	-



Exterior Equipment / Styling (cont'd)		V6 FSI	V6 TDI	V10 TDI	R50
Glass	Heat insulating tinted glass	S	S	S	S
	Rear side windows and rear window dark tinted glass, 65% light absorbing	O	O	O	S
Paint	Metallic or Pearl Effect paint finish	O	O	O	S
Protection	Bonnet protector	A	A	A	A
	Headlight protector	A	A	A	A
	Mudflaps, front	A	A	A	A
	Mudflaps, rear	S	S	S	A
	Slimline weather shields	A	A	A	A
Roof	Roof rack guide rails, Black	S	S	-	-
	Roof rack guide rails, Chrome	-	-	S	-
	Roof rails with roof profile strips, Chrome	O	O	O	S
	Roof cross bars	A	A	A	A
	Bicycle, ski, surfboard and kayak holders	A	A	A	A
	Luggage rack	A	A	A	A
	Ski and luggage box (450 litres)	A	A	A	A
Wheels	Alloy wheels (Makalu) 17 x 7½" with 255/60 R17 tyres	S	S	-	-
	Alloy wheels (Tangis) 17 x 7½"	A	A	A	-
	Alloy wheels (Karthoum) 18 x 8"	A	A	A	-
	Alloy wheels (Namib) 19 x 9"	A	A	A	-
	Alloy wheels (Terra) 19 x 9" with 275/45 R19 tyres	-	-	S	-
	Alloy wheels (Omanyt) 21 x 10" with 295/35 R21 tyres	-	-	-	S
	Anti-theft wheel bolts	S	S	S	S
	Weight and space saving steel spare wheel	S	S	S	-
	Tyre mobility set, 12-volt compressor and tyre sealant	-	-	-	S
	Tyre pressure monitoring system	-	-	S	S
<b>Comfort and Convenience</b>					
Armrests	Front centre armrest, adjustable with integrated storage compartment	S	S	S	S
	Rear seat centre armrest, foldable	S	S	S	S
Boot sill protection – stainless steel		S	S	S	S
Climate control air-conditioning	Dual zone climate control air conditioning	S	S	-	-
	4 zone climate control dual air conditioning	O	O	S	S
	Air quality sensor with automatic air recirculation	S	S	S	S
	Dust and pollen filter	S	S	S	S
Cruise control		S	S	S	S
Cup holders	Front (2)	S	S	S	S
	Rear (2)	S	S	S	-
Floor mats	Front and rear, carpet	S	S	S	S
	Front and rear, rubber	A	A	A	A
Fuel filler flap	Electrically operated via switch on drivers door	S	S	S	S
Grab handles	Soft fold away grab handles	S	S	S	S
Headlights	Halogen headlights with clear lightweight polycarbonate lenses	S	S	-	-
	Bi-xenon headlights for high/low beams with dynamic cornering lights, automatic self levelling and headlight cleaning system	O	O	S	S
	Low light sensor with automatic headlight function	S	S	S	S
	Coming / leaving home function	S	S	S	S
	Headlight-on warning buzzer	S	S	S	S
In car entertainment and technology	AM/ FM radio, theft deterrent warning light and security coding	S	S	S	S
	CD player, in dash	S	S	S	S
	6 disc CD changer, mounted in luggage area	S	S	S	S
	10 speakers, front and rear	S	S	-	-
	Volkswagen sound package – 8 channel amplifier with 11 speakers	-	-	S	S
	Antenna mounted in side rear window	S	S	S	S
Bluetooth® hands free phone kit	A	A	A	A	



**Comfort and Convenience (cont'd)**

		V6 FSI	V6 TDI	V10 TDI	R50
Instrumentation	Speedometer and tachometer, electronic odometer and tripmeter, service interval display, digital clock, fuel, voltage, coolant & oil temperature gauges and low fuel warning light	S	S	S	S
Interior highlights	Walnut ornamental wood/brushed aluminium inserts in dashboard, console and doors	S	S	S	-
	Engine spin/brushed aluminium inserts in dashboard, console and doors	-	-	-	S
	Chrome trim surrounding instrument dials and gear lever	S	S	S	S
	Door sill trim with metal inlay, R50 with logo	-	-	S	S
	Aluminium accelerator and brake pedals, R50 with 'R' flags	-	-	S	S
	Leather gear shift knob with aluminium insert	S	S	S	S
Interior lighting	Passenger reading lights, front and rear with time delay	S	S	S	S
	Illuminated interior door release handles and adjustable passenger foot wells, front and rear	S	S	S	S
	Exit lighting on all doors	S	S	S	S
Luggage compartment	Luggage compartment cover and net partition, retractable	S	S	S	S
	Luggage compartment lights and load restraining hooks	S	S	S	S
	Luggage compartment protection – moulded foam inlay, plastic tub or anti-slip moulded plastic	A	A	A	A
	Luggage net	A	A	A	A
Mirrors	Automatic dimming interior rear-view mirror with dashboard lighting	S	S	S	S
	Electrically adjustable, foldable and heated exterior mirrors	S	S	-	-
	Electrically adjustable with memory function, foldable and heated exterior mirrors, automatically dimming on driver's side	-	-	S	S
	Automatic kerb function when reversing, passenger's side exterior mirror	-	-	S	S
	LED turn indicators mounted in exterior mirrors	S	S	S	S
Parking distance sensors	Front and rear with audible and visual warnings	S	S	S	S
Power steering	Hydraulic, vehicle speed and steering input sensitive	S	S	S	S
Seating	Electrically adjustable front seats with 12-way adjustment	S	S	-	-
	Electrically adjustable front seats with 12-way adjustment and 3 position memory function	O	O	S	-
	Electrically adjustable front 'R' style sports seats with 12-way adjustment and 3 position memory function	-	-	-	S
	Individually heated front seats	S	S	S	S
	Individually heated outer rear seats	-	-	-	S
	Electrically adjustable lumbar support for front seats	S	S	S	S
	Rear seat load through provision with ski sack	-	-	-	S
	Split folding rear seat backrest (60:40) and seat base	S	S	S	S
Steering wheel	Cruise control, Multi-Function Display and audio controls	S	S	S	S
	Height and reach adjustable	S	S	-	-
	Electrically height and reach adjustable with memory and easy entry function	-	-	S	S
	Leather rimmed 4 spoke multi-function steering wheel	S	S	S	S
	Tiptronic gearshift paddles mounted to steering column	-	-	-	S
Storage	Central compartment on the dash panel with lid	S	S	S	S
	Centre console tray and 12 volt socket with retractable lid	S	S	S	S
	Chillable glove box with illumination, lockable	S	S	S	S
	Front seat backrest pockets	S	S	S	S
	Front door pockets	S	S	S	S
	Rear door pockets and storage trays	S	S	S	S
	Sunglass compartment in roof console	S	S	S	S
Sun visors	Driver and passenger double sun visors	S	S	S	S



<b>Comfort and Convenience (cont'd)</b>		<b>V6 FSI</b>	<b>V6 TDI</b>	<b>V10 TDI</b>	<b>R50</b>
Tailgate	Loading sill protection – stainless steel	S	S	S	S
	Released electrically via switch on driver's door	S	S	S	S
	Two part tail gate, opening rear window	S	S	S	S
Trip computer	Multi-Function Display (MFD Plus) – trip time, trip length, average speed, distance to empty, average fuel consumption, current fuel consumption, outside air temperature, speed warning system, low range, audio system display, convenience menu and gear position	S	S	S	S
	Monochrome display screen	S	S	-	-
	Colour large format display screen	-	-	S	S
Upholstery	Cricket leather appointed seat upholstery	S	S	-	-
	Napa leather appointed seat upholstery, R50 with logo embossed in head restraint Some parts of the leather appointed seat upholstery will contain man made material.	O	O	S	S
Vanity mirrors, illuminated on driver's and passenger's side		S	S	S	S
Warning lights for open tailgate and doors		S	S	S	S
Wipers	2 speed wash/wipe and intermittent wipe with 4 position delay	S	S	S	S
	Heated washer jets	S	S	S	S
	Rain sensor	S	S	S	S
	Rear window with wash/wipe & intermittent wipe	S	S	S	S
Windows	Power front / rear, with roll-back function, driver with one-touch up-down	S	S	S	S
	Key operated convenience close and open feature	S	S	S	S
12V socket	Centre console, front and rear	S	S	S	S
	Luggage area	S	S	S	S
<b>Optional Equipment</b>					
4 zone climate control dual air conditioning system Not available in conjunction with Touareg Individual package		O	O	S	S
Adaptive Cruise Control (ACC) with Front Assist		O	O	O	O
Air suspension with Continuous Damping Control (CDC) and large colour Multi-Function Display (MFD Plus)		O	O	S	S
Alloy wheels	Mountain 20 x 9" alloy wheels (4) with 275/40 R20 tyres	O	O	O	-
Alloy spare wheel, hinged carrier mounted to rear Replaces weight and space saving steel spare wheel and air compressor Not available in conjunction with automatic tailgate or Rear View Camera (RVC Plus)		O	O	O	-
Audio	Dynaudio 600W premium audio system with 10 channel amplifier and 10 speakers Dynaudio is combined with either the standard radio or optional RNS510 satellite navigation system.	O	O	O	O
	Media Device Interface (MDI) – compatible with iPod®, USB and mini USB Fitted in the glove compartment and supplied with USB connection cable. Only available in conjunction with RNS510 satellite navigation system. Volkswagen Genuine Accessory iPod® and mini USB connection cables sold separately.	O	O	O	O
Automatic tailgate	Automatic opening and closing of the tailgate via remote and button on tailgate	O	O	O	O
Bi-xenon headlights	Xenon headlights for high and low beam with dynamic and static cornering lights Automatic self levelling and headlight cleaning system	O	O	S	S
Body enhancements	Volkswagen Individual exterior design package consisting of front and rear body coloured bumpers in a sports design, body side lower sill extensions, front fog lights and oval exhaust tailpipes The Volkswagen Individual exterior design package is not fitted with rear mud flaps	O	O	O	-
Electric glass sunroof, slide and tilt adjustable with sunblind		O	O	O	O



Optional Equipment (cont'd)		V6 FSI	V6 TDI	V10 TDI	R50
Electric equipment / Memory package	Electric adjustment and memory function for front seats, steering wheel, exterior mirrors and front seat belt height Automatic kerb function when reversing, passenger's side	O	O	S	S
Front fog lights, mounted in lower bumper		O	O	S	S
Interior highlights	Volkswagen Individual – Black piano lacquer/brushed aluminium inserts in dashboard, console and doors	O	O	O	-
	Walnut ornamental wood / leather multi-function steering wheel Not available in conjunction with Touareg Individual package	O	O	O	-
Leather upholstery	Napa leather appointed seat upholstery Some parts of the leather appointed seat upholstery will contain man made material.	O	O	S	S
Metallic / Pearl Effect paint		O	O	O	S
Rear seat DVD entertainment system, roof mounted 7" colour screen with headsets (2) and remote control	Not available in conjunction with electric glass slide/tilt sunroof Only available in conjunction with rear mounted alloy spare wheel or Tyre Mobility Set (without spare wheel)	O	O	O	O
Rear View Camera (RVC Plus) with dynamic guidance lines	Not available in conjunction with rear alloy spare wheel. Only available in conjunction with Satellite navigation.	O	O	O	O
Roof rails with roof profile strips, Chrome		O	O	O	S
Satellite navigation system (RNS510)	High-resolution touch screen display in 16:9 format, 3D map views, integrated 30 GB hard drive and SD card slot, DVD drive for the playback of audio CD/MP3 and video DVD and 10 speakers Large colour multi-function trip computer display Auxiliary input audio socket in front centre console compartment	O	O	O	O
Side Assist	Lane change assistant	O	O	O	O
Tinted glass	Dark tinted rear side windows and rear window, 65% light absorbing	O	O	O	S
Tow bar rated to 3500kg braked towing capacity and 350kg down weight	Tow bar tongue and tow ball Volkswagen Genuine Accessories sold separately	O	O	O	O



**Technical Specifications**

	V6 FSI	V6 TDI	V10 TDI	R50 V10 TDI
<b>Engine</b>				
Type	6 cyl 'V' petrol	6 cyl 'V' turbo diesel	10 cyl 'V' bi-turbo diesel	10 cyl 'V' bi-turbo diesel
Installation	Front longitudinal	Front longitudinal	Front longitudinal	Front longitudinal
Cubic capacity, litres/cc	3.6/3597	3.0/2967	5.0/4921	5.0/4921
Bore/stroke, mm	89.0/96.4	83.0/91.4	81.0/95.5	81.0/95.5
Max power, kW @ rpm	206 @ 6200	176 @ 4000-4400	230 @ 3750	258 @ 3500
Max torque, Nm @ rpm	360 @ 2500	550 @ 2250-2500	750 @ 2000	850 @ 2000
Compression ratio	12:1	17.0:1	18.5:1	18.5:1
Fuel system	Motronic MED 9.1 FSI direct injection system	Bosch EDC 16 Common rail	Bosch EDC 16 with unit injectors (Pumpe Düse)	Bosch EDC 16 with unit injectors (Pumpe Düse)
Ignition system	Electronic	Compression	Compression	Compression
Exhaust emission control	3-way catalytic converter, lambda probes	Exhaust gas recirculation, oxidation catalytic converter, lambda probes and diesel particulate filter	Exhaust gas recirculation, oxidation catalytic converter, lambda probes and diesel particulate filter	Exhaust gas recirculation, oxidation catalytic converter, lambda probes and diesel particulate filter
Emission level	Euro 4	Euro 4	Euro 4	Euro 4
Fuel type (recommended)	Premium unleaded 95 RON minimum	Diesel 51CZ	Diesel 51CZ	Diesel 51CZ
<b>Transmission</b>				
<b>4XMOTION four-wheel-drive</b>				
Gearbox	6 speed Tiptronic automatic with Dynamic Selection Program (DSP)			
Low range gear ratio	2.66	2.66	2.66	2.66
<b>Performance #</b>				
0 – 100km/h	8.6	8.3	7.4	6.8
<b>Fuel consumption *</b>				
Combined, L/100km	12.4	9.3	12.6	11.9
Urban, L/100km	18.0	11.6	17.7	16.7
Extra Urban, L/100km	9.2	7.9	9.6	9.2
CO2 emission g/km	296	244	333	315
Fuel tank capacity, Litres	100	100	100	100
# Please note performance figures are sourced from overseas data where equipment levels by model variant may vary.				
* Fuel consumption figures according to Australian Design Rule (ADR) 81/02.				
The driving style, road and traffic conditions, environmental influences and vehicle condition can in practice lead to consumption figures which may differ from those calculated with these standards.				
<b>Running gear</b>				
Steering	Hydraulic power assisted rack & pinion steering			
Turning circle, m	11.6			
Brake systems	Anti-lock Braking System (ABSplus) with Electronic Brake-pressure Distribution (EBD), Brake Assist and Electronic Stabilisation Program (ESP)			
Brakes	Front	Ventilated discs		
	Rear	Ventilated discs		
Suspension	Front axle	Double wishbones, aluminium upper control arms and steel triangulated lower wishbone. Anti-roll bar.		
	Rear axle	Double wishbones with two split forged aluminium upper control arms steel triangulated lower wishbones. Anti-roll bar.		
		Lowered sports tuned suspension with driving dynamics package and adaptive roll compensation (R50)		
Air suspension with Continuous Damping Control (CDC)	<b>V10 TDI (Optional V6 FSI and V6 TDI)</b>		<b>R50</b>	
	3 damper settings: Automatic, Sport <sup>^</sup> & Comfort		3 damper settings: Automatic, Sport <sup>^</sup> & Comfort	
	Variable ride height: Loading level 160mm		Variable ride height: Loading level 140mm	
	Road level 215mm		Road level 195mm	
	Off-road level 240mm		Off-road level 220mm	
	Extra level 300mm		Extra level 280mm	
	^Suspension height is automatically reduced to 195mm.		^Suspension height is automatically reduced to 175mm.	



**Technical Specifications (cont'd)**

	V6 FSI	V6 TDI	V10 TDI	R50 V10 TDI
<b>Weights</b>				
Tare weight kg	2168	2251	2532	2532
Towing capacity kg	3500	3500	3500	3500
braked				
unbraked	750	750	750	750
Towbar load limit kg	350	350	350	350
Max. roof load kg	100	100	100	100
<b>Exterior Dimensions</b>				
Overall length mm	4754	4754	4754	4754
Width mm	1928	1928	1928	1977
Height mm #	1726 (1703)	1726 (1703)	(1703)	(1778)
Wheelbase mm	2855	2855	2855	2855
Track mm				
front	1649	1649	1645	NA
rear	1661	1661	1657	NA
<b>Interior Dimensions</b>				
Headroom, mm				
front	1008	1008	1008	1008
rear	987	987	987	987
Leg room, mm				
front	1057	1057	1057	1057
rear	898	898	898	898
Elbow room, mm				
front	1504	1504	1504	1504
rear	1505	1505	1505	1505
Luggage area volume, L				
rear seat upright	555	555	500	500
rear seat folded	1570	1570	1525	1525
Luggage area floor length, mm				
rear seat upright	982	982	982	982
rear seat folded	1671	1678	1678	1678
Luggage area height, mm	945	945	929	929
Luggage area width, mm	1160	1160	1160	1160
Width between wheel arches, mm	1160	1160	1160	1160
<b>Off-road Dimensions</b>				
	<b>Steel Spring Suspension</b>		<b>Air Suspension</b>	<b>Air Suspension</b>
Approach angle	28.4°		33.2°	NA
Departure angle	28.1°		33.6°	NA
Break over / Ramp angle	22.1°		27.2°	NA
Ground clearance	237mm		160-300mm	140-280mm
Wading depth	500mm		580mm	560mm
Diagonal pitching	157mm		173mm	NA
Climbing ability	45°/100%		45°/100%	NA
Lateral slope angle	35°/70%		35°/70%	NA

# Figures in brackets relate to vehicles equipped with air suspension. NA = Information was not available at time of printing.



Colour combinations

EXTERIOR COLOUR

	Black Magic PE	Campanella White	Atacama Grey M	Shadow Blue M	Reflex Silver M	Galapagos Anthracite M	Silver Leaf M	Biscay Blue PE
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INTERIOR TRIM

V6 FSI & V6 TDI

Anthracite – Cricket Leather appointed seat upholstery	S	S	S	S	S	S	S	-
Sioux – Cricket Leather appointed seat upholstery	S	S	S	S	S	S	S	-
Beige – Cricket Leather appointed seat upholstery	S	S	S	S	S	S	S	-
Anthracite – Napa Leather appointed seat upholstery	O	O	O	O	O	O	O	-
Sioux – Napa Leather appointed seat upholstery	O	O	O	O	O	O	O	-
Beige – Napa Leather appointed seat upholstery	O	O	O	O	O	O	O	-

V10 TDI

Anthracite – Napa Leather appointed seat upholstery	S	S	S	S	S	S	S	-
Sioux – Napa Leather appointed seat upholstery	S	S	S	S	S	S	S	-
Beige – Napa Leather appointed seat upholstery	S	S	S	S	S	S	S	-

R50

Anthracite – Napa Leather appointed seat upholstery	S	S*	-	-	S	-	-	S
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Please note Metallic (M) and Pearl Effect (PE) paint are optional at extra cost, excluding R50.

\*Campanella White is only available for R50 in combination with the optional electric glass sunroof at additional cost.

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## Glossary

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### **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.

### **Adaptive Cruise Control (ACC)\***

Adaptive Cruise Control (ACC) is an extension of the conventional cruise control system with advanced capabilities based on a radar sensor. When ACC is activated, the vehicle automatically brakes and accelerates in a speed range set by the driver.

If the Touareg approaches a slower vehicle, the ACC brakes the car to the same speed and maintains the pre-selected distance. Even when a vehicle pulls into the same lane in front of you or slows, your vehicle is automatically decelerated to the pre-selected distance. If the vehicle ahead moves out of your lane, the Touareg then accelerates up to the preset desired speed.

Deceleration of the vehicle may take place via intervention in the engine management system. If deceleration via engine torque is not sufficient, brake intervention takes place, braking the vehicle to a standstill if the traffic situation necessitates. If the necessary deceleration exceeds 30 percent of the maximum deceleration, visual and acoustic warning signals (Front Assist) instruct the driver to operate the brakes.

Adaptive Cruise Control (ACC) cannot replace the driver's assertiveness. The driver is still legally responsible for the vehicle and must monitor the speed and distance in relation to other vehicles. The ACC system does not react to stationary obstacles and oncoming vehicles. The ACC system should not be used on winding roads or in adverse weather conditions such as heavy rain.

### **Anti-lock Braking System (ABSplus)**

When braking, wheel speed sensors measure the road wheel speed and should one or more wheels start to lock the ABSplus system reduces brake pressure to that wheel. This prevents the wheels from locking during heavy or emergency braking, enabling the vehicle to remain steerable. If loose surfaces are registered, wheel lock is controlled to significantly shorten braking distances in off-road conditions.

### **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 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.

\*Optional equipment



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## Glossary (cont'd)

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### **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.

### **Front Assist\***

The Front Assist ambient traffic monitoring system uses a radar sensor to detect critical distance situations and thus help to shorten the braking distance, reducing the risk of a rear-end collision.

The system warns the driver of a dangerous situation in two stages. Preliminary warning – A visual warning appears in the instrument panel simultaneously an acoustic signal is given. At the same time the Brake Assist system is switched to 'increased sensitivity'. Main warning – If the driver does not react, the Brake Assist system is prepared to 'maximum sensitivity' and a brief braking jolt is activated to draw the driver's attention to the risk of a collision.

Front Assist cannot replace the driver's assertiveness. The driver is still legally responsible for the vehicle and must monitor the speed and distance in relation to other vehicles. The braking jolt does not reduce the speed of the vehicle. The Front Assist system does not activate at a vehicle speed of less than 30km/h.

### **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 affect when stationary on steep inclines, utilising the transmission as necessary to prevent the vehicle rolling back.

### **Side Assist\***

Side Assist, lane change assistant detects vehicles on the right and left hand side of the lane, in the blind spot and those vehicles coming nearer behind. The system informs with a warning light in the exterior mirror whenever a detected vehicle is close and a lane change would be dangerous. If the driver sets the indicator, the warning light begins to flash.

\*Optional equipment



### **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 – 24 hour roadside assistance**

As a valued customer, you can be assured that wherever you travel within Australia, you will have access to roadside assistance, 24 hours a day, 365 days a year. This is complimentary for the duration of the vehicle's original Volkswagen warranty period. You will receive help in the event of a breakdown or accident and if required, your vehicle will be mobilised or transported to an Authorised Volkswagen Repair Centre.

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 over 100kms away from home. Volkswagen Roadside Assist can also be renewed at the expiry of the original warranty, ensuring ongoing coverage for your vehicle.

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